

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003467.D
 Acq On : 02 Nov 2020 12:48
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

Quant Time: Nov 03 01:53:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	260766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	368191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	334371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	171334	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	129506	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
35) Dibromofluoromethane	7.73	113	111435	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
50) Toluene-d8	10.18	98	461147	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.48	95	150804	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	111088	53.842	ug/l	99
3) Chloromethane	2.12	50	145249	53.476	ug/l	96
4) Vinyl Chloride	2.26	62	166139	54.491	ug/l	99
5) Bromomethane	2.66	94	119882	47.062	ug/l	98
6) Chloroethane	2.80	64	95621	52.619	ug/l	100
7) Trichlorofluoromethane	3.14	101	197409	51.010	ug/l	98
8) Diethyl Ether	3.54	74	61807	52.080	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	111425	52.093	ug/l	99
10) Methyl Iodide	4.10	142	110210	50.181	ug/l	99
11) Tert butyl alcohol	4.97	59	62697	234.790	ug/l	100
12) 1,1-Dichloroethene	3.88	96	110119	51.744	ug/l	99
13) Acrolein	3.74	56	45313	204.243	ug/l	99
14) Allyl chloride	4.49	41	200539	51.650	ug/l	100
15) Acrylonitrile	5.18	53	159363	251.565	ug/l	99
16) Acetone	3.96	43	216462	245.453	ug/l	100
17) Carbon Disulfide	4.21	76	354890	51.475	ug/l	99
18) Methyl Acetate	4.49	43	81640	48.987	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	272279	51.655	ug/l	99
20) Methylene Chloride	4.73	84	123891	49.883	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	127564	51.766	ug/l	97
22) Diisopropyl ether	6.13	45	354552	52.063	ug/l	99
23) Vinyl Acetate	6.08	43	1334228	260.718	ug/l	100
24) 1,1-Dichloroethane	6.04	63	225252	52.051	ug/l	100
25) 2-Butanone	7.00	43	275040	249.359	ug/l	98
26) 2,2-Dichloropropane	7.00	77	210805	52.288	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	138829	51.991	ug/l	99
28) Bromochloromethane	7.35	49	106633	48.980	ug/l	99
29) Tetrahydrofuran	7.36	42	142286	246.875	ug/l	99
30) Chloroform	7.52	83	219143	51.557	ug/l	99
31) Cyclohexane	7.80	56	197616	49.319	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	206726	52.134	ug/l	100
36) 1,1-Dichloropropene	7.93	75	183314	52.806	ug/l	99
37) Ethyl Acetate	7.09	43	109862	50.965	ug/l	99
38) Carbon Tetrachloride	7.91	117	188386	52.310	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	203065	52.534	ug/l	100
40) Benzene	8.17	78	502329	51.997	ug/l	99
41) Methacrylonitrile	7.35	41	139973	121.597	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	153170	50.600	ug/l	99
43) Isopropyl Acetate	8.28	43	199282	51.440	ug/l	99
44) Trichloroethene	8.95	130	139718	51.517	ug/l	100
45) 1,2-Dichloropropane	9.22	63	128604	52.713	ug/l	99
46) Dibromomethane	9.31	93	68766	51.233	ug/l	99
47) Bromodichloromethane	9.50	83	172332	52.457	ug/l	99
48) Methyl methacrylate	9.30	41	93468	51.218	ug/l	97
49) 1,4-Dioxane	9.31	88	16726	998.714	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	529933	256.740	ug/l	99
52) Toluene	10.25	92	317041	52.469	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	183327	52.437	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	209779	53.323	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	96145	50.461	ug/l	99
56) Ethyl methacrylate	10.51	69	135355	53.037	ug/l	99
57) 1,3-Dichloropropane	10.79	76	170970	51.605	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	305894	236.439	ug/l	99
59) 2-Hexanone	10.83	43	393762	257.653	ug/l	99
60) Dibromochloromethane	10.99	129	120656	51.523	ug/l	100
61) 1,2-Dibromoethane	11.09	107	93031	50.575	ug/l	100
64) Tetrachloroethene	10.72	164	127311	50.983	ug/l	98
65) Chlorobenzene	11.52	112	337128	51.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	127249	51.942	ug/l	99
67) Ethyl Benzene	11.60	91	619943	52.631	ug/l	98
68) m/p-Xylenes	11.70	106	464145	103.981	ug/l	99
69) o-Xylene	12.03	106	214590	52.261	ug/l	97
70) Styrene	12.05	104	368937	52.918	ug/l	99
71) Bromoform	12.21	173	82745	50.673	ug/l	98
73) Isopropylbenzene	12.33	105	595827	53.236	ug/l	100
74) N-amyl acetate	12.14	43	166633	52.561	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	122037	51.048	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	165135	91.092	ug/l #	100
77) Bromobenzene	12.61	156	147734	51.953	ug/l	98
78) n-propylbenzene	12.67	91	698608	52.993	ug/l	100
79) 2-Chlorotoluene	12.75	91	387000	52.543	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	497041	53.600	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	44537	51.277	ug/l	99
82) 4-Chlorotoluene	12.86	91	408163	53.030	ug/l	100
83) tert-Butylbenzene	13.08	119	434942	52.885	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	495059	53.416	ug/l	100
85) sec-Butylbenzene	13.25	105	596576	53.572	ug/l	99
86) p-Isopropyltoluene	13.37	119	548247	53.085	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	275428	51.994	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	269867	51.232	ug/l	99
89) n-Butylbenzene	13.70	91	509120	53.972	ug/l	100
90) Hexachloroethane	13.96	117	91288	52.521	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	241015	51.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22155	51.195	ug/l	96

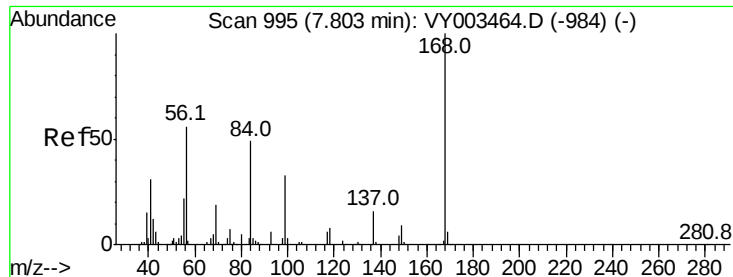
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	175423	52.701	ug/l	99
94) Hexachlorobutadiene	15.11	225	111112	51.890	ug/l	99
95) Naphthalene	15.23	128	348526	52.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	152996	51.097	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

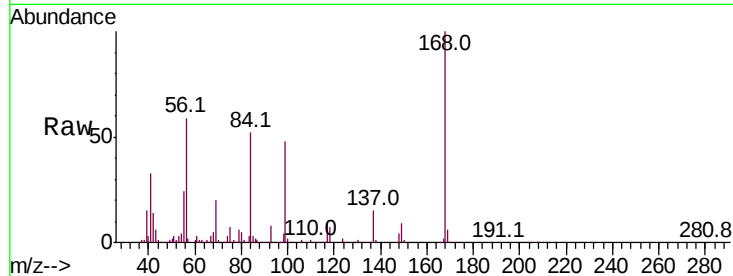
ICVY110220

Tot Ion:168 Resp: 260766

Ion Ratio Lower Upper

168 100

99 48.3 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003467.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003467.D (-984) (-)

7.80

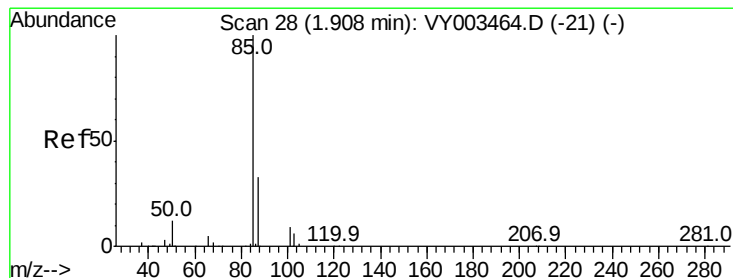
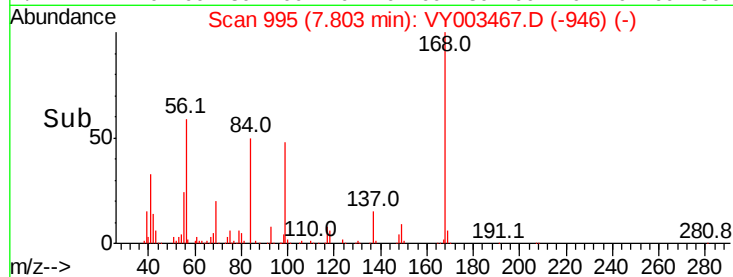
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 53.842 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003467.D

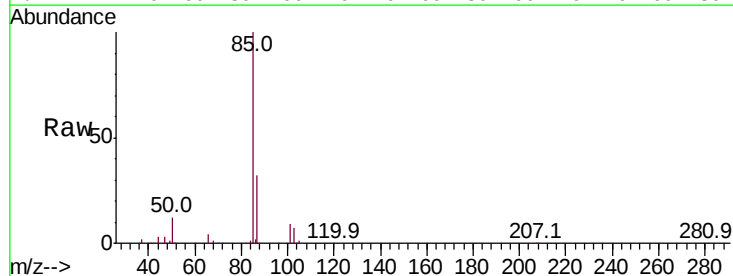
Acq: 02 Nov 2020 12:48

Tgt Ion: 85 Resp: 111088

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003467.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003467.D (-1) (-)

1.91

80000

60000

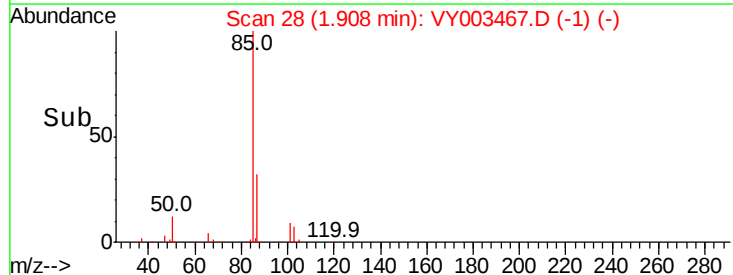
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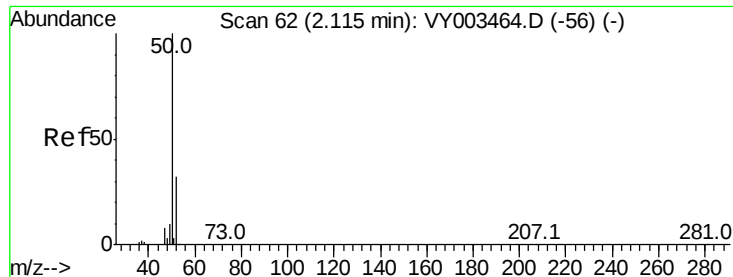
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 53.476 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

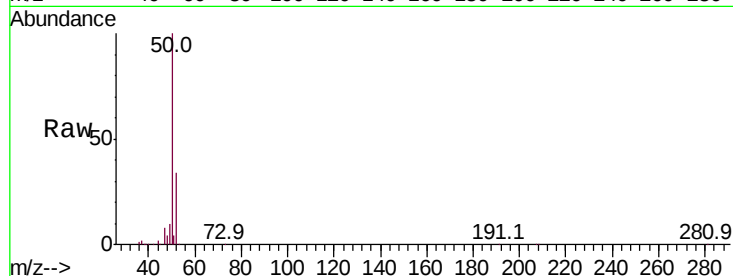
ICVYV110220

Tot Ion: 50 Resp: 145249

Ion Ratio Lower Upper

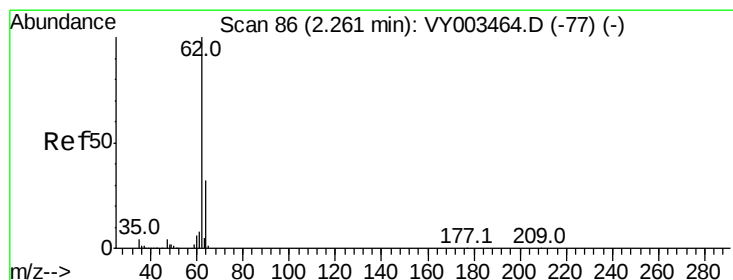
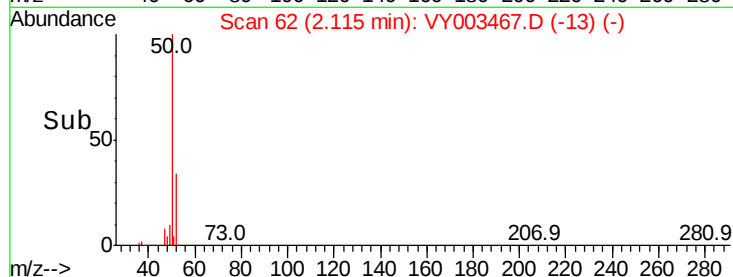
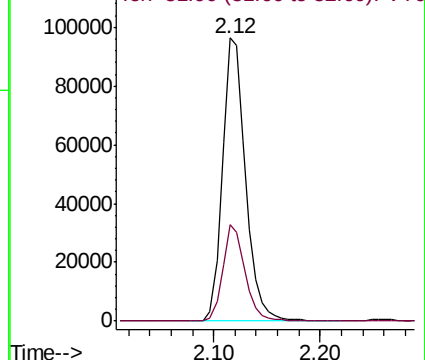
50 100

52 34.0 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 54.491 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003467.D

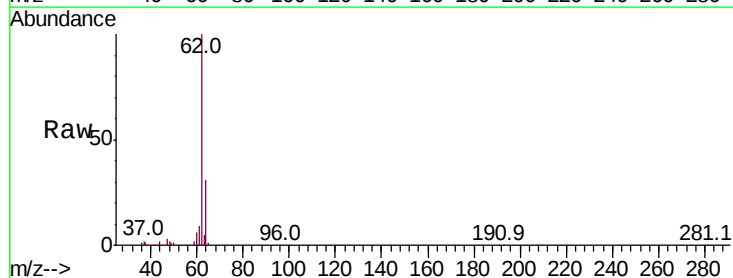
Acq: 02 Nov 2020 12:48

Tgt Ion: 62 Resp: 166139

Ion Ratio Lower Upper

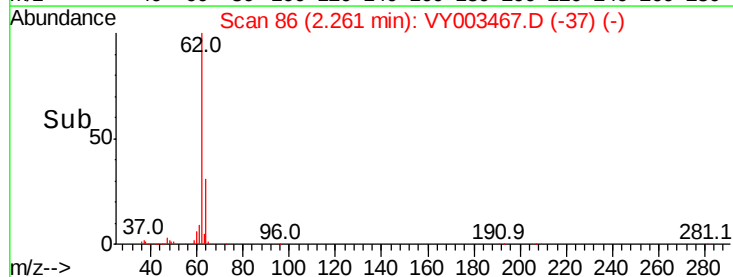
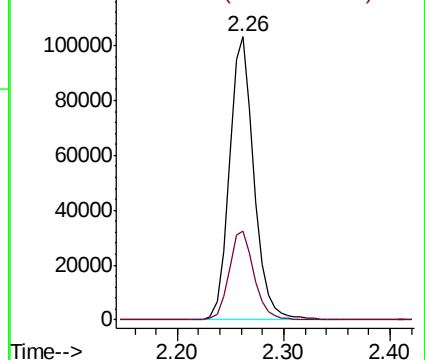
62 100

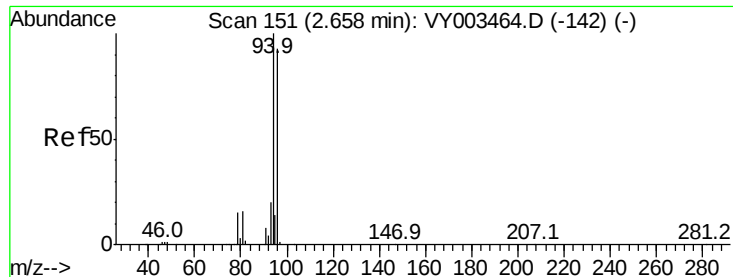
64 31.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 47.062 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

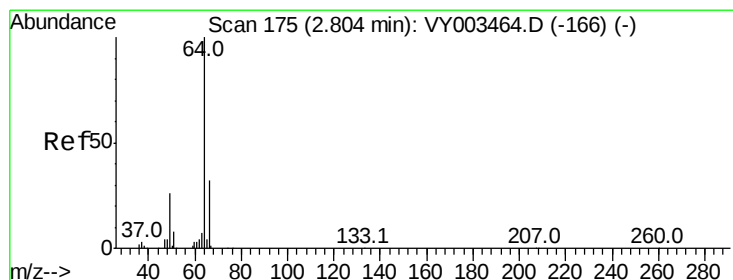
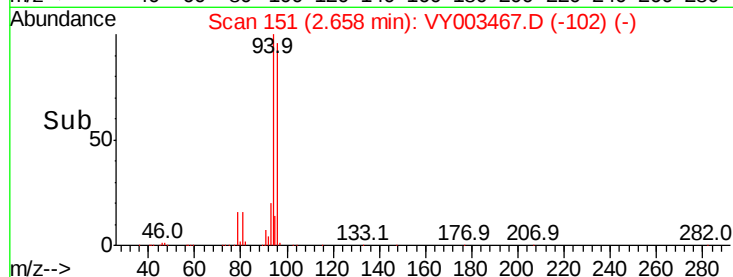
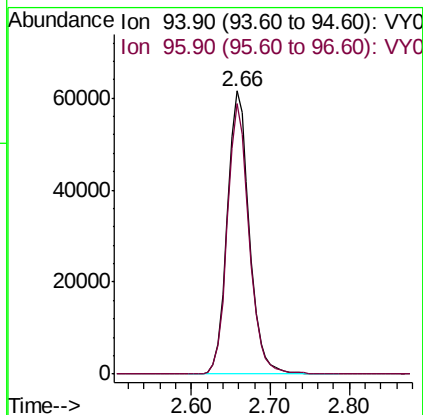
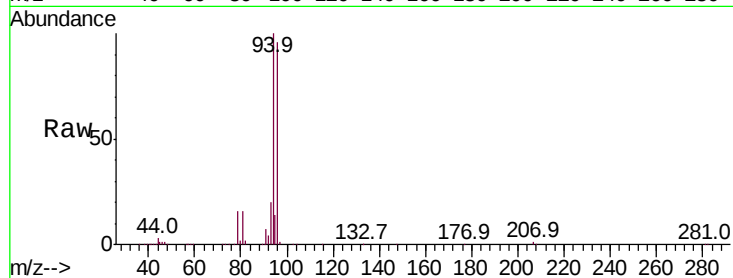
ICVYVY110220

Tot Ion: 94 Resp: 119882

Ion Ratio Lower Upper

94 100

96 95.6 74.6 112.0



#6

Chloroethane

Concen: 52.619 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY003467.D

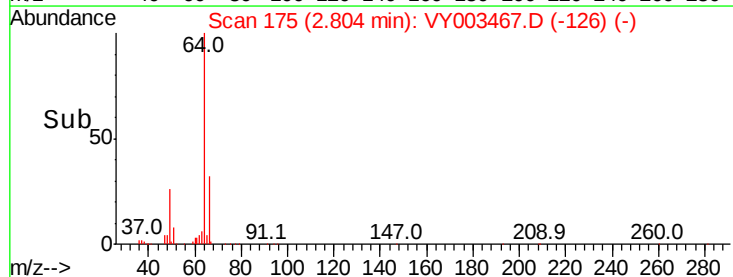
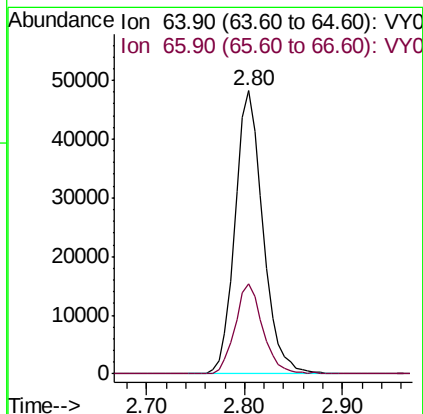
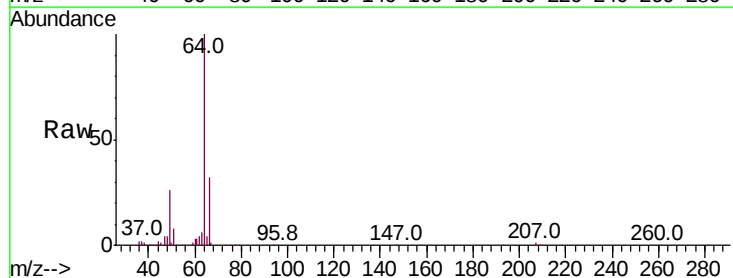
Acq: 02 Nov 2020 12:48

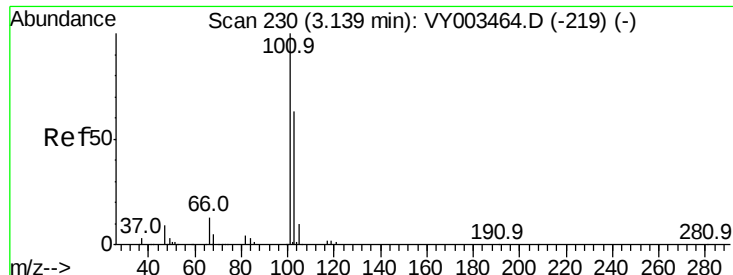
Tgt Ion: 64 Resp: 95621

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4



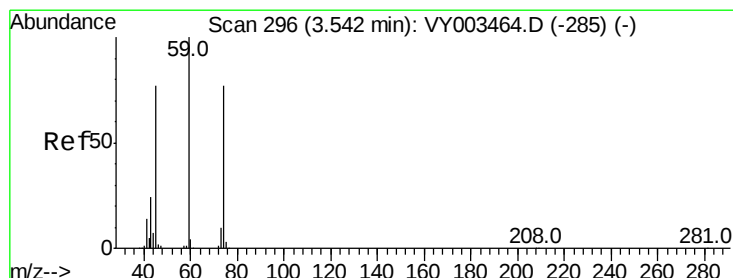
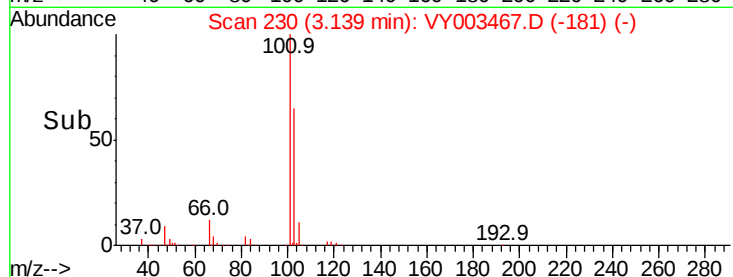
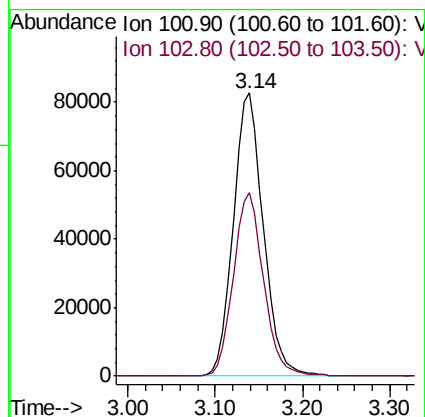
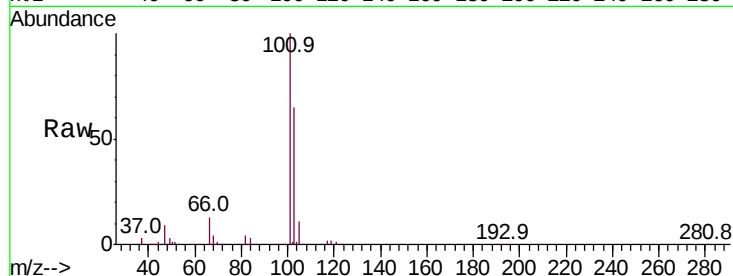


#7

Trichlorofluoromethane
 Concen: 51.010 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY003467.D
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Instrument :
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 ICVVY110220

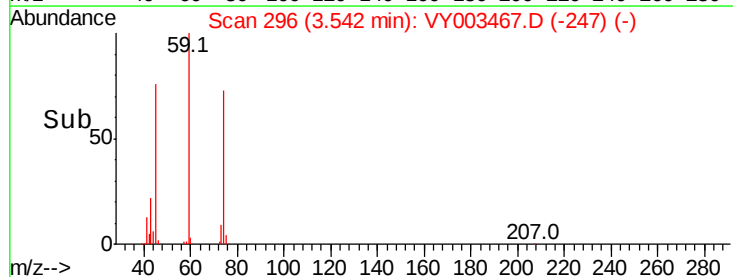
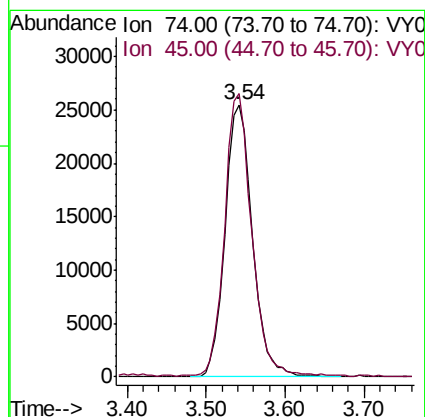
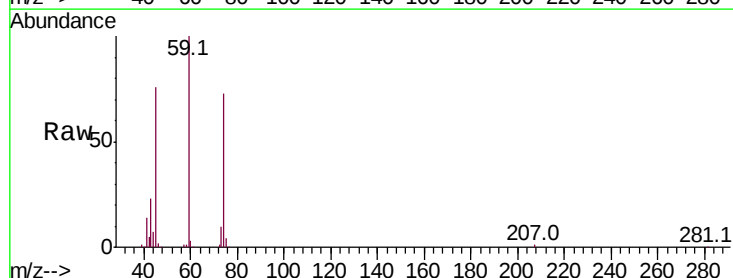
Tot Ion:101 Resp: 197409
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.7 76.1

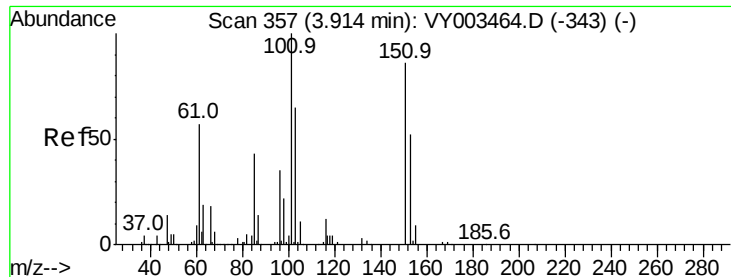


#8

Diethyl Ether
 Concen: 52.080 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Tgt Ion: 74 Resp: 61807
 Ion Ratio Lower Upper
 74 100
 45 103.6 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.093 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY110220

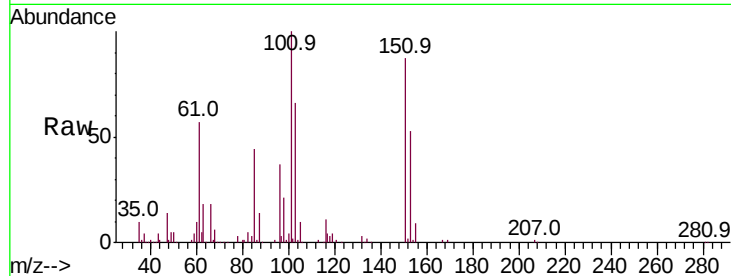
Tot Ion:101 Resp: 111425

Ion Ratio Lower Upper

101 100

85 45.1 35.8 53.8

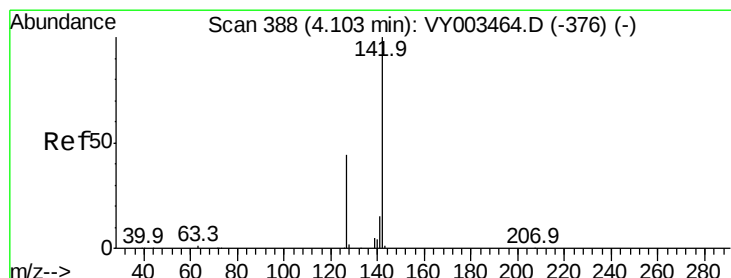
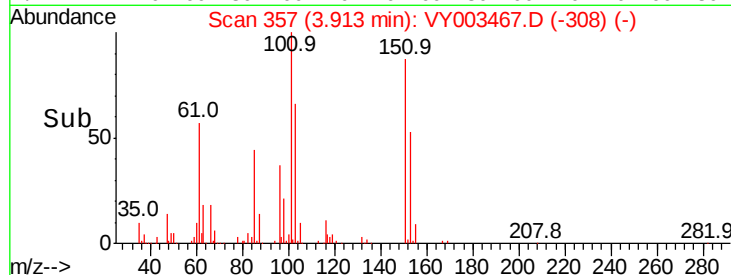
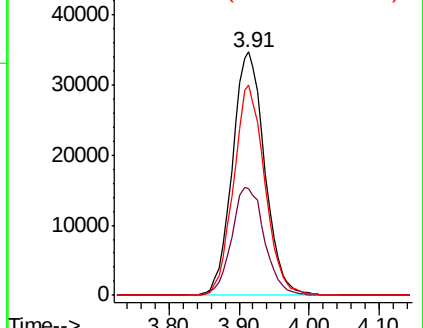
151 83.6 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.181 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

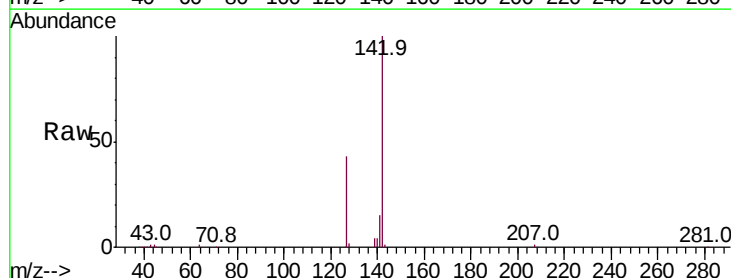
Tgt Ion:142 Resp: 110210

Ion Ratio Lower Upper

142 100

127 43.8 34.5 51.7

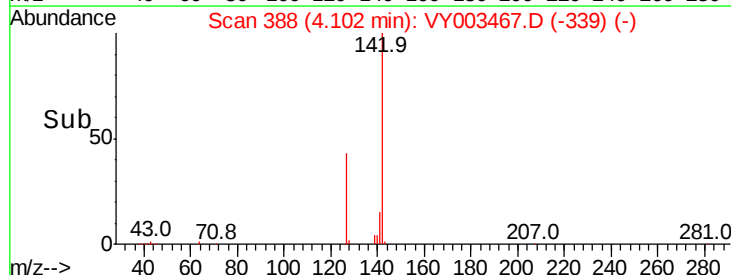
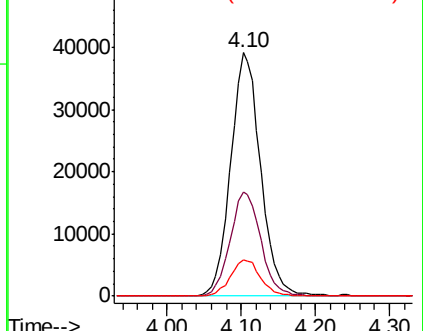
141 14.8 11.8 17.8

