

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 02:03:11 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

33) 1,2-Dichloroethane-d4	8.15	65	129506	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	7.73	113	111435	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.18	98	461147	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.48	95	150804	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						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	7.33	41	57094m	49.599	ug/l	
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	90044m	49.670	ug/l	
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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Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration

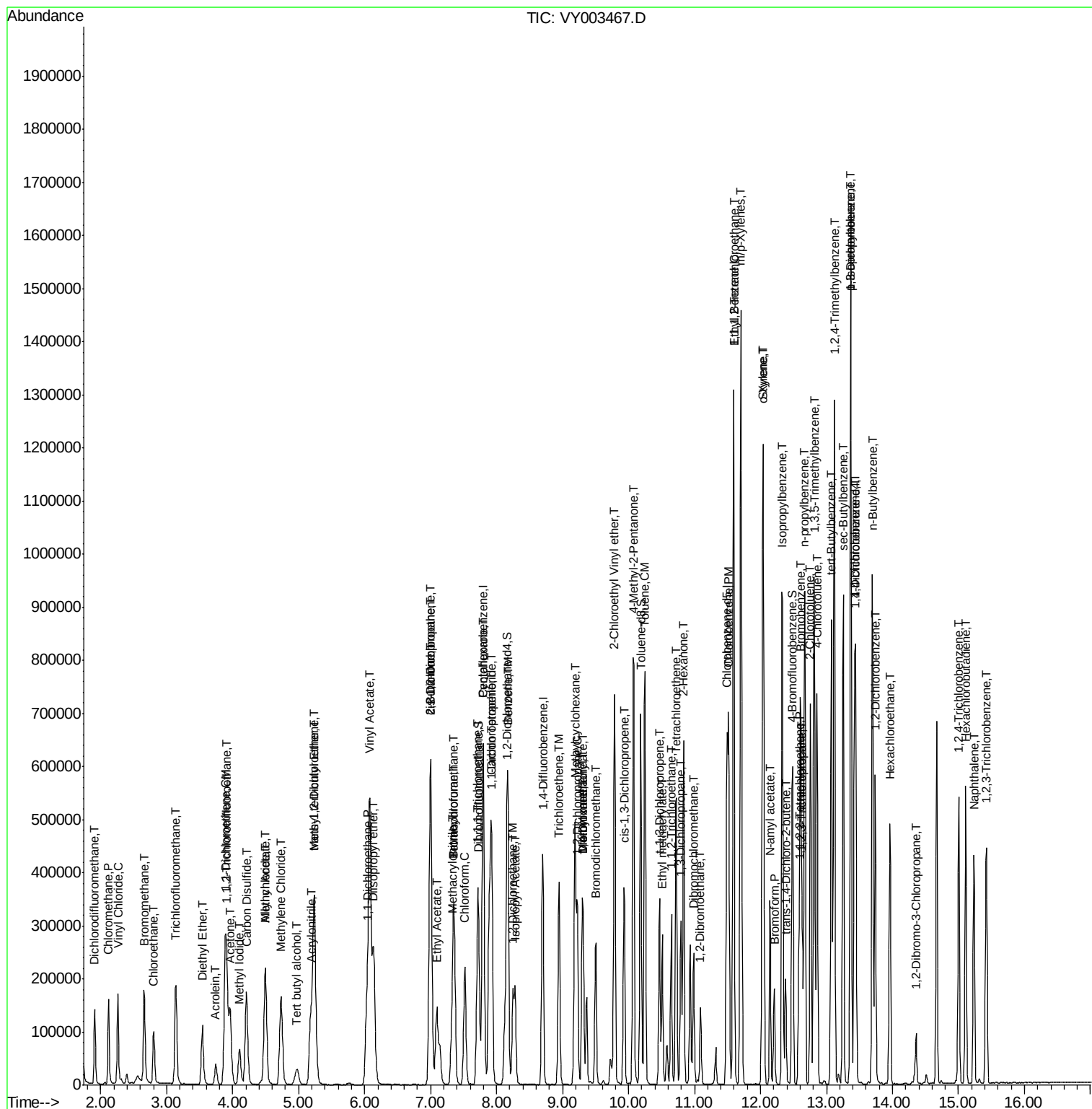
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	175423	52.701	ug/l	99
94) Hexachlorobutadiene	15.11	225	111112	51.890	ug/l	99
95) Naphthalene	15.23	128	348526	52.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	152996	51.097	ug/l	98

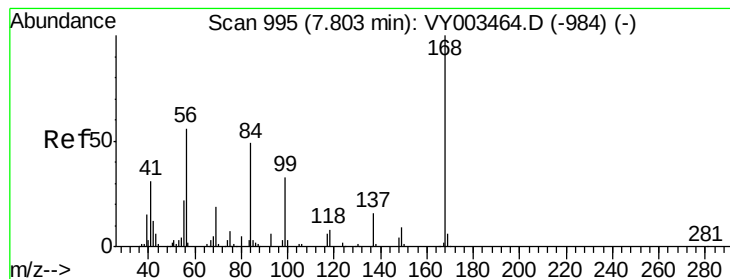
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

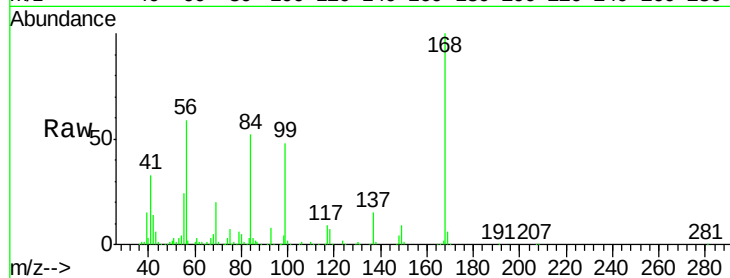
ICVYV110220

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 (-946) (-)

Ion 98.90 (98.60 to 99.60): VY003467.D (-946) (-)

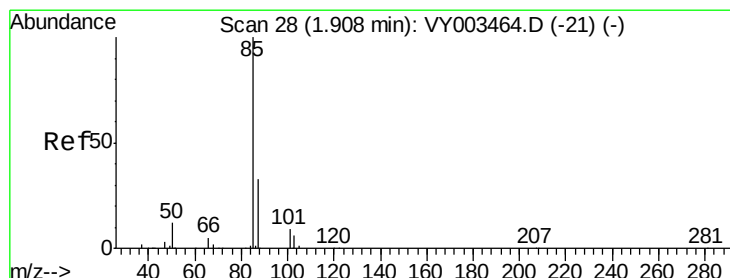
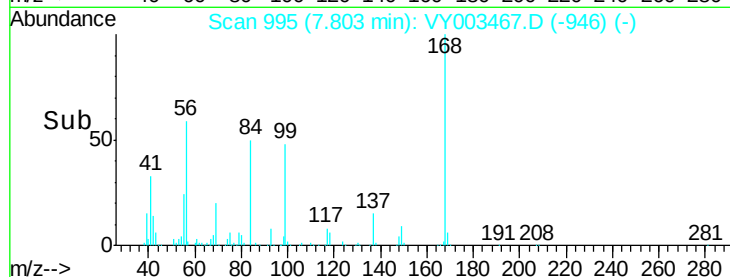
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.842 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003467.D

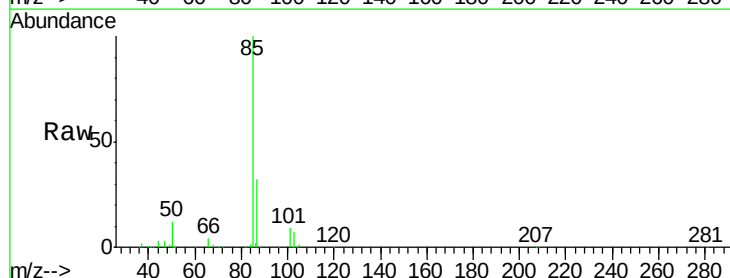
Acq: 02 Nov 2020 12:48

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

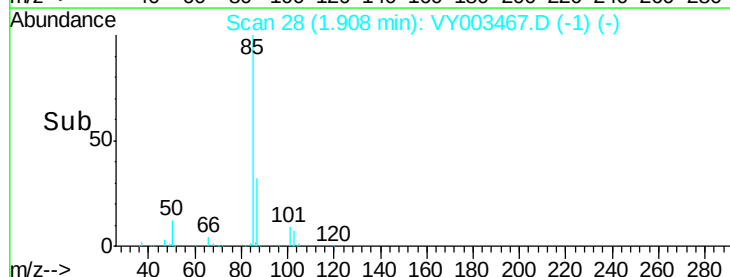
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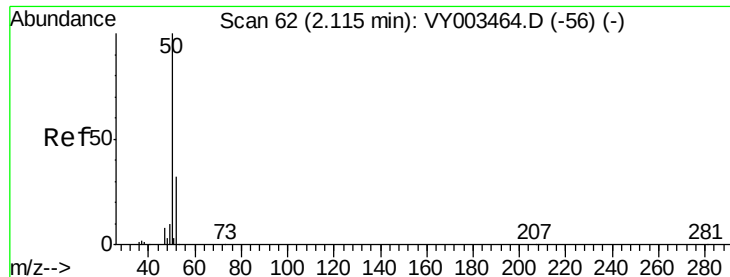
40000

20000

0

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 :

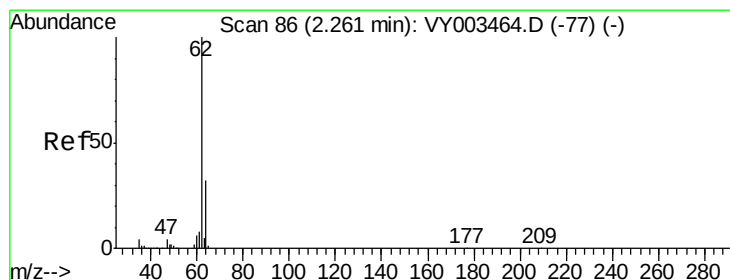
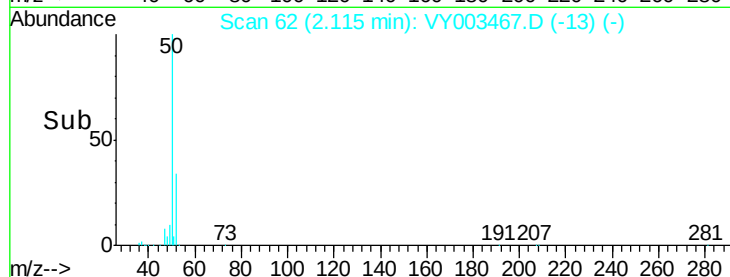
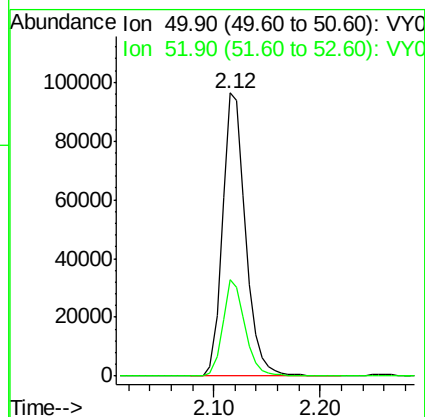
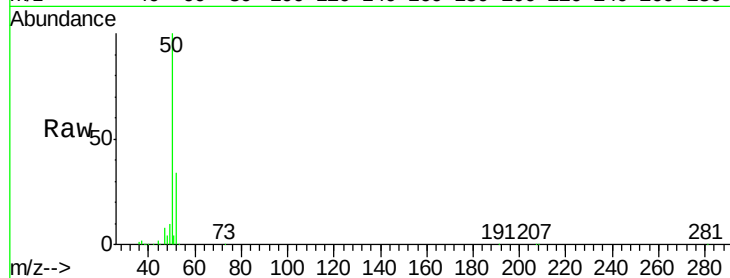
ICVVY110220

Tot Ion: 50 Resp: 145249

Ion Ratio Lower Upper

50 100

52 34.0 25.6 38.4



#4

Vinyl Chloride

Concen: 54.491 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003467.D

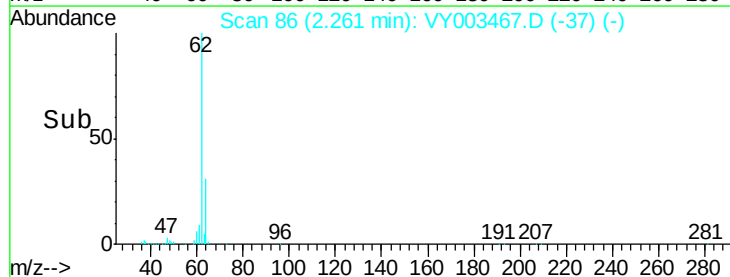
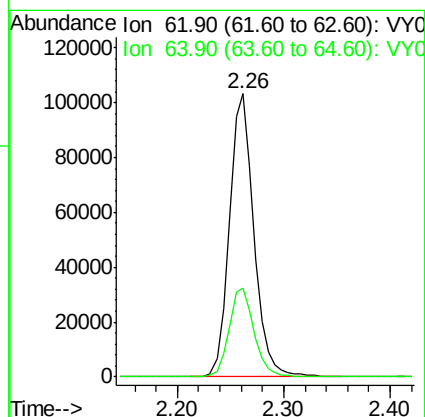
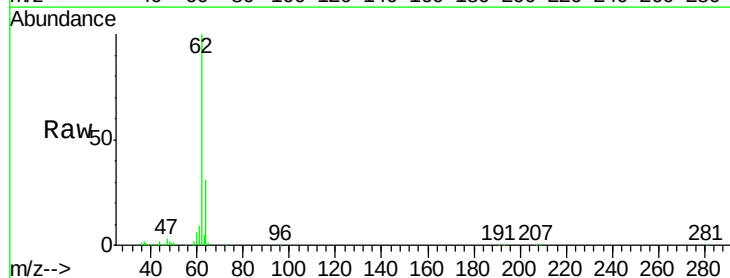
Acq: 02 Nov 2020 12:48

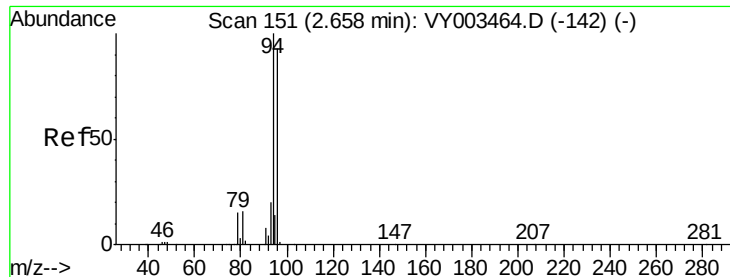
Tgt Ion: 62 Resp: 166139

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3





#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 :

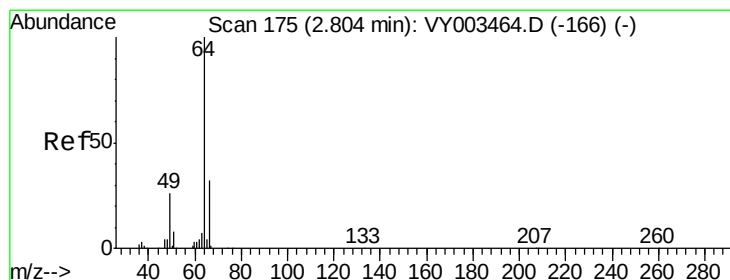
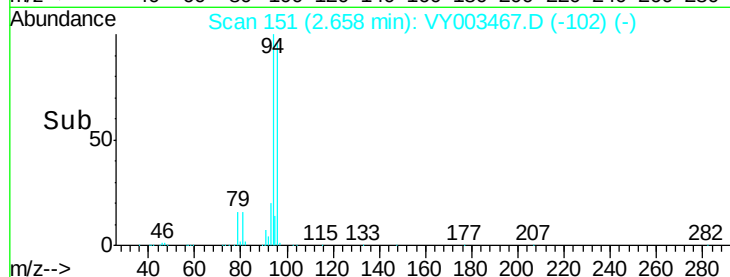
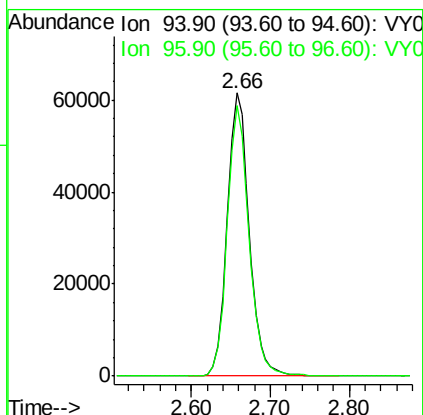
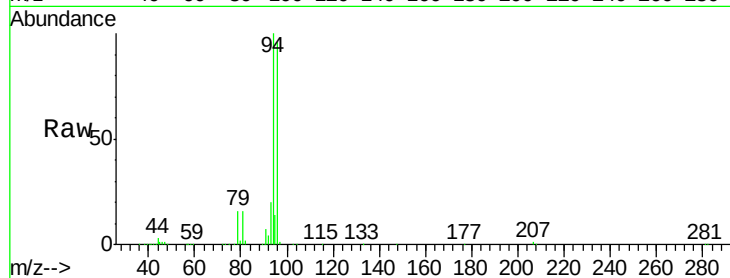
ICVYVY110220

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

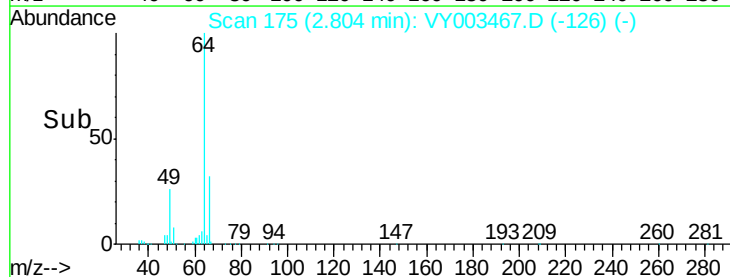
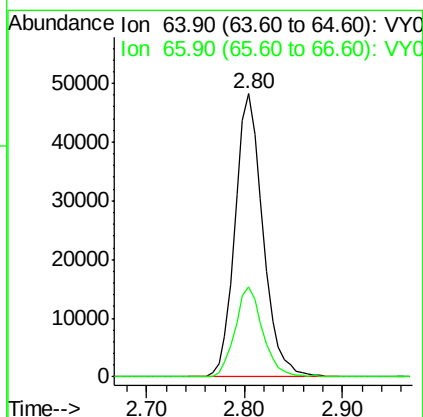
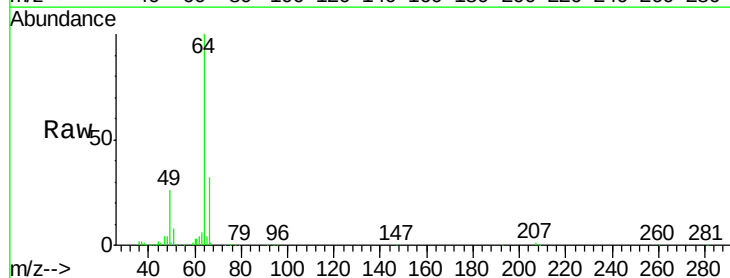
Acq: 02 Nov 2020 12:48