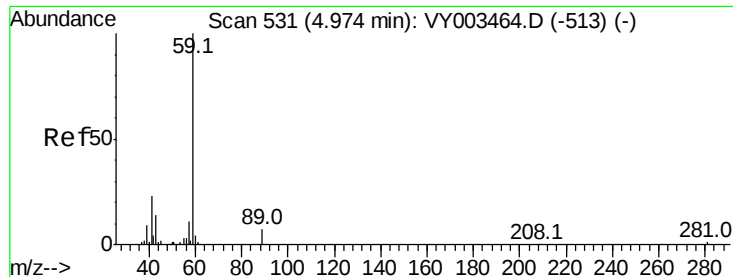


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



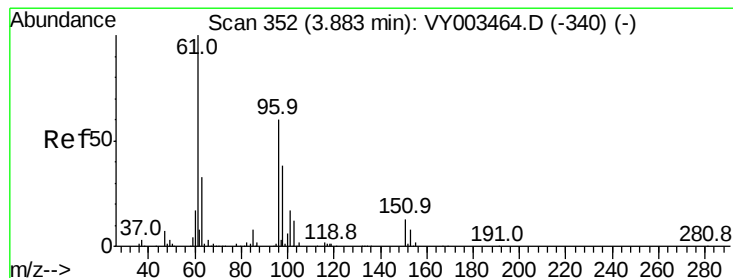
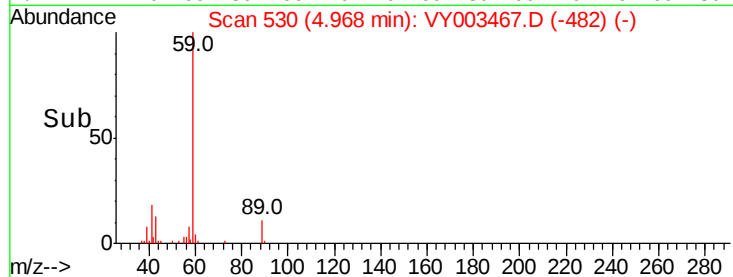
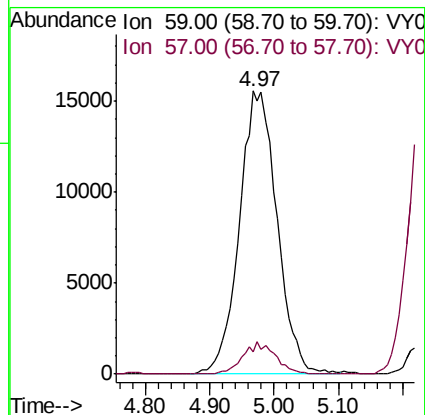
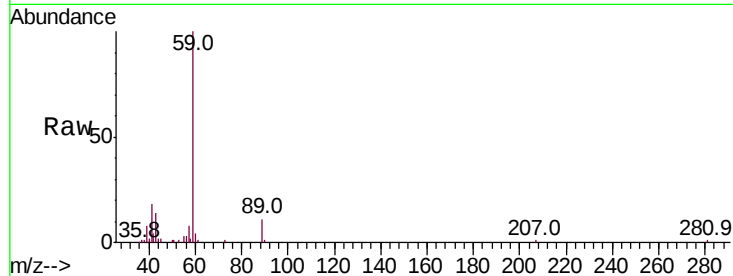


#11

Tert butyl alcohol
 Concen: 234.790 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

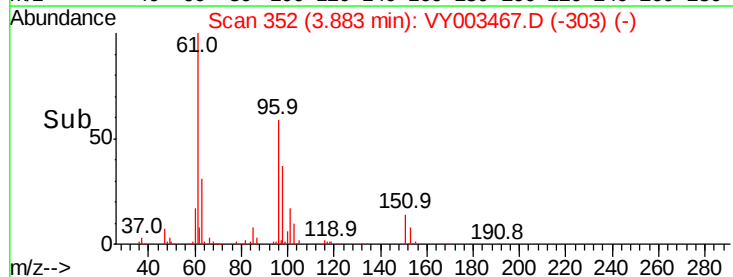
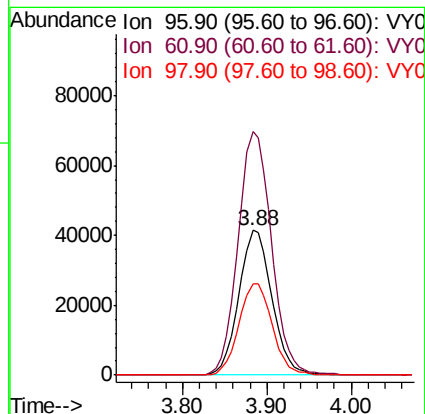
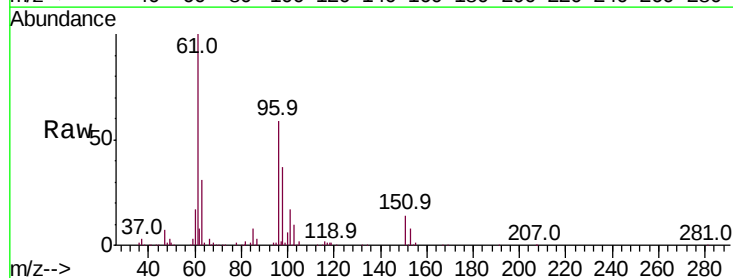
Tot Ion: 59 Resp: 62697
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.9 11.9

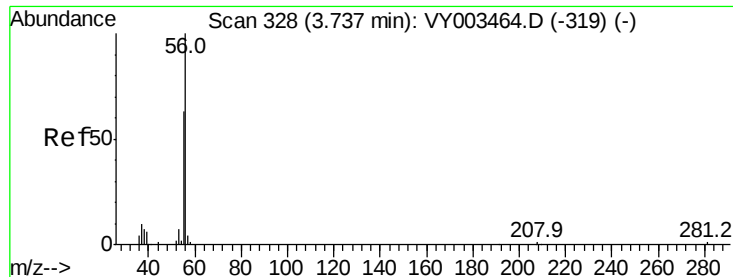


#12

1,1-Dichloroethene
 Concen: 51.744 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Tgt Ion: 96 Resp: 110119
 Ion Ratio Lower Upper
 96 100
 61 168.5 133.6 200.4
 98 62.9 50.2 75.2





#13

Acrolein

Concen: 204.243 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

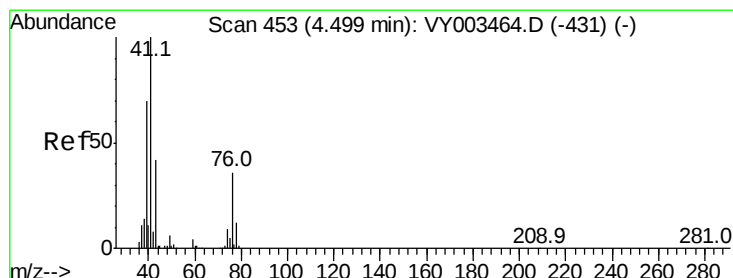
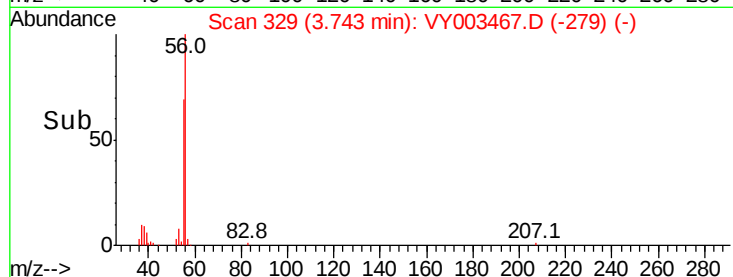
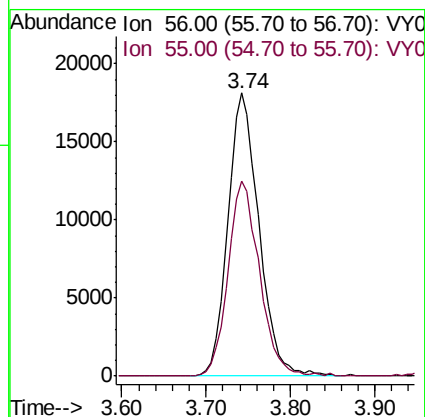
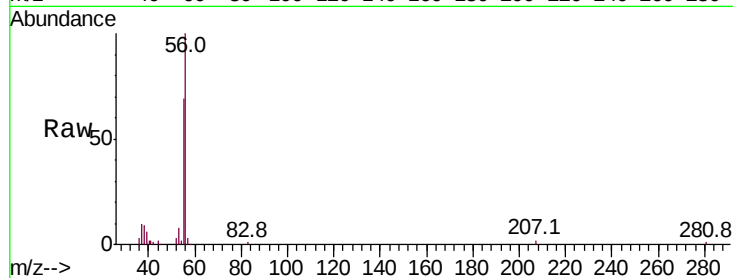
ICVYV110220

Tot Ion: 56 Resp: 45313

Ion Ratio Lower Upper

56 100

55 69.8 56.6 85.0



#14

Allyl chloride

Concen: 51.650 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

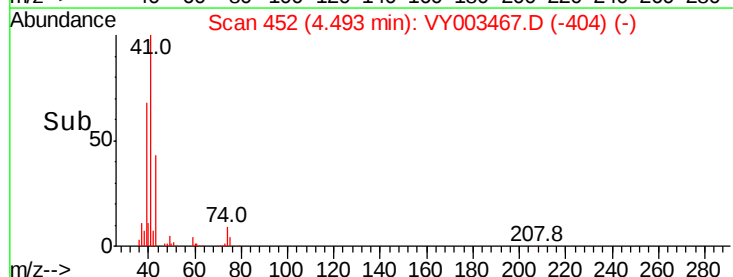
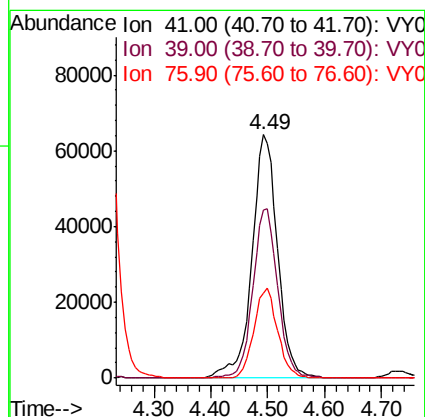
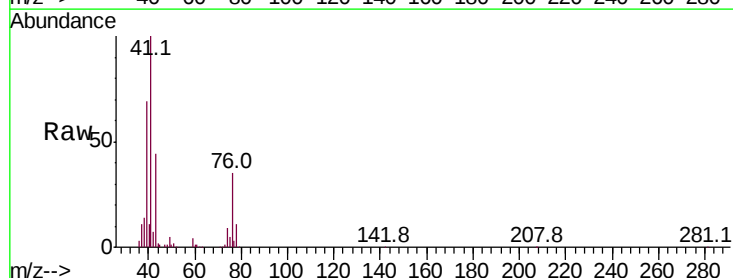
Tgt Ion: 41 Resp: 200539

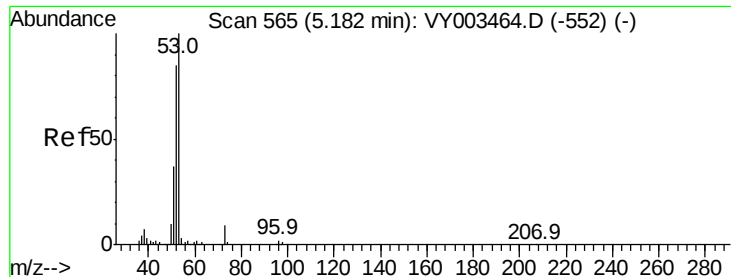
Ion Ratio Lower Upper

41 100

39 67.6 54.4 81.6

76 34.4 27.6 41.4





#15

Acrylonitrile

Concen: 251.565 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY110220

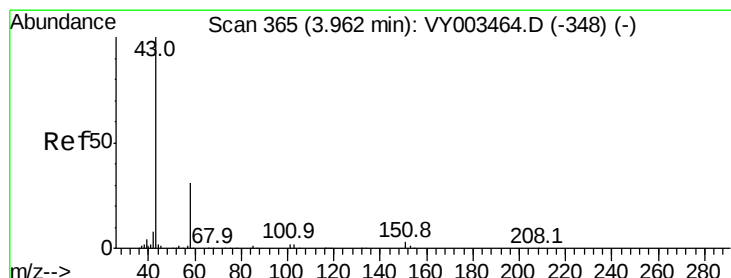
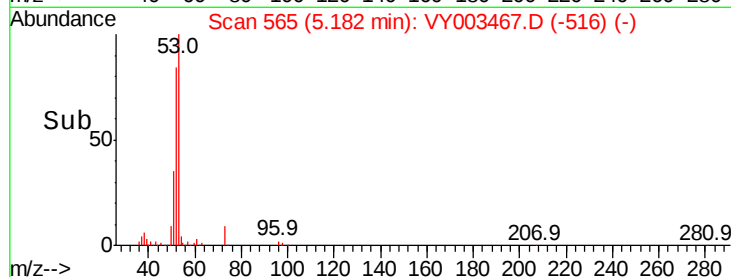
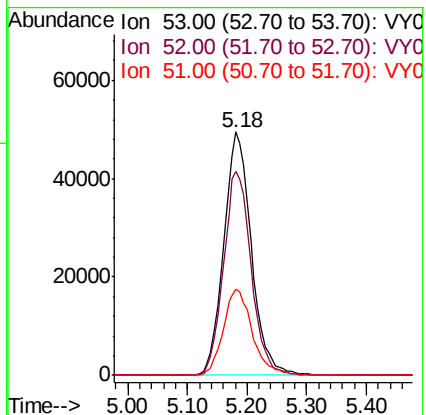
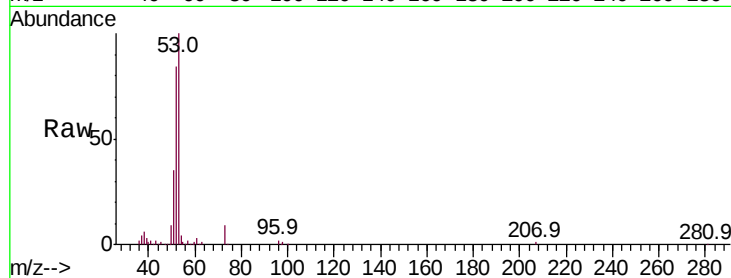
Tot Ion: 53 Resp: 159363

Ion Ratio Lower Upper

53 100

52 83.9 66.9 100.3

51 37.3 29.3 43.9



#16

Acetone

Concen: 245.453 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY003467.D

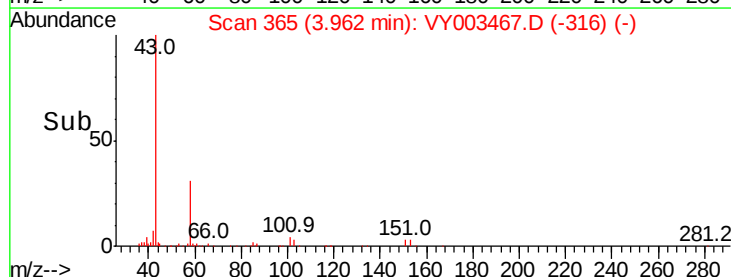
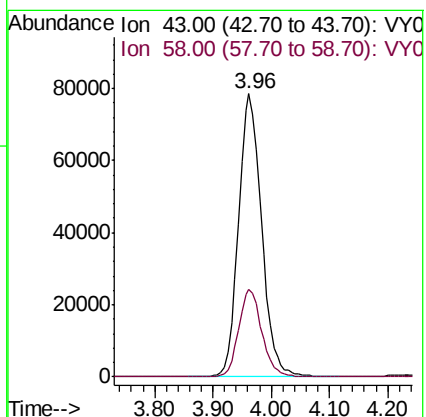
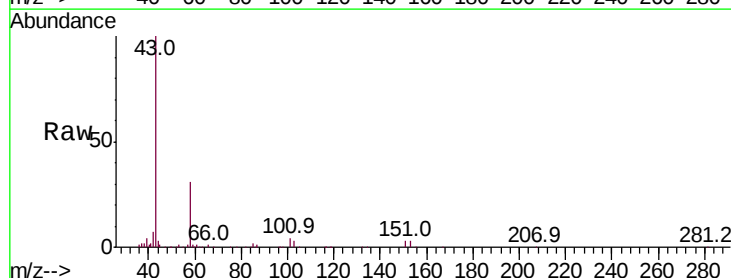
Acq: 02 Nov 2020 12:48

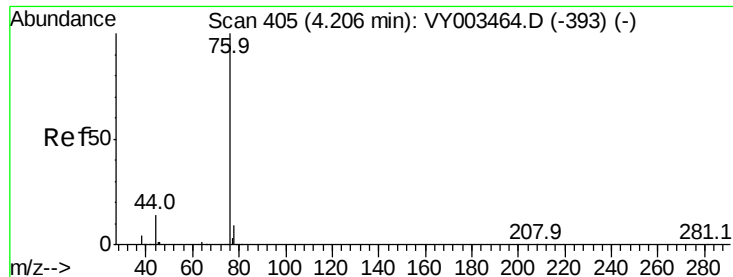
Tgt Ion: 43 Resp: 216462

Ion Ratio Lower Upper

43 100

58 31.0 25.0 37.4





#17

Carbon Disulfide

Concen: 51.475 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

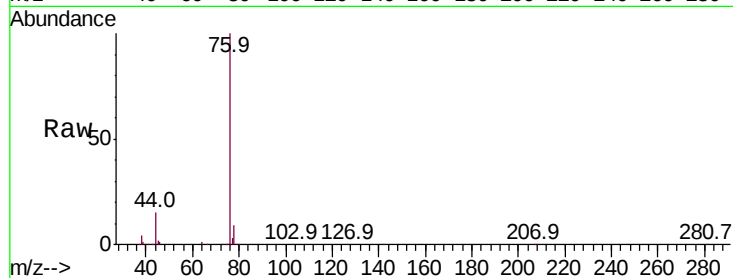
ICVVY110220

Tot Ion: 76 Resp: 354890

Ion Ratio Lower Upper

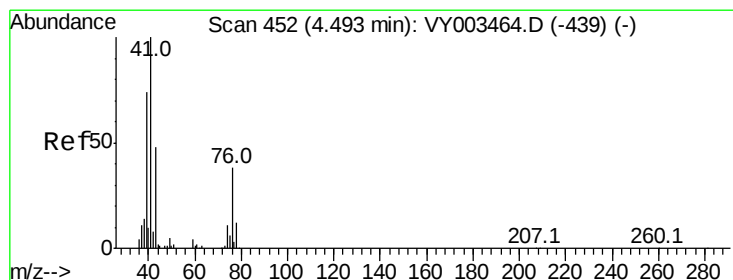
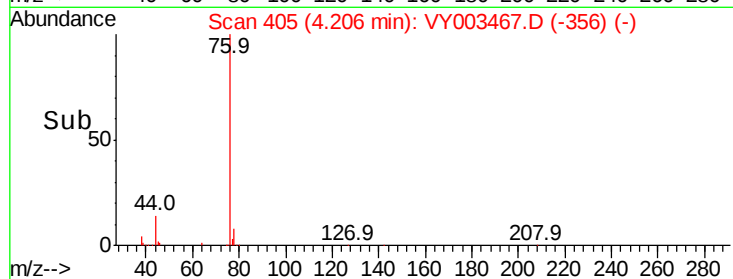
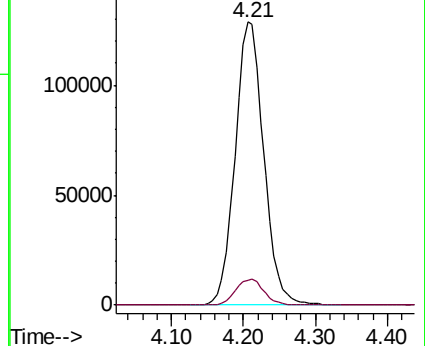
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY003467.D (-405) (-)

Ion 77.90 (77.60 to 78.60): VY003467.D (-405) (-)



#18

Methyl Acetate

Concen: 48.987 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.00 min

Lab File: VY003467.D

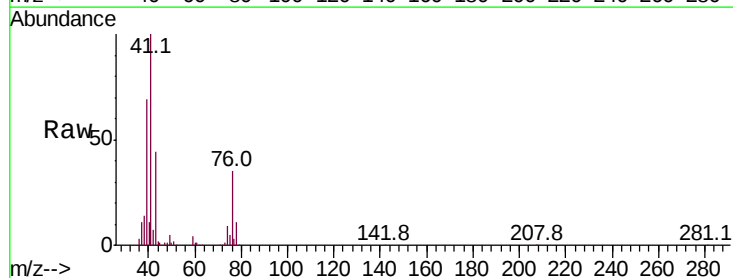
Acq: 02 Nov 2020 12:48

Tgt Ion: 43 Resp: 81640

Ion Ratio Lower Upper

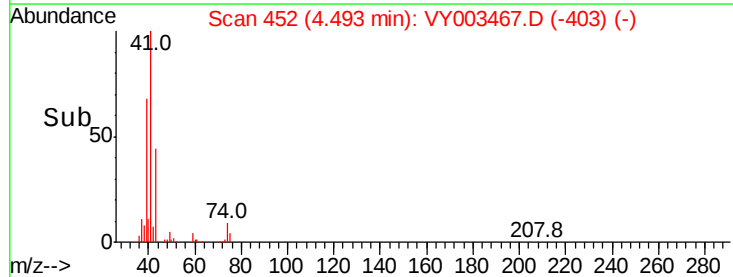
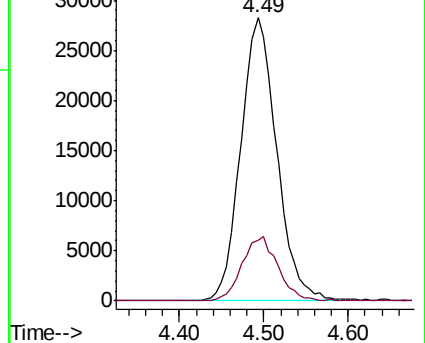
43 100

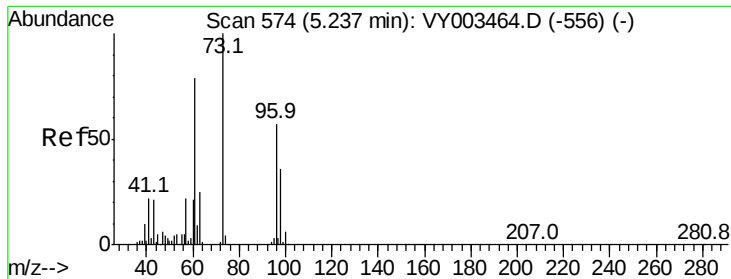
74 22.9 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VY003467.D (-452) (-)

Ion 74.00 (73.70 to 74.70): VY003467.D (-452) (-)



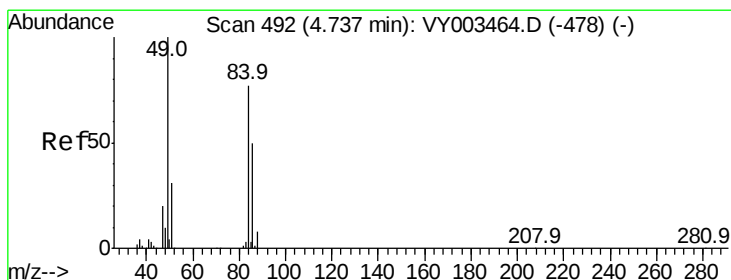
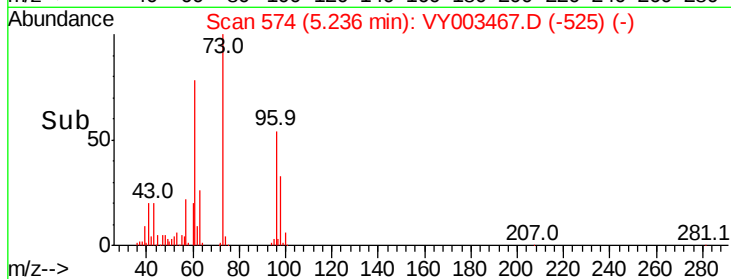
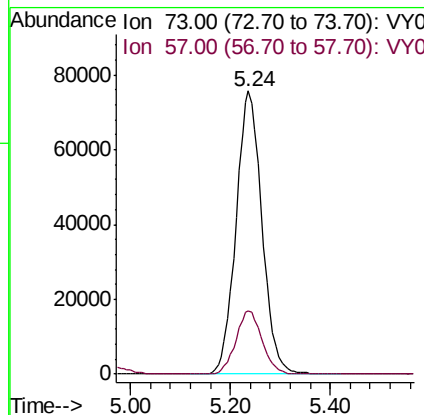
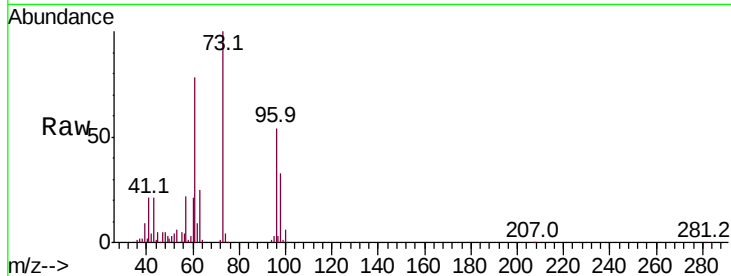


#19

Methyl tert-butyl Ether
 Concen: 51.655 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

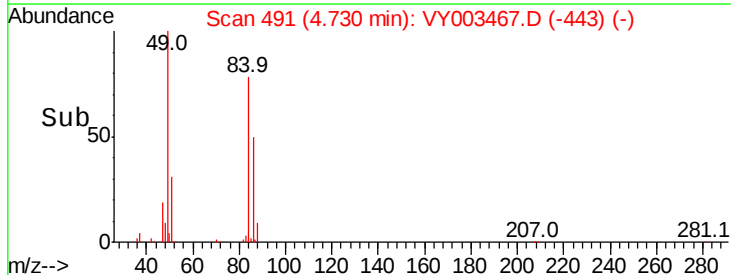
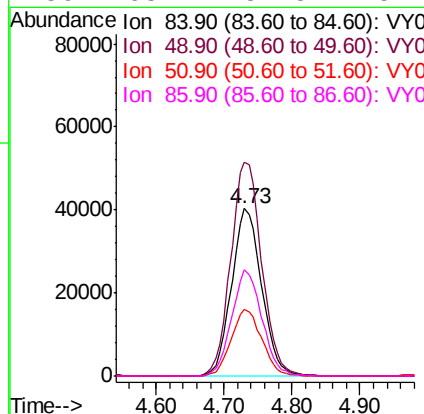
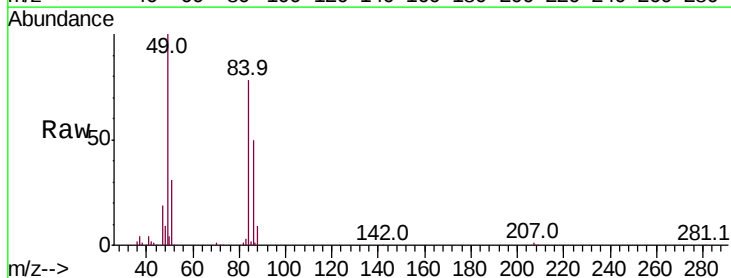
Tot Ion: 73 Resp: 272279
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.2 25.8

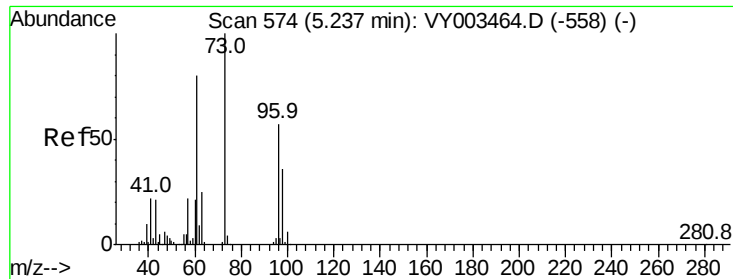


#20

Methylene Chloride
 Concen: 49.883 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Tgt Ion: 84 Resp: 123891
 Ion Ratio Lower Upper
 84 100
 49 127.5 104.3 156.5
 51 39.6 32.5 48.7
 86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.766 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY110220

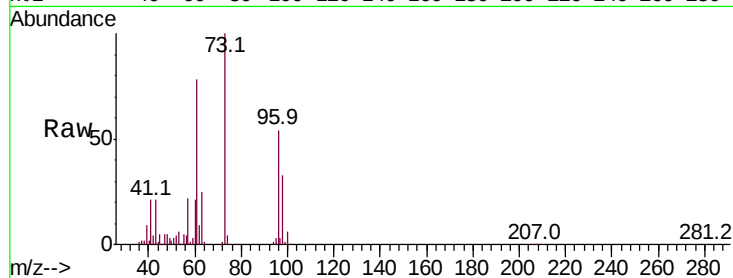
Tot Ion: 96 Resp: 127564

Ion Ratio Lower Upper

96 100

61 143.9 111.3 166.9

98 61.4 50.3 75.5

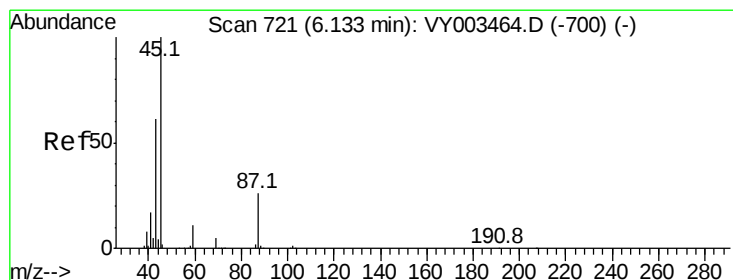
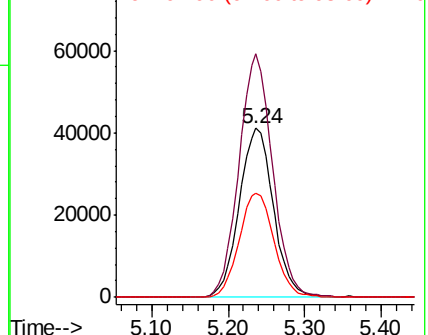
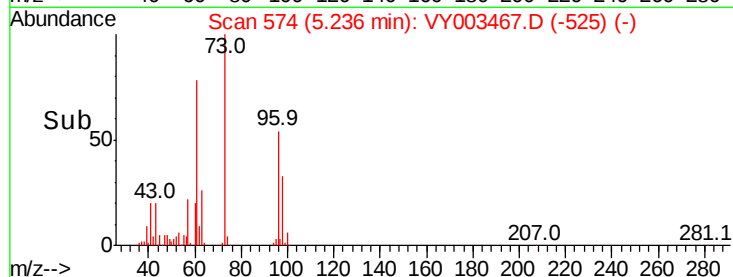


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 52.063 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Tgt Ion: 45 Resp: 354552

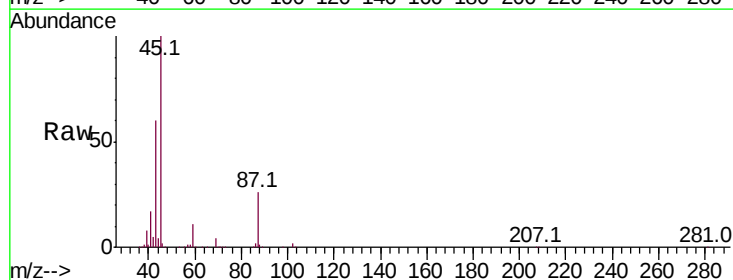
Ion Ratio Lower Upper

45 100

43 59.9 48.8 73.2

87 25.6 20.6 31.0

59 10.8 9.0 13.4



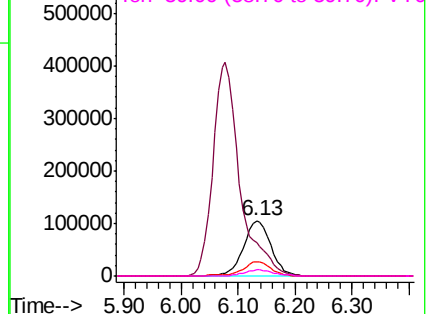
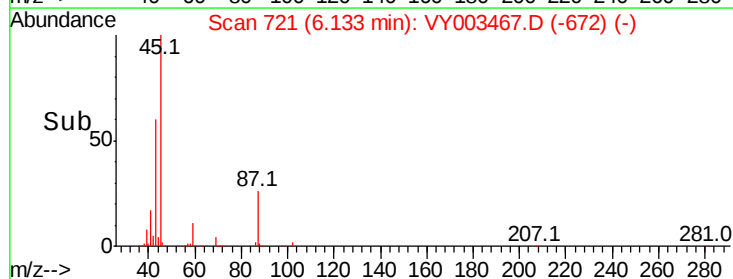
Abundance

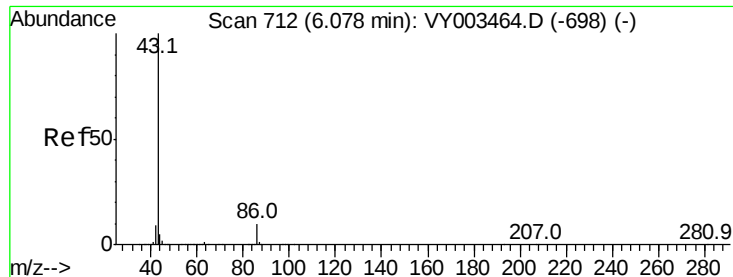
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 260.718 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

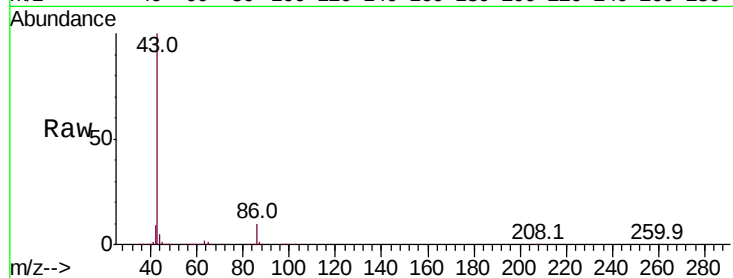
ICVVY110220

Tot Ion: 43 Resp: 1334228

Ion Ratio Lower Upper

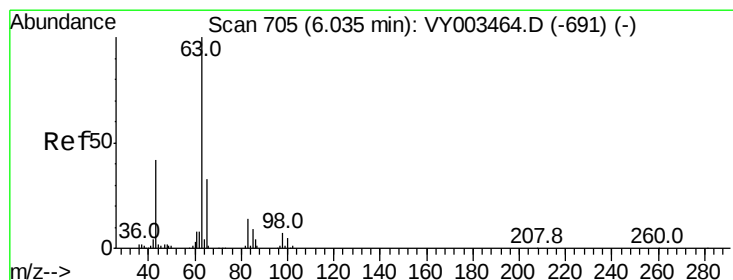
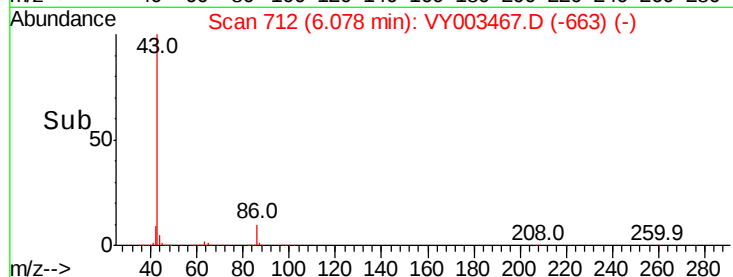
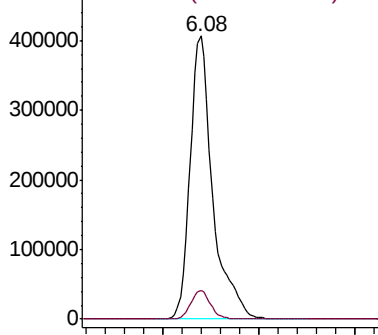
43 100

86 10.1 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.051 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

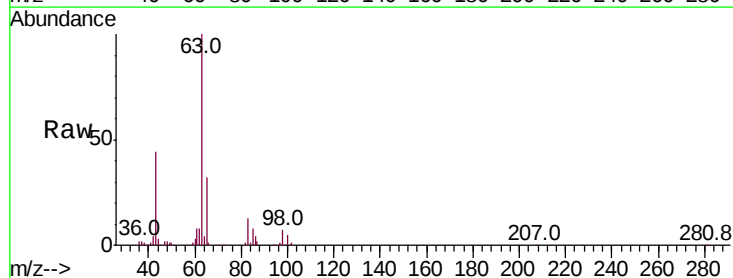
Tgt Ion: 63 Resp: 225252

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

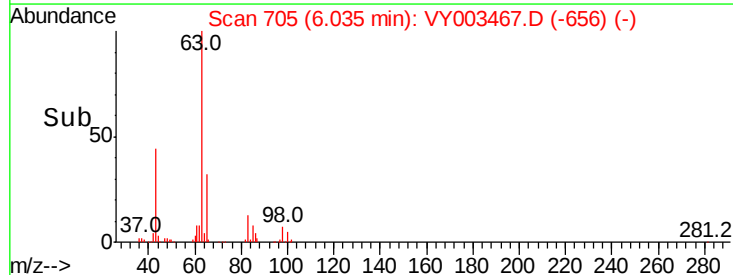
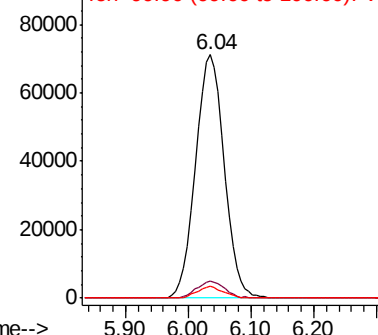
100 4.7 2.3 6.9

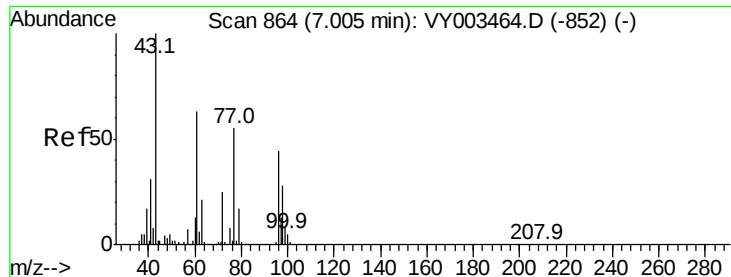


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 249.359 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

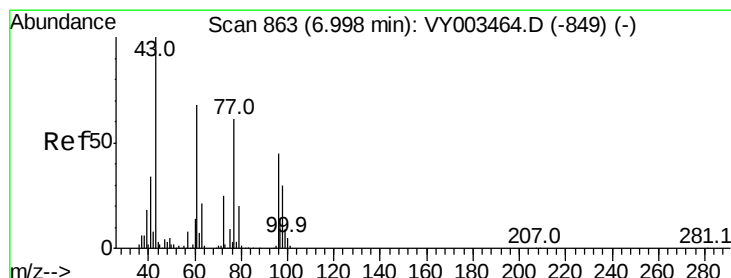
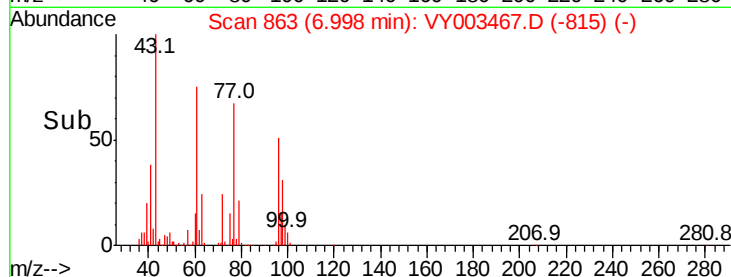
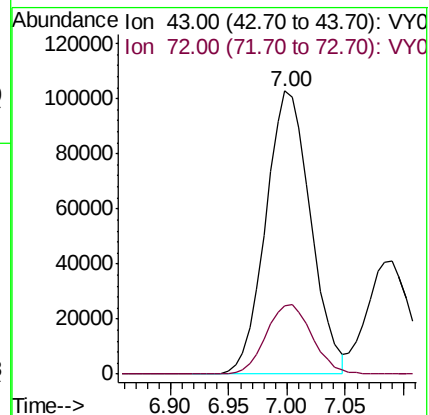
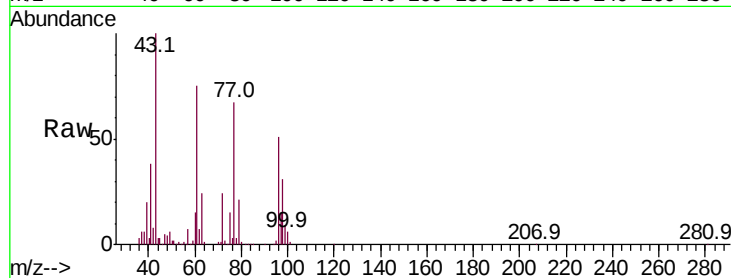
ICVVY110220

Tot Ion: 43 Resp: 275040

Ion Ratio Lower Upper

43 100

72 24.2 20.1 30.1



#26

2,2-Dichloropropane

Concen: 52.288 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY003467.D

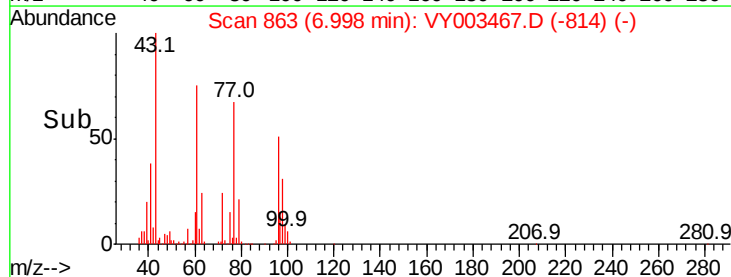
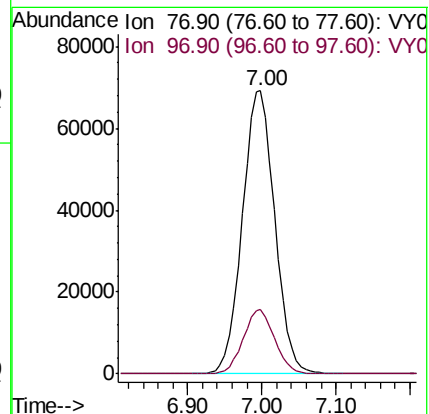
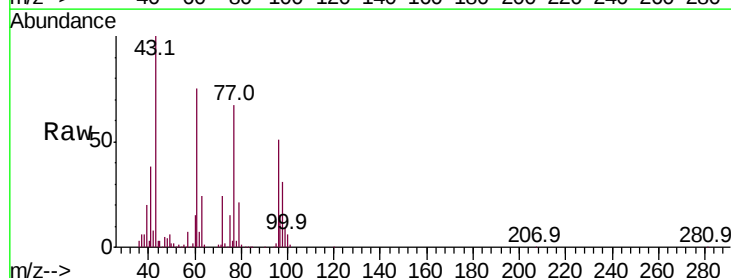
Acq: 02 Nov 2020 12:48

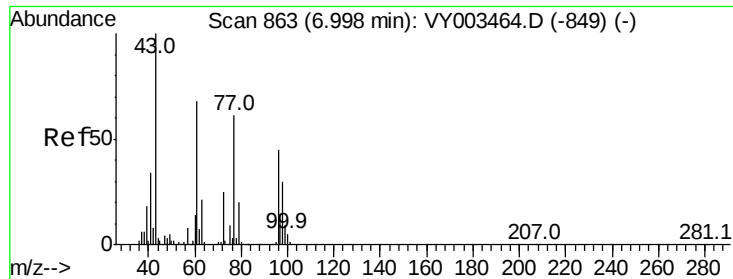
Tgt Ion: 77 Resp: 210805

Ion Ratio Lower Upper

77 100

97 22.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 51.991 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY110220

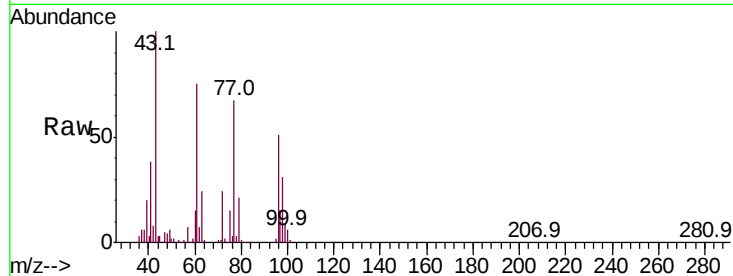
Tot Ion: 96 Resp: 138829

Ion Ratio Lower Upper

96 100

61 151.1 0.0 299.2

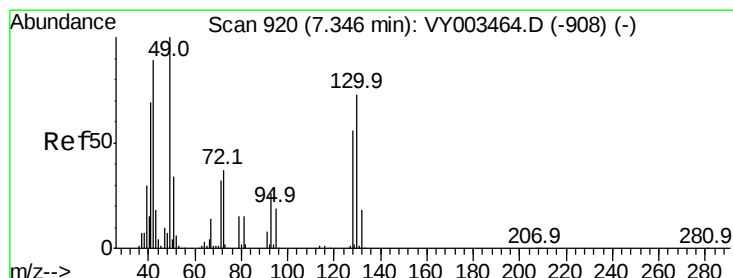
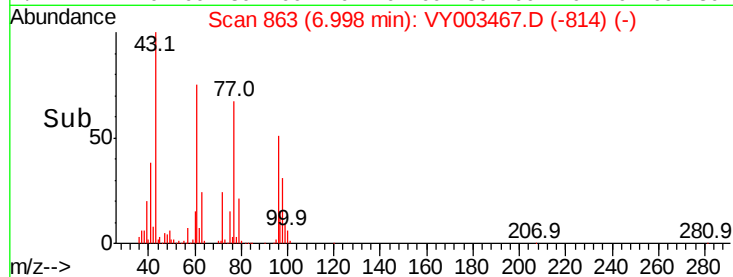
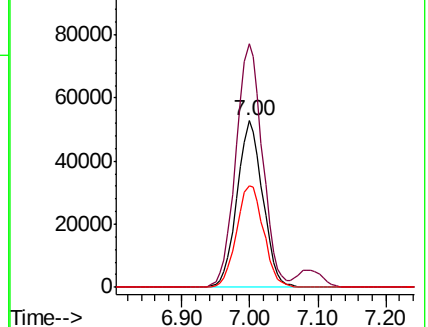
98 64.1 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane

Concen: 48.980 ug/l

RT: 7.35 min Scan# 920

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

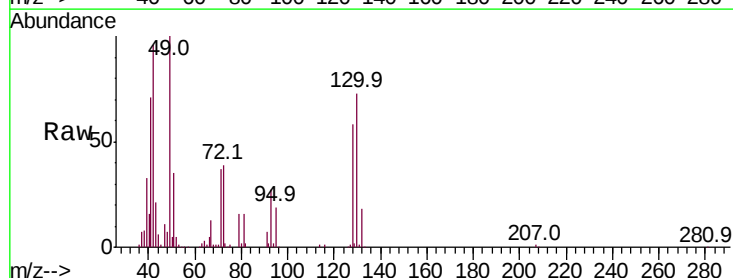
Tgt Ion: 49 Resp: 106633

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

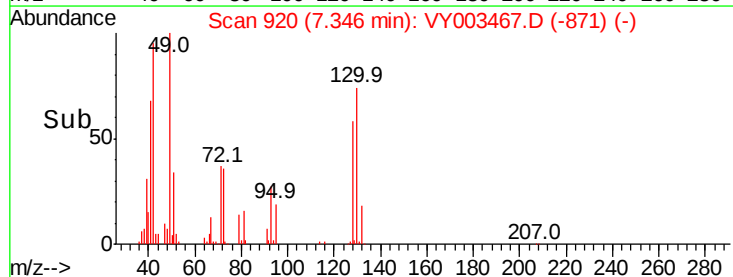
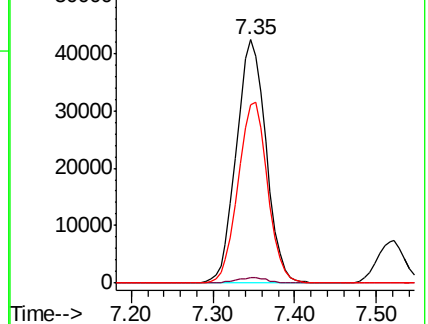
130 73.8 60.0 90.0

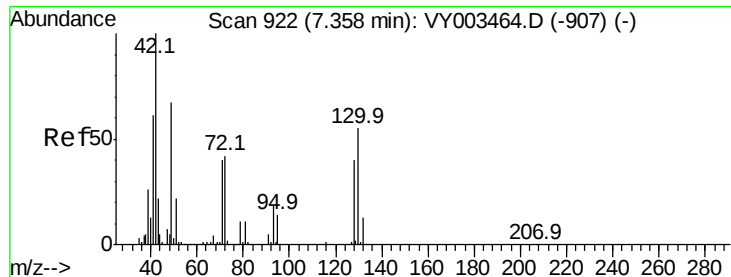


Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 246.875 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY110220

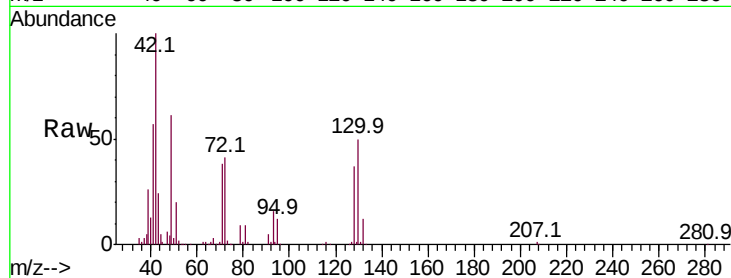
Tot Ion: 42 Resp: 142286

Ion Ratio Lower Upper

42 100

72 41.4 32.8 49.2

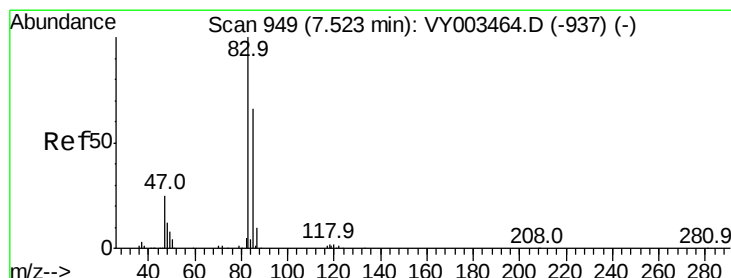
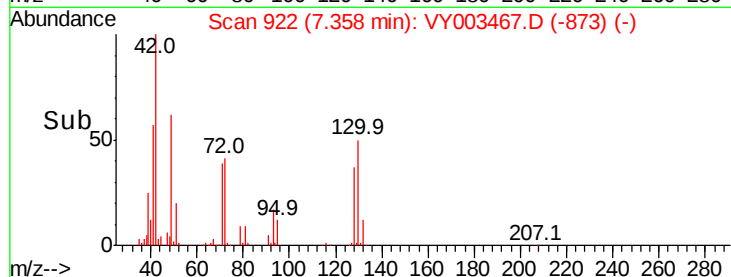
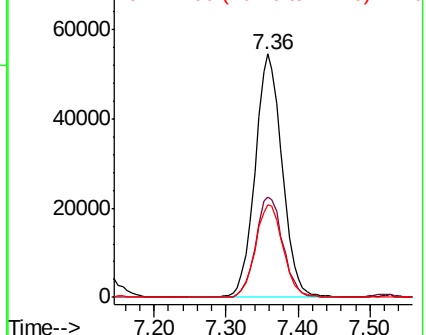
71 38.8 30.7 46.1



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 51.557 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY003467.D

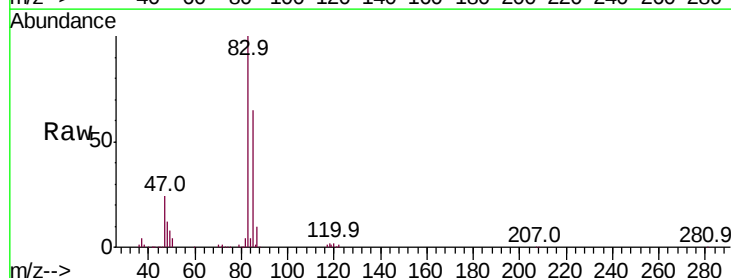
Acq: 02 Nov 2020 12:48

Tgt Ion: 83 Resp: 219143

Ion Ratio Lower Upper

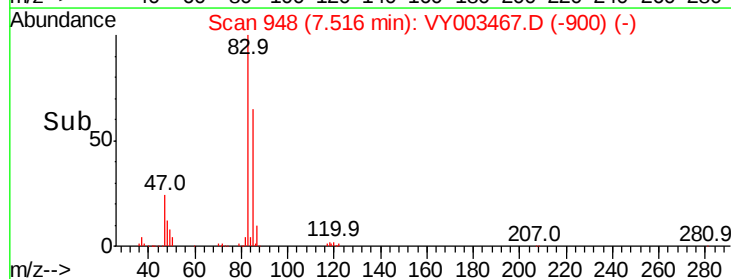
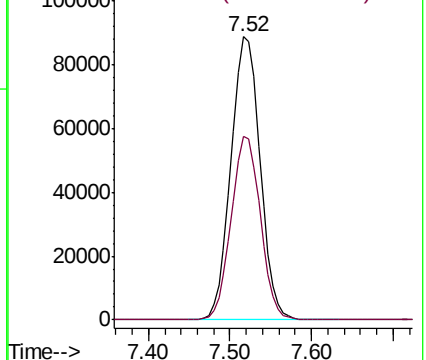
83 100

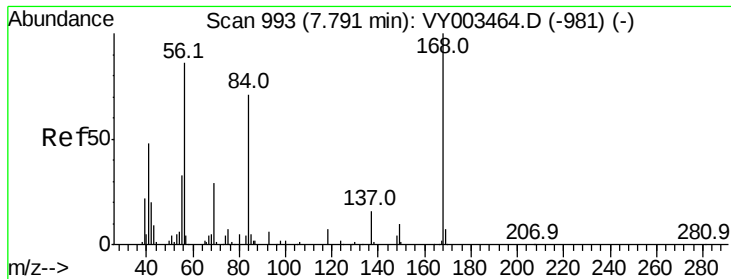
85 64.9 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 49.319 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampled :

ICVY110220

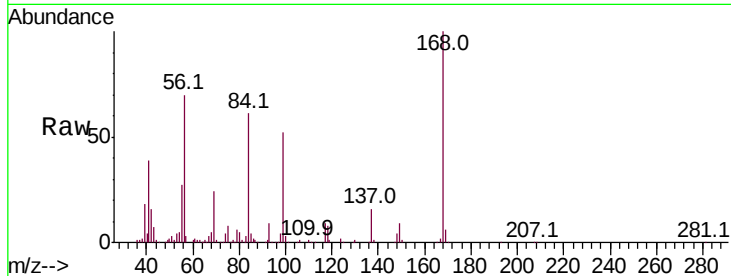
Tot Ion: 56 Resp: 197616

Ion Ratio Lower Upper

56 100

69 34.6 26.6 39.8

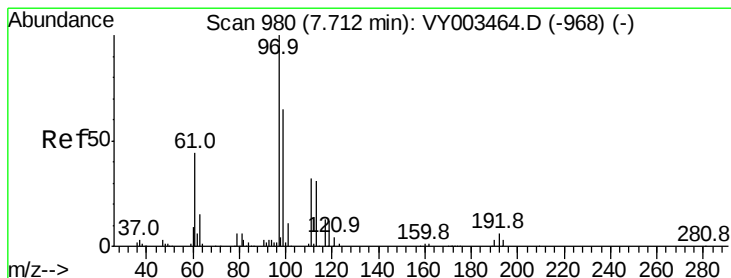
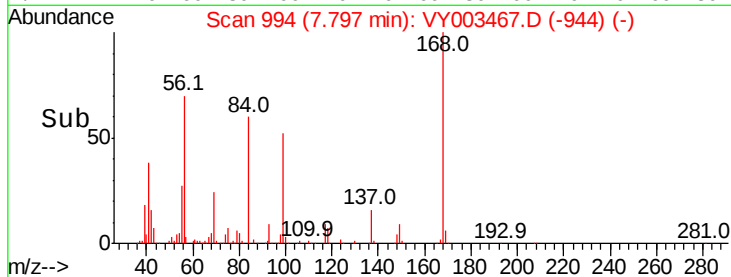
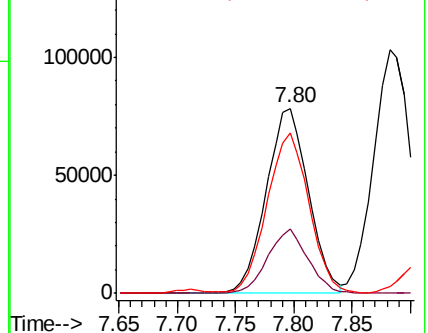
84 84.7 65.9 98.9



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 52.134 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

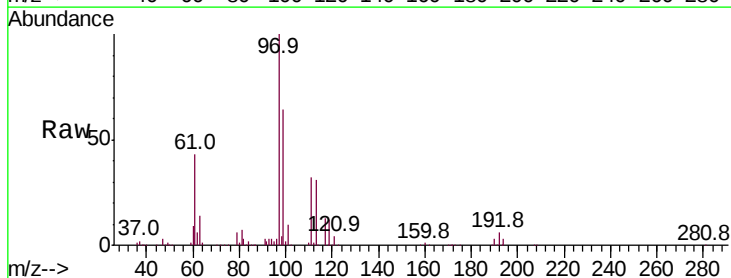
Tgt Ion: 97 Resp: 206726

Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

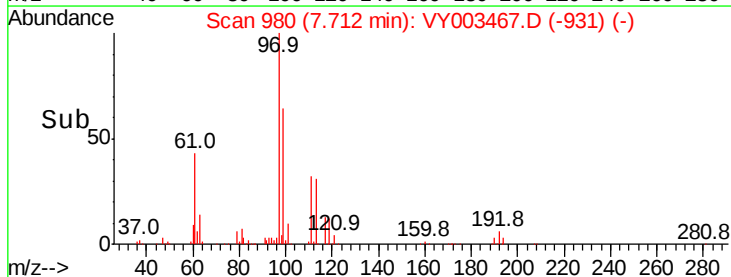
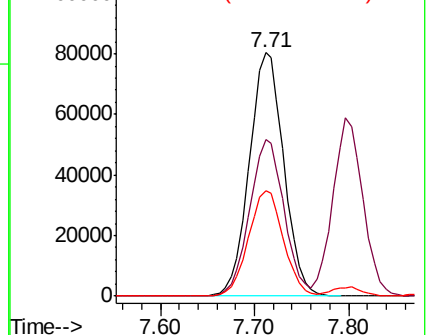
61 43.7 35.1 52.7

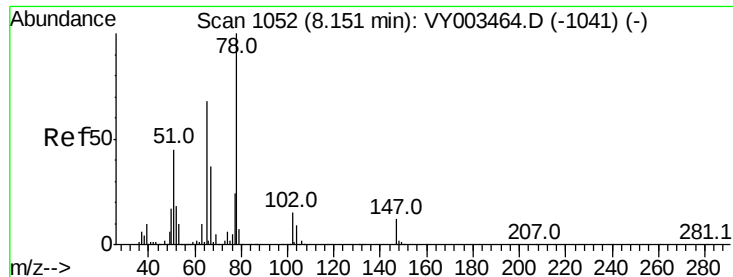


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

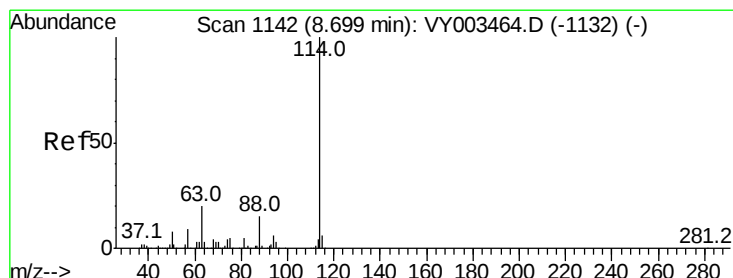
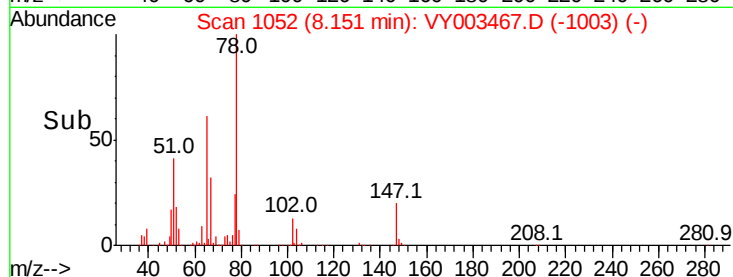
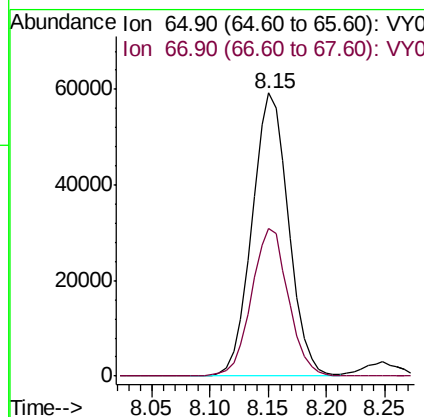
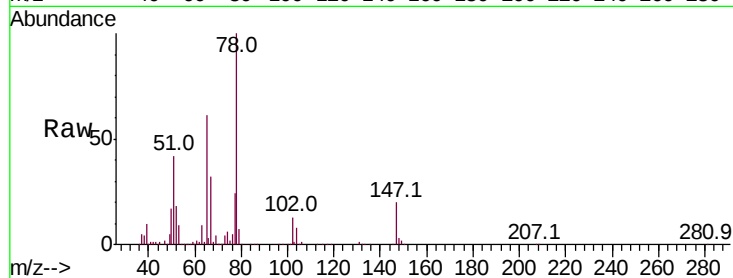




#33
 1,2-Dichloroethane-d4
 Concen: 48.444 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

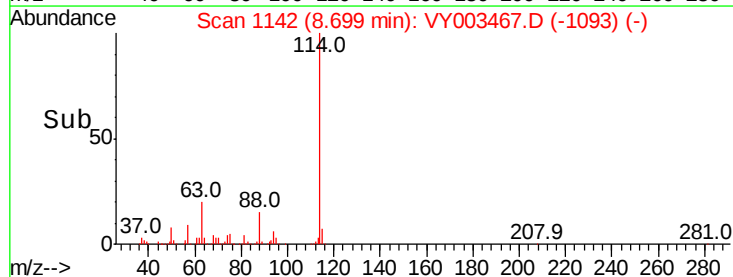
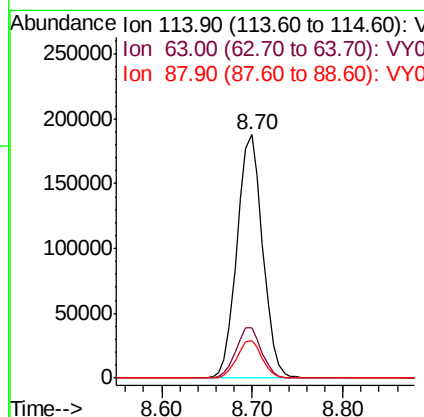
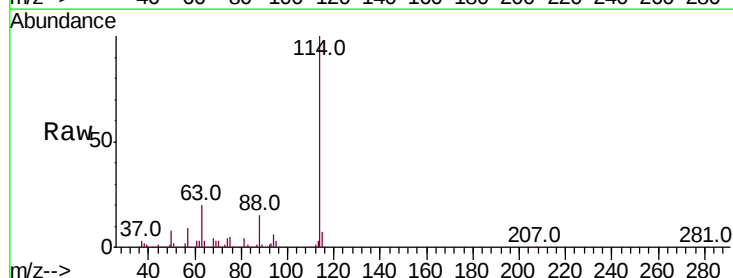
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

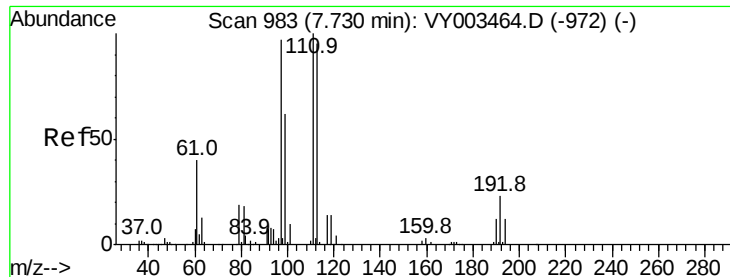
Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.6
88	15.5	0.0	29.4

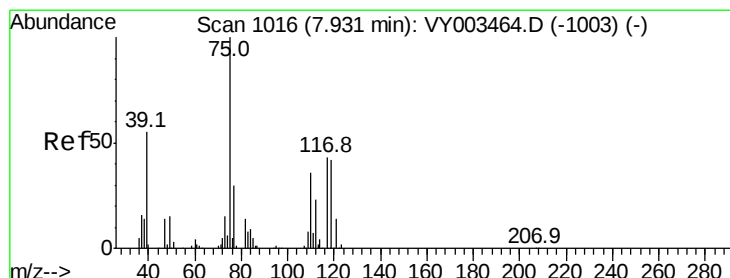
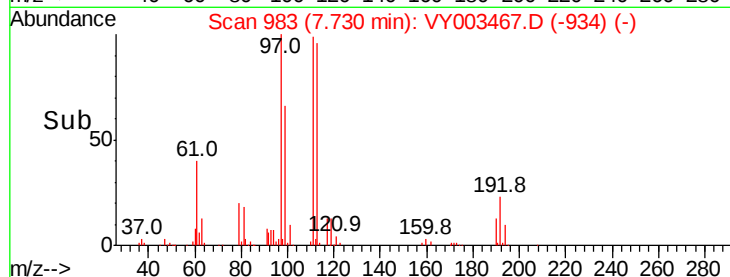
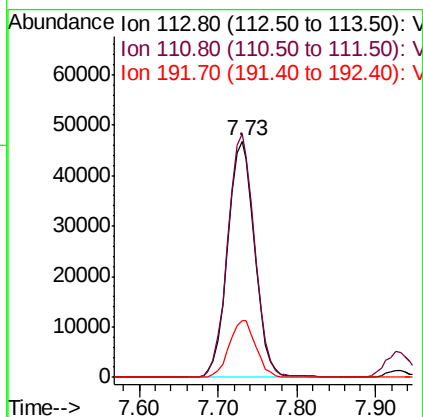
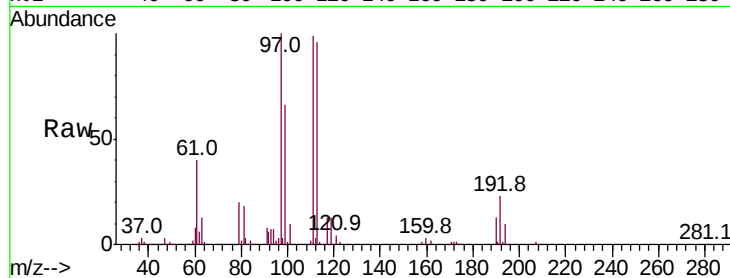