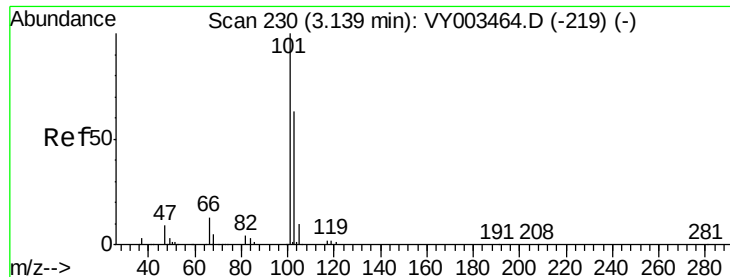
Tgt Ion: 64 Resp: 95621

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4



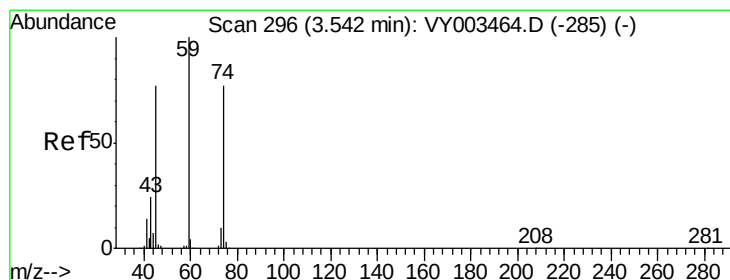
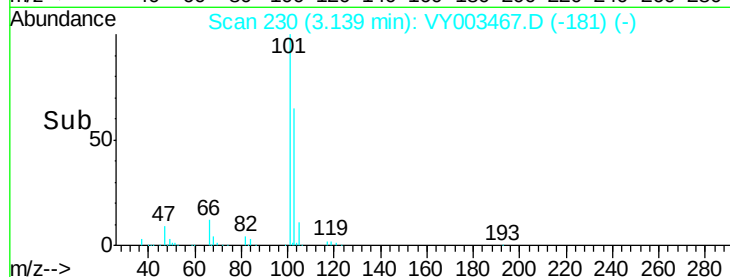
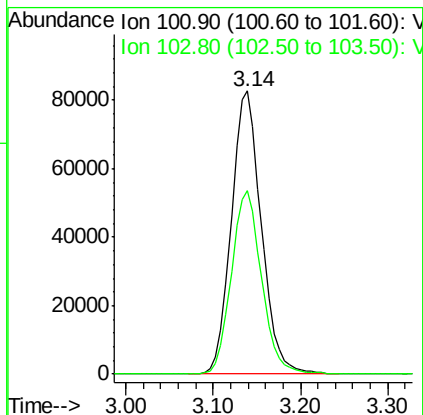
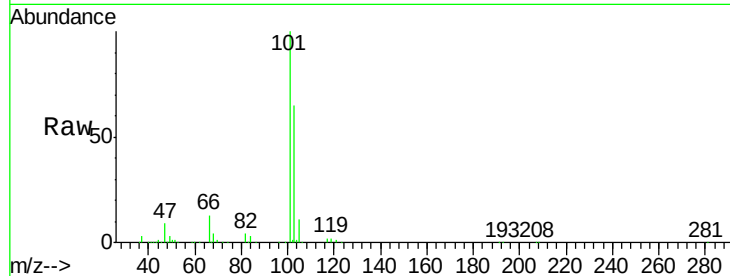


#7

Trichlorofluoromethane
Concen: 51.010 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

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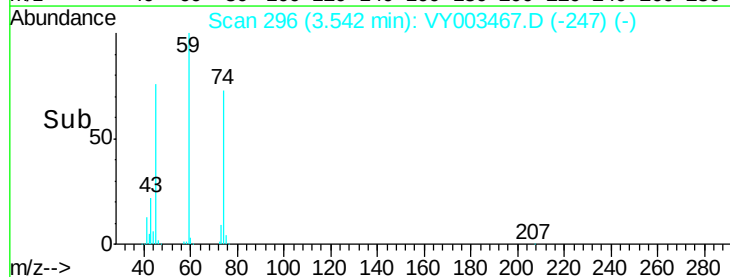
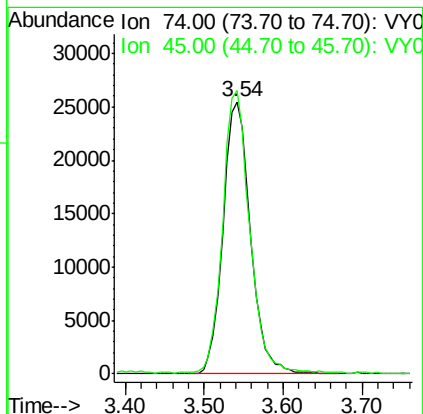
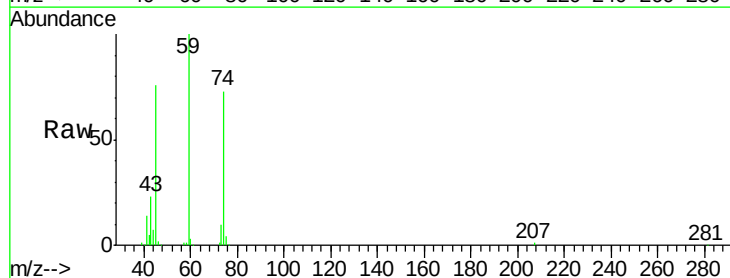
Tot Ion:101 Resp: 197409
Ion Ratio Lower Upper
101 100
103 64.9 50.7 76.1

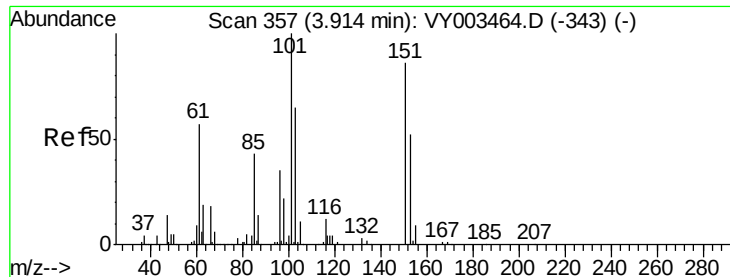


#8

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 :

ICVY110220

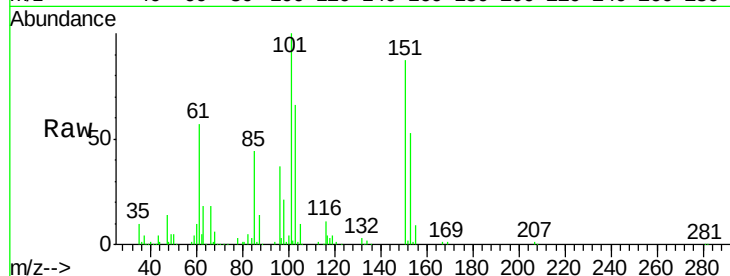
Tot Ion:101 Resp: 111425

Ion Ratio Lower Upper

101 100

85 45.1 35.8 53.8

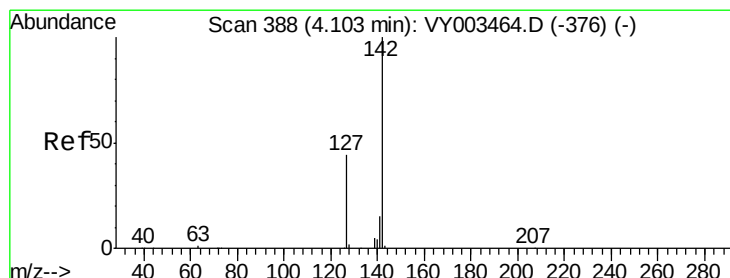
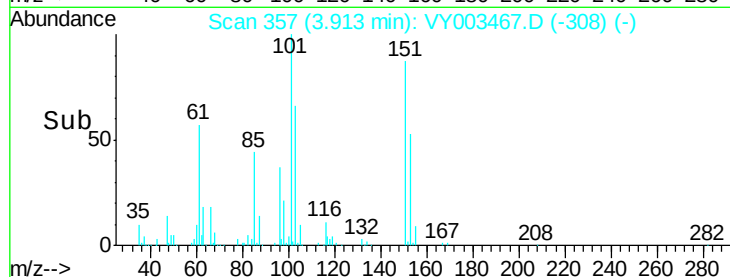
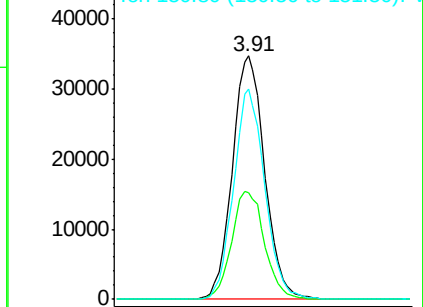
151 83.6 67.6 101.4



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

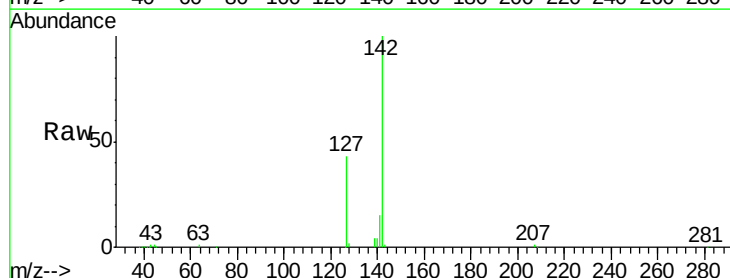
Tgt Ion:142 Resp: 110210

Ion Ratio Lower Upper

142 100

127 43.8 34.5 51.7

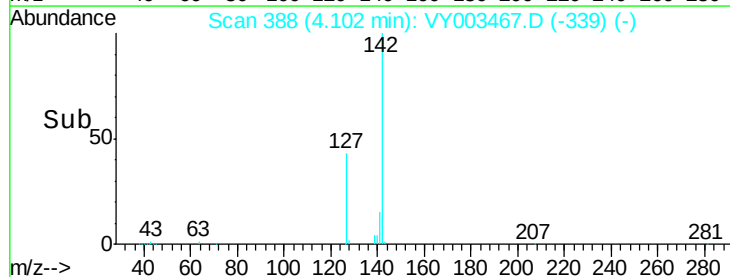
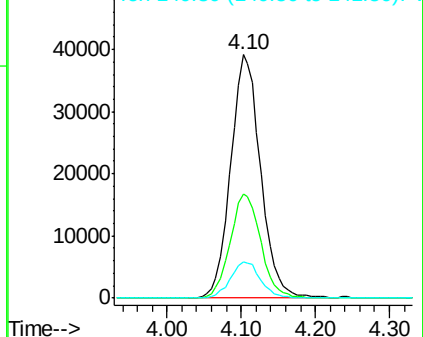
141 14.8 11.8 17.8

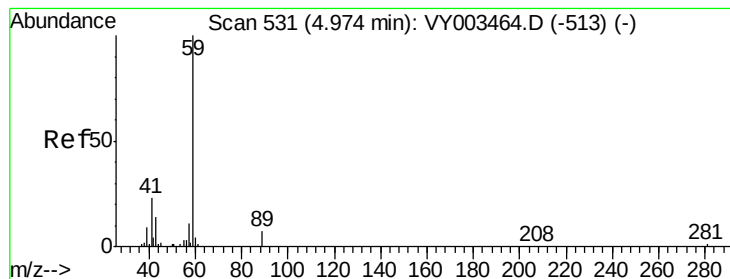


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



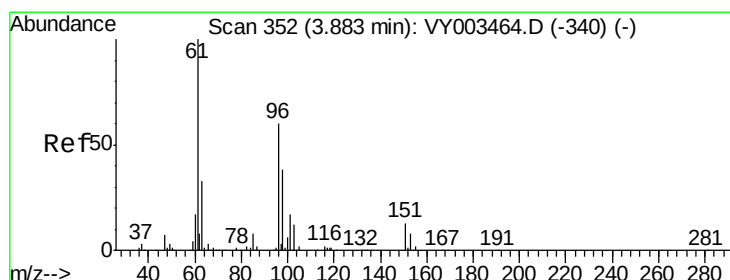
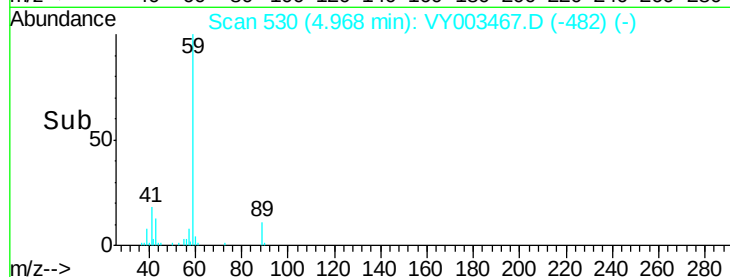
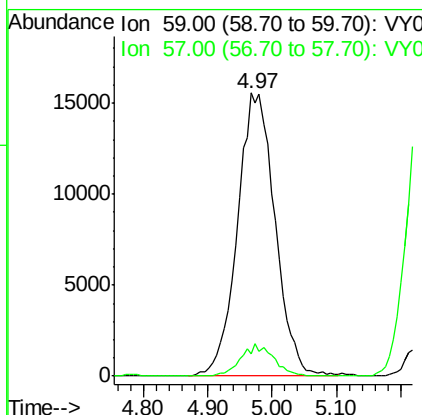
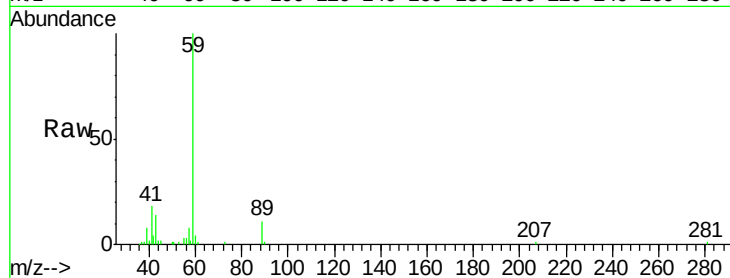


#11

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

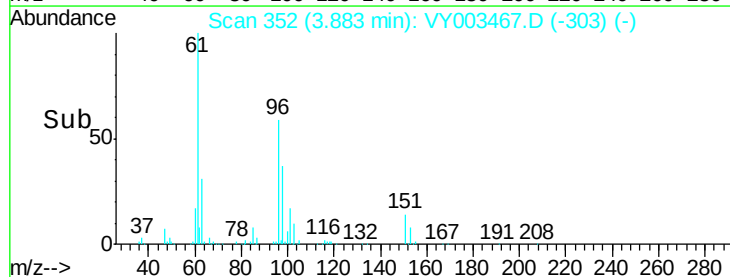
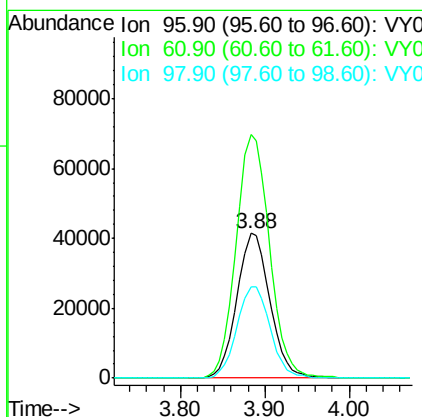
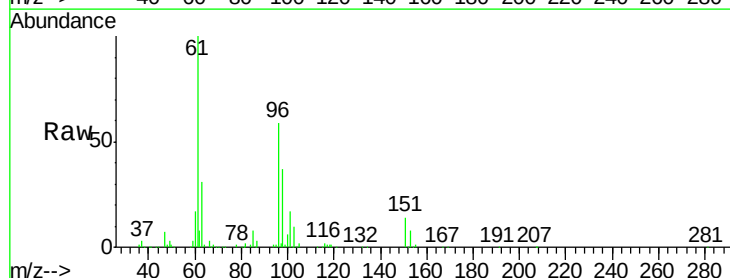
Tot Ion: 59 Resp: 62697
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.9 11.9

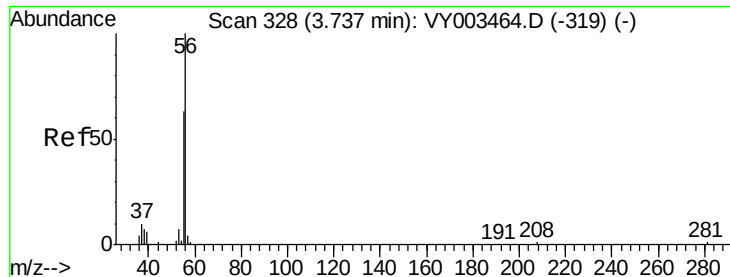


#12

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 :

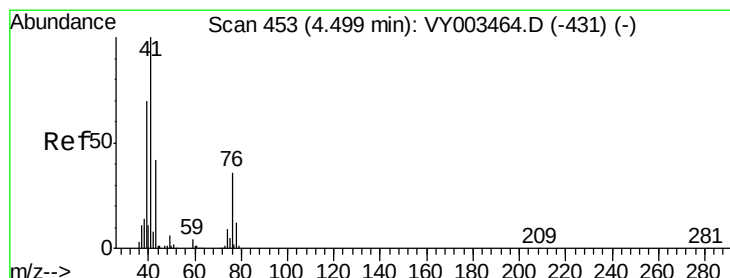
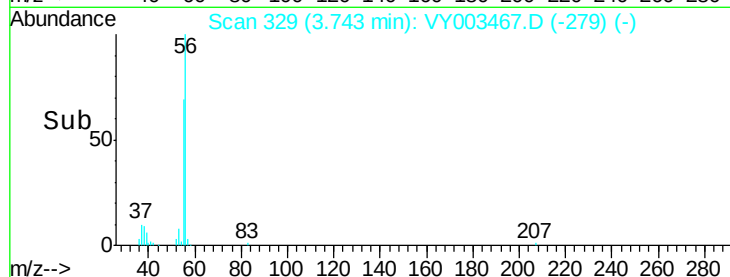
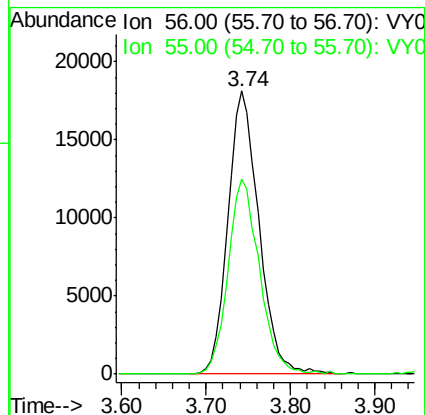
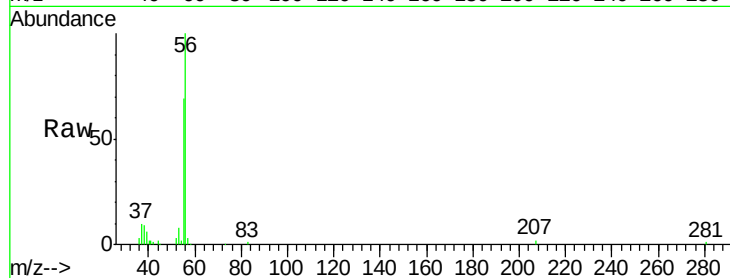
ICVVY110220