#35
 Dibromofluoromethane
 Concen: 49.736 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

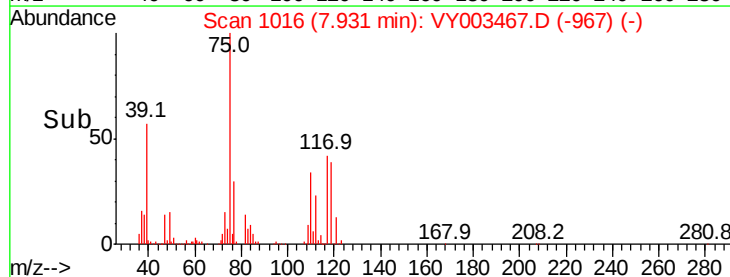
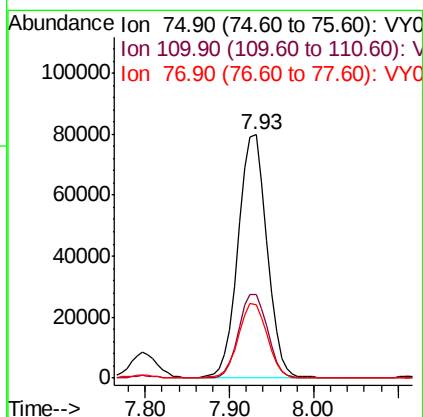
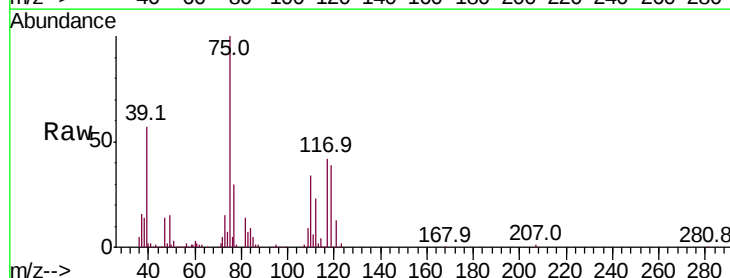
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

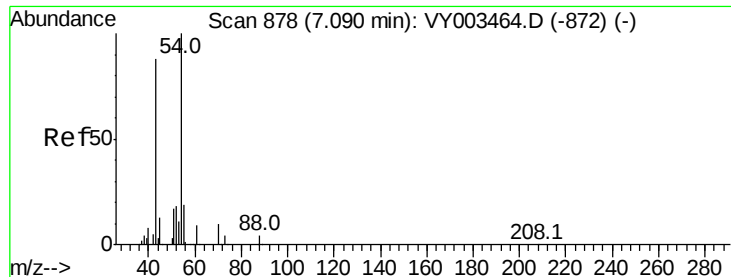
Tot Ion:113 Resp: 111435
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.6
 192 23.8 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 52.806 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Tgt Ion: 75 Resp: 183314
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.6 52.9
 77 31.1 24.7 37.1

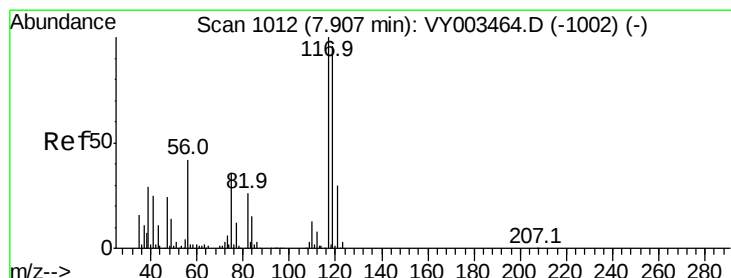
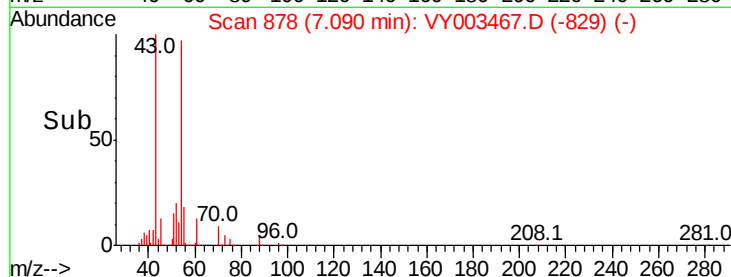
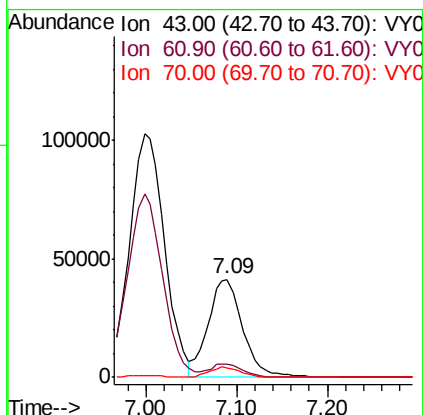
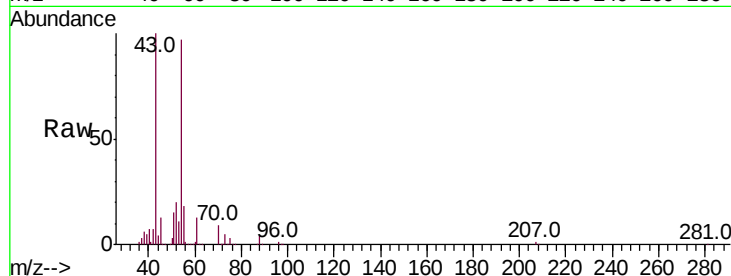




#37
Ethyl Acetate
Concen: 50.965 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

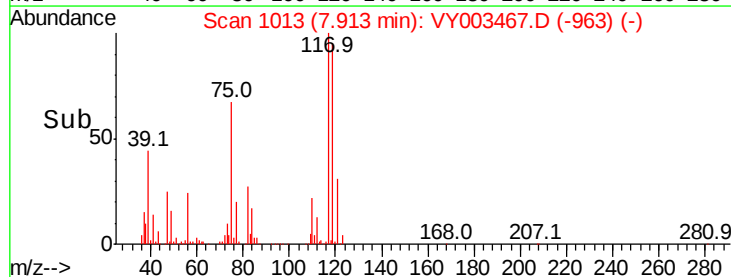
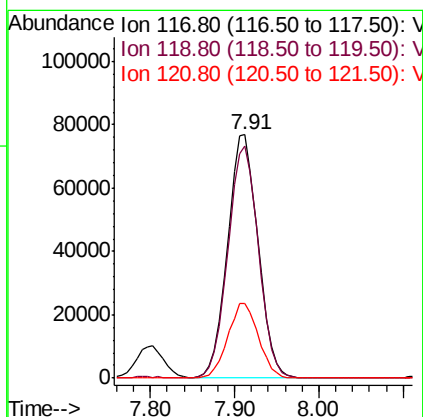
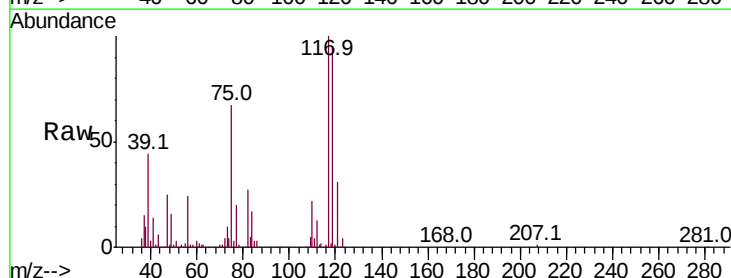
Instrument :
MSVOA_Y
ClientSampleId :
ICVY110220

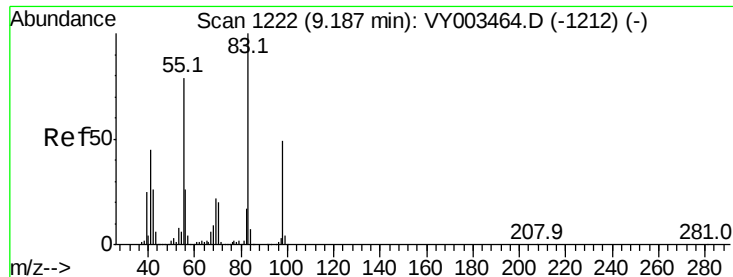
Tot Ion: 43 Resp: 109862
Ion Ratio Lower Upper
43 100
61 13.1 11.0 16.6
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 52.310 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 117 Resp: 188386
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4
121 30.7 24.2 36.4

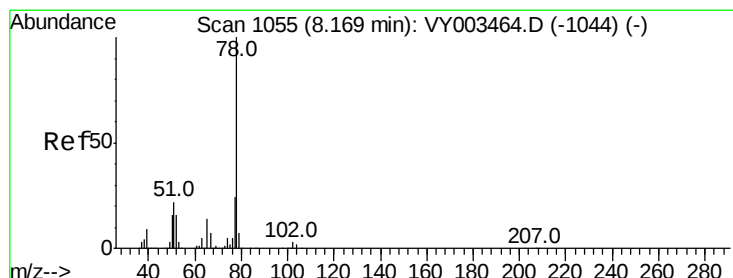
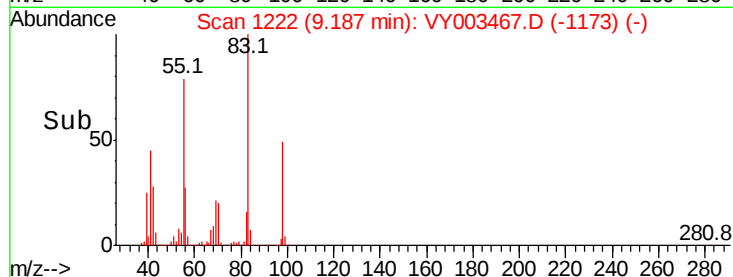
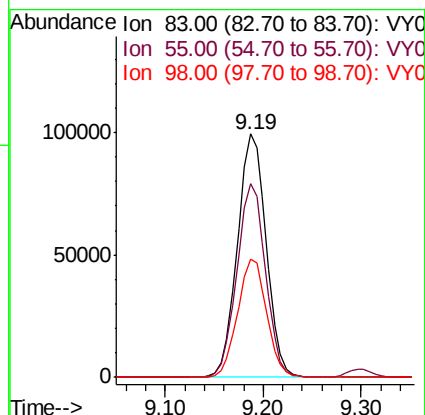
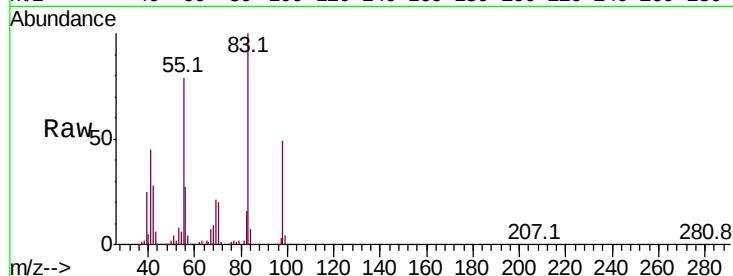




#39
Methvlcvclohexane
Concen: 52.534 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

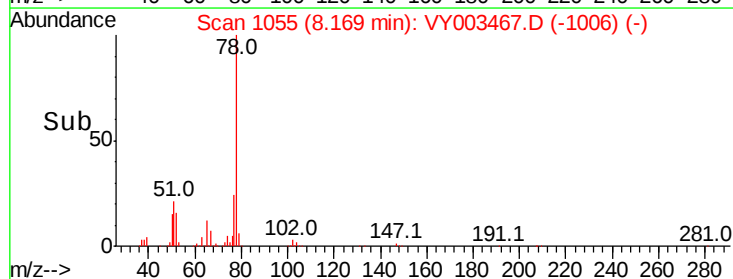
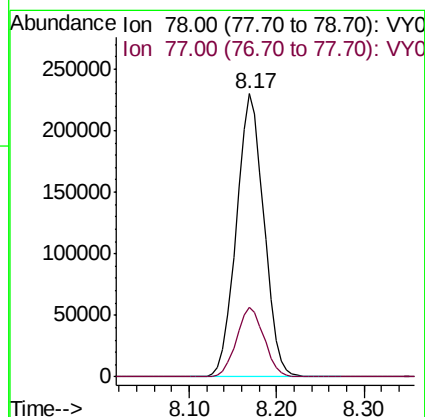
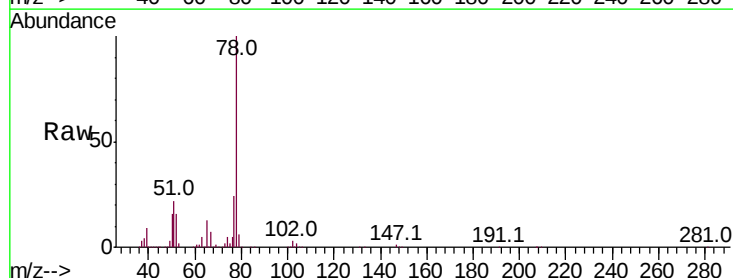
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110220

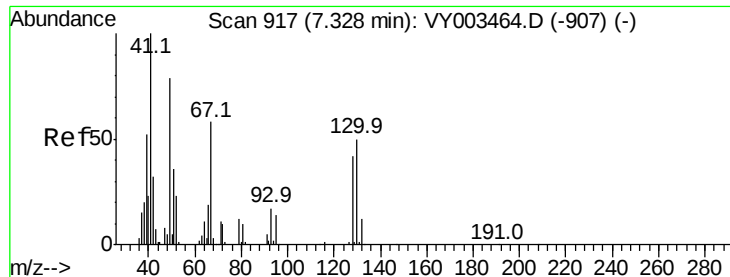
Tot Ion: 83 Resp: 203065
Ion Ratio Lower Upper
83 100
55 79.4 63.5 95.3
98 48.5 39.4 59.2



#40
Benzene
Concen: 51.997 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 78 Resp: 502329
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0

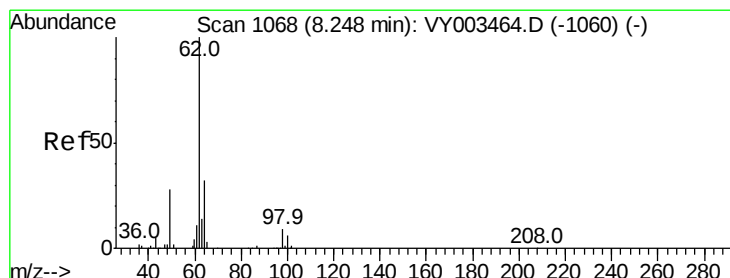
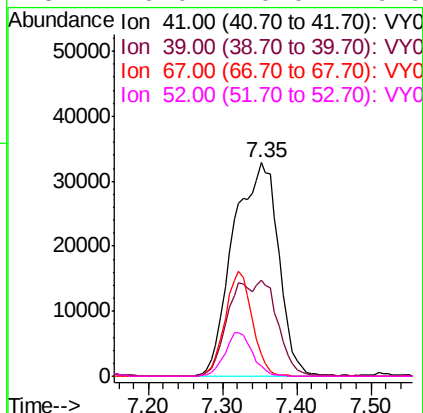
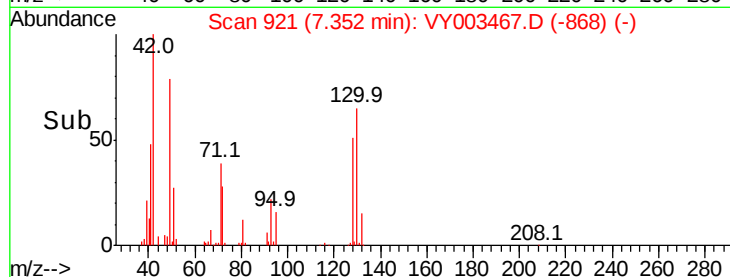
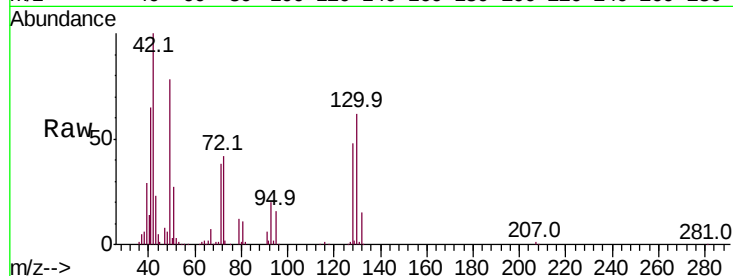




#41
Methacrylonitrile
Concen: 121.597 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

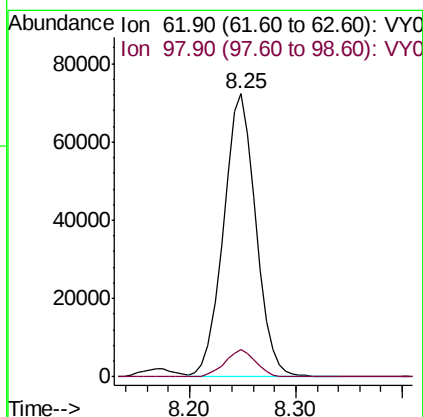
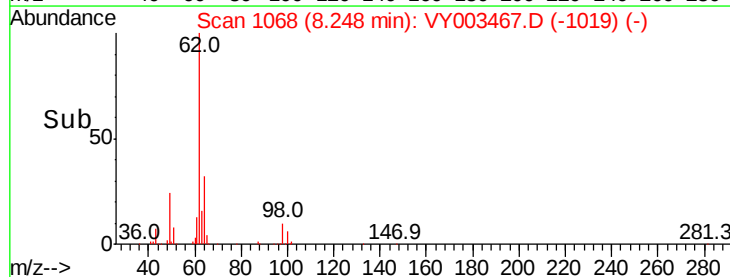
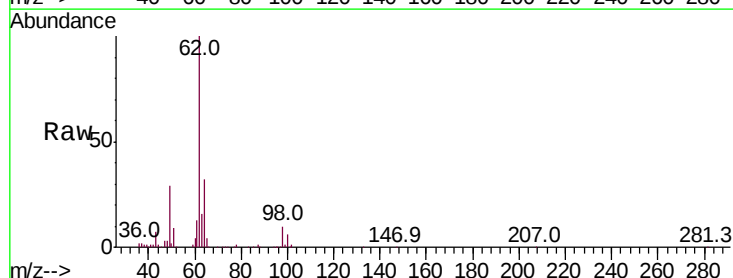
Instrument :
MSVOA_Y
ClientSampleId :
ICVY110220

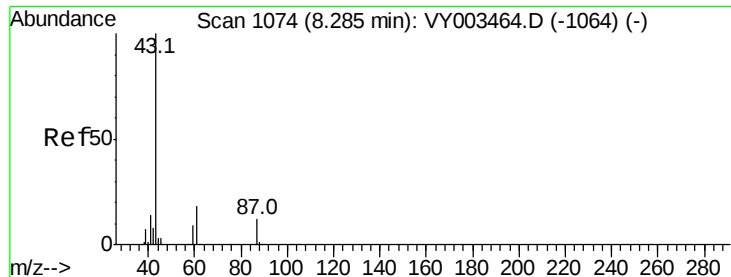
Tot Ion:	41	Resp:	139973
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.600 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

Tgt Ion:	62	Resp:	153170
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2





#43

Isopropyl Acetate

Concen: 51.440 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY110220

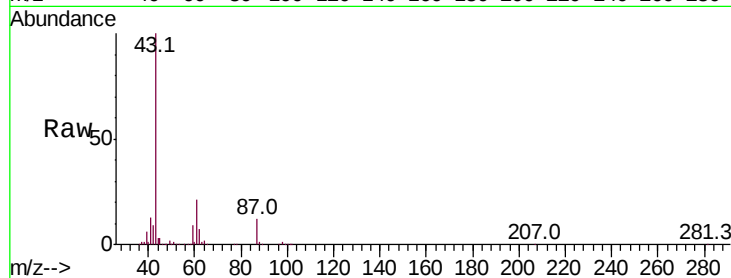
Tot Ion: 43 Resp: 199282

Ion Ratio Lower Upper

43 100

61 28.3 21.9 32.9

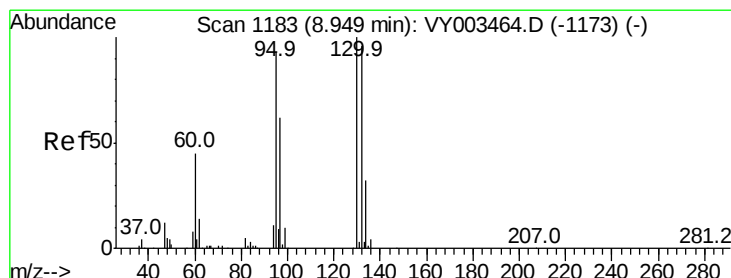
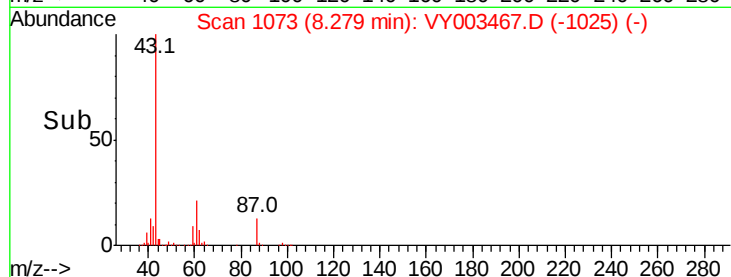
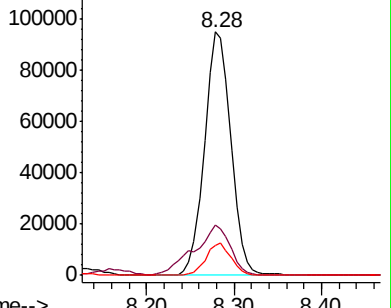
87 12.7 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VY003467.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY003467.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY003467.D (-1073) (-)



#44

Trichloroethene

Concen: 51.517 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY003467.D

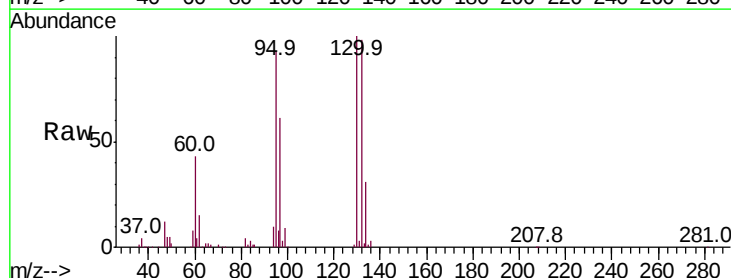
Acq: 02 Nov 2020 12:48

Tgt Ion:130 Resp: 139718

Ion Ratio Lower Upper

130 100

95 93.3 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003467.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY003467.D (-1183) (-)

Ion 130.00 (129.70 to 130.30): VY003467.D (-1183) (-)

Ion 131.00 (130.70 to 131.30): VY003467.D (-1183) (-)

Ion 132.00 (131.70 to 132.30): VY003467.D (-1183) (-)

Ion 133.00 (132.70 to 133.30): VY003467.D (-1183) (-)

Ion 134.00 (133.70 to 134.30): VY003467.D (-1183) (-)

Ion 135.00 (134.70 to 135.30): VY003467.D (-1183) (-)

Ion 136.00 (135.70 to 136.30): VY003467.D (-1183) (-)

Ion 137.00 (136.70 to 137.30): VY003467.D (-1183) (-)

Ion 138.00 (137.70 to 138.30): VY003467.D (-1183) (-)

Ion 139.00 (138.70 to 139.30): VY003467.D (-1183) (-)

Ion 140.00 (139.70 to 140.30): VY003467.D (-1183) (-)

Ion 141.00 (140.70 to 141.30): VY003467.D (-1183) (-)

Ion 142.00 (141.70 to 142.30): VY003467.D (-1183) (-)

Ion 143.00 (142.70 to 143.30): VY003467.D (-1183) (-)

Ion 144.00 (143.70 to 144.30): VY003467.D (-1183) (-)

Ion 145.00 (144.70 to 145.30): VY003467.D (-1183) (-)

Ion 146.00 (145.70 to 146.30): VY003467.D (-1183) (-)

Ion 147.00 (146.70 to 147.30): VY003467.D (-1183) (-)

Ion 148.00 (147.70 to 148.30): VY003467.D (-1183) (-)

Ion 149.00 (148.70 to 149.30): VY003467.D (-1183) (-)

Ion 150.00 (149.70 to 150.30): VY003467.D (-1183) (-)

Ion 151.00 (150.70 to 151.30): VY003467.D (-1183) (-)

Ion 152.00 (151.70 to 152.30): VY003467.D (-1183) (-)

Ion 153.00 (152.70 to 153.30): VY003467.D (-1183) (-)

Ion 154.00 (153.70 to 154.30): VY003467.D (-1183) (-)

Ion 155.00 (154.70 to 155.30): VY003467.D (-1183) (-)

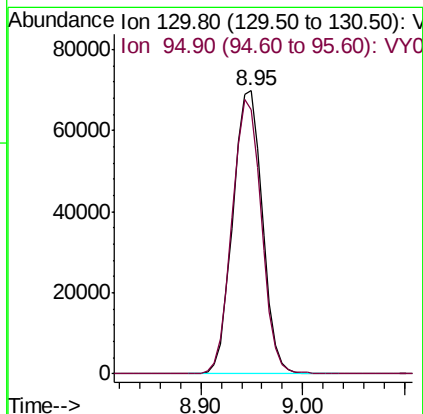
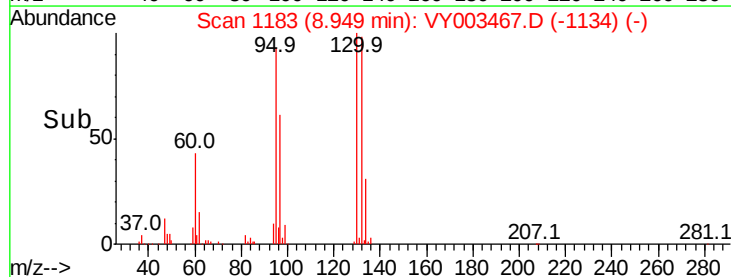
Ion 156.00 (155.70 to 156.30): VY003467.D (-1183) (-)

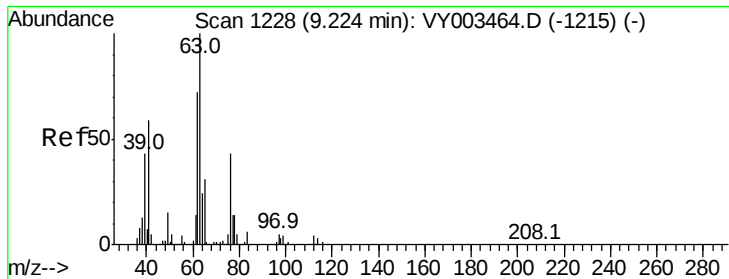
Ion 157.00 (156.70 to 157.30): VY003467.D (-1183) (-)

Ion 158.00 (157.70 to 158.30): VY003467.D (-1183) (-)

Ion 159.00 (158.70 to 159.30): VY003467.D (-1183) (-)

Ion 160.00 (159.70 to 160.30): VY003467.D (-1183) (-)





#45

1,2-Dichloropropane

Concen: 52.713 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

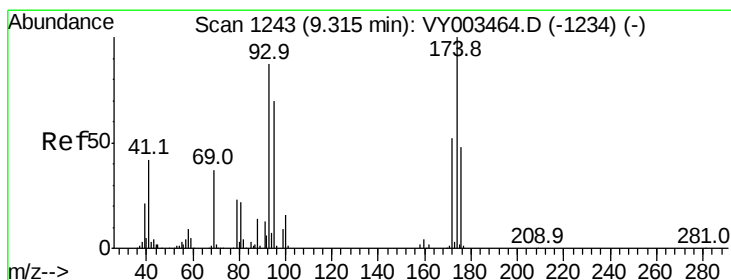
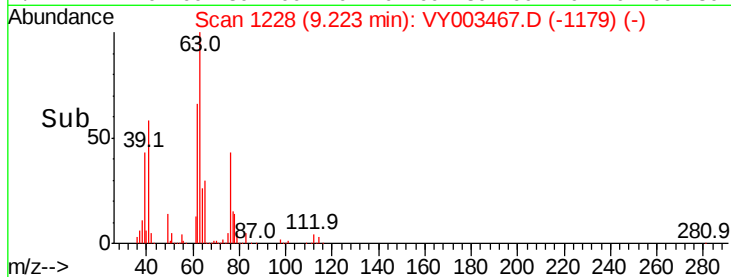
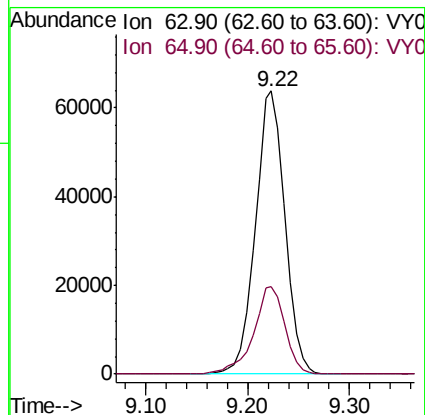
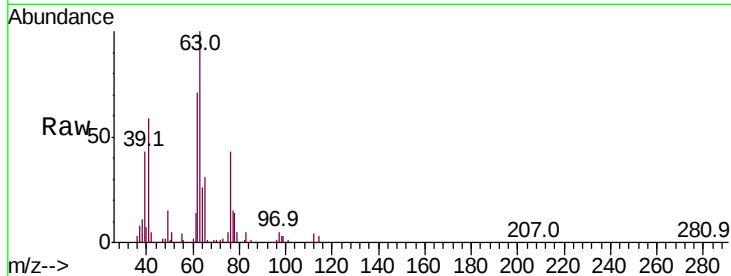
ICVVY110220

Tot Ion: 63 Resp: 128604

Ion Ratio Lower Upper

63 100

65 31.1 24.6 36.8



#46

Dibromomethane

Concen: 51.233 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

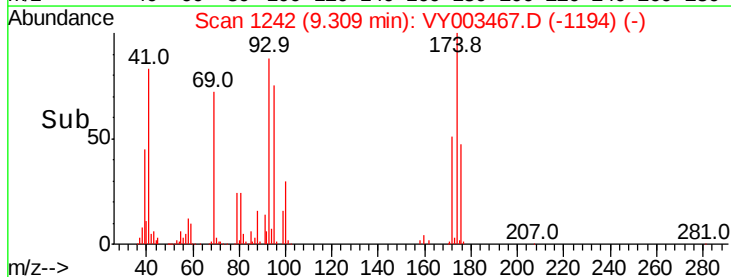
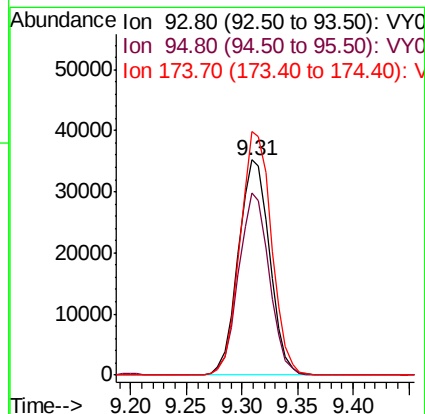
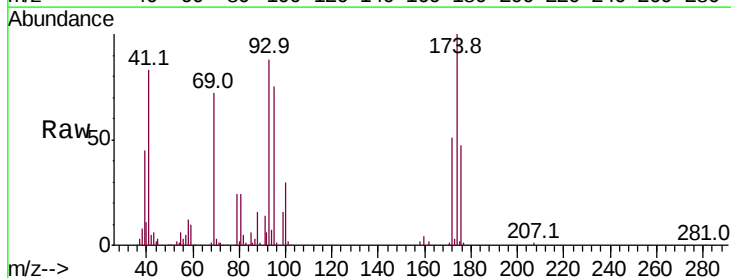
Tgt Ion: 93 Resp: 68766