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

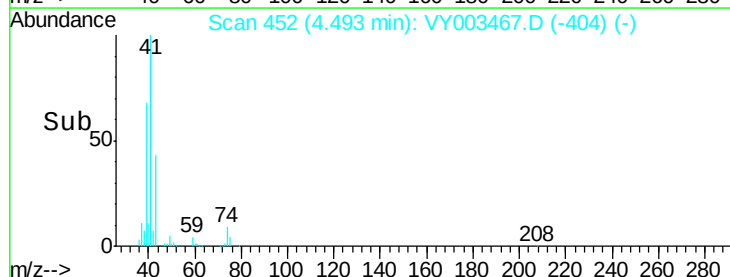
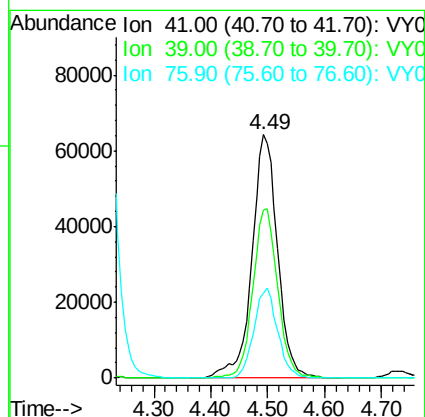
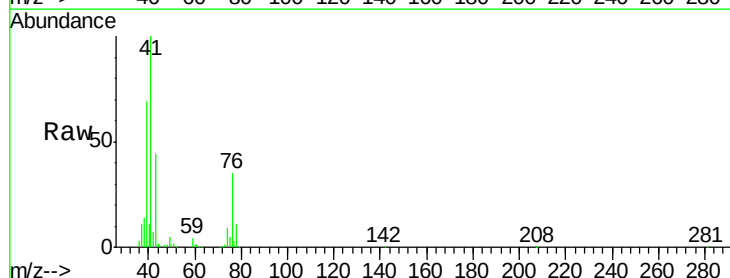
Tgt Ion: 41 Resp: 200539

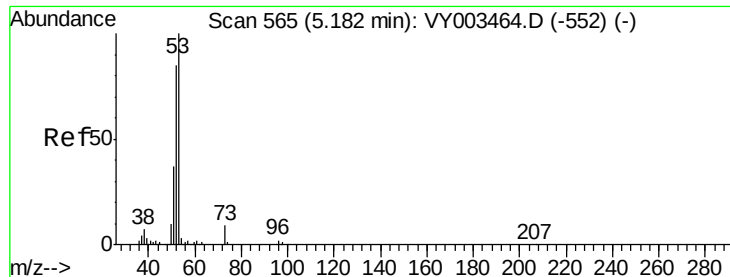
Ion Ratio Lower Upper

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 :

ICVVY110220

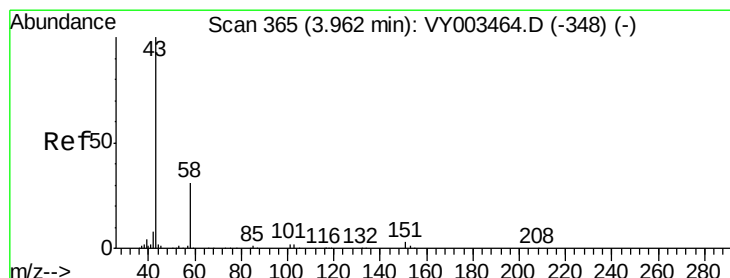
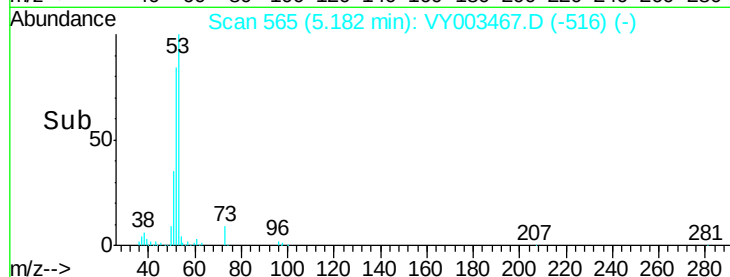
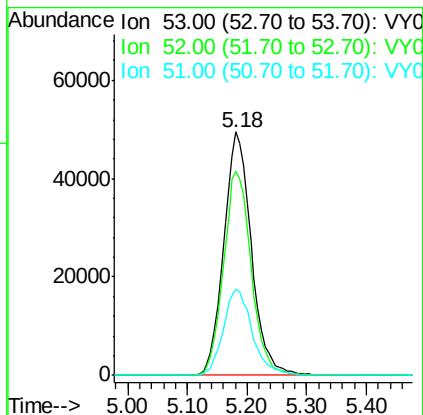
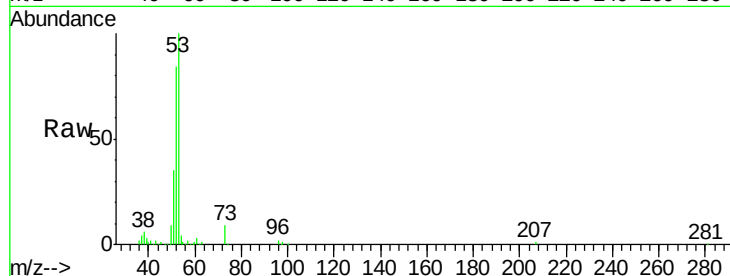
Tot Ion: 53 Resp: 159363

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

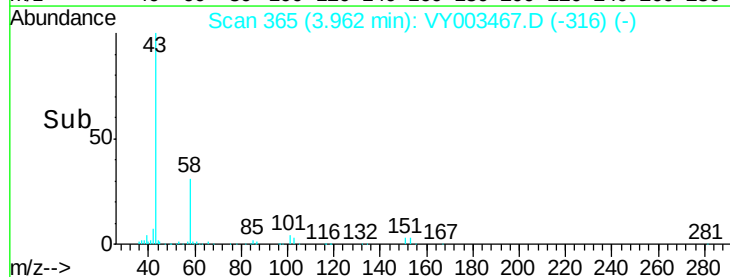
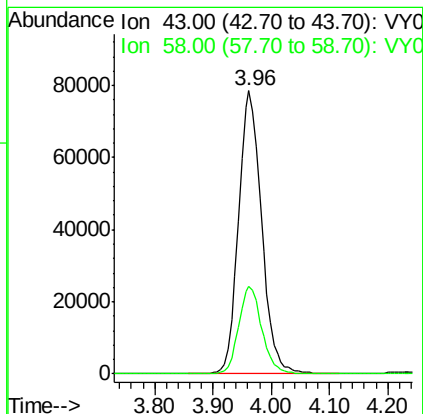
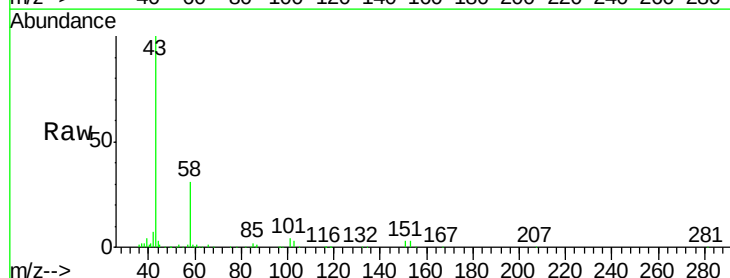
Acq: 02 Nov 2020 12:48

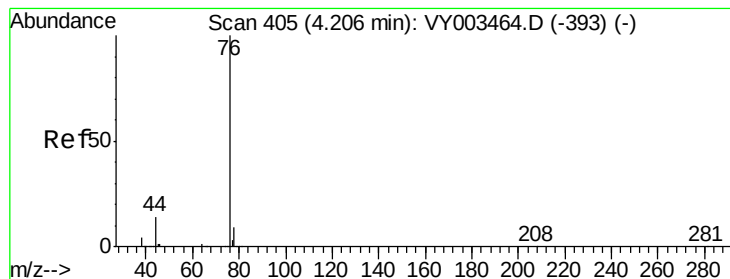
Tgt Ion: 43 Resp: 216462

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 :

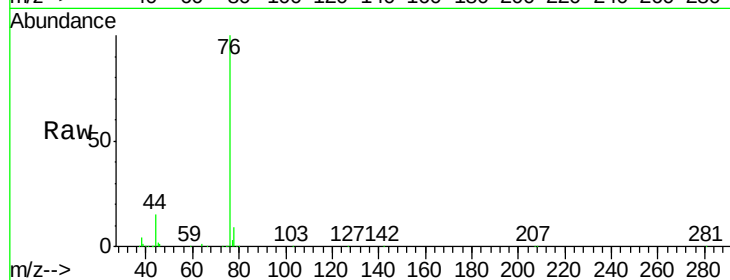
ICVVY110220

Tot Ion: 76 Resp: 354890

Ion Ratio Lower Upper

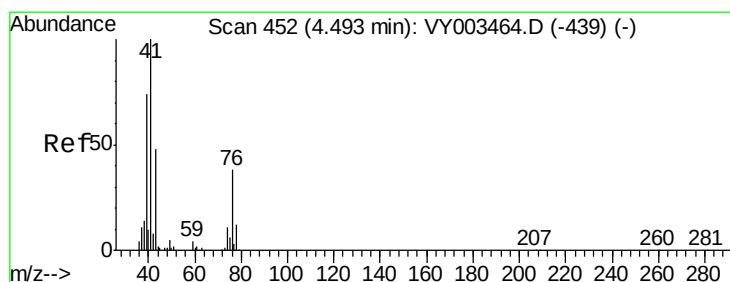
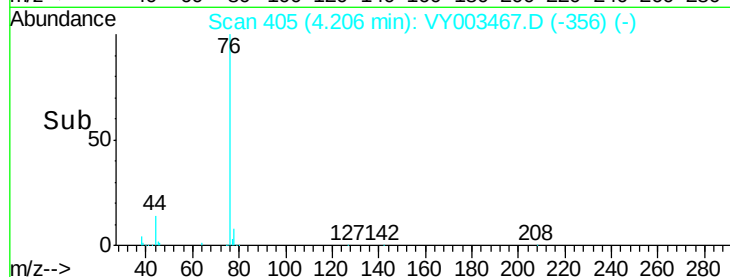
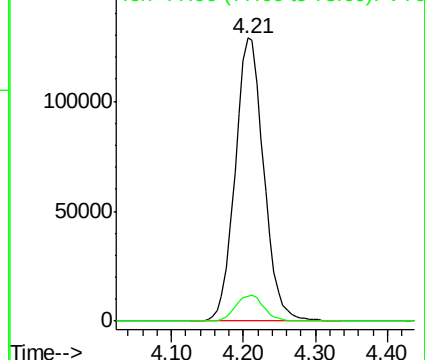
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 48.987 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.00 min

Lab File: VY003467.D

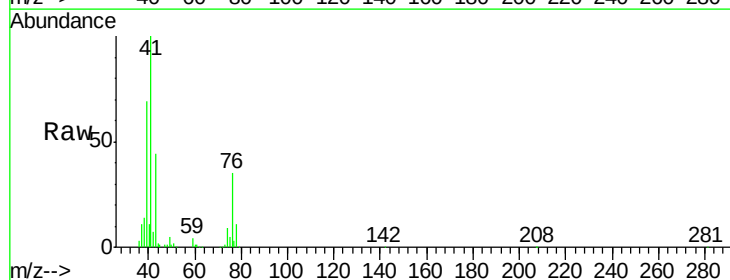
Acq: 02 Nov 2020 12:48

Tgt Ion: 43 Resp: 81640

Ion Ratio Lower Upper

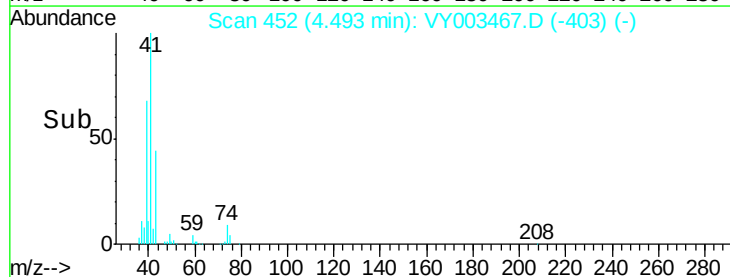
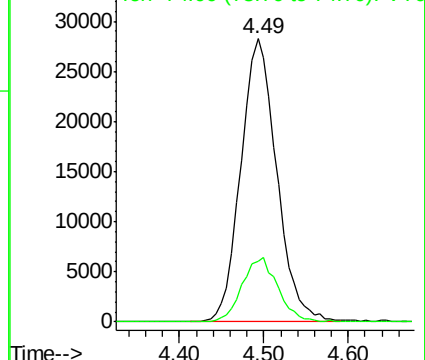
43 100

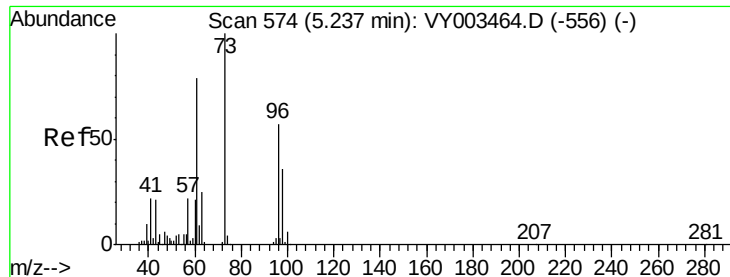
74 22.9 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

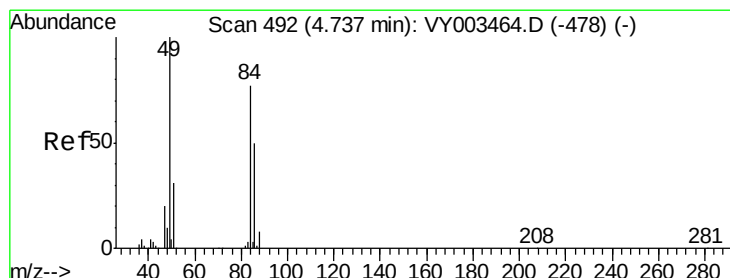
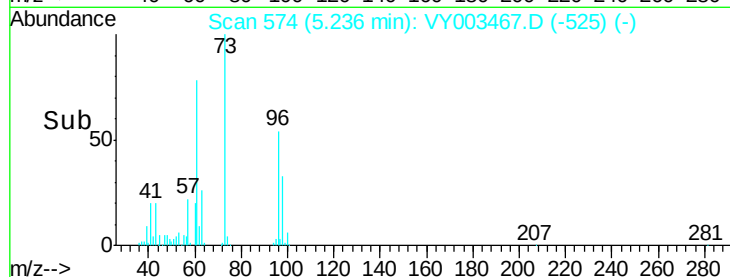
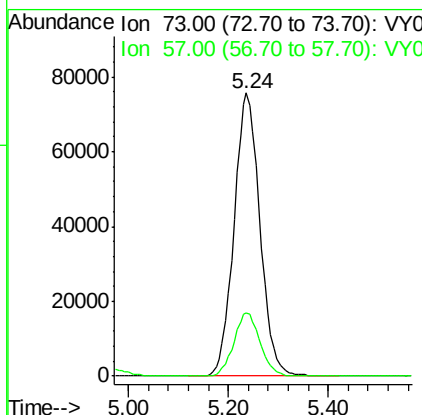
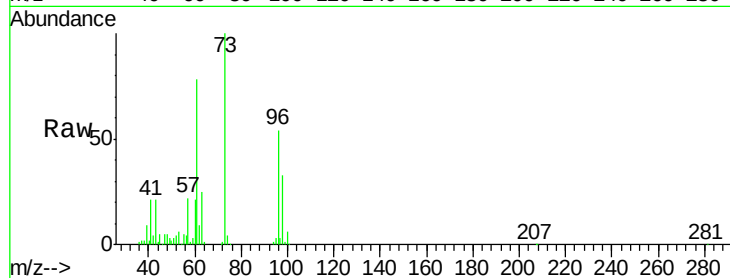




#19
Methyl tert-butyl Ether
Concen: 51.655 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

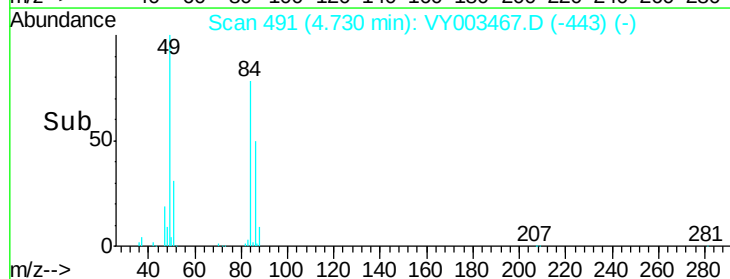
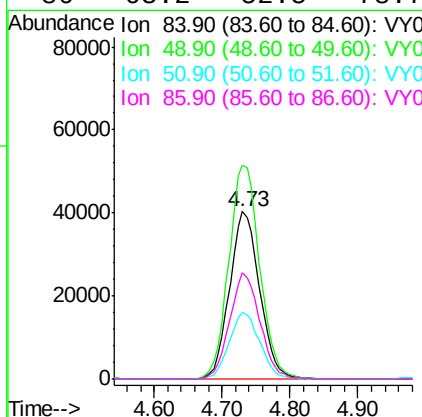
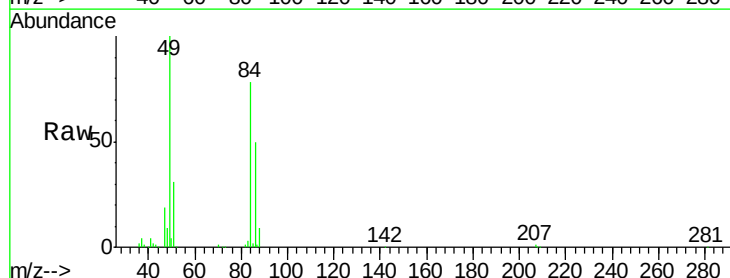
Instrument :
MSVOA_Y
ClientSampleId :
ICVYV110220

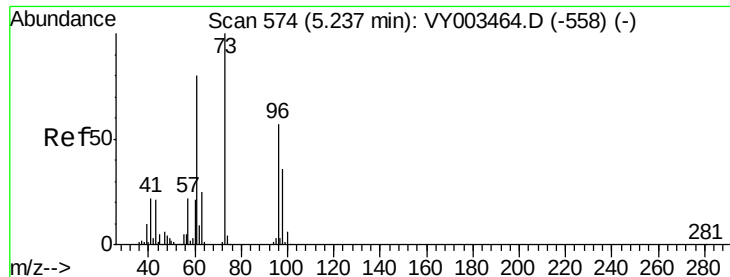
Tot Ion: 73 Resp: 272279
Ion Ratio Lower Upper
73 100
57 22.1 17.2 25.8



#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 :

ICVVY110220

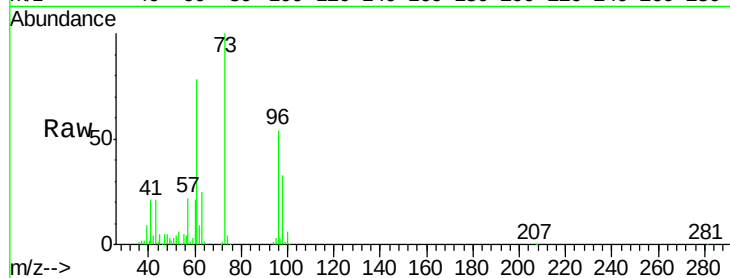
Tot Ion: 96 Resp: 127564

Ion Ratio Lower Upper

96 100

61 143.9 111.3 166.9

98 61.4 50.3 75.5

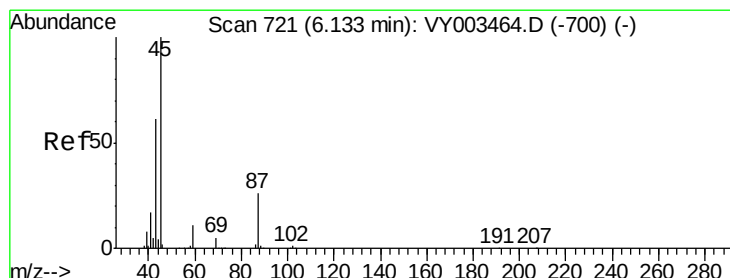
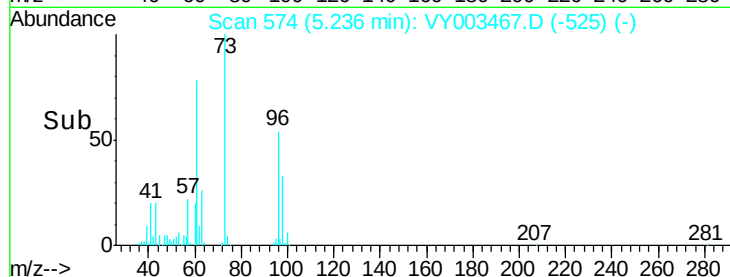
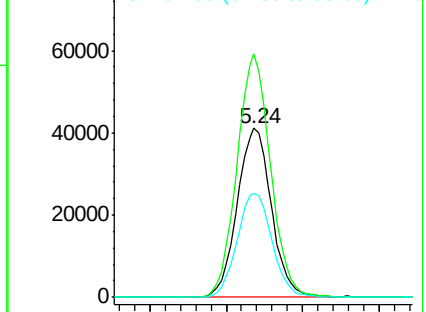


Abundance

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

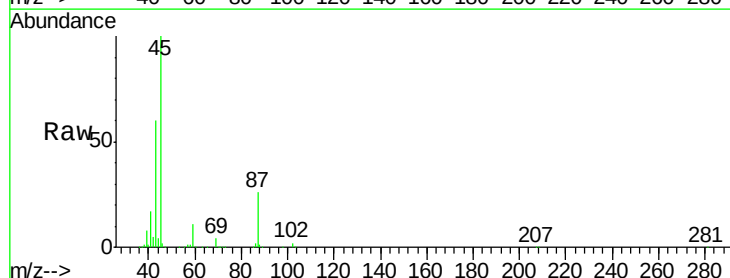
Ion Ratio Lower Upper

45 100

43 59.9 48.8 73.2

87 25.6 20.6 31.0

59 10.8 9.0 13.4



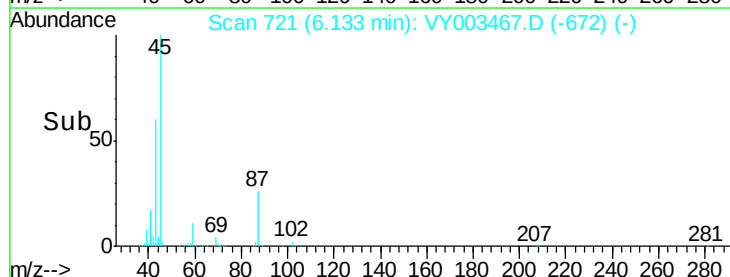
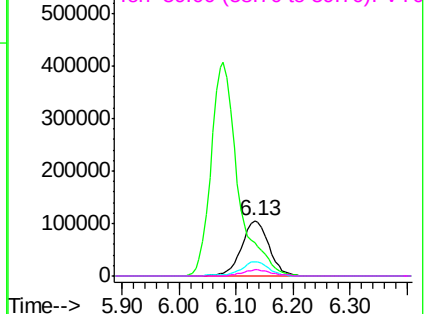
Abundance

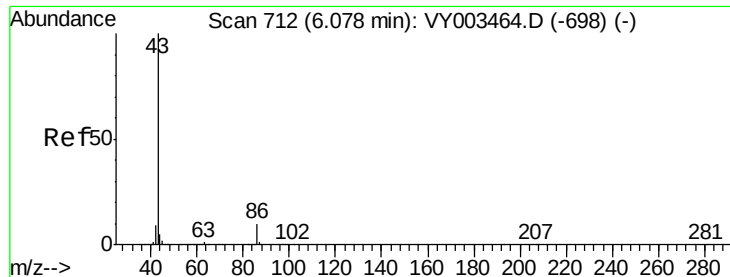
Ion 45.00 (44.70 to 45.70): VY0

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 :

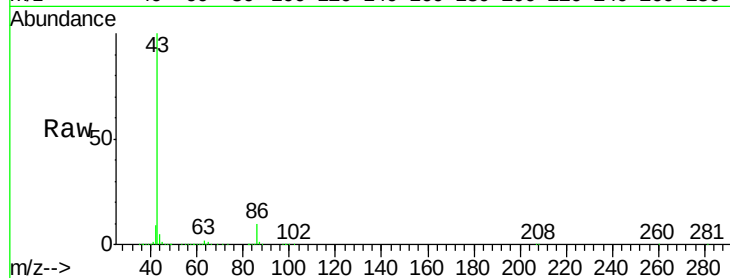
ICVVY110220

Tot Ion: 43 Resp: 1334228

Ion Ratio Lower Upper

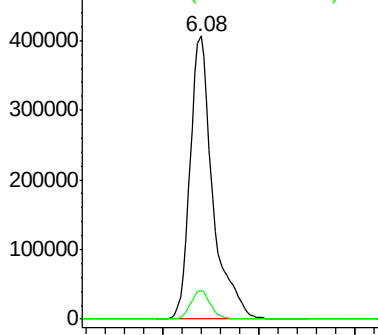
43 100

86 10.1 8.2 12.2

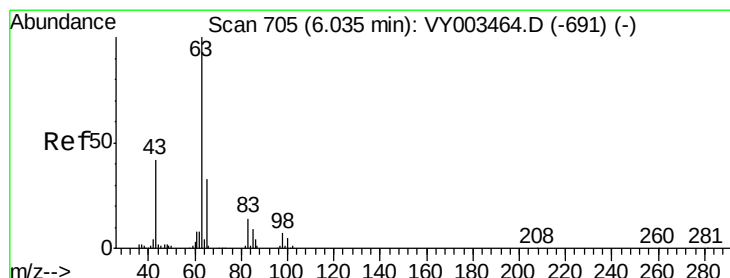
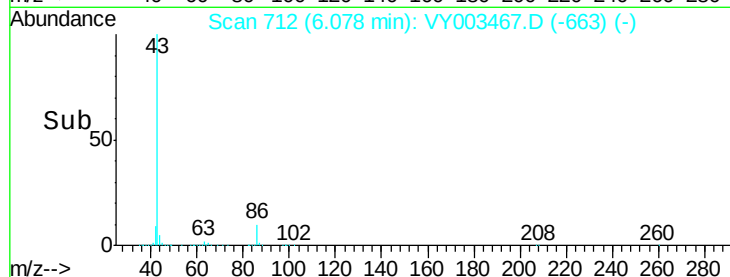


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#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

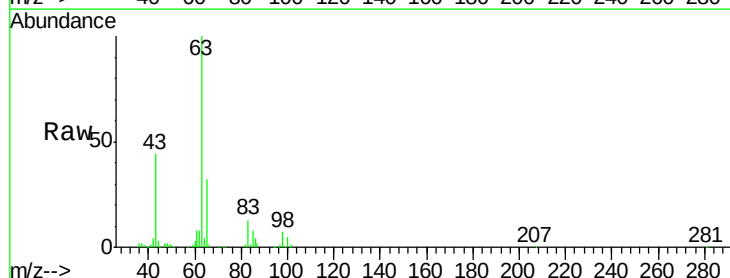
Tgt Ion: 63 Resp: 225252

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

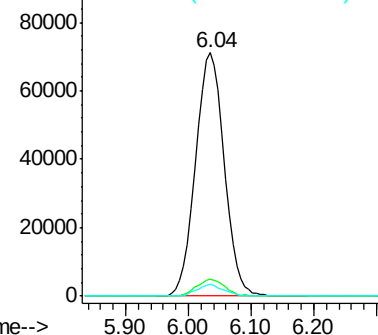
100 4.7 2.3 6.9



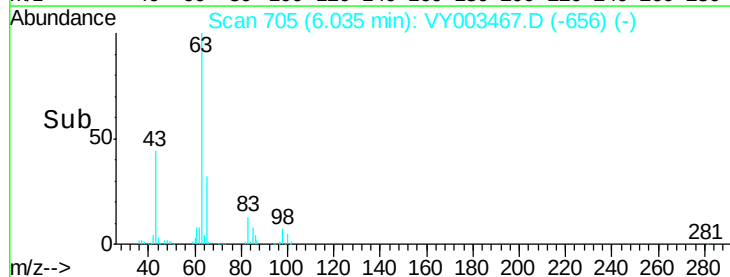
Abundance Ion 62.90 (62.60 to 63.60): VY0

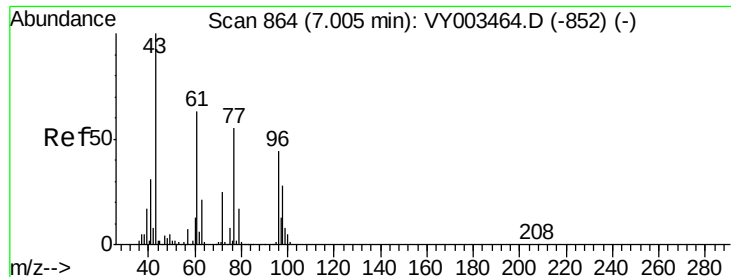
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#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 :

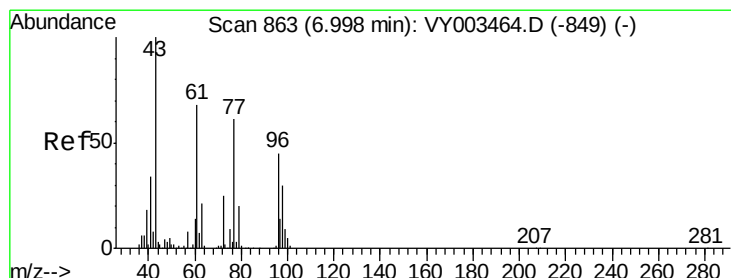
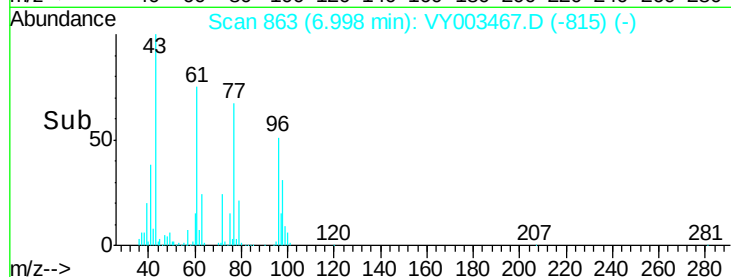
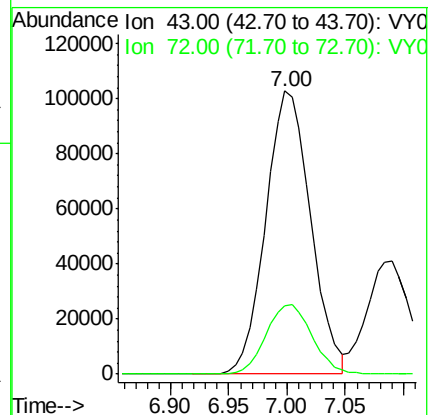
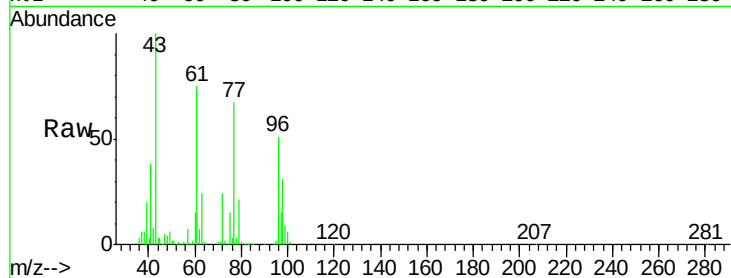
ICVVY110220

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

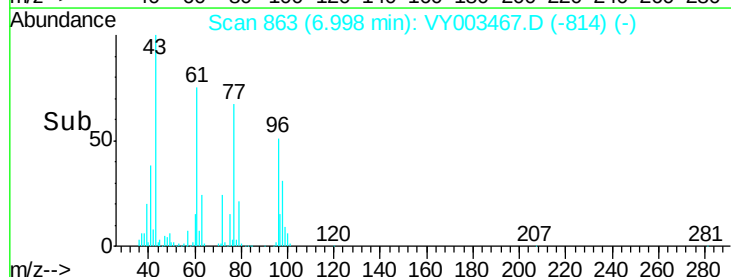
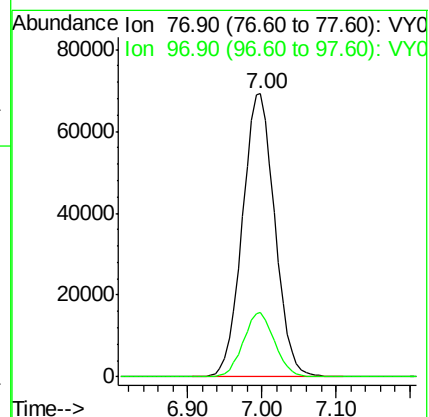
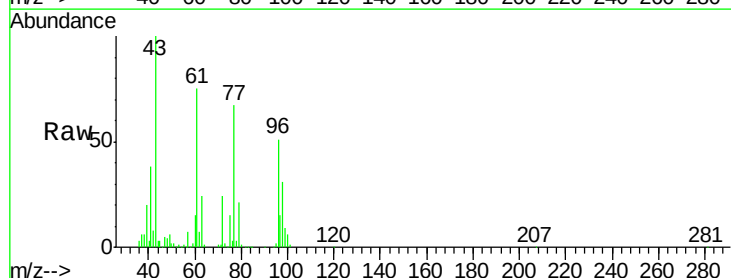
Acq: 02 Nov 2020 12:48

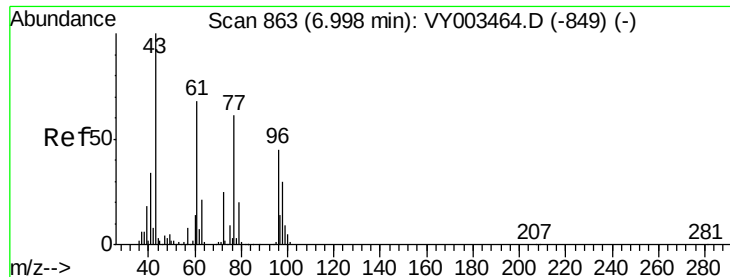
Tgt Ion: 77 Resp: 210805

Ion Ratio Lower Upper

77 100

97 22.0 11.2 33.6



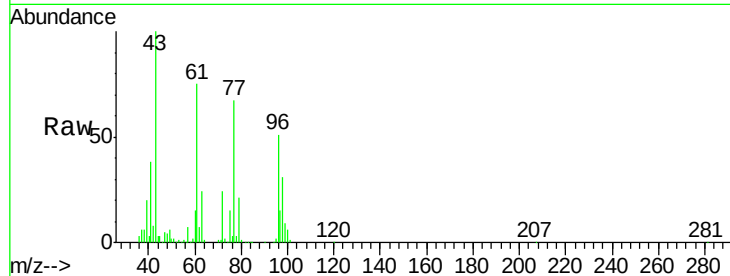


#27

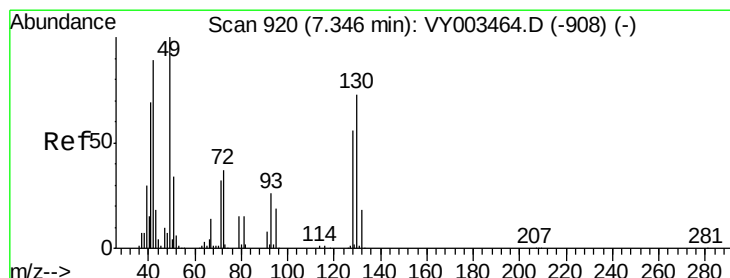
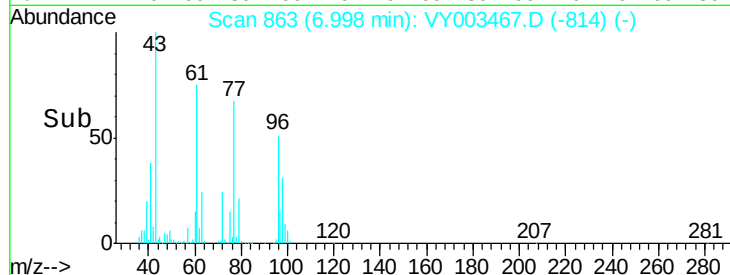
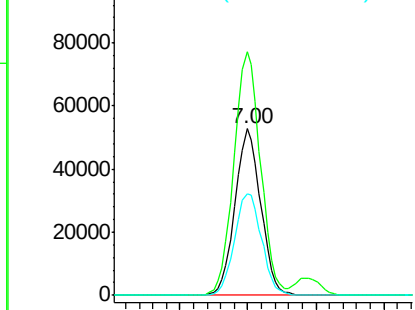
cis-1,2-Dichloroethene
 Concen: 51.991 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	299.2
98	64.1	0.0	128.6