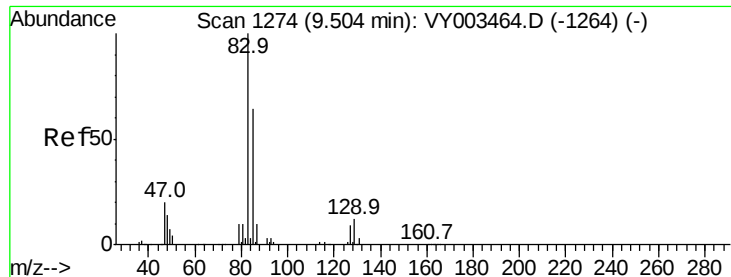
Ion Ratio Lower Upper

93 100

95 82.8 65.0 97.6

174 113.4 91.8 137.6





#47

Bromodichloromethane

Concen: 52.457 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY110220

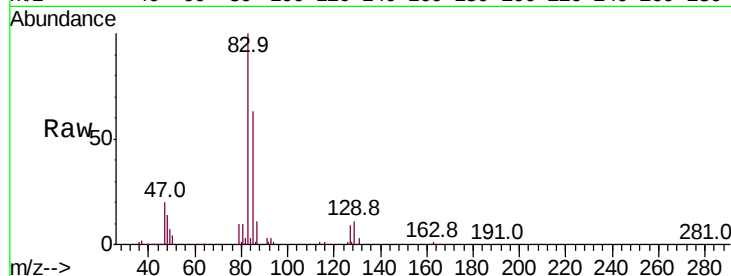
Tot Ion: 83 Resp: 172332

Ion Ratio Lower Upper

83 100

85 63.2 51.0 76.6

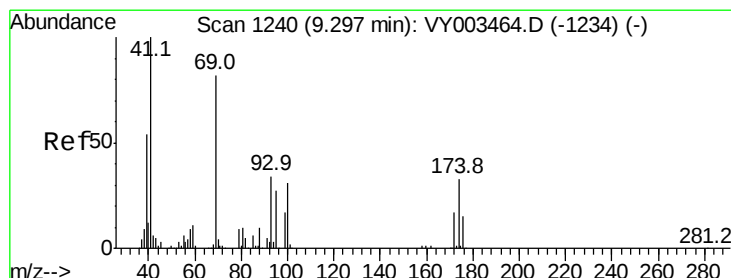
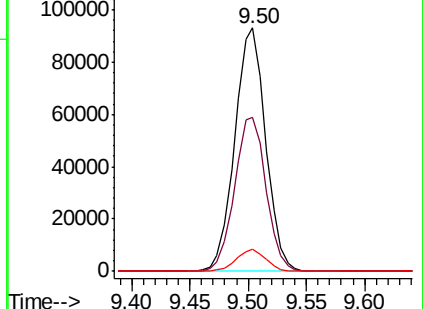
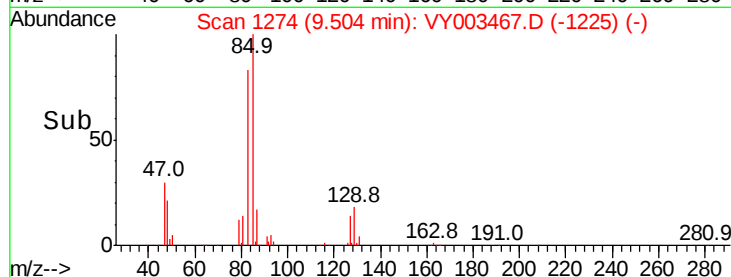
127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 51.218 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

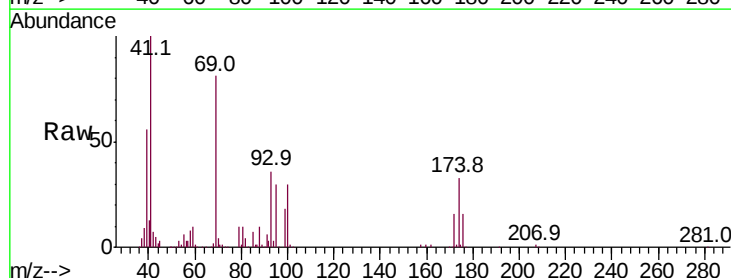
Tgt Ion: 41 Resp: 93468

Ion Ratio Lower Upper

41 100

69 84.3 65.9 98.9

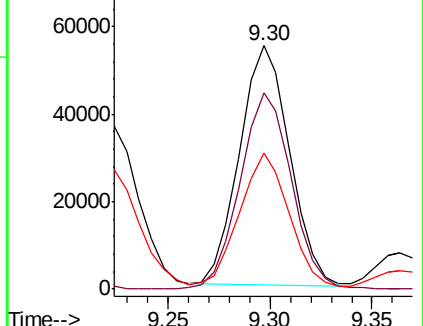
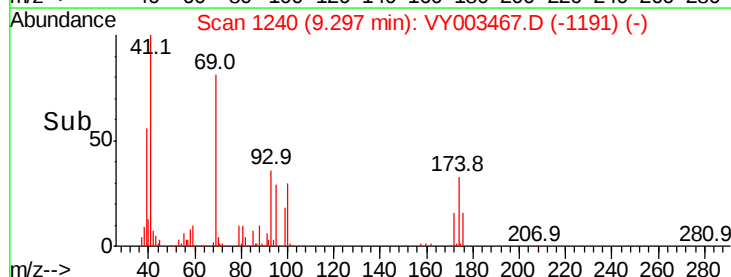
39 57.0 43.2 64.8

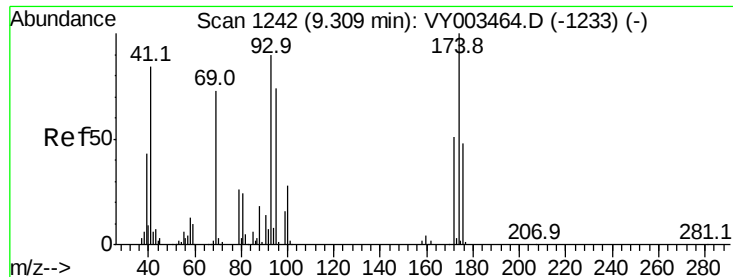


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 998.714 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY110220

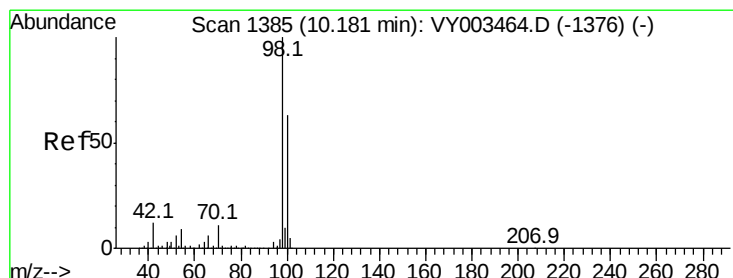
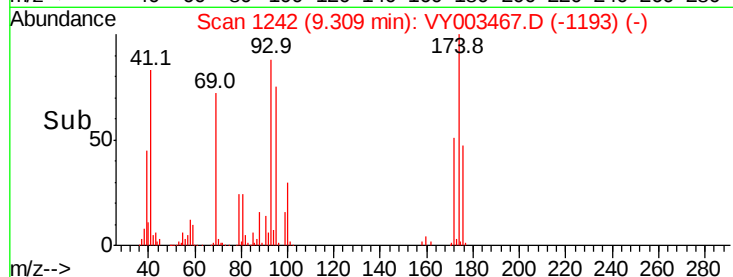
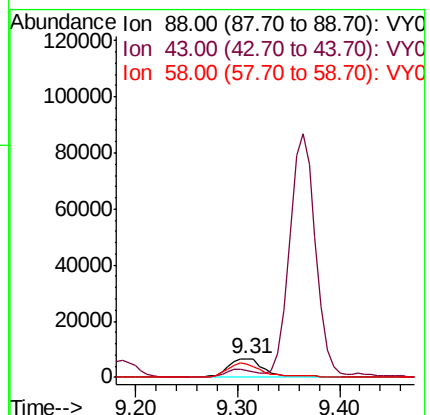
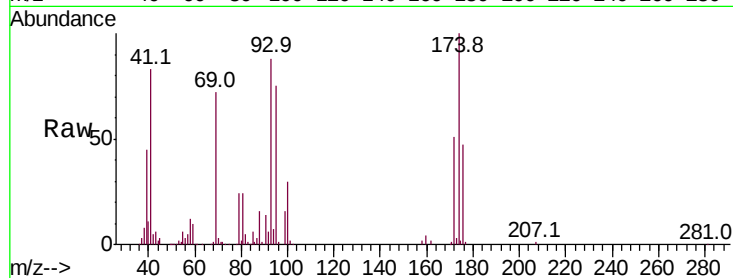
Tot Ion: 88 Resp: 16726

Ion Ratio Lower Upper

88 100

43 34.1 27.6 41.4

58 78.9 54.2 81.2



#50

Toluene-d8

Concen: 49.475 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003467.D

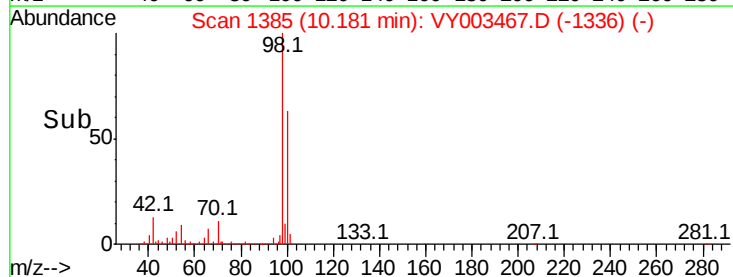
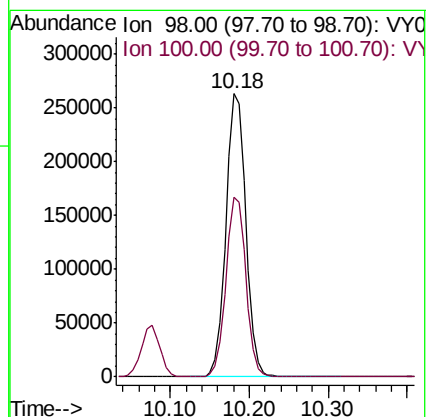
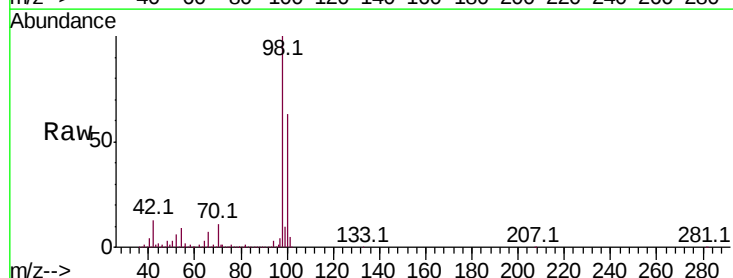
Acq: 02 Nov 2020 12:48

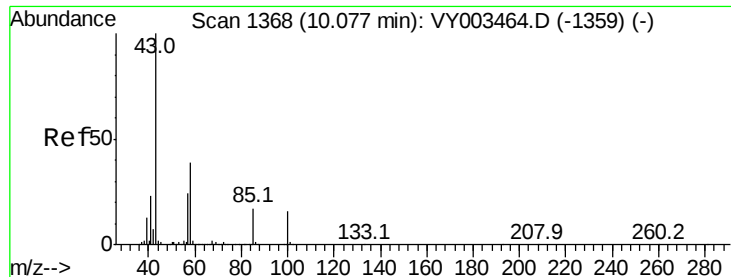
Tgt Ion: 98 Resp: 461147

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 256.740 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

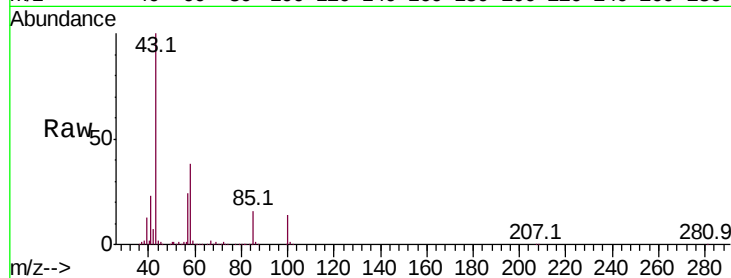
ICVY110220

Tot Ion: 43 Resp: 529933

Ion Ratio Lower Upper

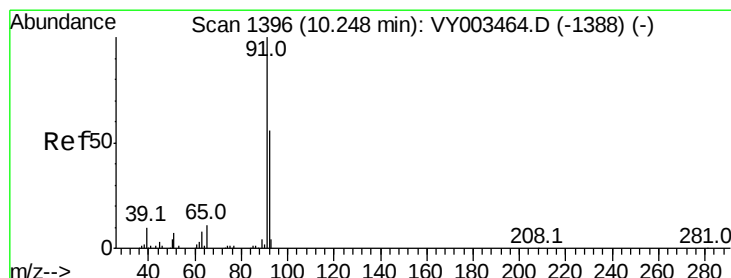
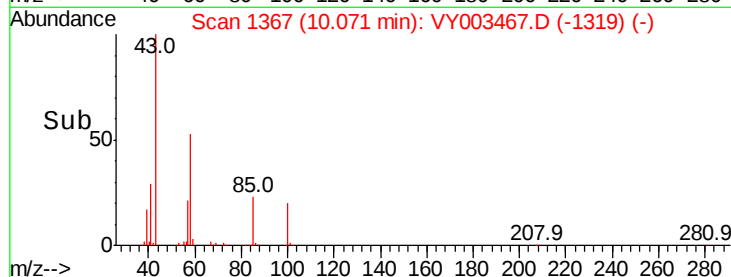
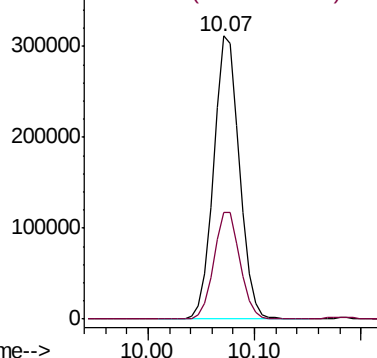
43 100

58 38.3 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VY003467.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY003467.D (-1359) (-)



#52

Toluene

Concen: 52.469 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY003467.D

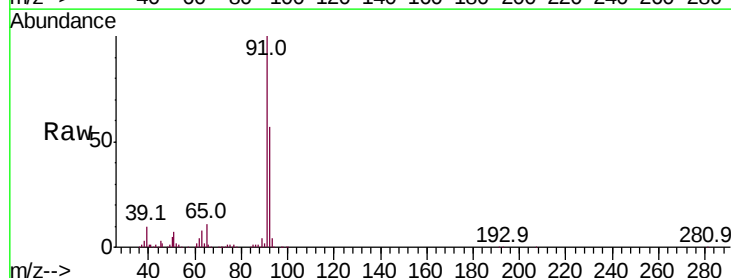
Acq: 02 Nov 2020 12:48

Tgt Ion: 92 Resp: 317041

Ion Ratio Lower Upper

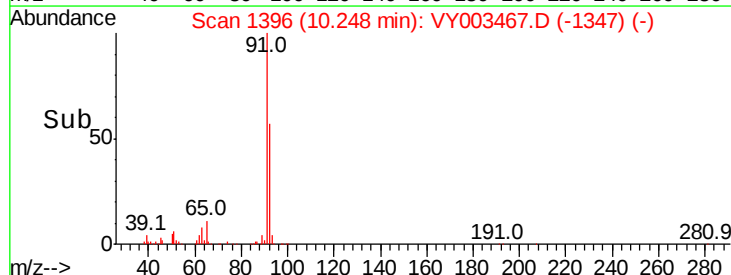
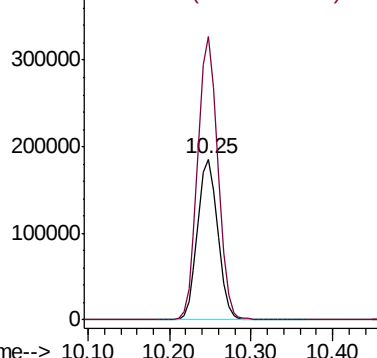
92 100

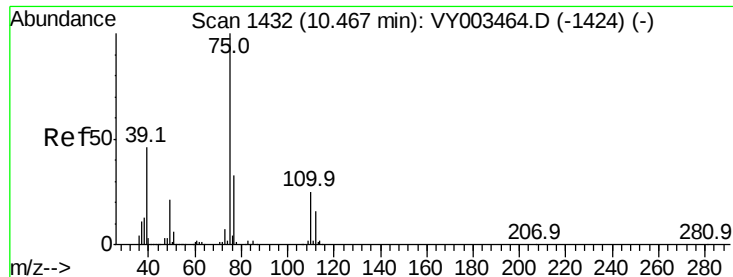
91 175.5 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY003467.D (-1388) (-)

Ion 91.00 (90.70 to 91.70): VY003467.D (-1388) (-)





#53

t-1,3-Dichloropropene

Concen: 52.437 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

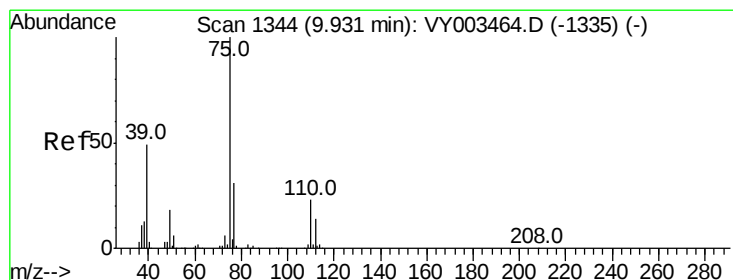
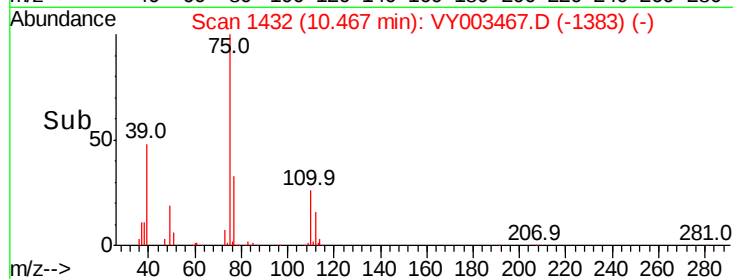
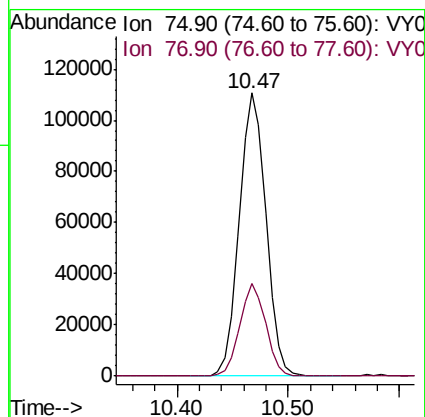
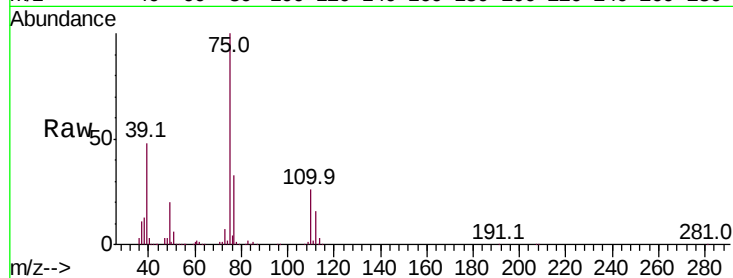
ICVY110220

Tot Ion: 75 Resp: 183327

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 53.323 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

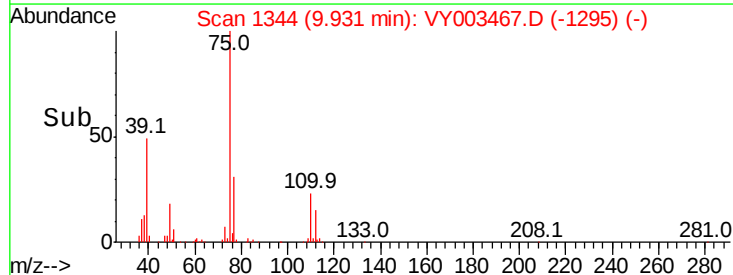
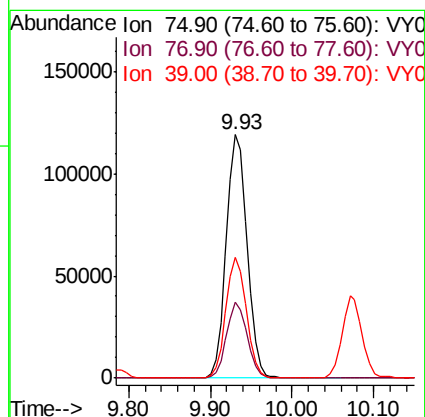
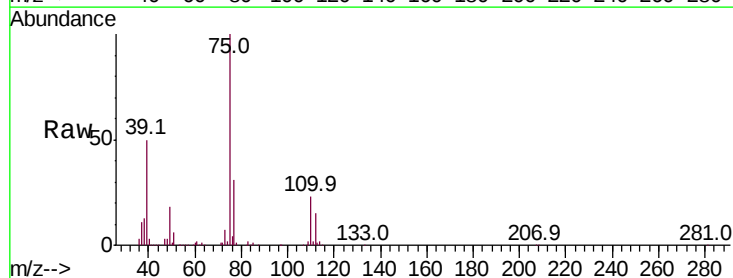
Tgt Ion: 75 Resp: 209779

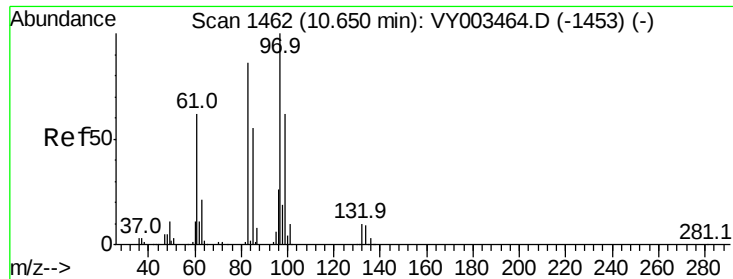
Ion Ratio Lower Upper

75 100

77 31.1 24.5 36.7

39 49.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 50.461 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY110220

Tot Ion: 97 Resp: 96145

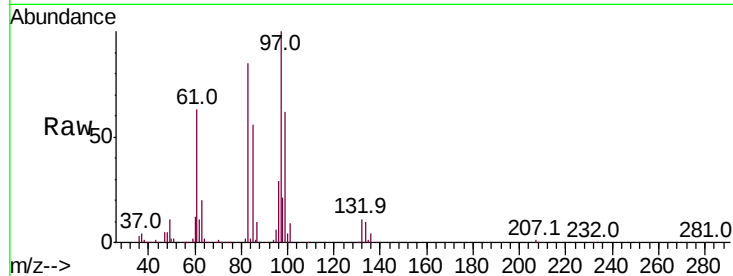
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.6	102.8
85	55.6	43.8	65.6
99	62.4	49.9	74.9

97 100

83 84.8 68.6 102.8

85 55.6 43.8 65.6

99 62.4 49.9 74.9



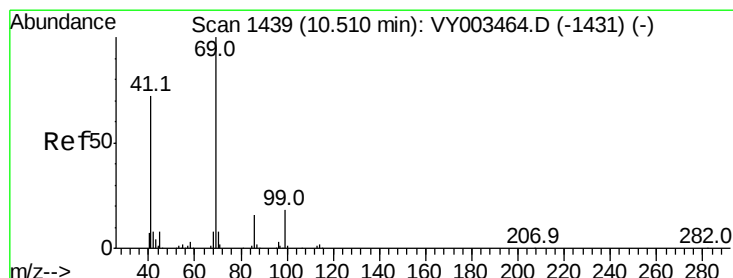
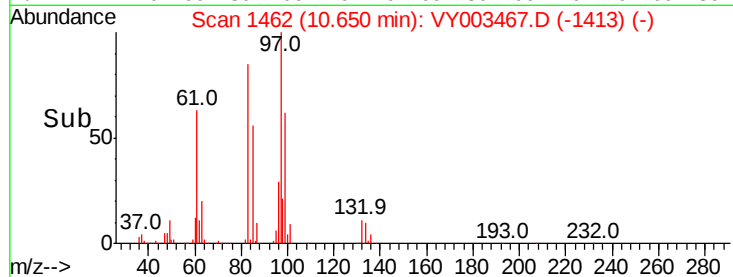
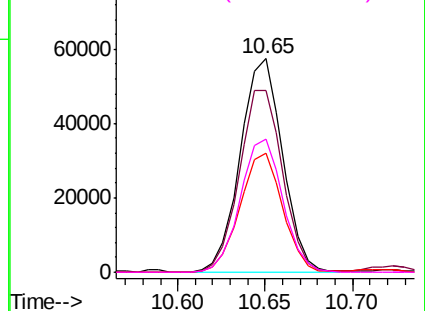
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 53.037 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

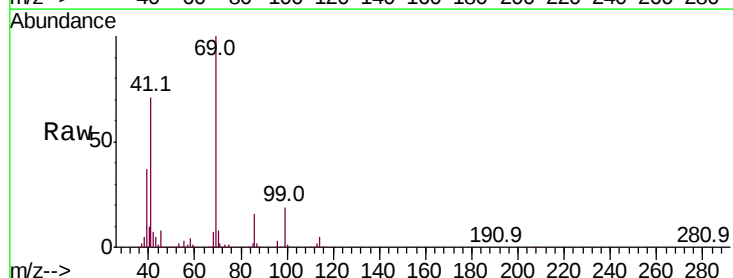
Tgt Ion: 69 Resp: 135355

Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.4	83.2
39	35.0	28.7	43.1

69 100

41 70.2 55.4 83.2

39 35.0 28.7 43.1

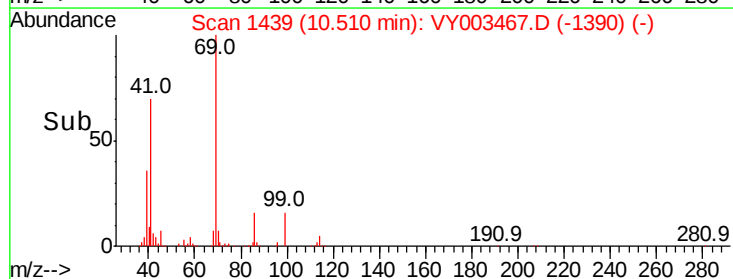
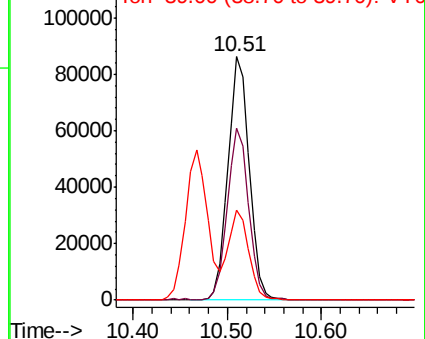


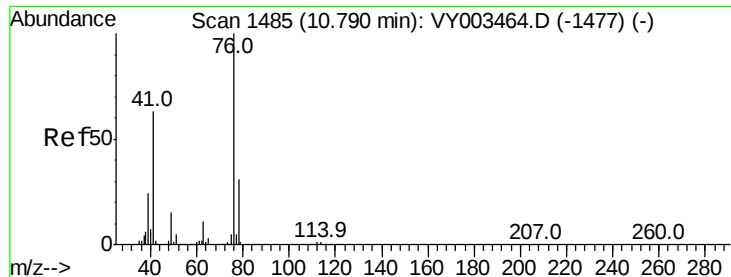
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 51.605 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

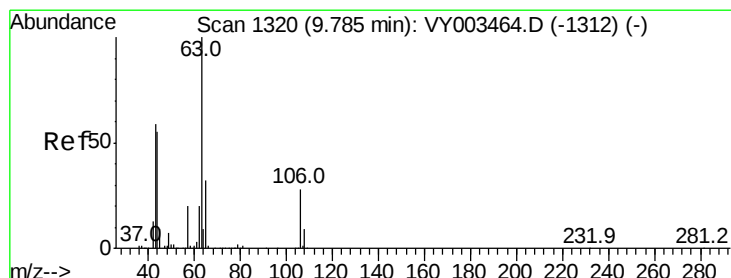
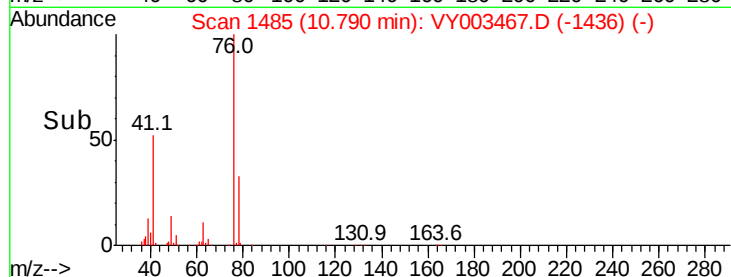
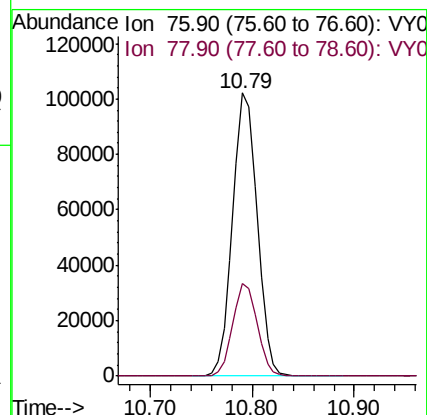
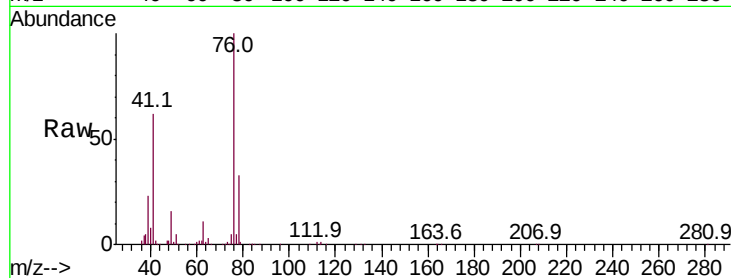
ICVVY110220

Tot Ion: 76 Resp: 170970

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 236.439 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003467.D

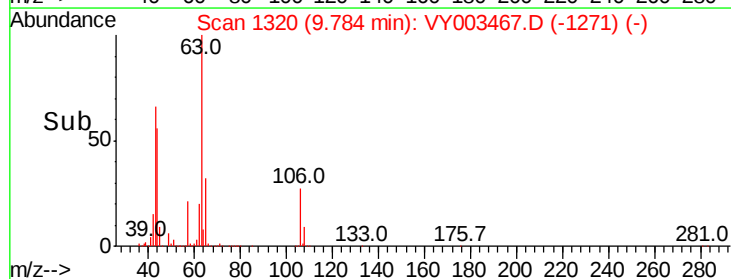
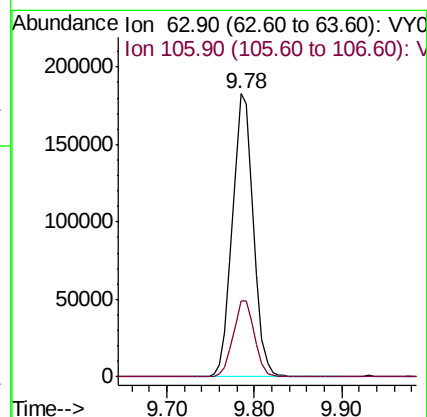
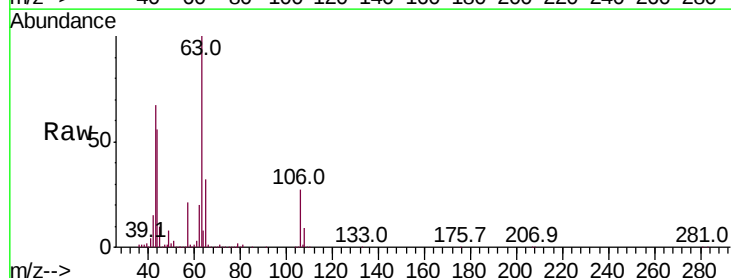
Acq: 02 Nov 2020 12:48