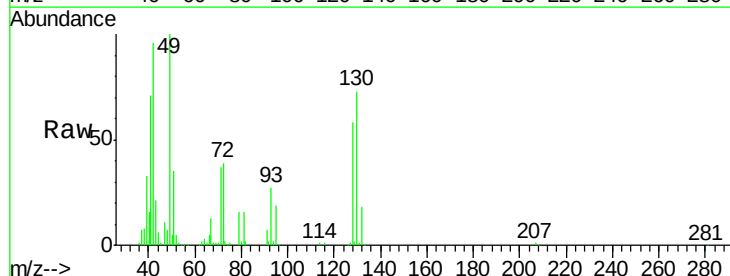
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



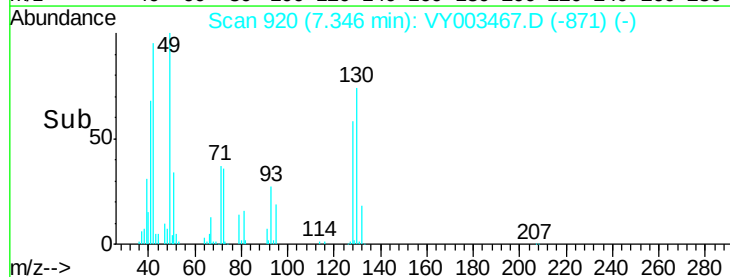
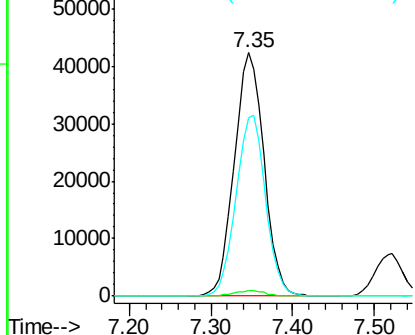
#28

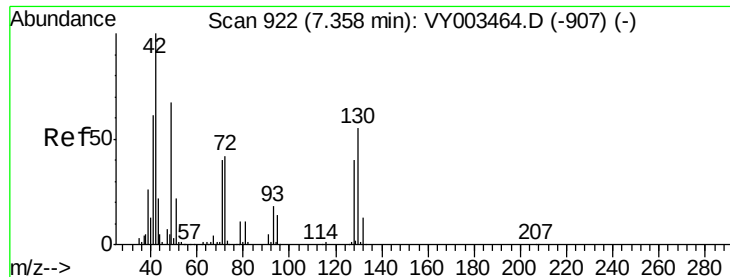
Bromochloromethane
 Concen: 48.980 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

Tgt Ion	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): VY0
 Ion 129.80 (129.50 to 130.50): VY0





#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

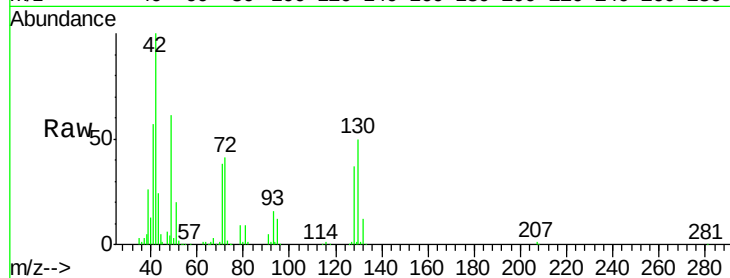
Tot Ion: 42 Resp: 142286

Ion Ratio Lower Upper

42 100

72 41.4 32.8 49.2

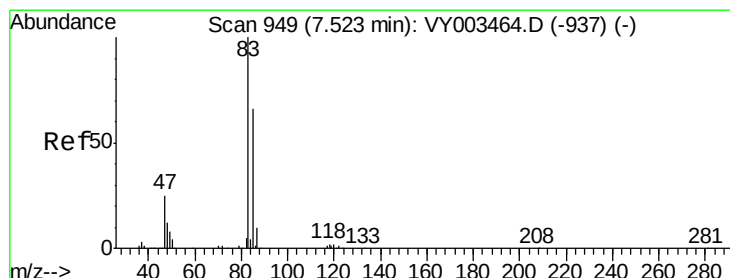
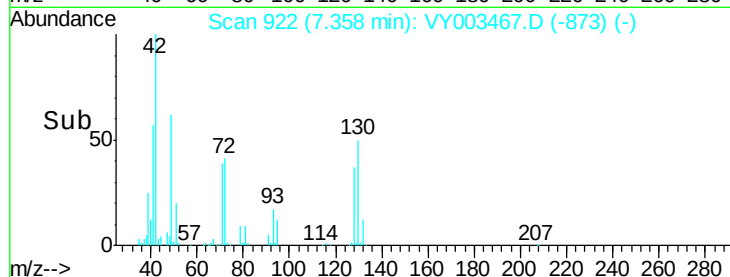
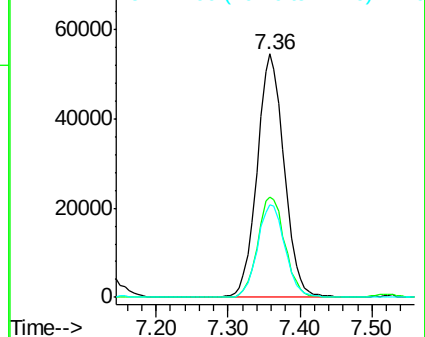
71 38.8 30.7 46.1



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

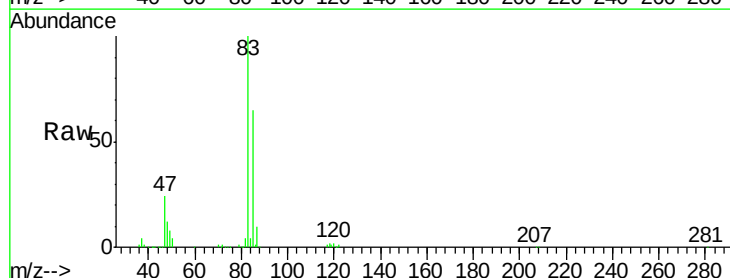
Acq: 02 Nov 2020 12:48

Tgt Ion: 83 Resp: 219143

Ion Ratio Lower Upper

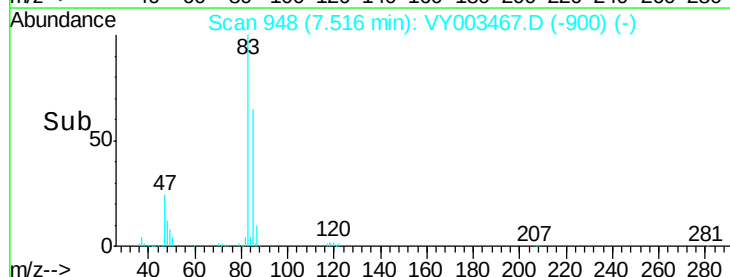
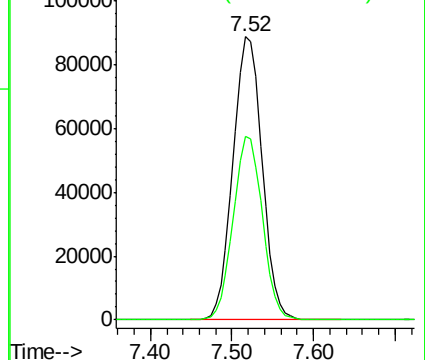
83 100

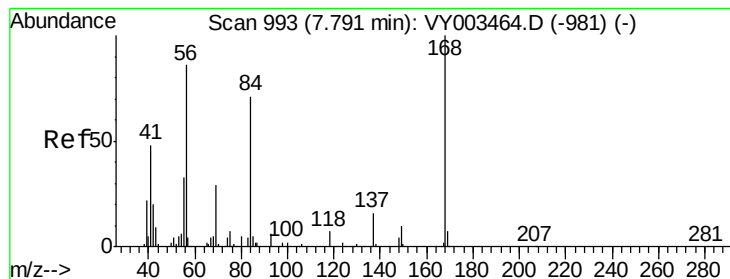
85 64.9 52.6 79.0



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

ClientSampleId :

ICVY110220

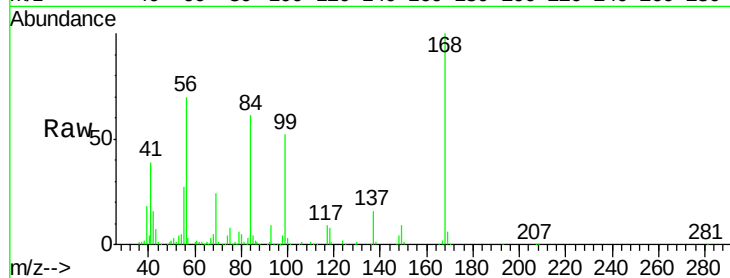
Tot Ion: 56 Resp: 197616

Ion Ratio Lower Upper

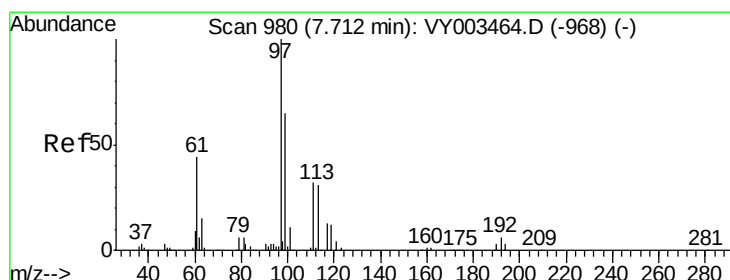
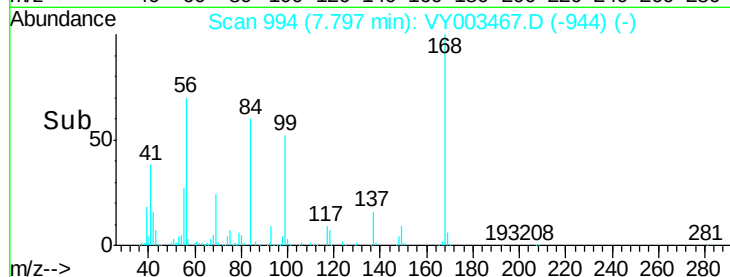
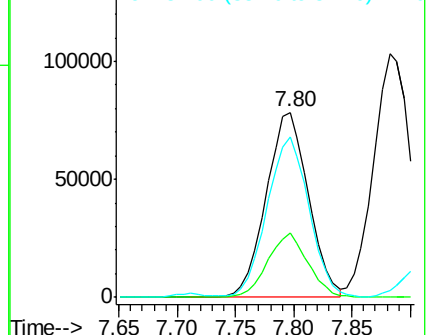
56 100

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

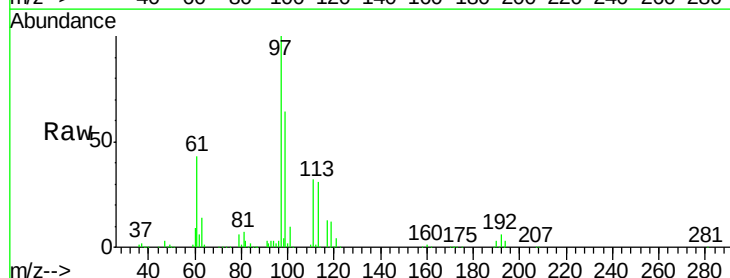
Tgt Ion: 97 Resp: 206726

Ion Ratio Lower Upper

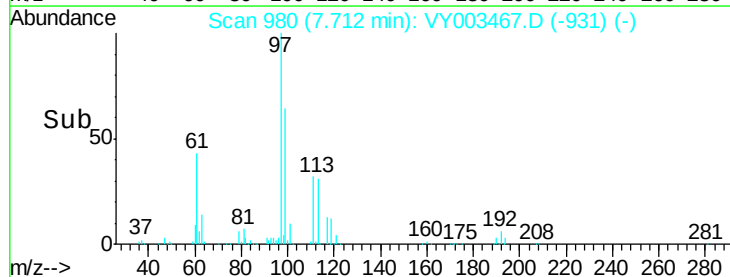
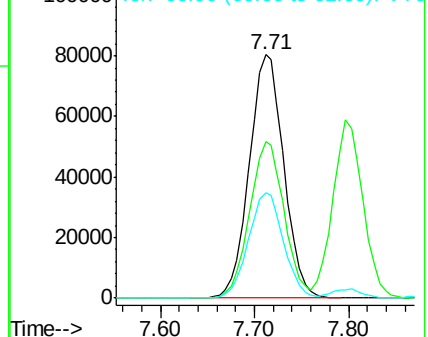
97 100

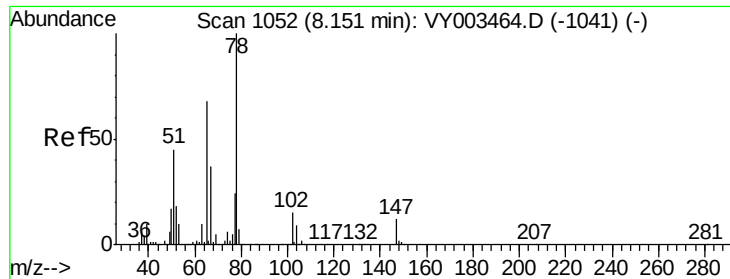
99 64.5 51.6 77.4

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

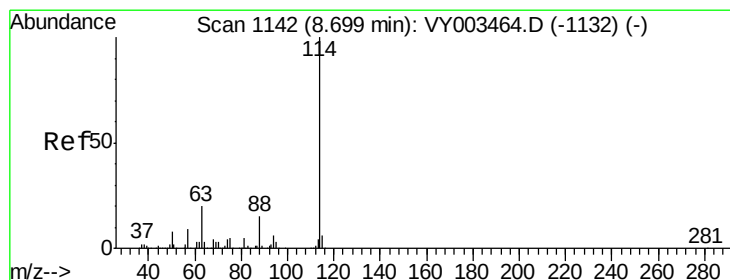
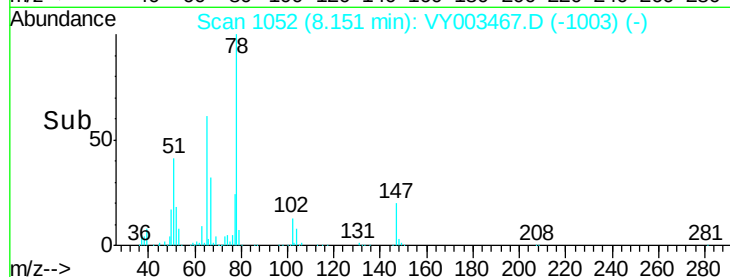
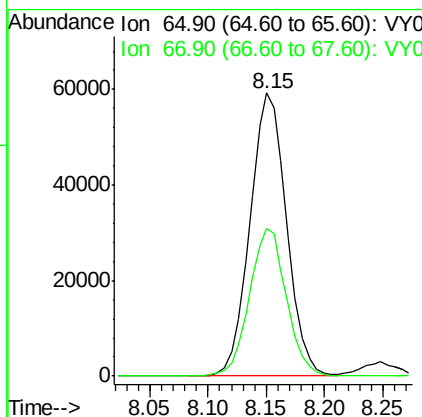
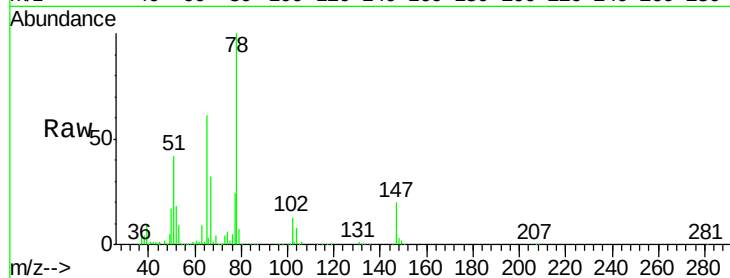




#33
 1,2-Dichloroethane-d4
 Concen: 48.444 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

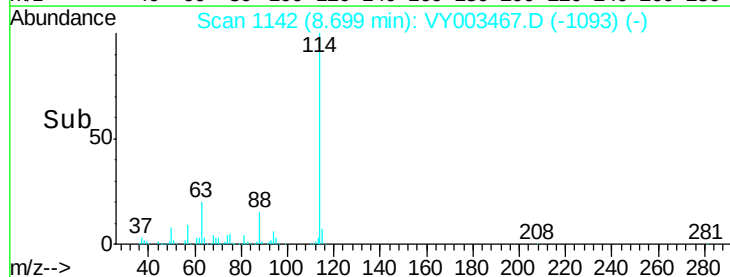
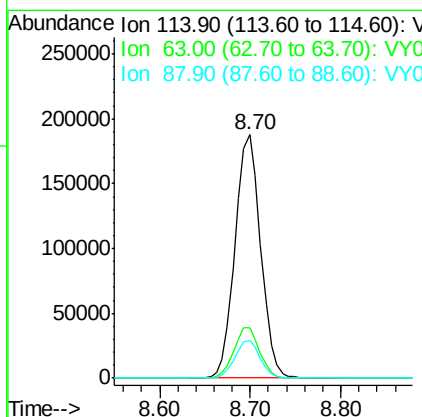
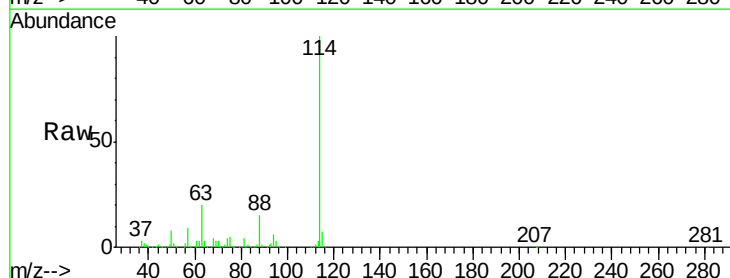
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