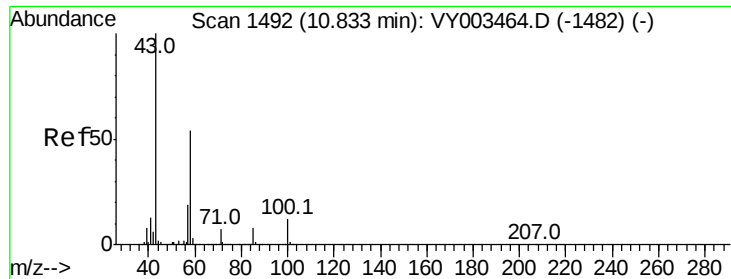
Tgt Ion: 63 Resp: 305894

Ion Ratio Lower Upper

63 100

106 27.4 22.3 33.5

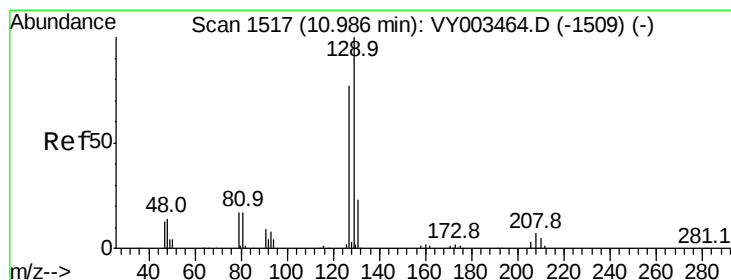
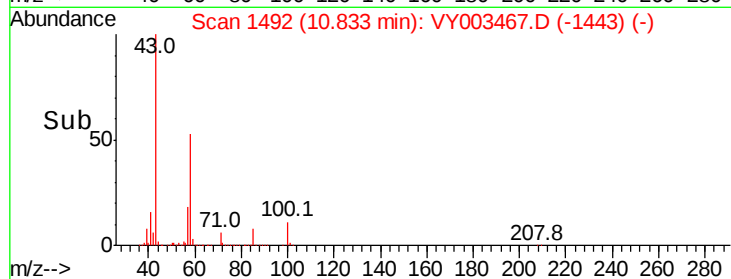
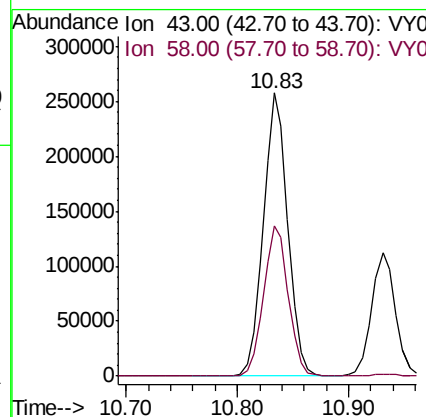
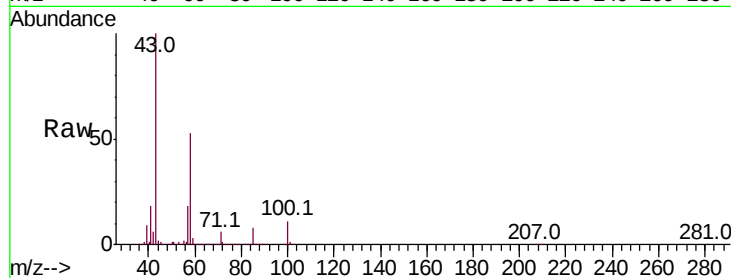




#59
2-Hexanone
Concen: 257.653 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

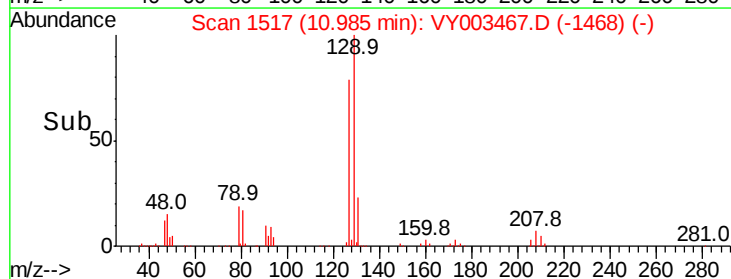
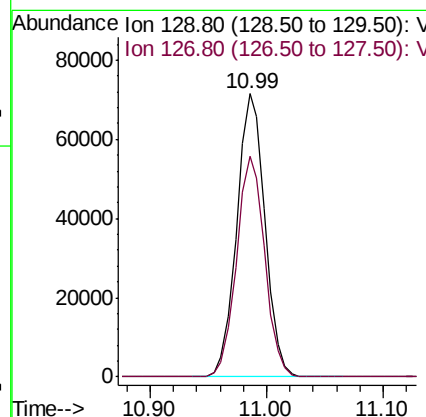
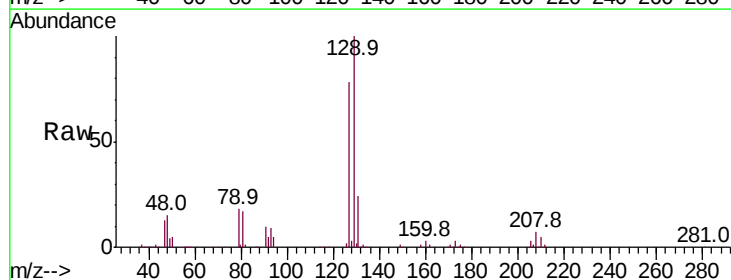
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110220

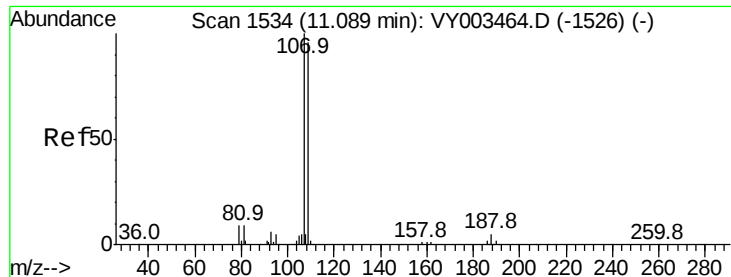
Tot Ion: 43 Resp: 393762
Ion Ratio Lower Upper
43 100
58 53.9 26.8 80.3



#60
Dibromochloromethane
Concen: 51.523 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 129 Resp: 120656
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3

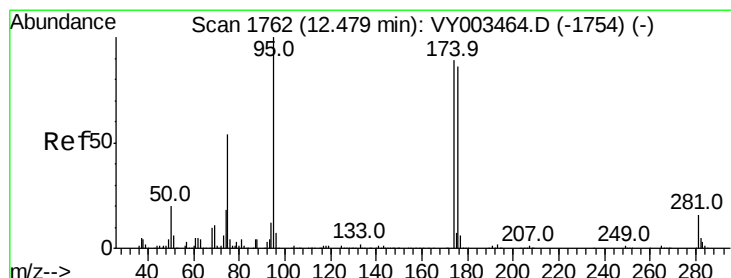
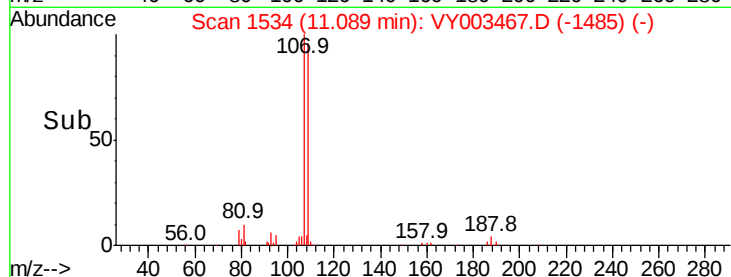
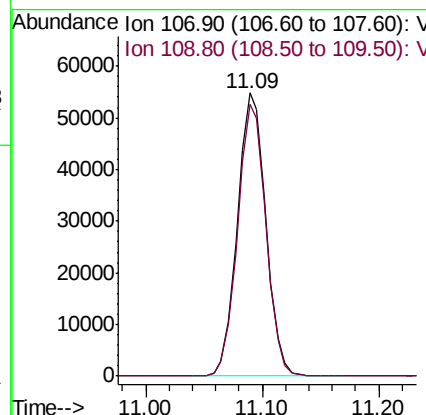
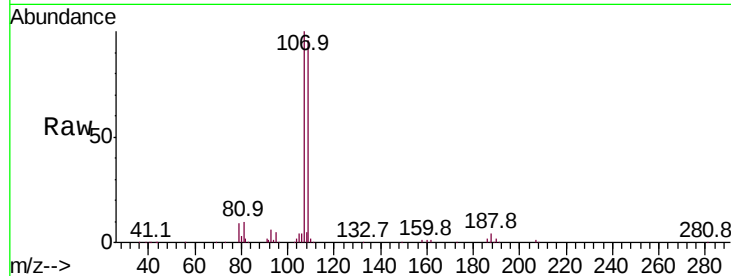




#61
 1,2-Dibromoethane
 Concen: 50.575 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

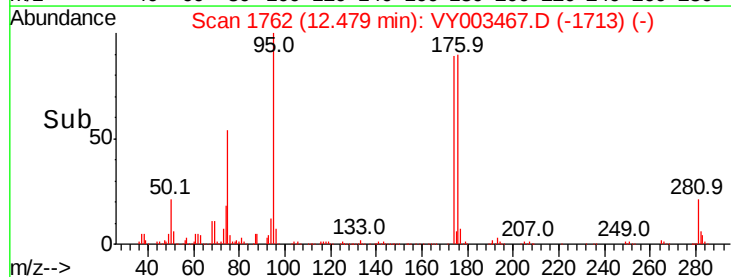
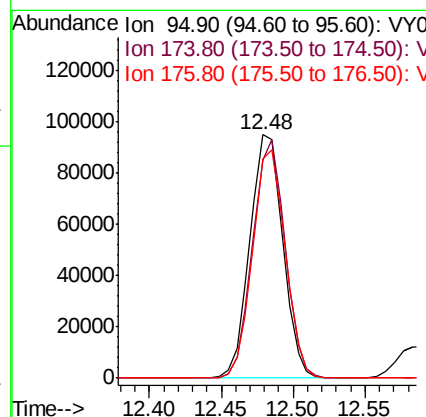
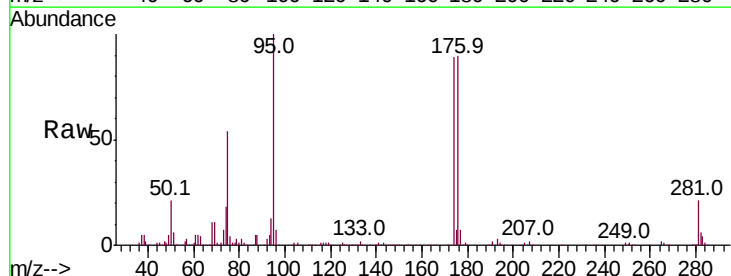
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

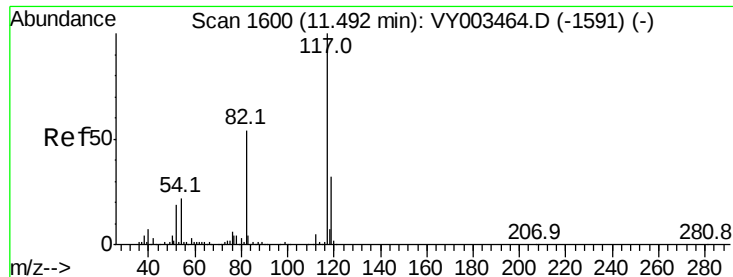
Tot Ion:107 Resp: 93031
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 48.831 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Tgt Ion: 95 Resp: 150804
 Ion Ratio Lower Upper
 95 100
 174 95.5 0.0 193.0
 176 93.0 0.0 187.4

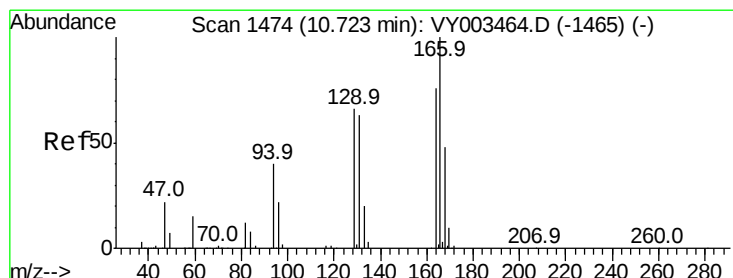
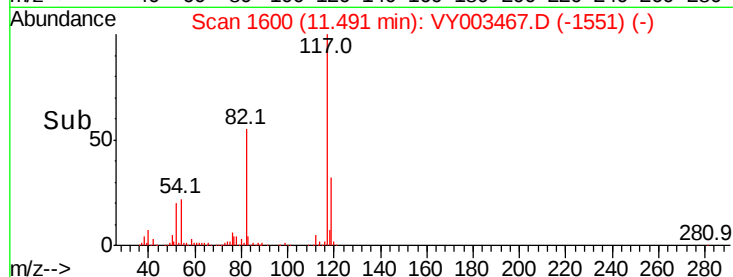
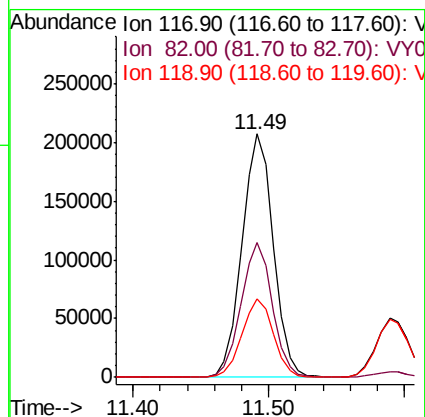
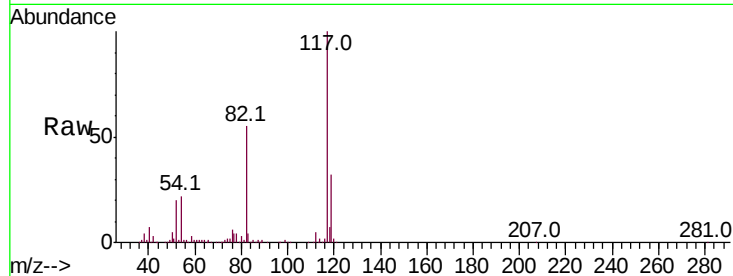




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

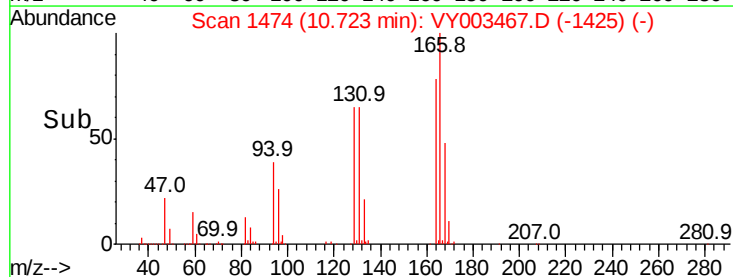
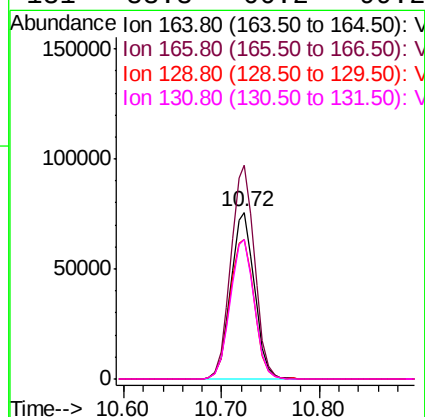
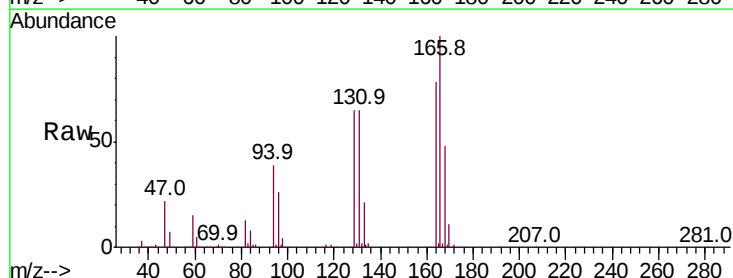
Instrument :
MSVOA_Y
ClientSampled :
ICVY110220

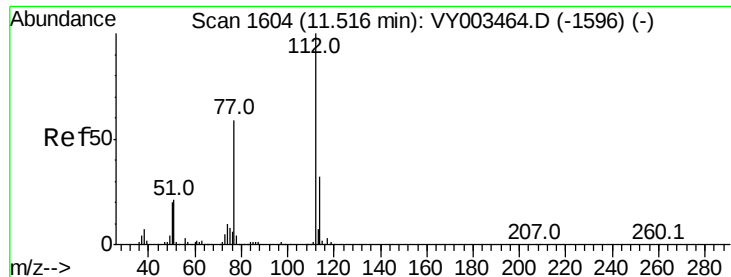
Tot Ion:117 Resp: 334371
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.2
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 50.983 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

Tgt Ion:164 Resp: 127311
Ion Ratio Lower Upper
164 100
166 127.9 104.9 157.3
129 83.3 68.9 103.3
131 83.3 66.2 99.2





#65

Chlorobenzene

Concen: 51.898 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

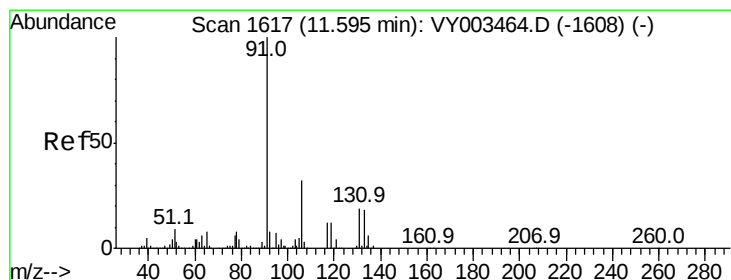
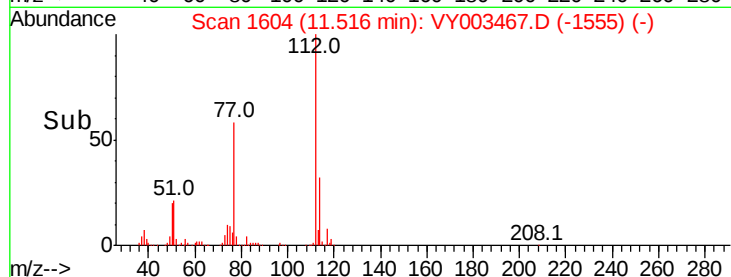
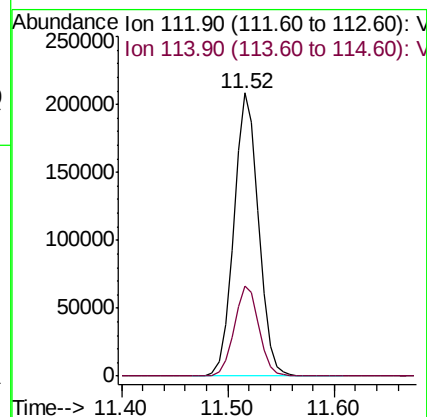
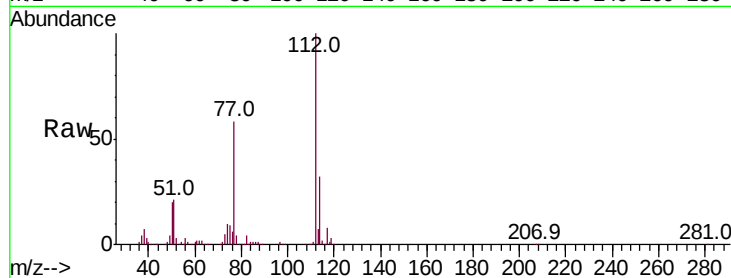
ICVY110220

Tot Ion:112 Resp: 337128

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.942 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

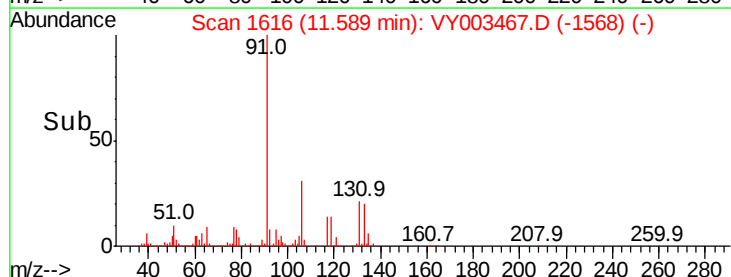
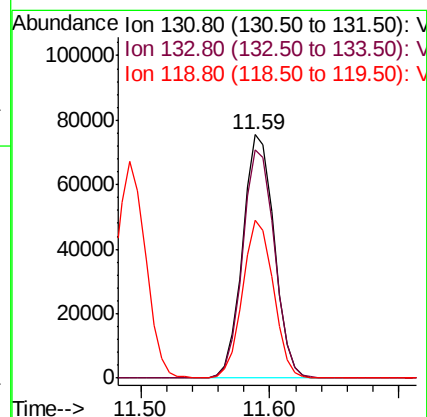
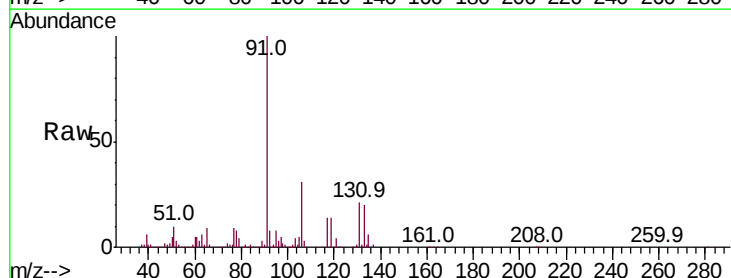
Tgt Ion:131 Resp: 127249

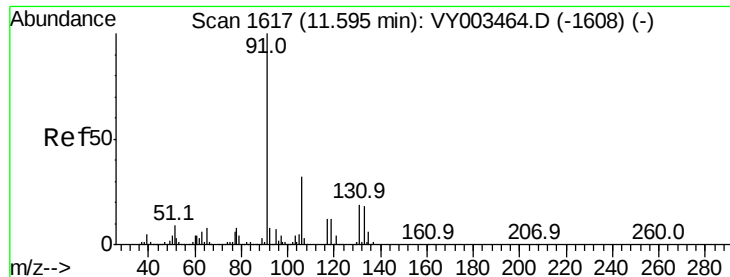
Ion Ratio Lower Upper

131 100

133 95.3 47.4 142.2

119 63.8 31.6 95.0

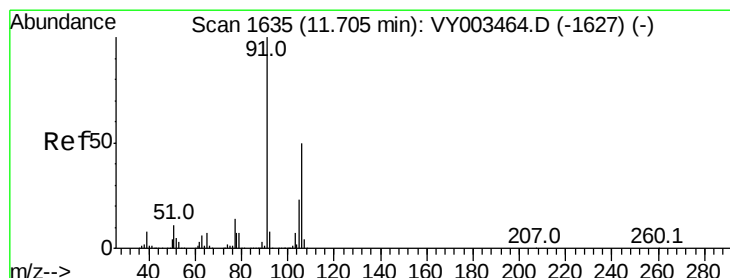
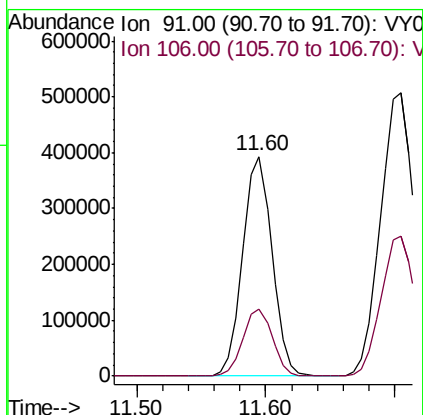
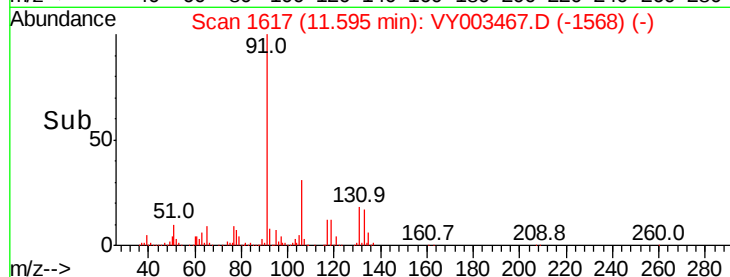
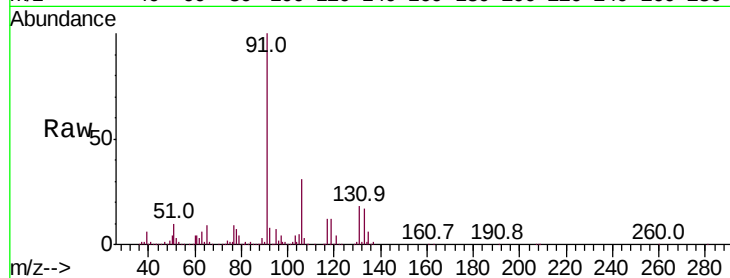




#67
Ethyl Benzene
Concen: 52.631 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

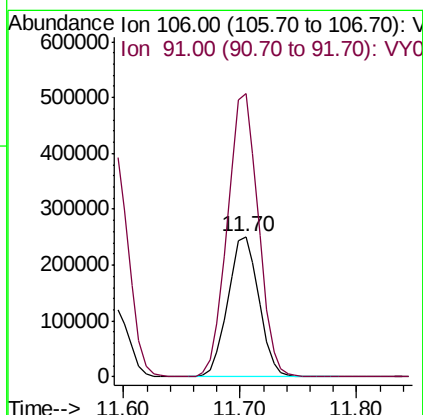
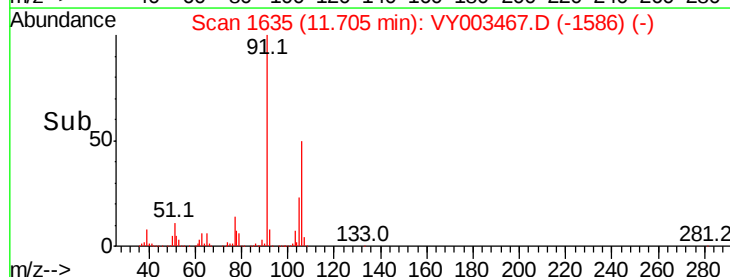
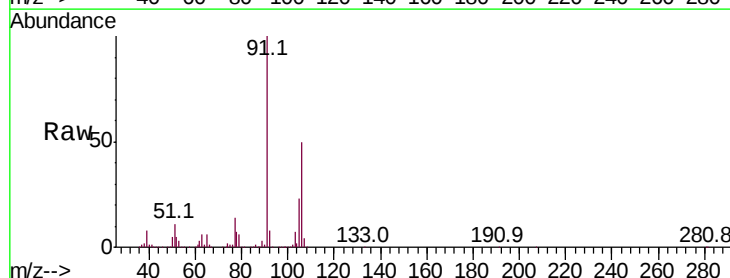
Instrument :
MSVOA_Y
ClientSampleId :
ICVY110220

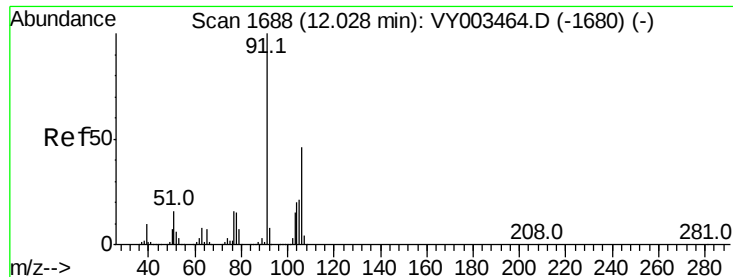
Tot Ion: 91 Resp: 619943
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0



#68
m/p-Xylenes
Concen: 103.981 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

Tgt Ion: 106 Resp: 464145
Ion Ratio Lower Upper
106 100
91 202.3 161.0 241.6

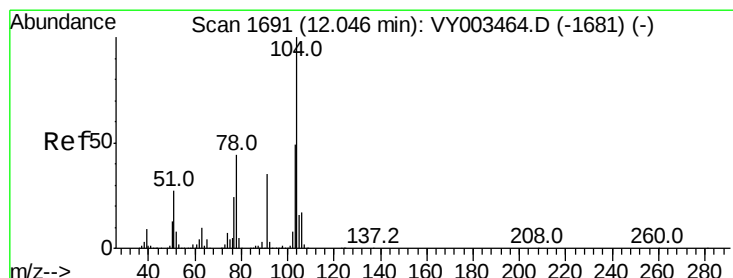
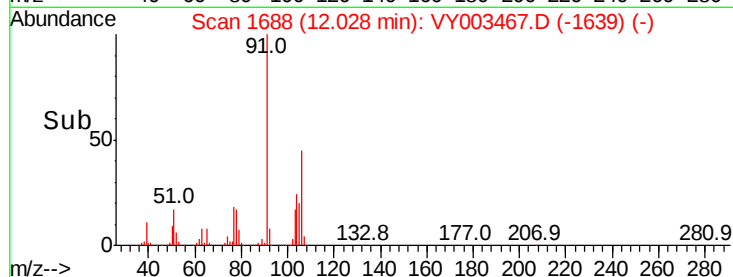
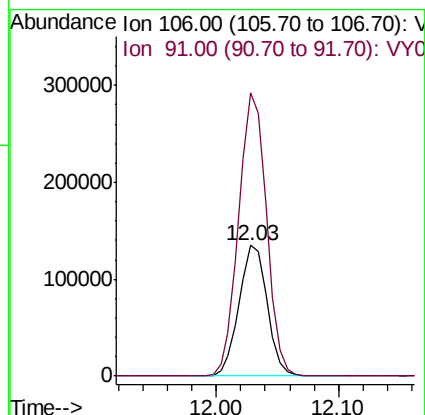
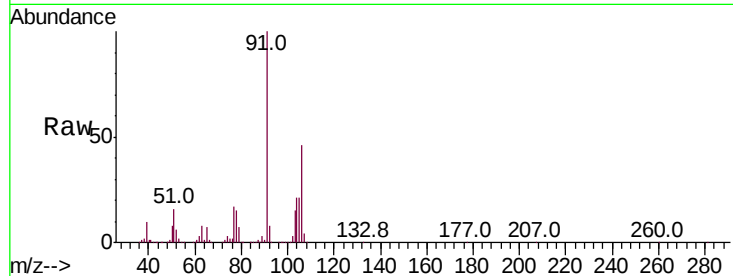




#69
o-Xylene
Concen: 52.261 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

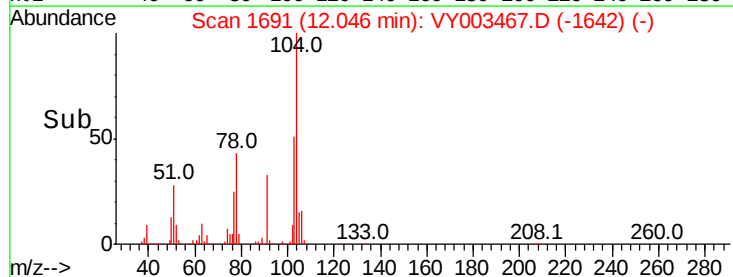
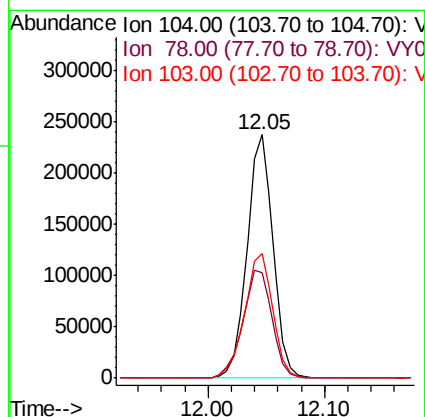
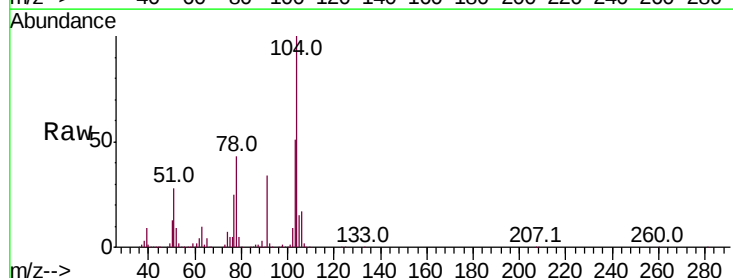
Instrument :
MSVOA_Y
ClientSampleId :
ICVY110220

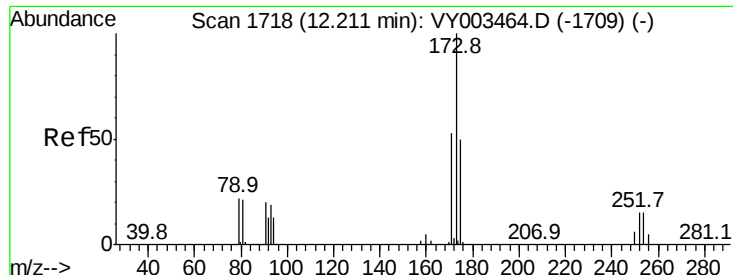
Tot Ion:106 Resp: 214590
Ion Ratio Lower Upper
106 100
91 215.1 105.5 316.5



#70
Styrene
Concen: 52.918 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

Tgt Ion:104 Resp: 368937
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 55.7 44.2 66.2