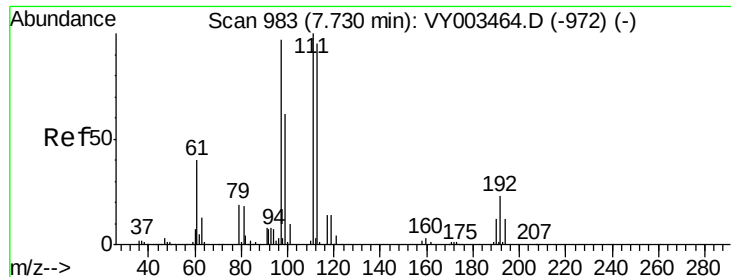
Tot Ion: 65 Resp: 129506
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.0



#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: 114 Resp: 368191
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.6
 88 15.5 0.0 29.4

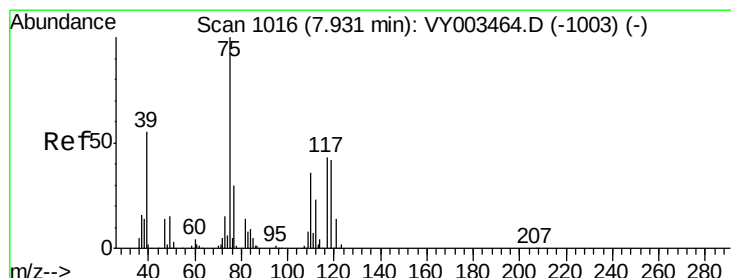
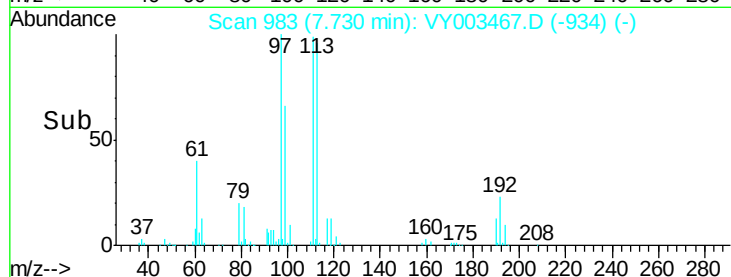
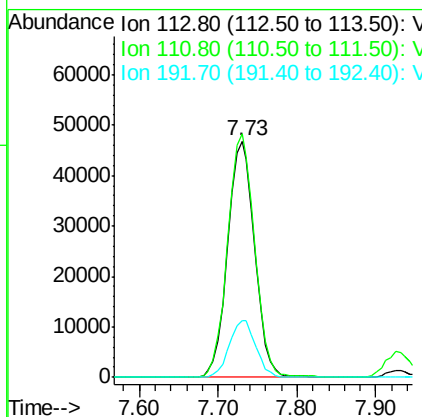
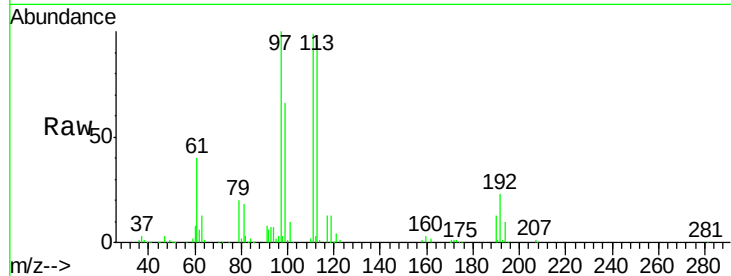




#35
 Dibromofluoromethane
 Concen: 49.736 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

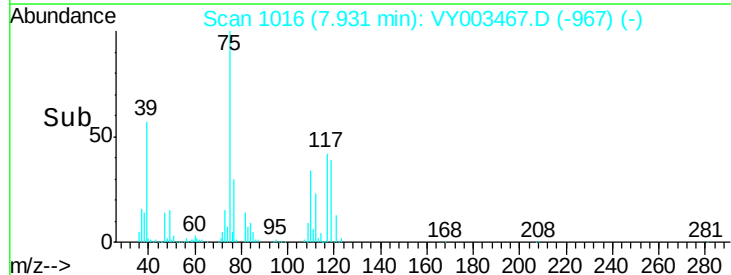
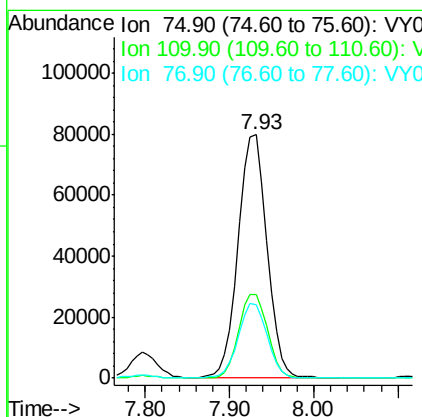
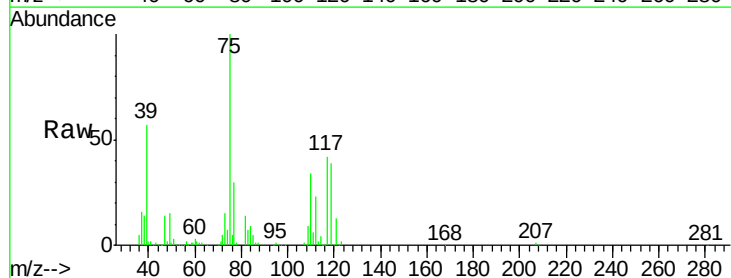
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

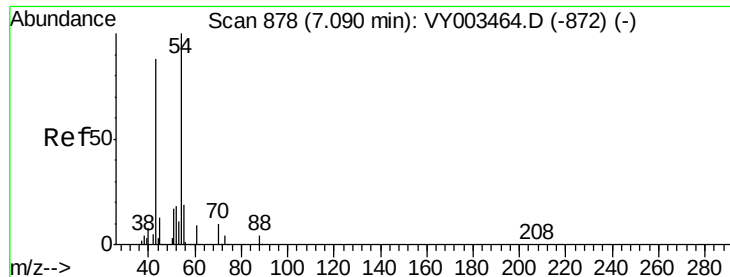
Tot Ion:113 Resp: 111435
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.6
 192 23.8 18.8 28.2



#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

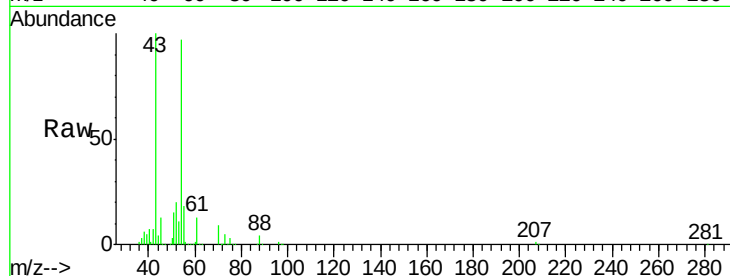




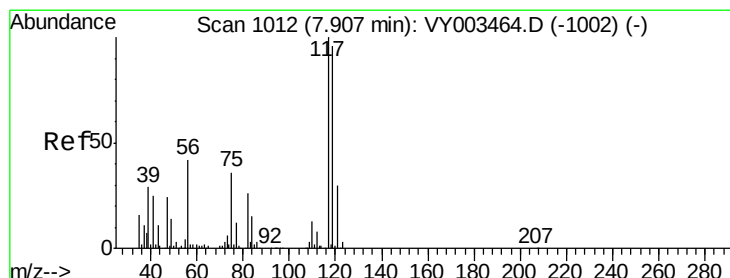
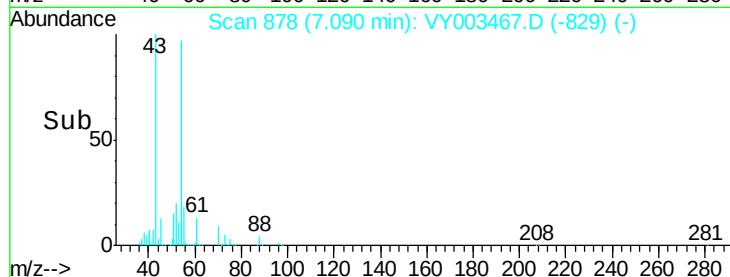
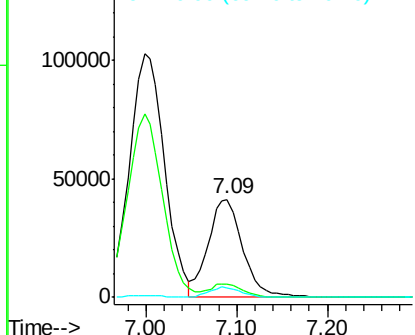
#37
Ethyl Acetate
Concen: 50.965 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

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

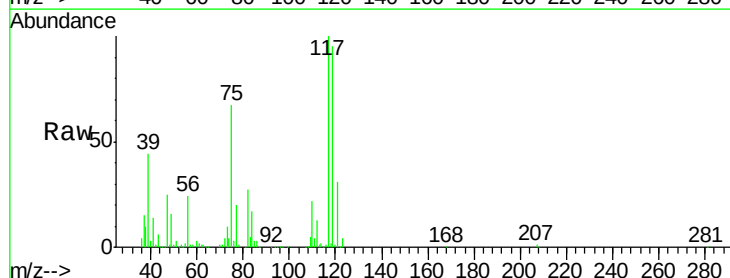


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

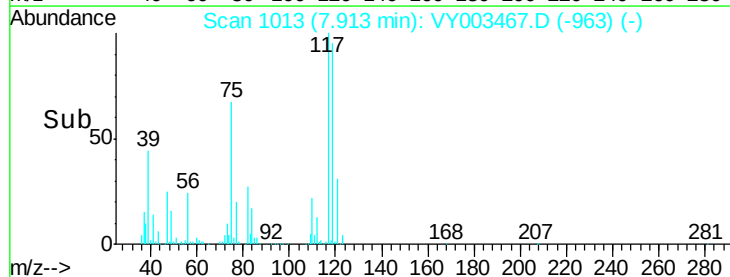
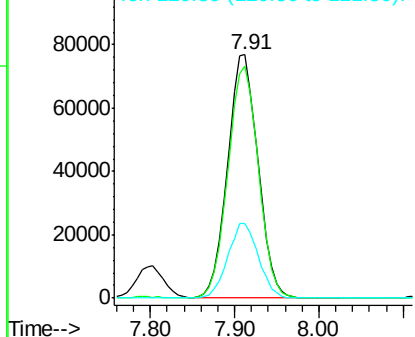


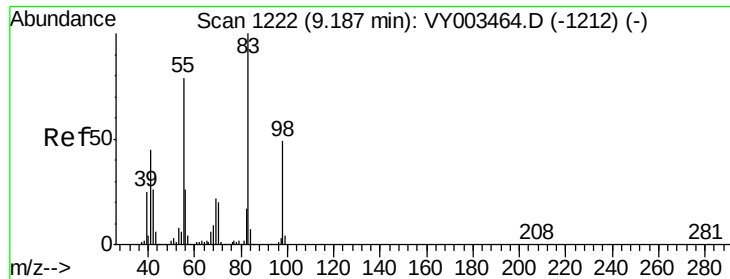
#38
Carbon Tetrachloride
Concen: 52.310 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

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



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

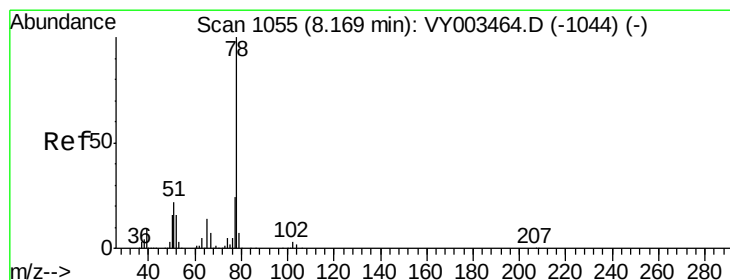
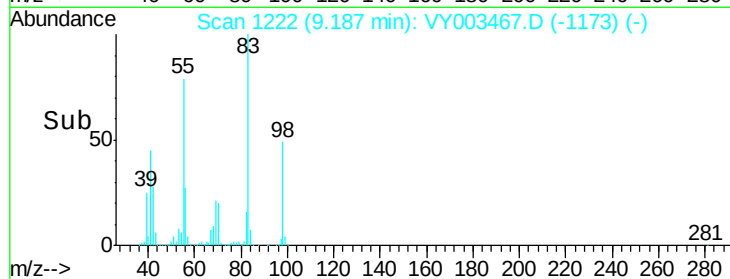
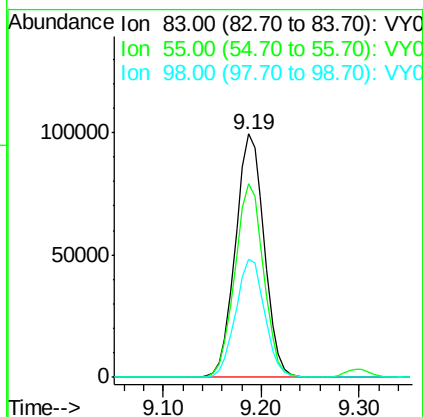
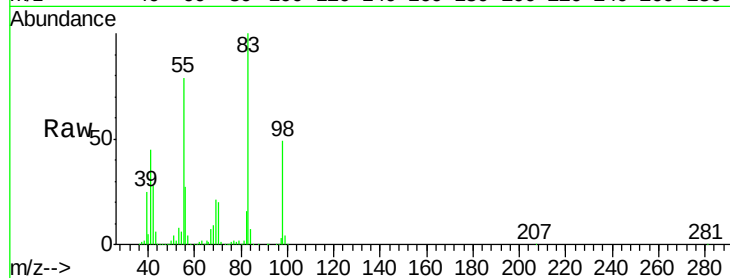




#39
Methylvlcyclohexane
Concen: 52.534 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

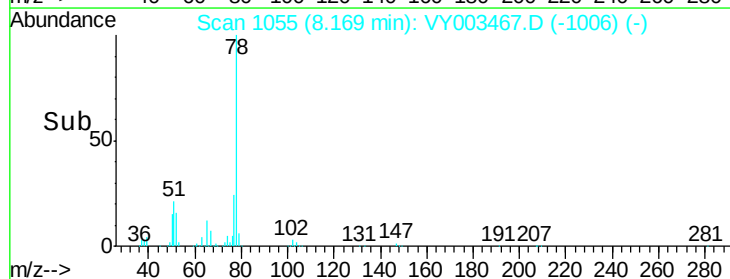
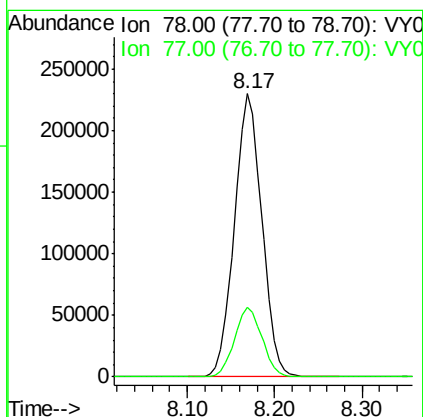
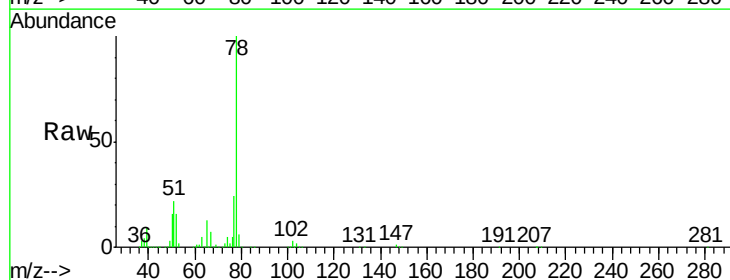
Instrument :
MSVOA_Y
ClientSampleId :
ICVYV110220

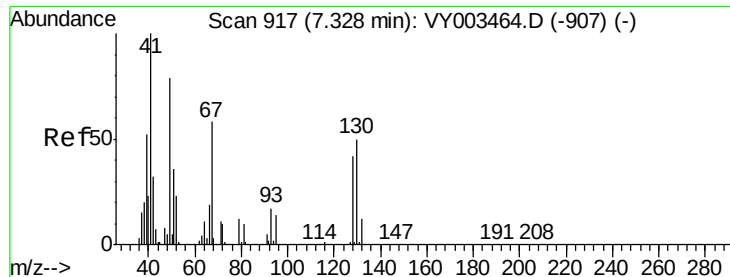
Tot Ion: 83 Resp: 203065
Ion Ratio Lower Upper
83 100
55 79.4 63.5 95.3
98 48.5 39.4 59.2



#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: 49.599 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.00 min

Lab File: VY003467.D

Acq: 02 Nov 2020 12:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVYV110220

Tot Ion: 41 Resp: 57094

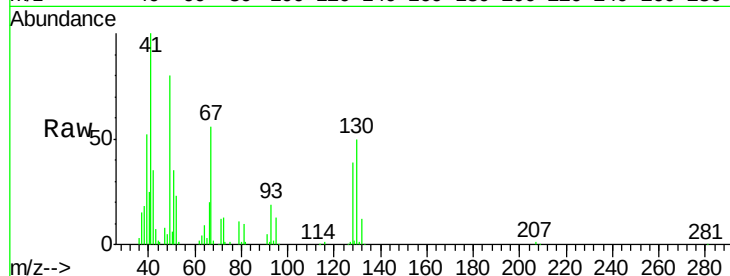
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

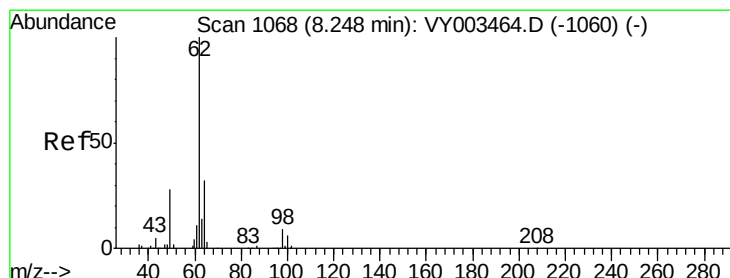
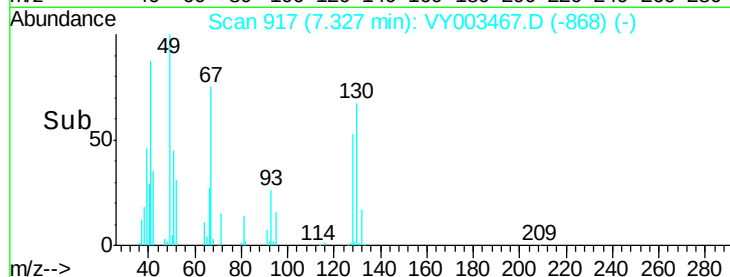
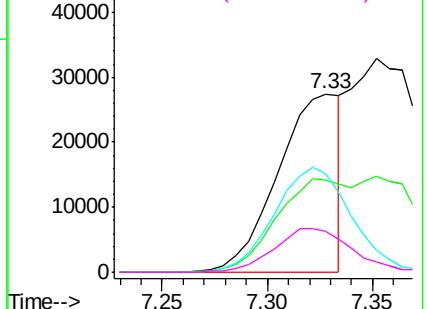


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#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

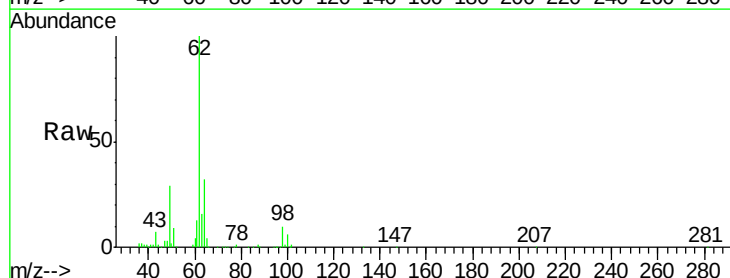
Acq: 02 Nov 2020 12:48

Tgt Ion: 62 Resp: 153170

Ion Ratio Lower Upper

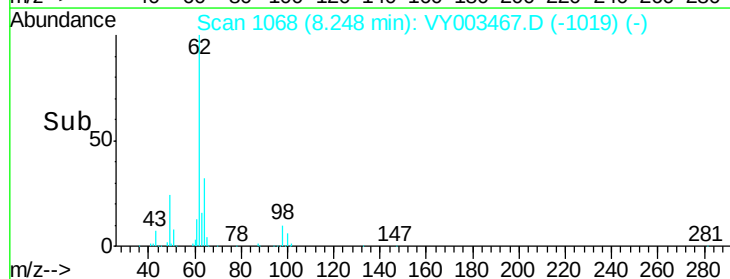
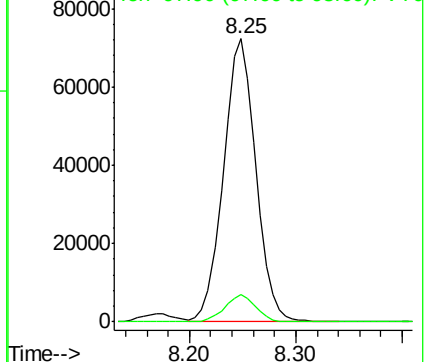
62 100

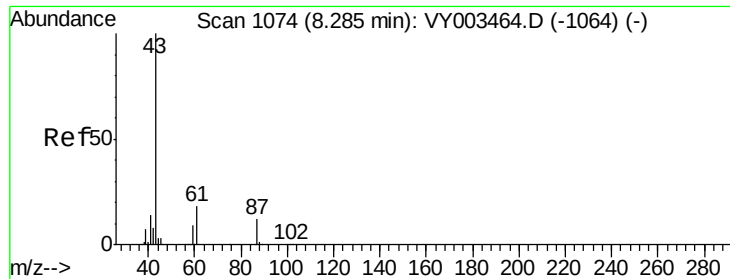
98 9.4 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#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

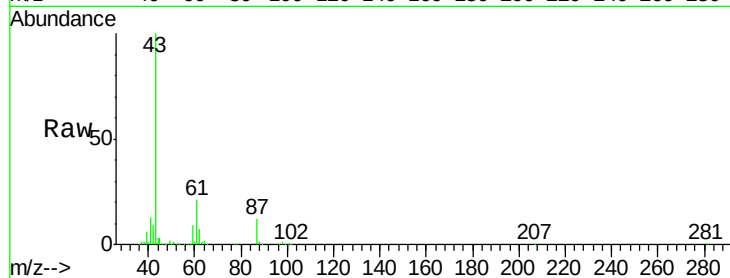
Tot Ion: 43 Resp: 199282

Ion Ratio Lower Upper

43 100

61 28.3 21.9 32.9

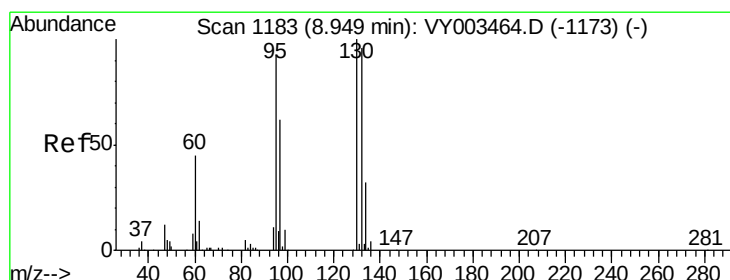
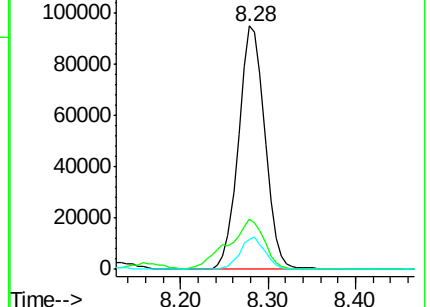
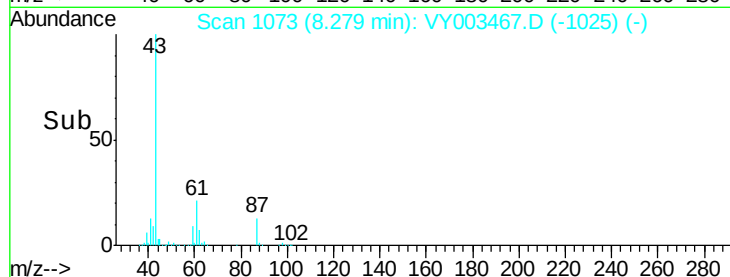
87 12.7 10.0 15.0



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

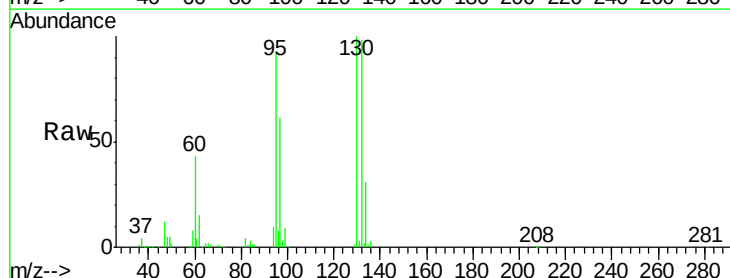
Acq: 02 Nov 2020 12:48

Tgt Ion:130 Resp: 139718

Ion Ratio Lower Upper

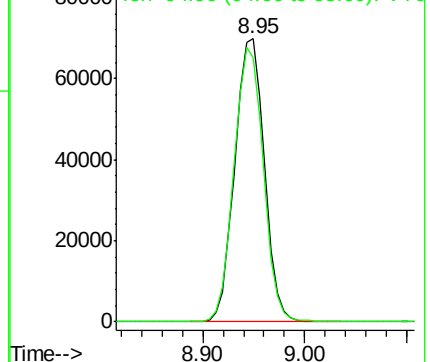
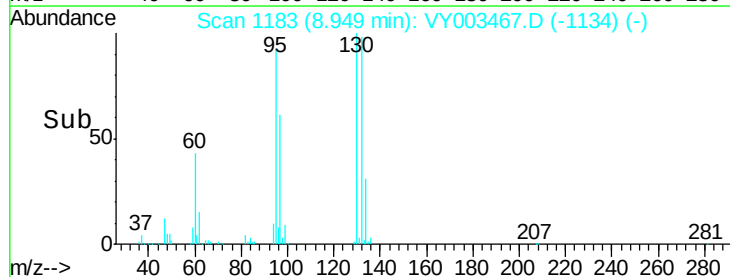
130 100

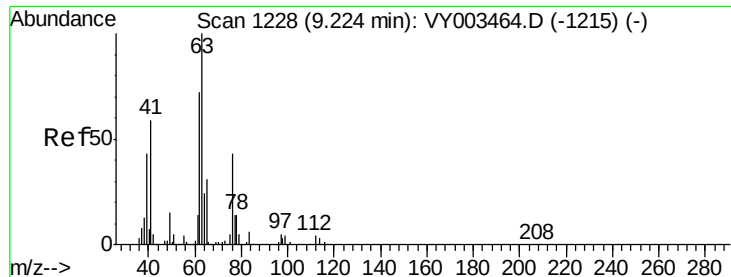
95 93.3 0.0 186.6



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

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





#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 :

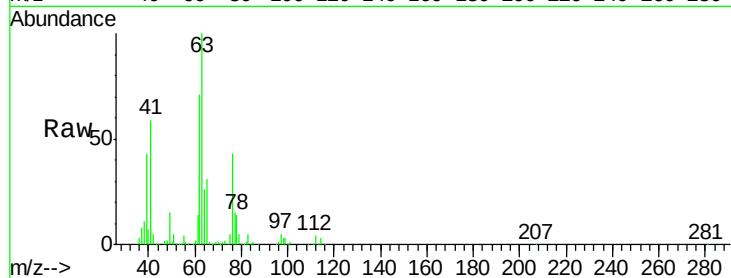
ICVVY110220

Tot Ion: 63 Resp: 128604

Ion Ratio Lower Upper

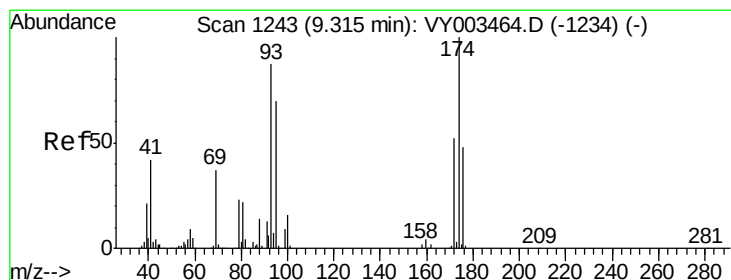
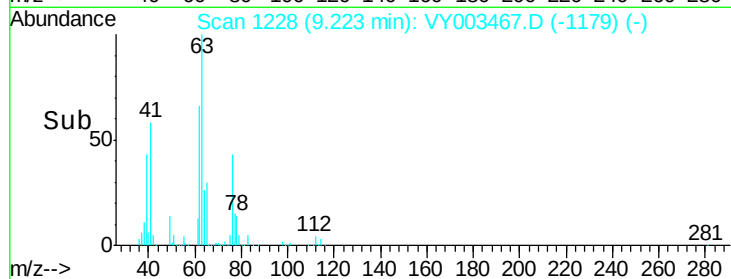
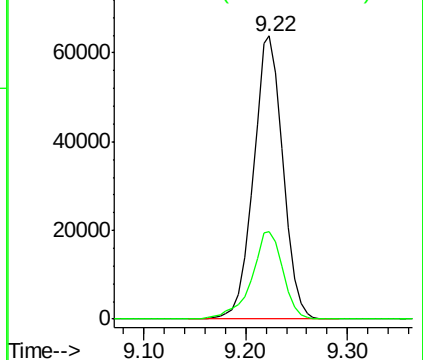
63 100

65 31.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#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

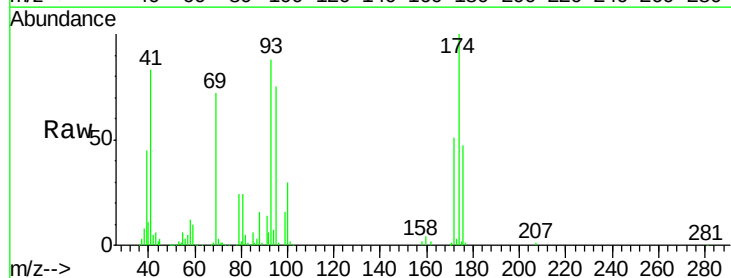
Tgt Ion: 93 Resp: 68766

Ion Ratio Lower Upper

93 100

95 82.8 65.0 97.6

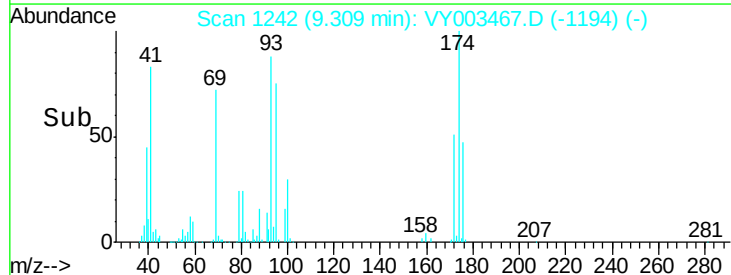
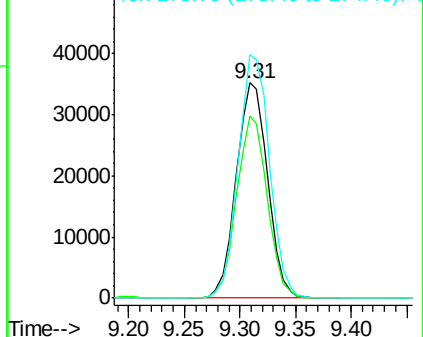
174 113.4 91.8 137.6

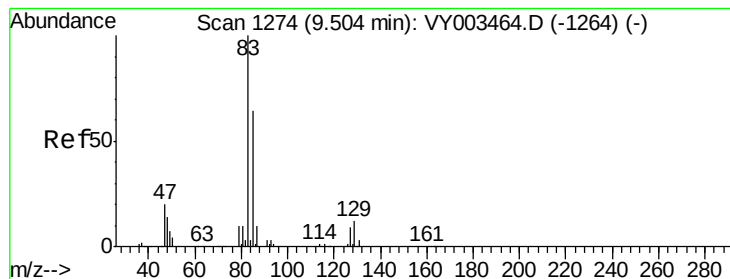


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#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 :

ICVY110220

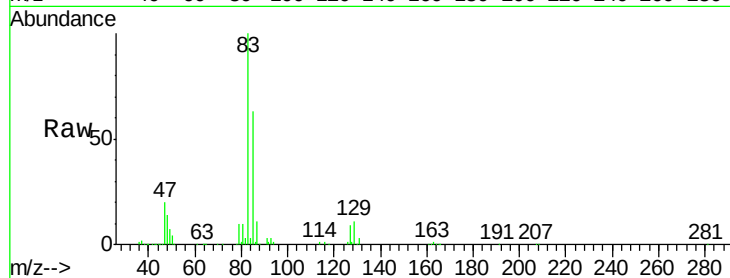
Tot Ion: 83 Resp: 172332

Ion Ratio Lower Upper

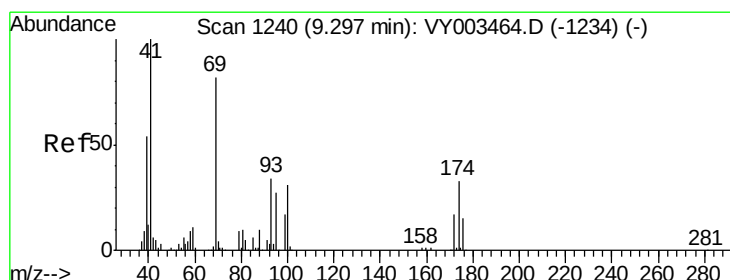
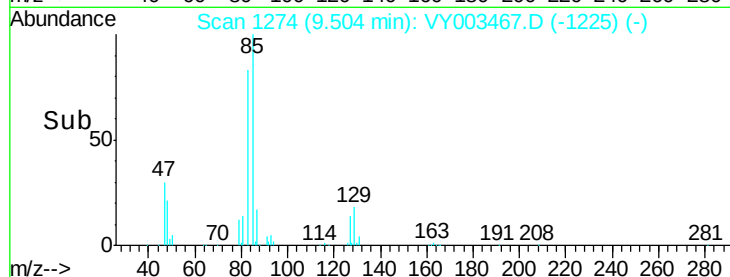
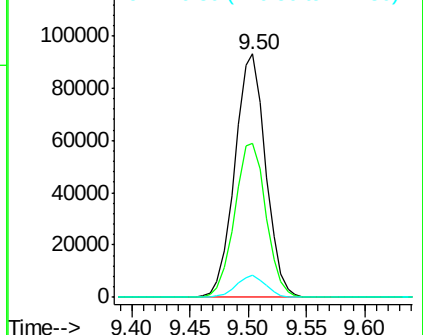
83 100

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

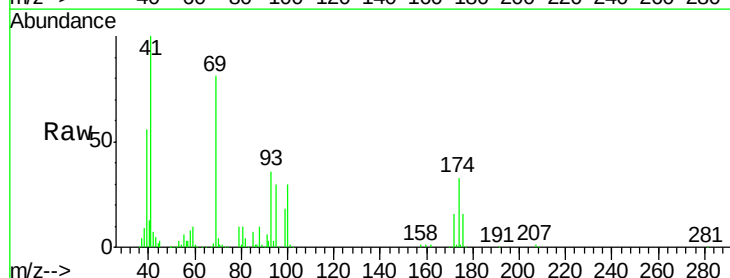
Tgt Ion: 41 Resp: 93468

Ion Ratio Lower Upper

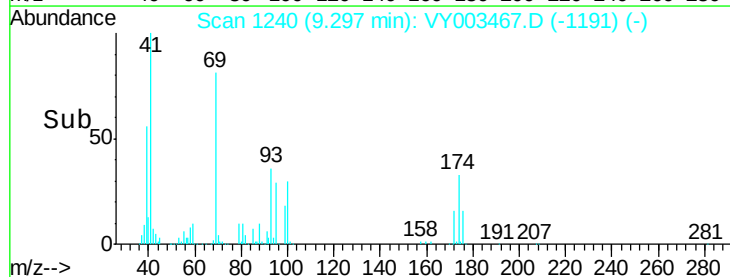
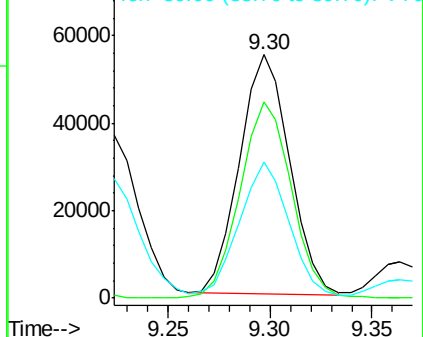
41 100