#71

Bromoform

Concen: 50.673 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY110220

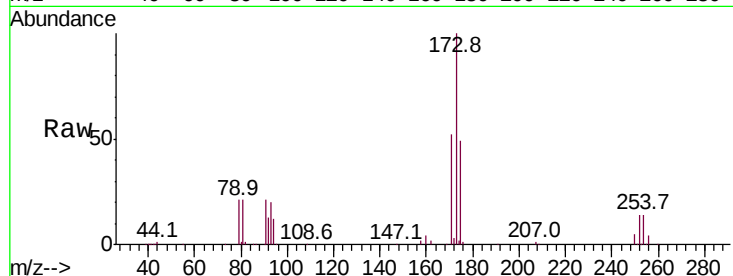
Tot Ion:173 Resp: 82745

Ion Ratio Lower Upper

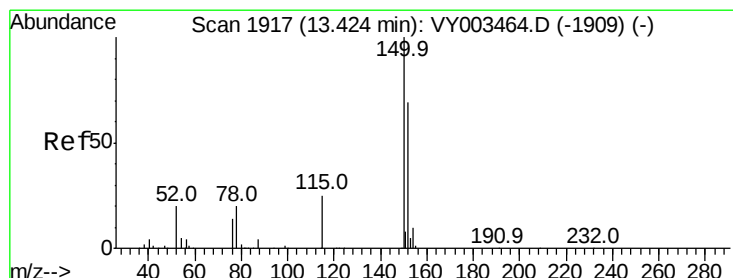
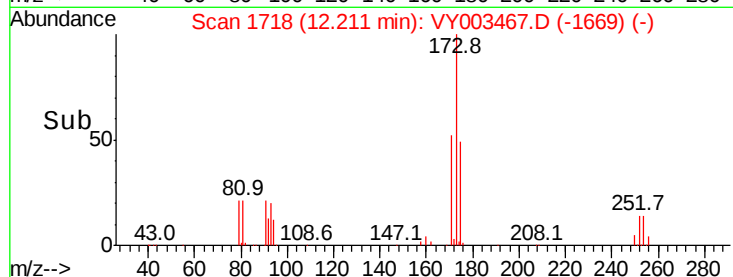
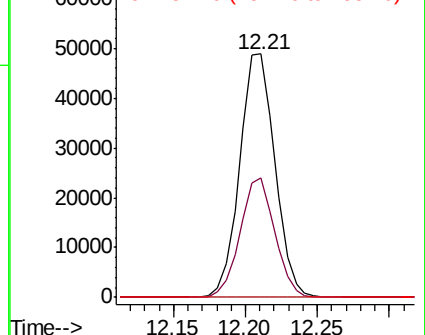
173 100

175 48.3 24.7 74.1

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

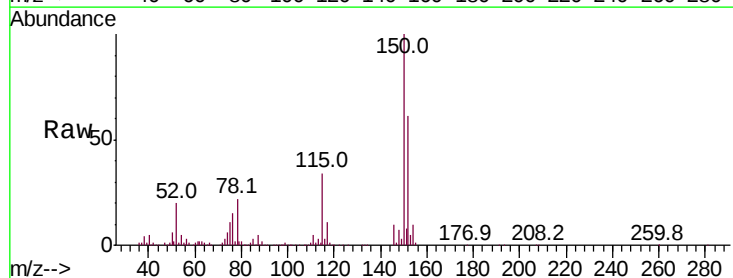
Tgt Ion:152 Resp: 171334

Ion Ratio Lower Upper

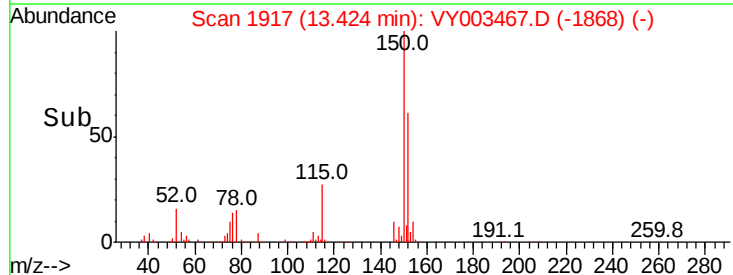
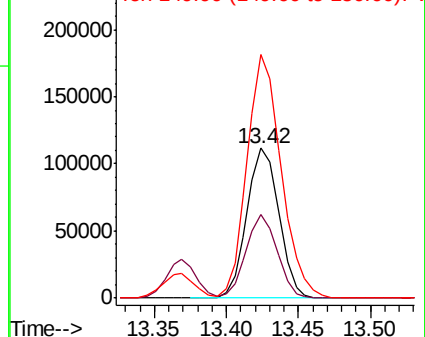
152 100

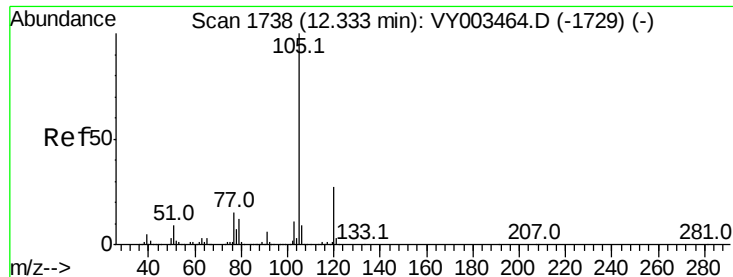
115 54.3 27.5 82.4

150 173.3 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.236 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

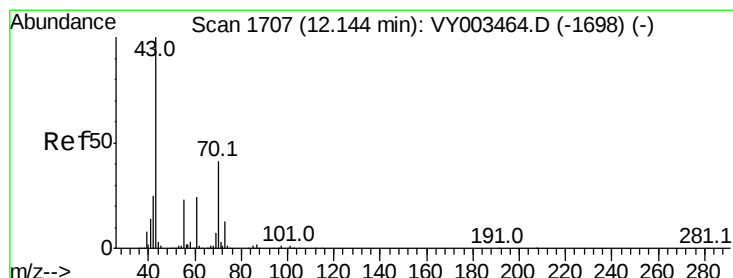
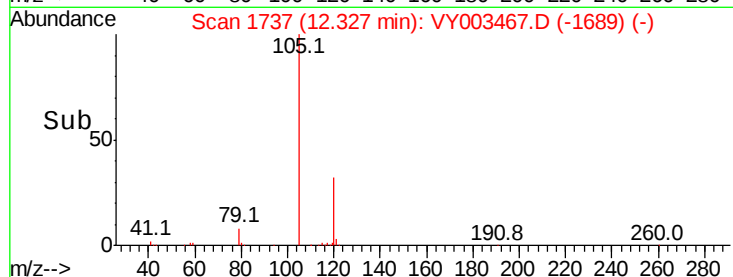
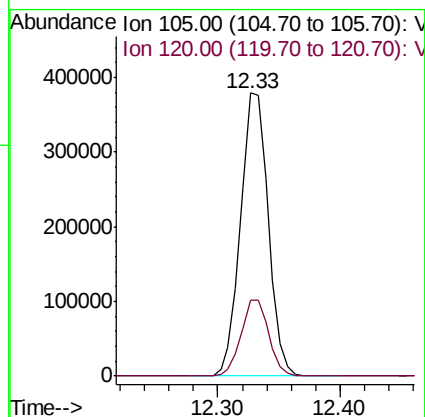
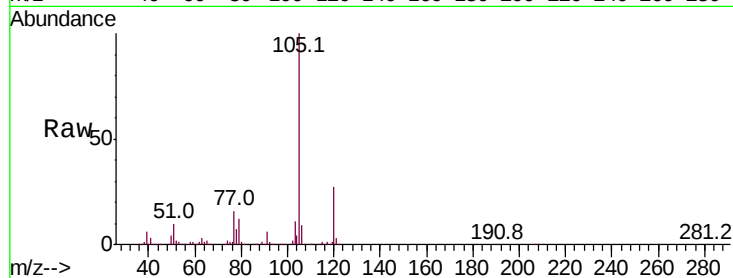
ICVY110220

Tot Ion:105 Resp: 595827

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 52.561 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Tgt Ion: 43 Resp: 166633

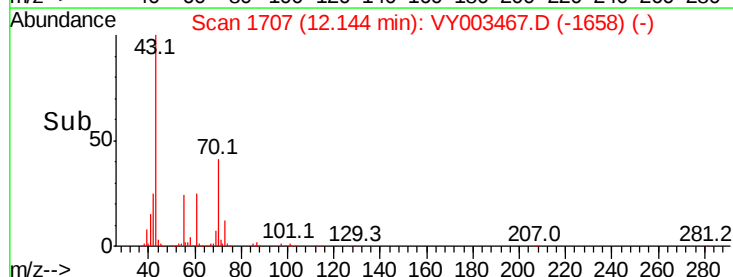
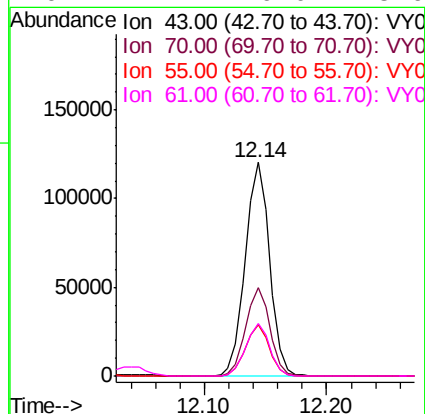
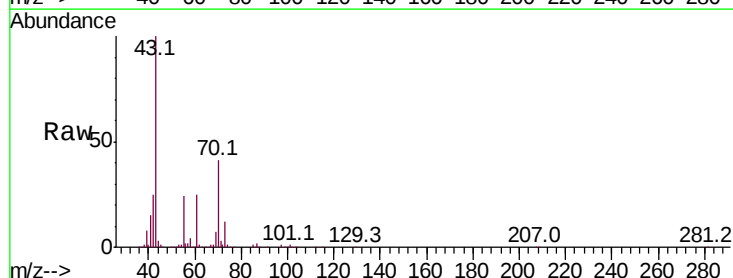
Ion Ratio Lower Upper

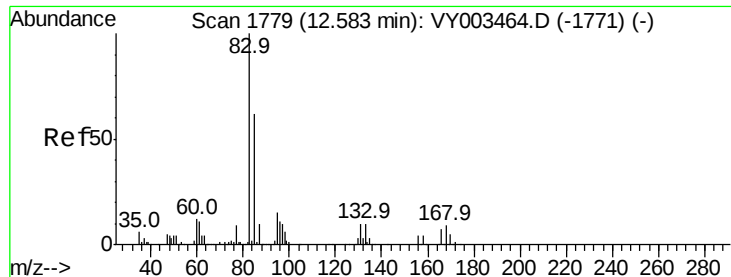
43 100

70 41.0 33.1 49.7

55 23.8 19.2 28.8

61 24.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.048 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY110220

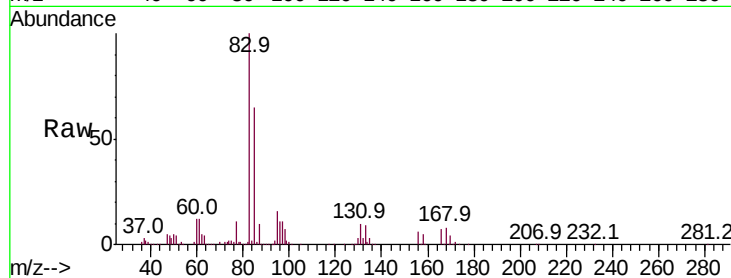
Tot Ion: 83 Resp: 122037

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

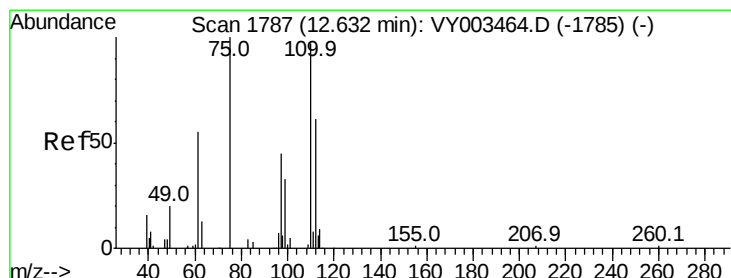
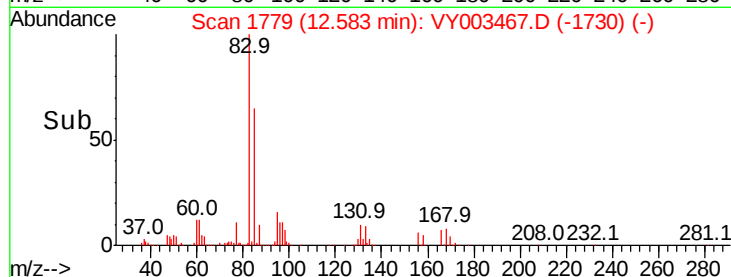
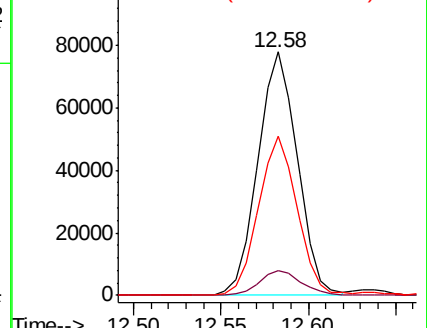
85 64.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY003467.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY003467.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY003467.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 91.092 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003467.D

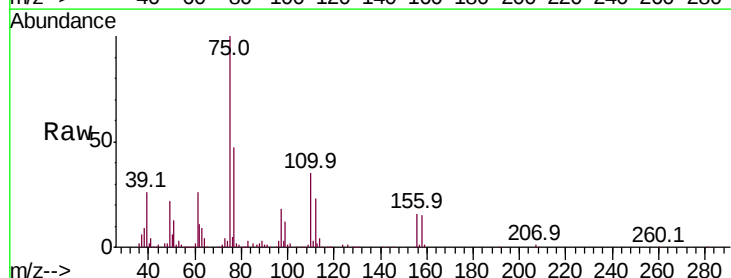
Acq: 02 Nov 2020 12:48

Tgt Ion: 75 Resp: 165135

Ion Ratio Lower Upper

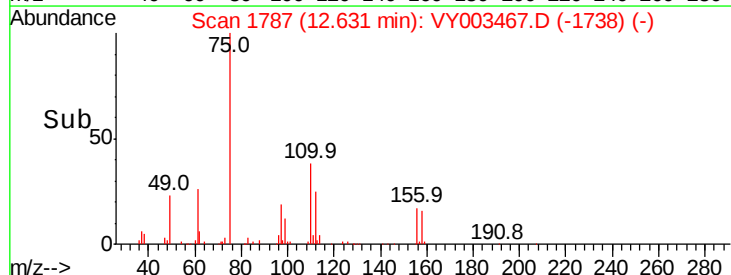
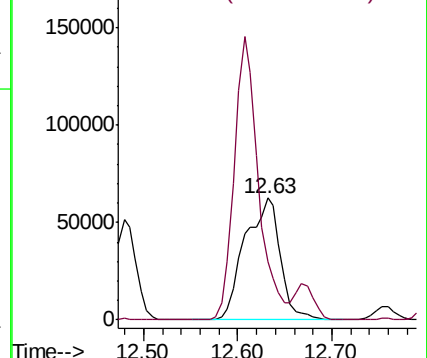
75 100

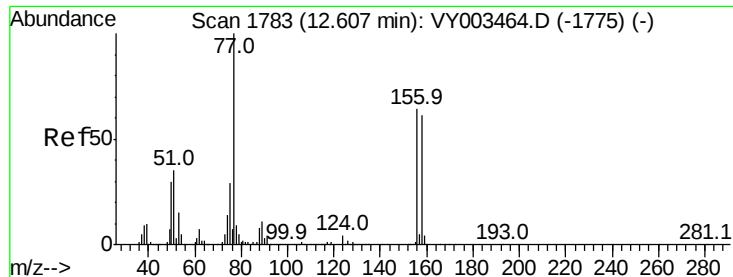
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003467.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY003467.D (-1785) (-)





#77

Bromobenzene

Concen: 51.953 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY110220

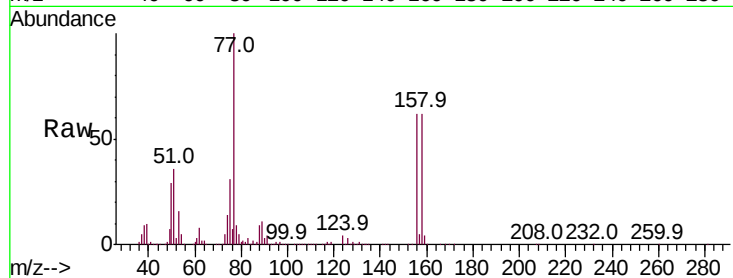
Tot Ion:156 Resp: 147734

Ion Ratio Lower Upper

156 100

77 177.1 87.0 260.9

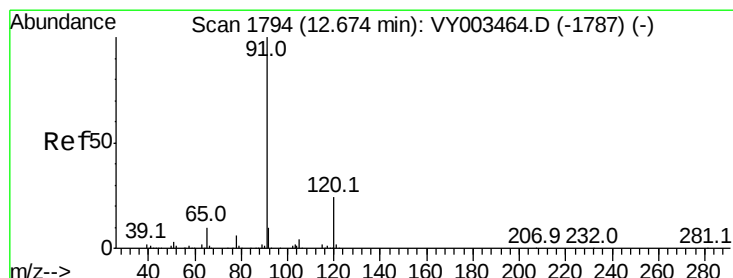
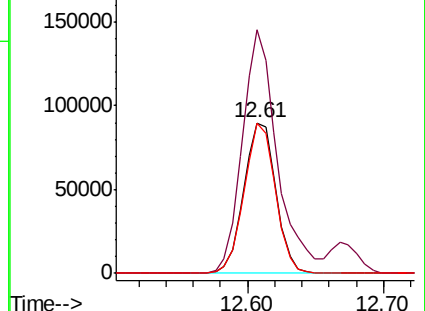
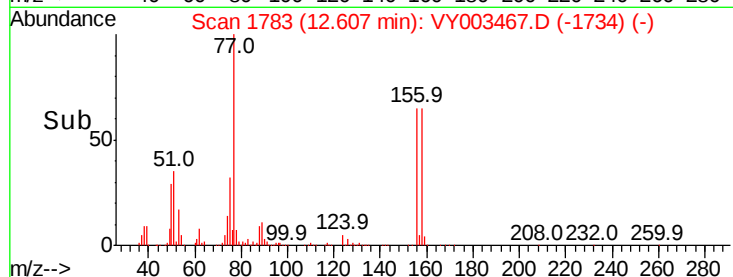
158 97.1 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.993 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003467.D

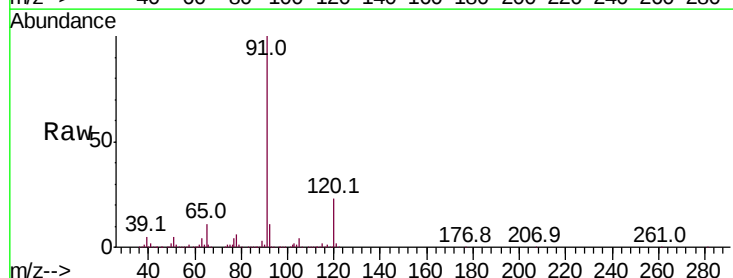
Acq: 02 Nov 2020 12:48

Tgt Ion: 91 Resp: 698608

Ion Ratio Lower Upper

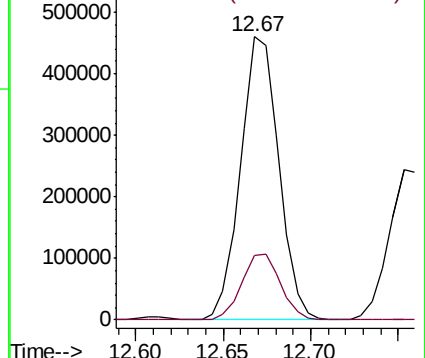
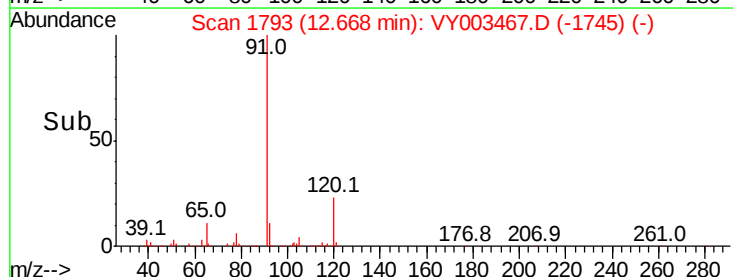
91 100

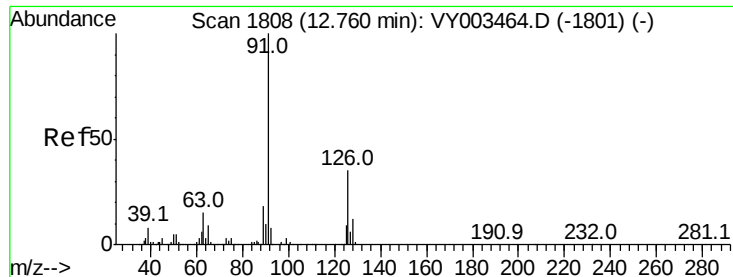
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

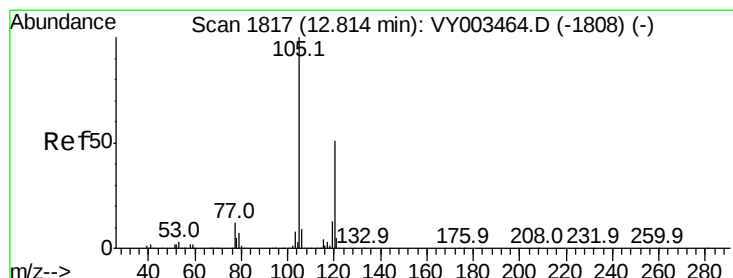
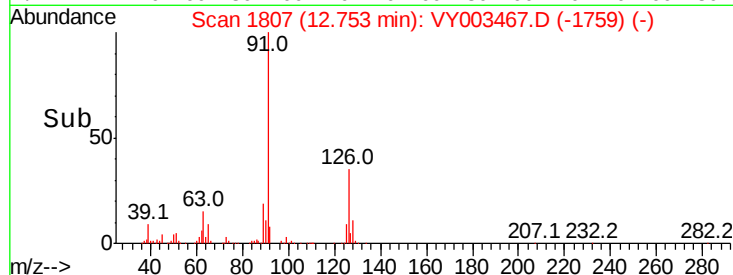
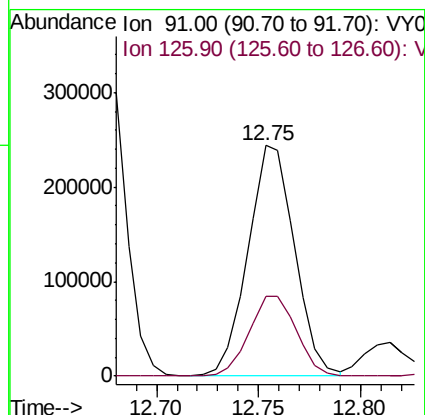
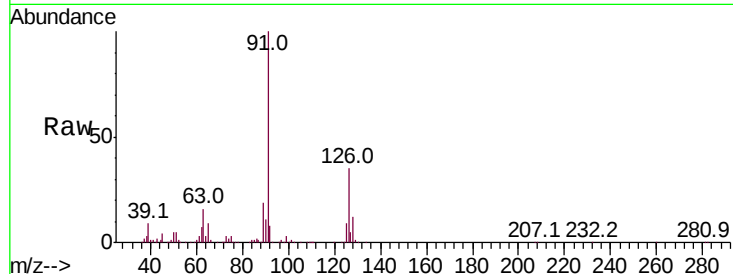




#79
 2-Chlorotoluene
 Concen: 52.543 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

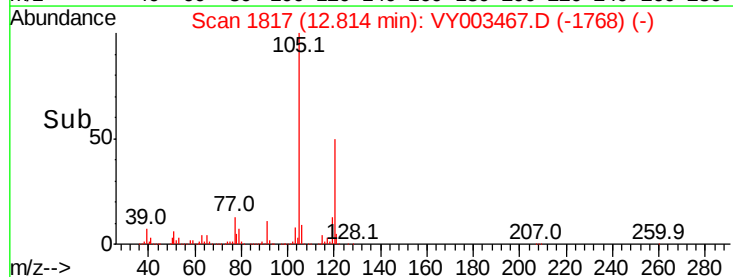
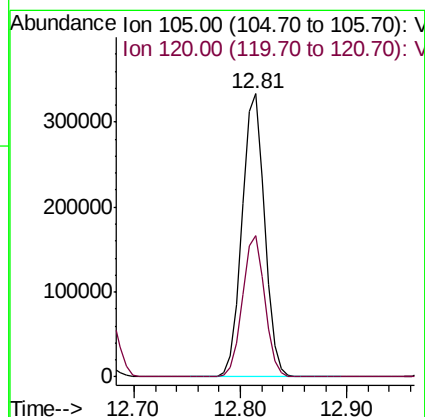
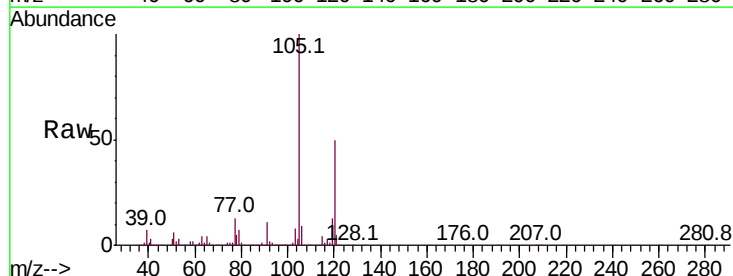
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

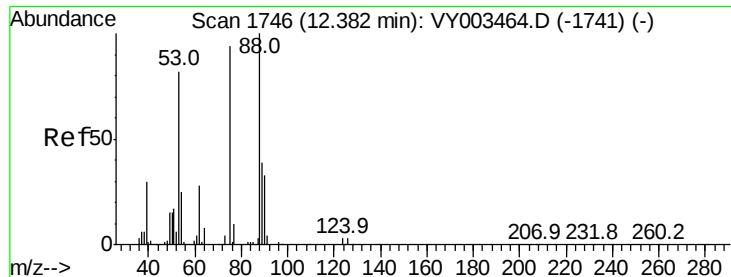
Tot Ion: 91 Resp: 387000
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 53.600 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Tgt Ion: 105 Resp: 497041
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 51.277 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY110220

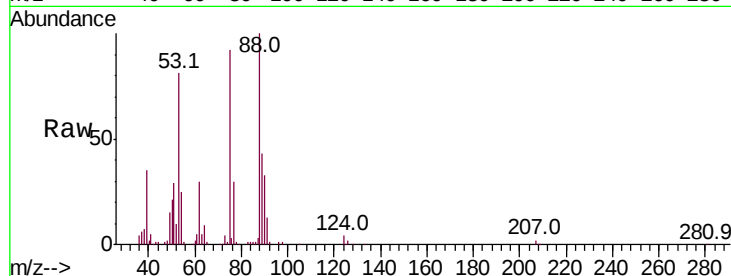
Tot Ion: 75 Resp: 44537

Ion Ratio Lower Upper

75 100

53 92.1 74.7 112.1

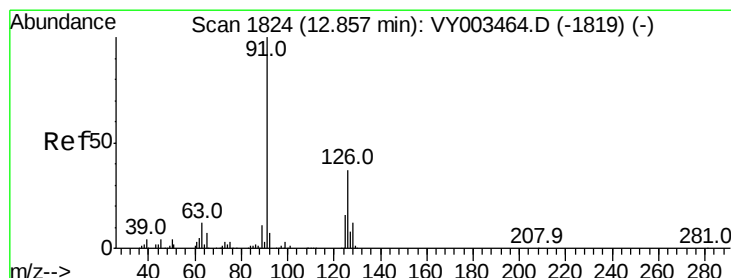
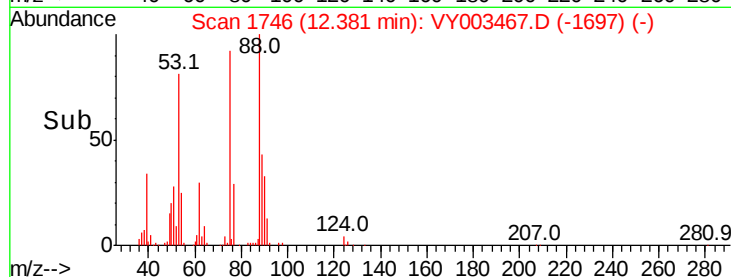
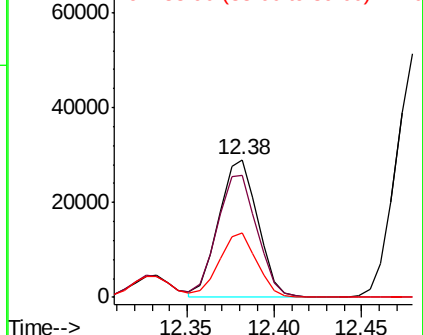
89 45.6 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 53.030 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY003467.D

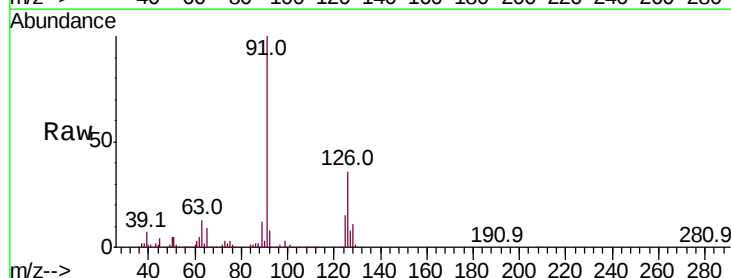
Acq: 02 Nov 2020 12:48

Tgt Ion: 91 Resp: 408163

Ion Ratio Lower Upper

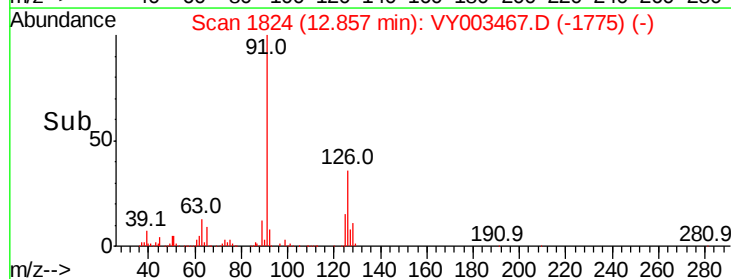
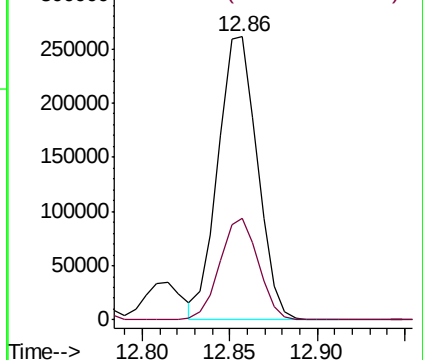
91 100

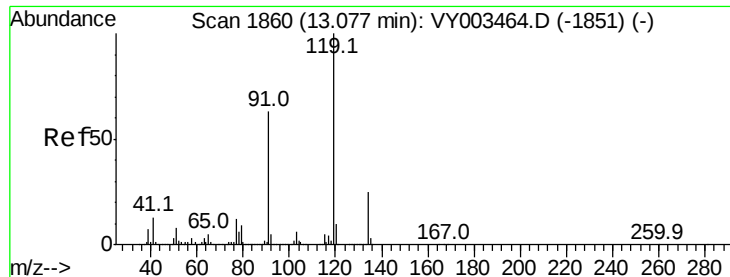
126 35.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.885 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY110220

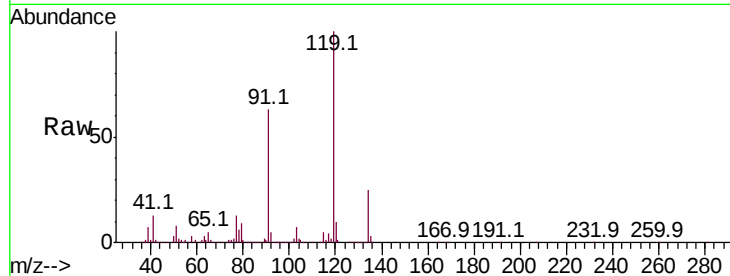
Tot Ion:119 Resp: 434942

Ion Ratio Lower Upper

119 100

91 63.0 31.1 93.2

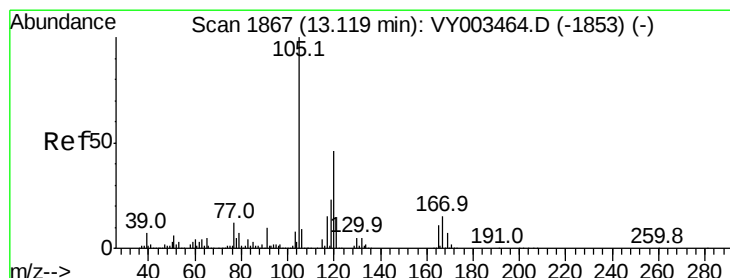
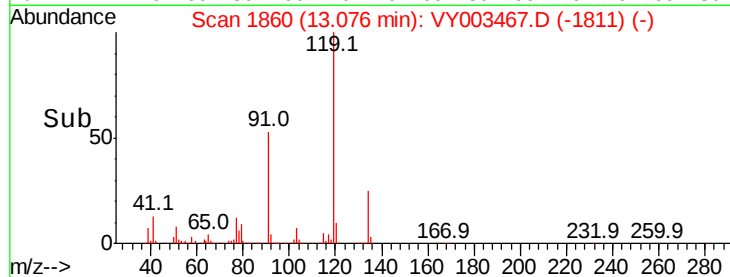
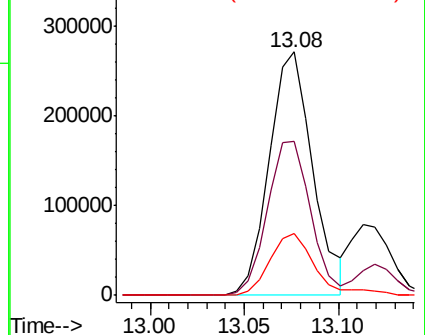
134 26.8 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.416 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003467.D

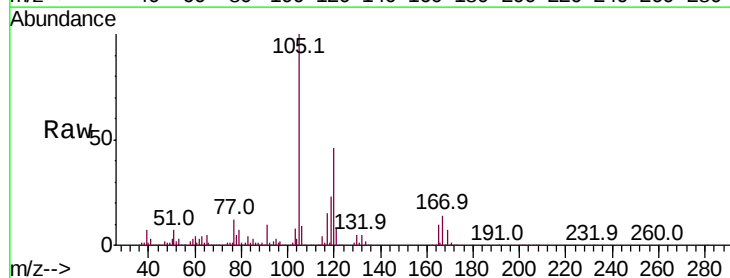
Acq: 02 Nov 2020 12:48

Tgt Ion:105 Resp: 495059

Ion Ratio Lower Upper

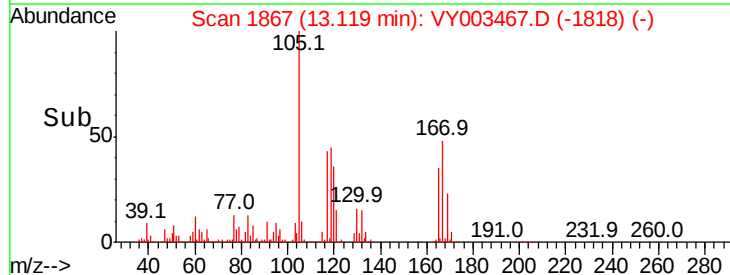
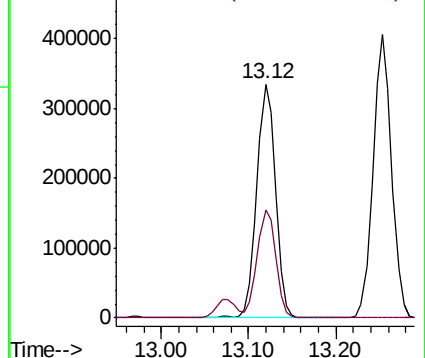
105 100

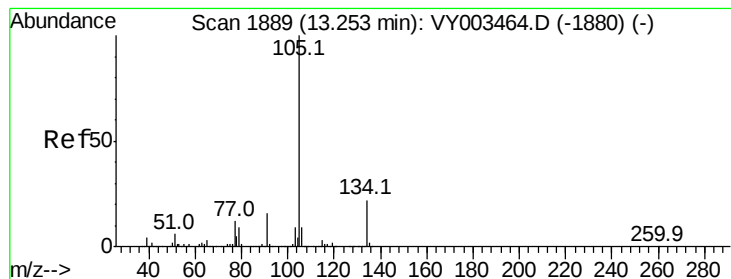
120 45.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.572 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

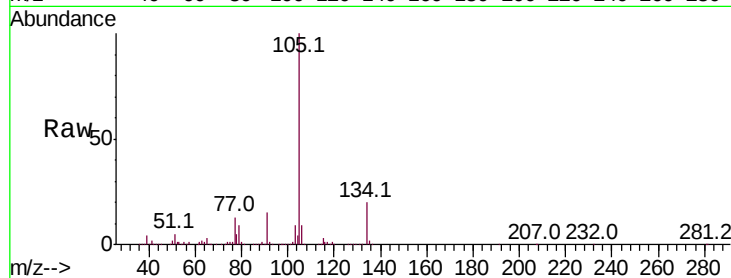
ICVY110220

Tot Ion:105 Resp: 596576

Ion Ratio Lower Upper

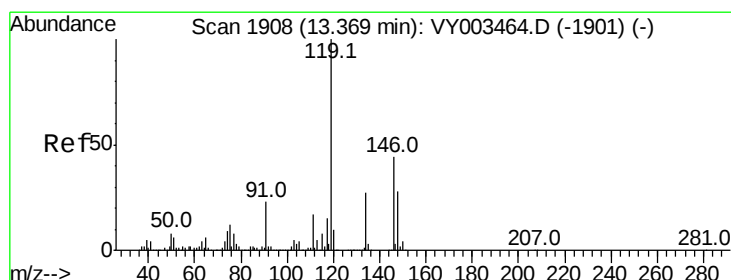
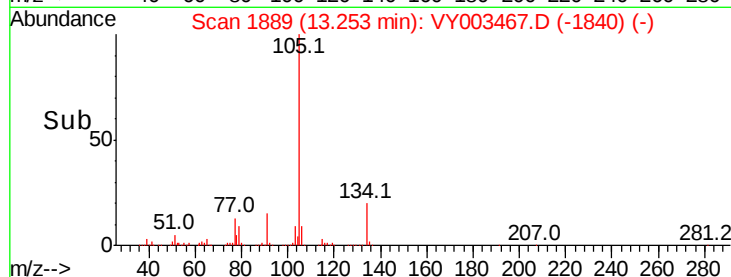
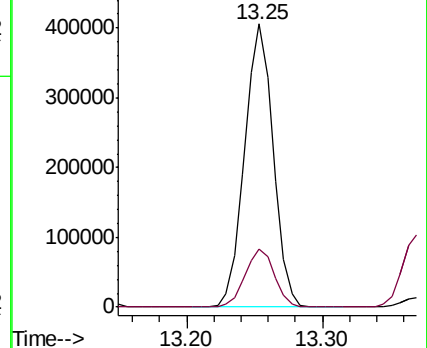
105 100

134 20.9 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.085 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

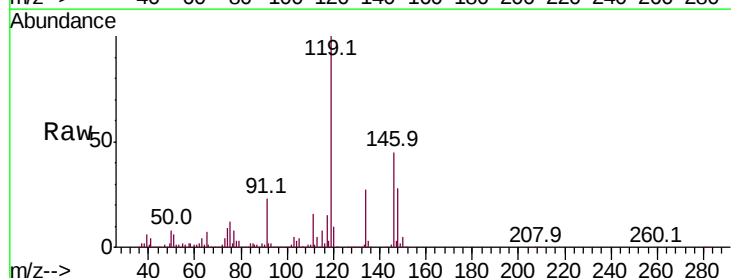
Tgt Ion:119 Resp: 548247

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

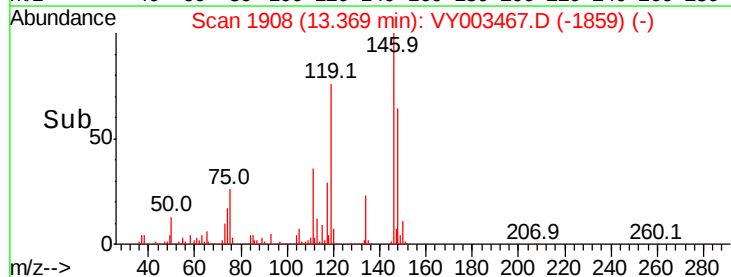
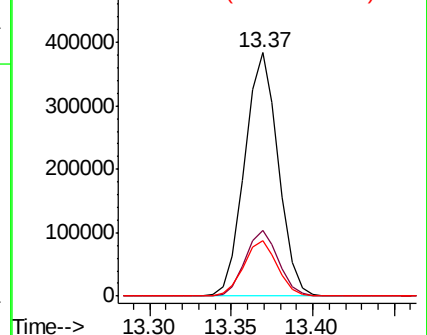
91 22.9 11.4 34.2

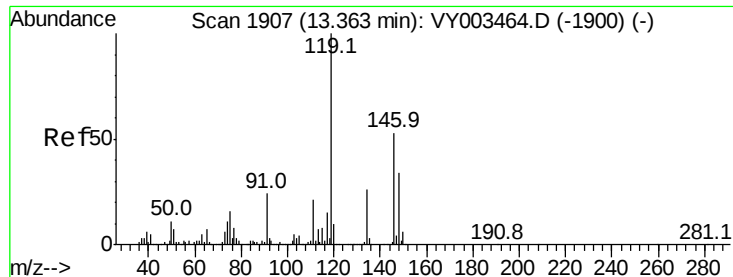


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 51.994 ug/l

RT: 13.36 min Scan# 1907

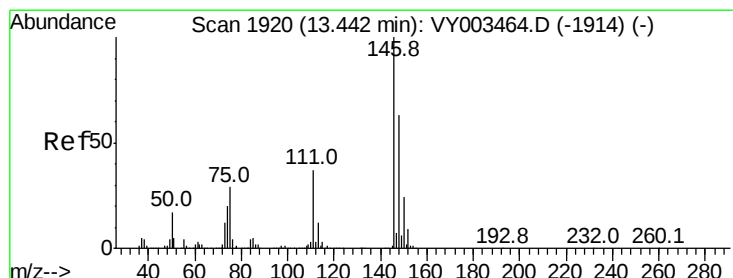
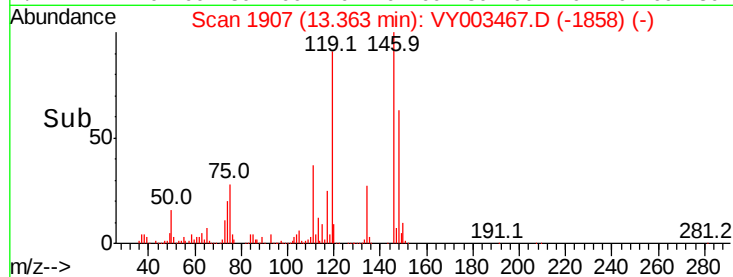
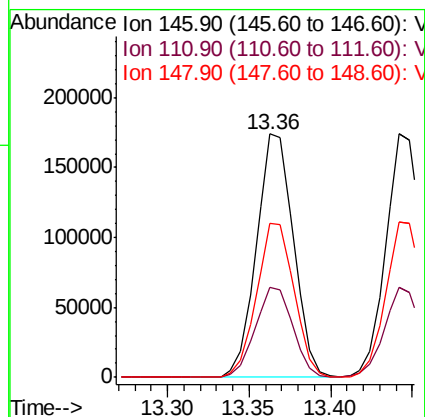
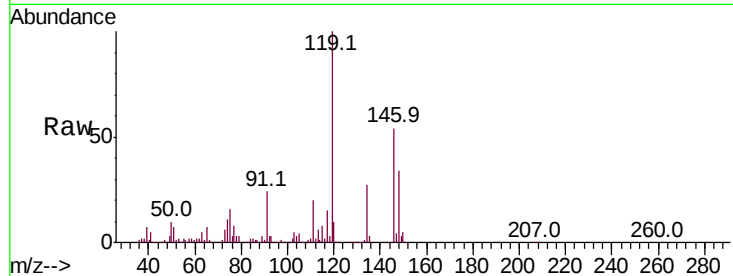
Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110220

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.1
148	63.9	32.4	97.0



#88

1,4-Dichlorobenzene

Concen: 51.232 ug/l

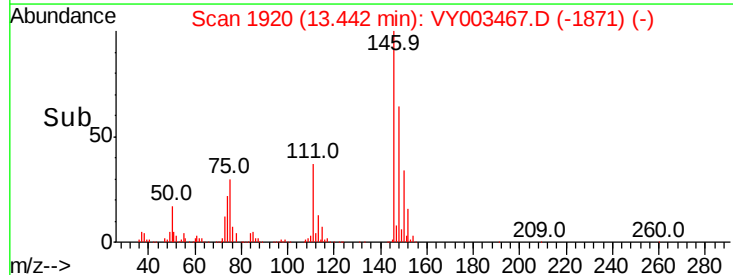
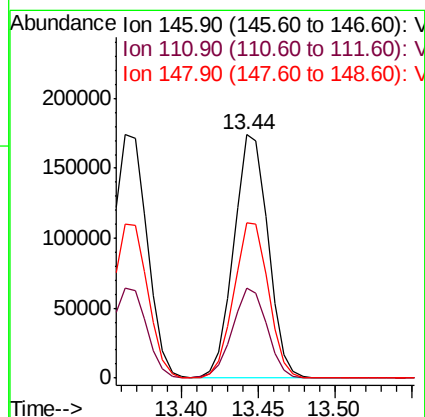
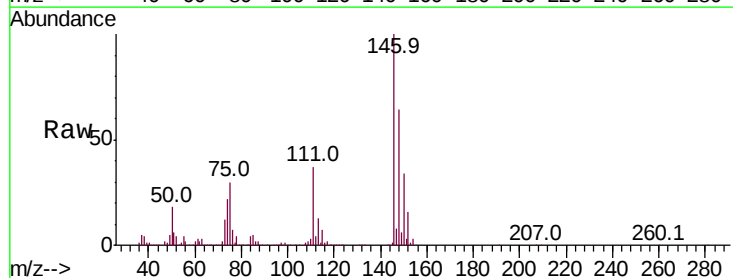
RT: 13.44 min Scan# 1920

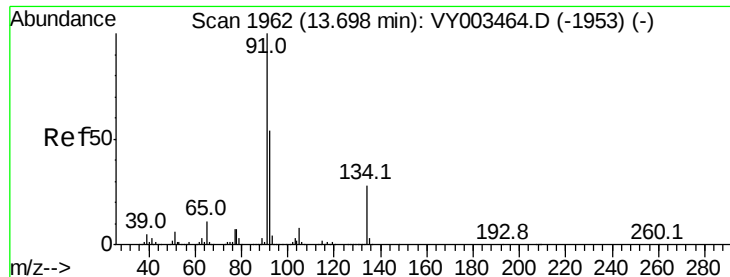
Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.6	32.0	96.0





#89

n-Butylbenzene

Concen: 53.972 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY110220

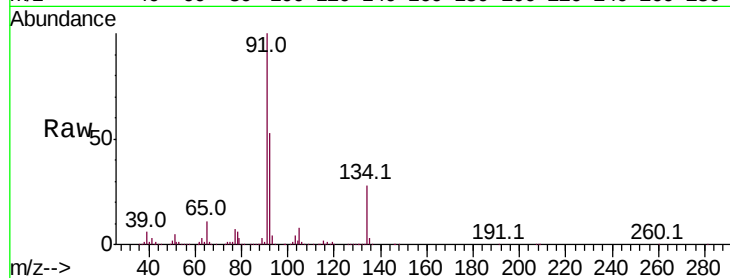
Tot Ion: 91 Resp: 509120

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

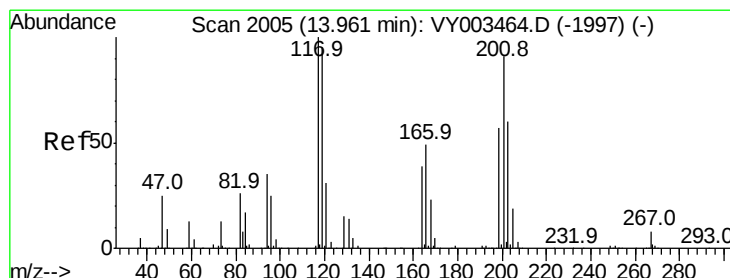
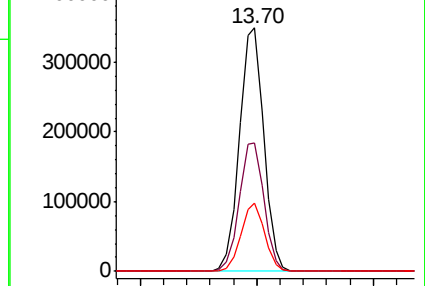
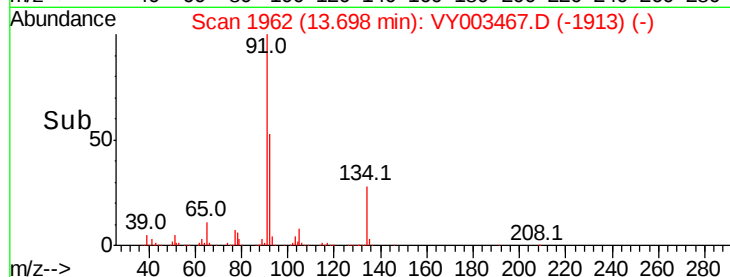
134 27.3 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VY003467.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY003467.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY003467.D (-1953) (-)



#90

Hexachloroethane

Concen: 52.521 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003467.D

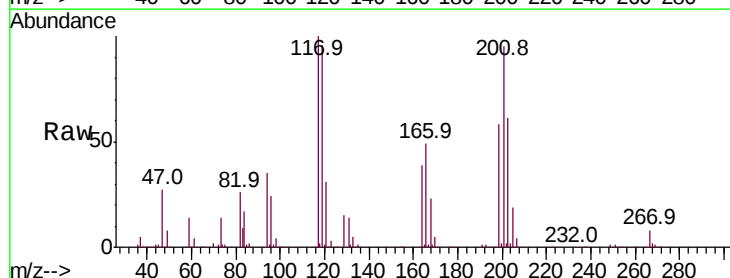
Acq: 02 Nov 2020 12:48

Tgt Ion: 117 Resp: 91288

Ion Ratio Lower Upper

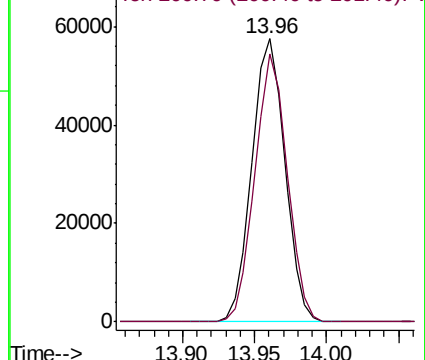
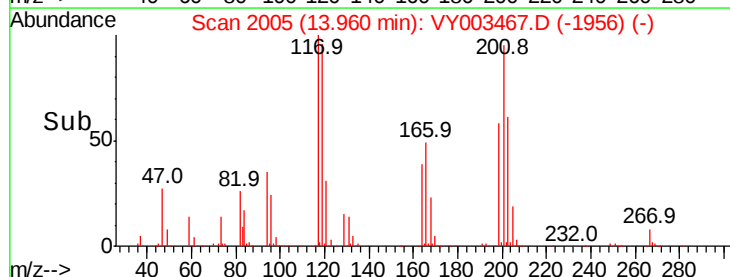
117 100

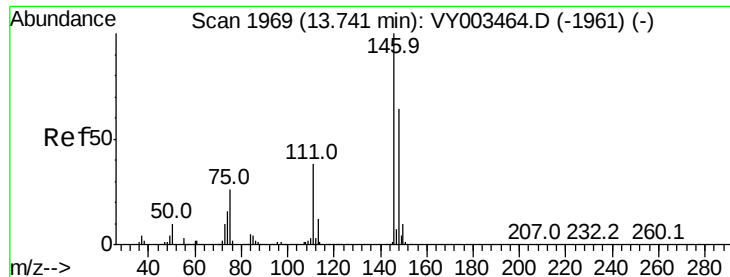
201 92.6 46.6 139.8



Abundance Ion 116.80 (116.50 to 117.50): VY003467.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY003467.D (-1956) (-)

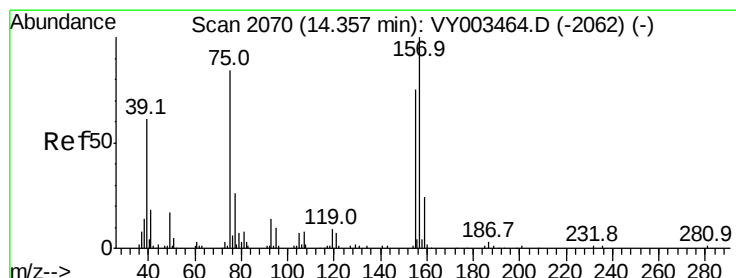
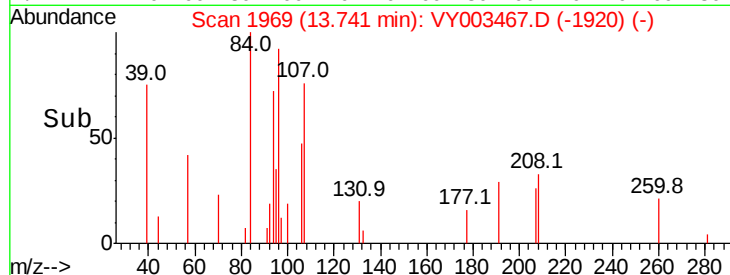
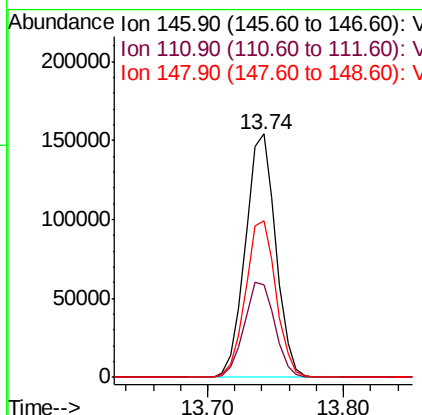
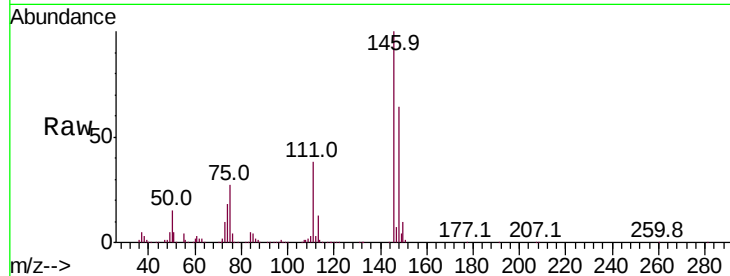




#91
 1,2-Dichlorobenzene
 Concen: 51.216 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

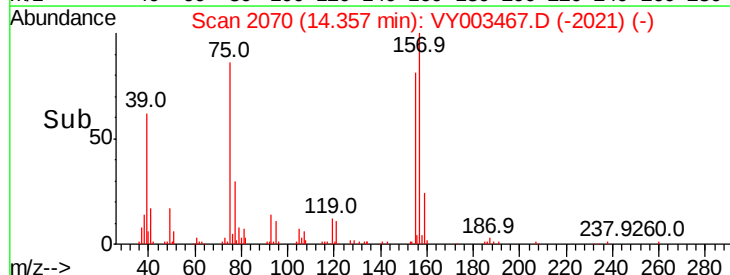
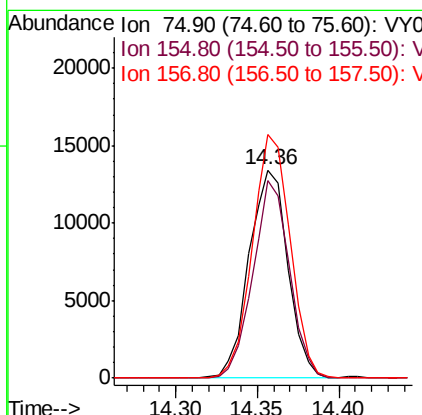
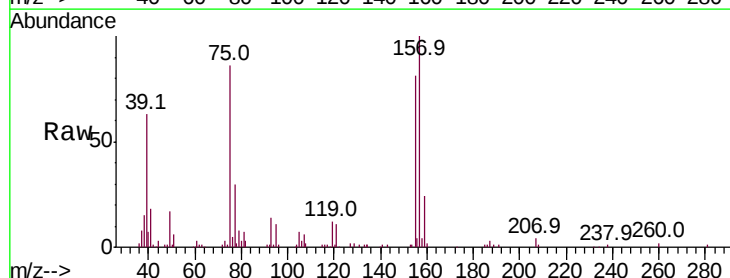
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

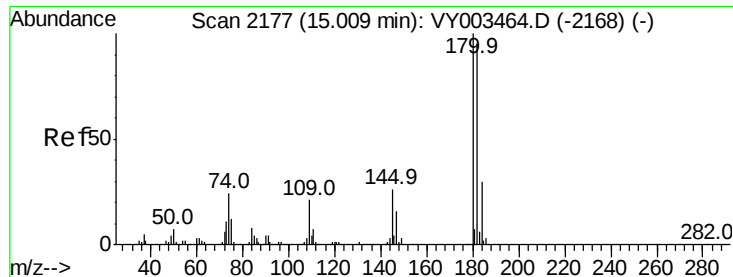
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.3	57.8
148	64.6	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.195 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	45.6	136.7
157	114.0	60.3	180.8

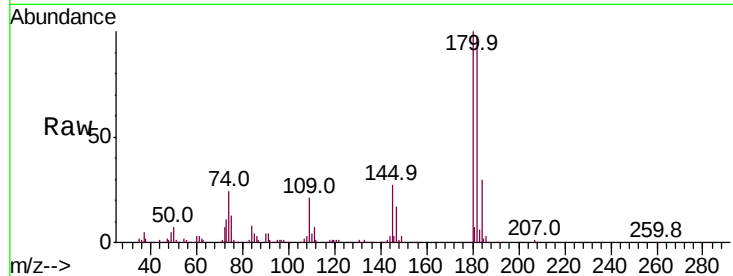




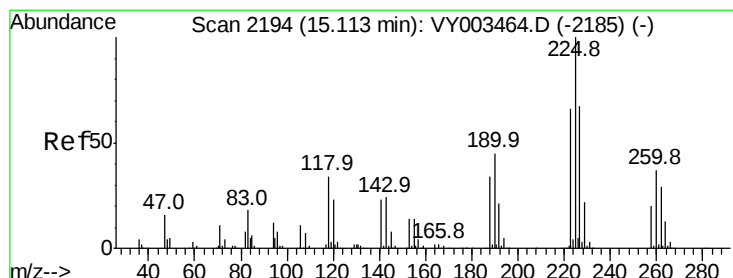
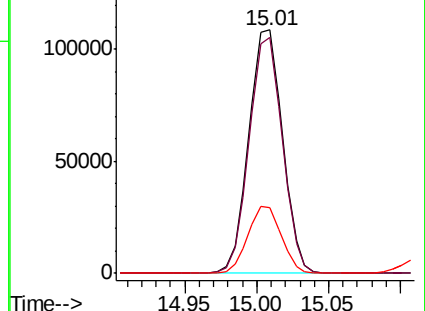
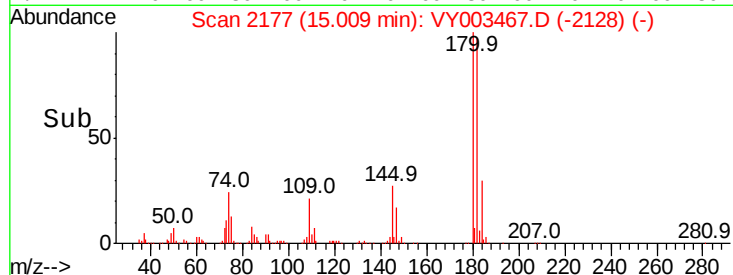
#93
 1,2,4-Trichlorobenzene
 Concen: 52.701 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.1	144.3
145	27.3	13.8	41.3

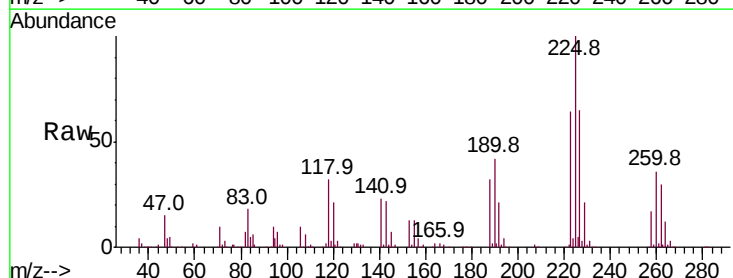


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

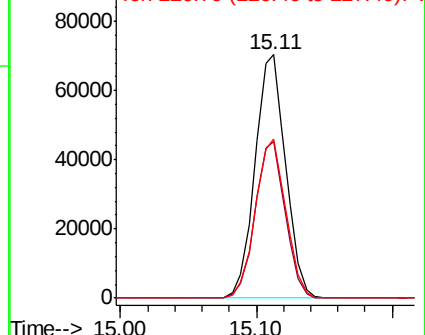
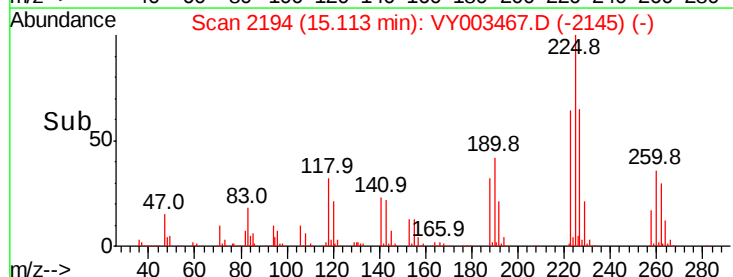


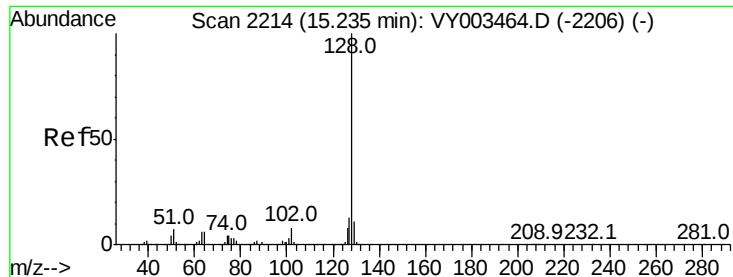
#94
 Hexachlorobutadiene
 Concen: 51.890 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.1	96.3
227	65.1	32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.288 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY110220

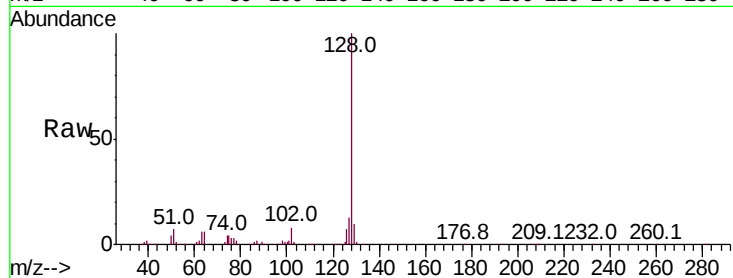
Tot Ion:128 Resp: 348526

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

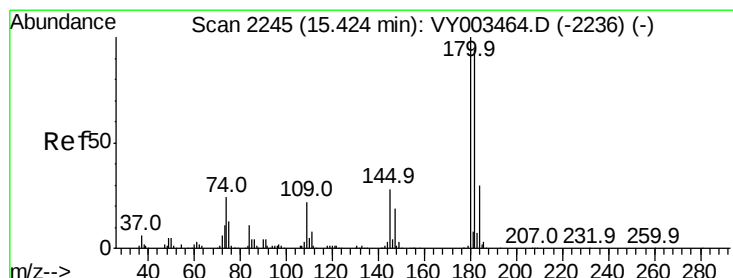
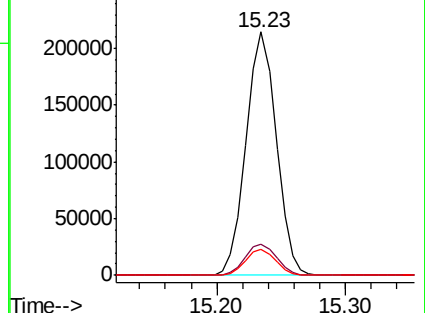
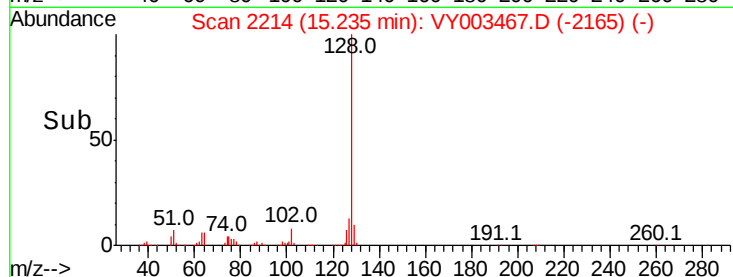
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.097 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

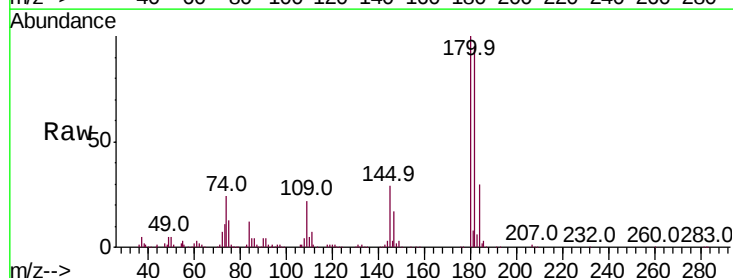
Tgt Ion:180 Resp: 152996

Ion Ratio Lower Upper

180 100

182 96.1 46.9 140.7

145 29.3 14.4 43.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