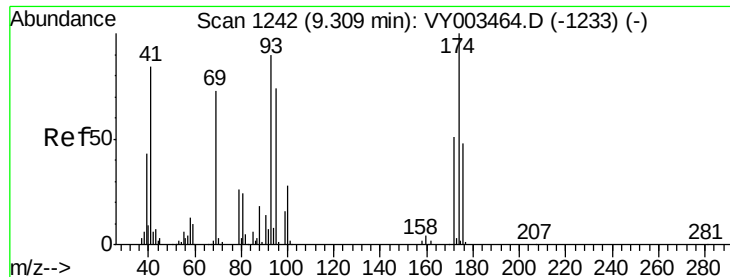
69 84.3 65.9 98.9

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

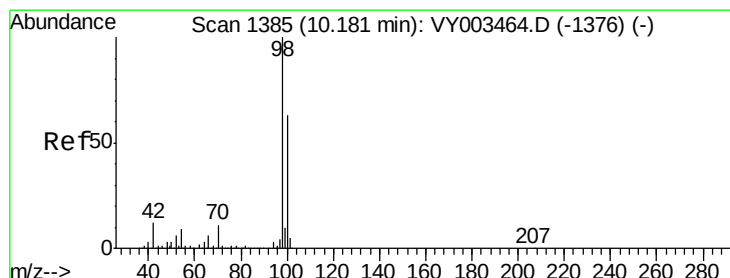
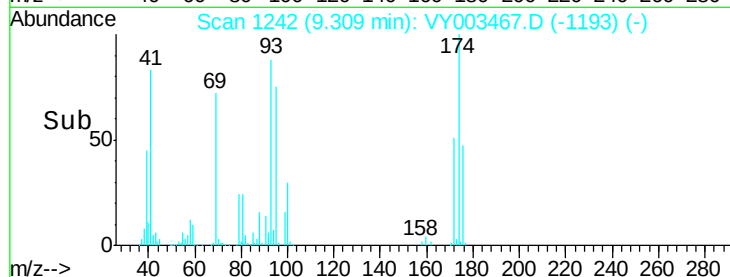
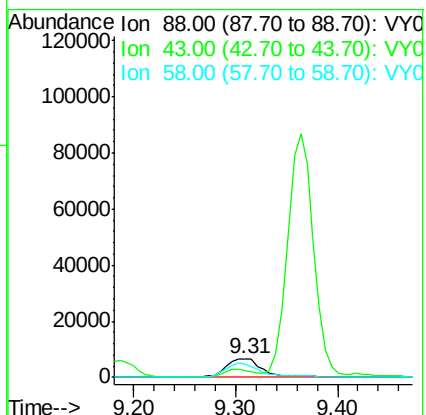
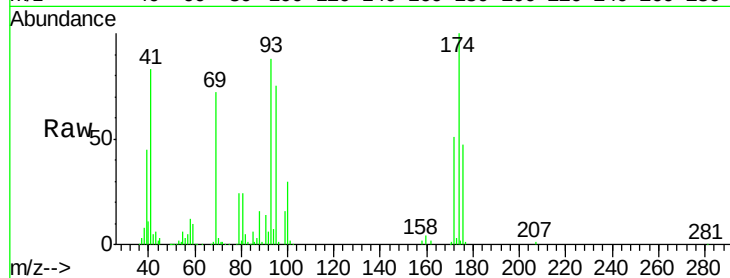
Tot Ion: 88 Resp: 16726

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

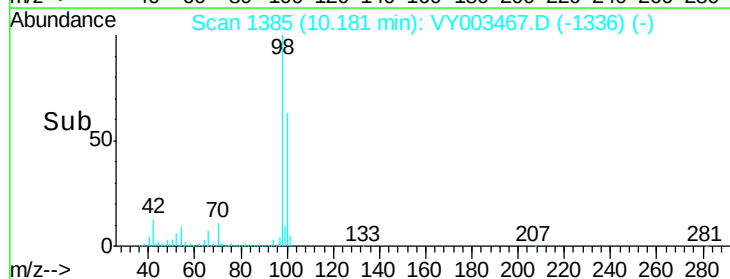
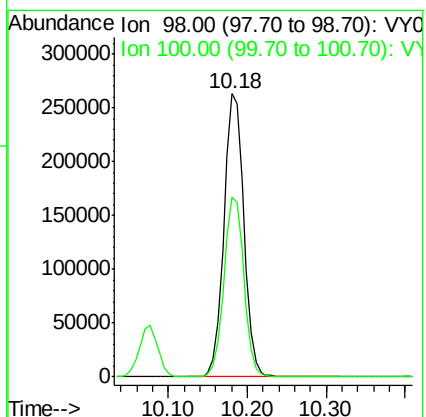
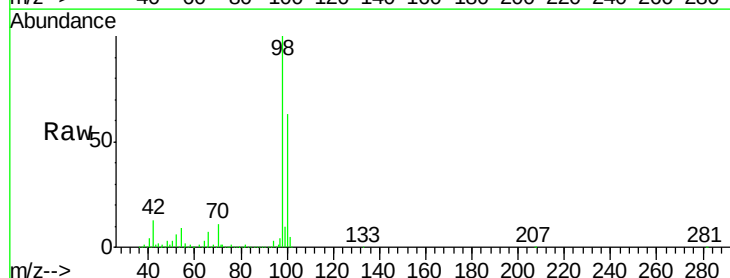
Acq: 02 Nov 2020 12:48

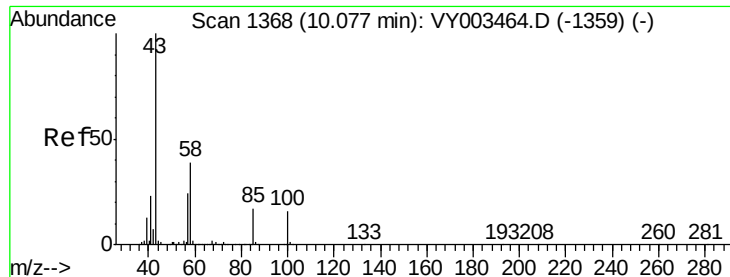
Tgt Ion: 98 Resp: 461147

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 :

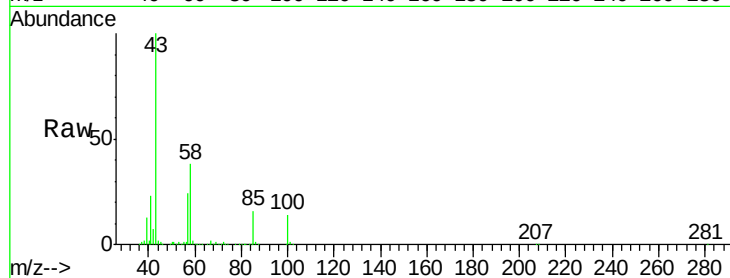
ICVY110220

Tot Ion: 43 Resp: 529933

Ion Ratio Lower Upper

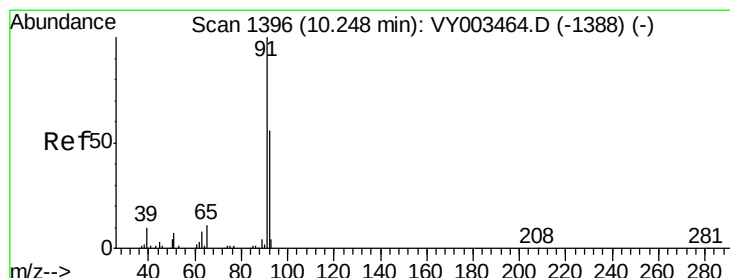
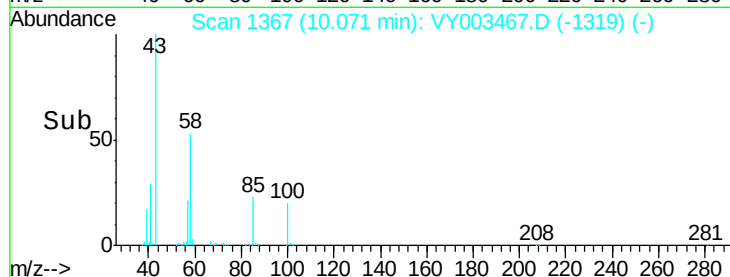
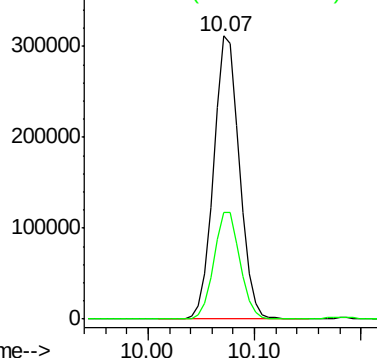
43 100

58 38.3 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 52.469 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY003467.D

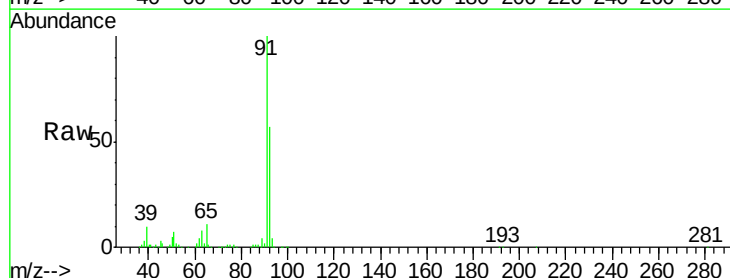
Acq: 02 Nov 2020 12:48

Tgt Ion: 92 Resp: 317041

Ion Ratio Lower Upper

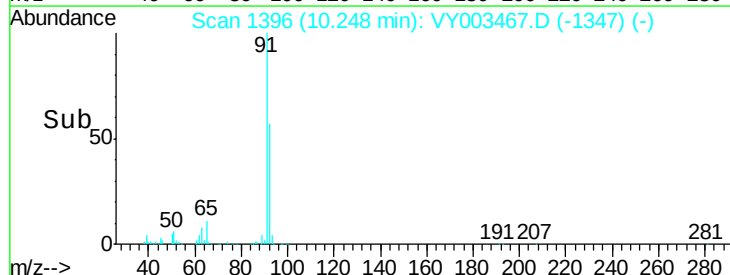
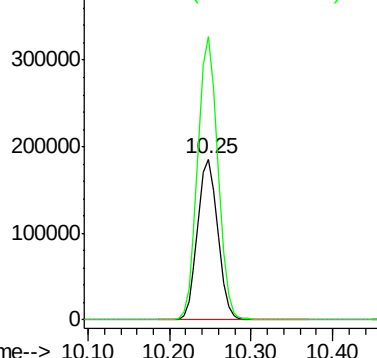
92 100

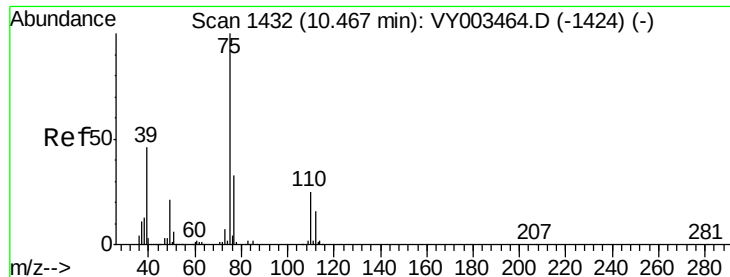
91 175.5 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#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 :

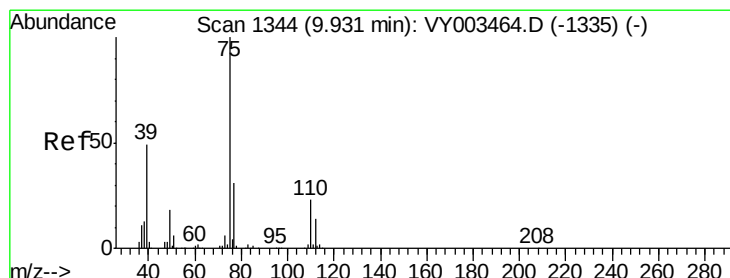
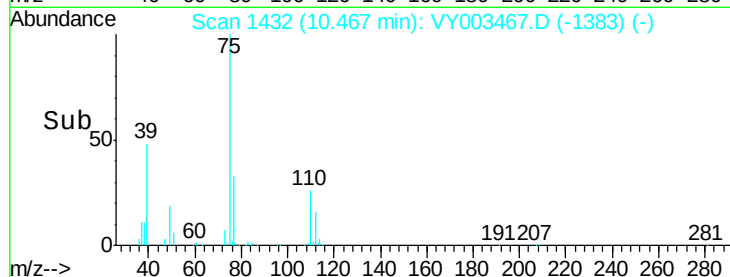
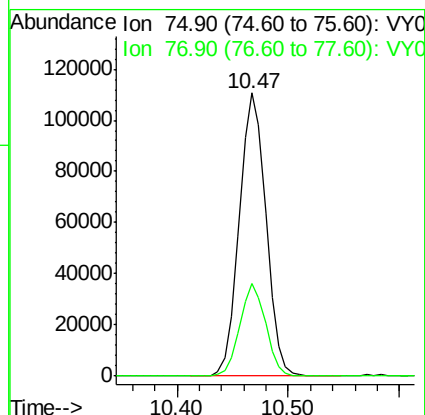
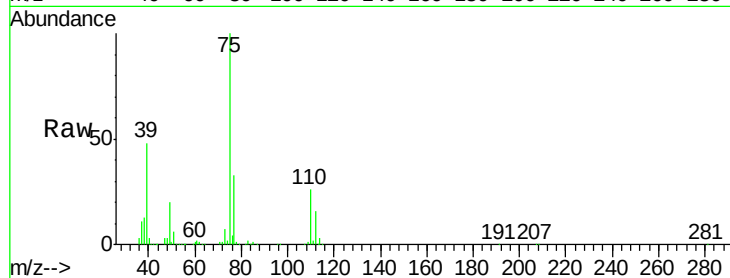
ICVY110220

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

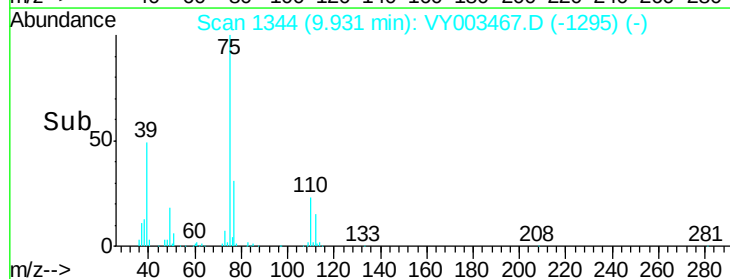
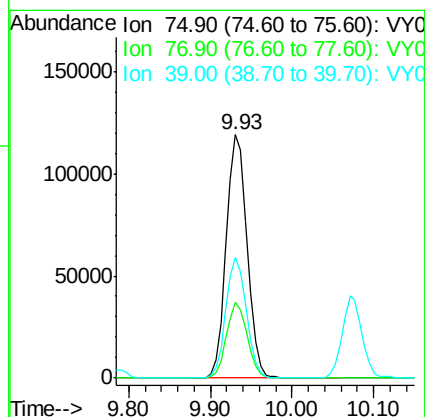
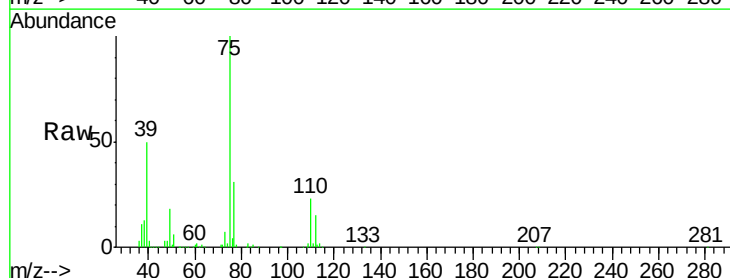
Tgt Ion: 75 Resp: 209779

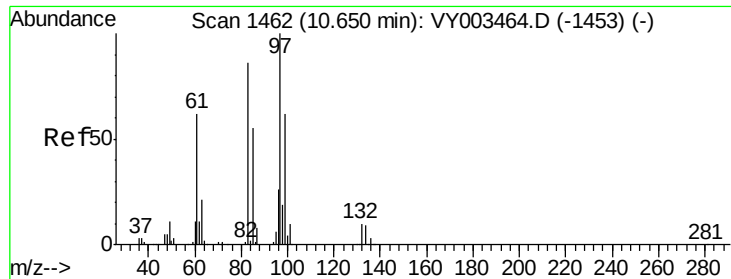
Ion Ratio Lower Upper

75 100

77 31.1 24.5 36.7

39 49.5 39.0 58.4

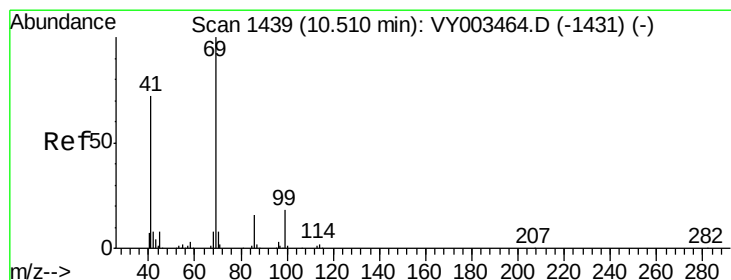
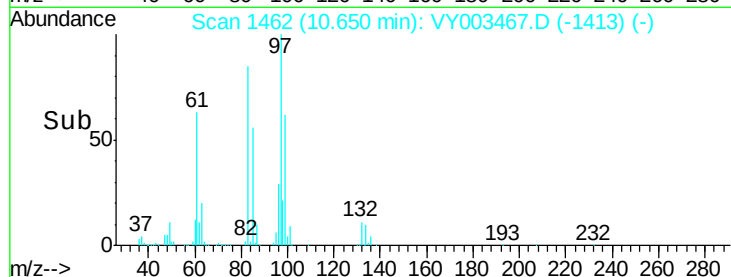
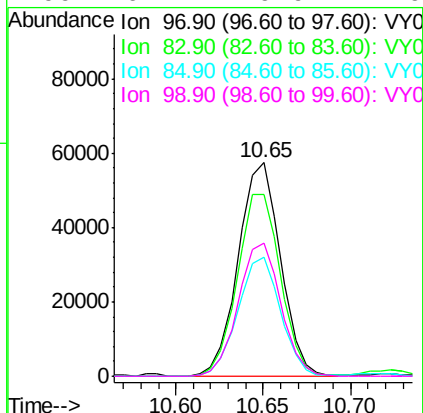
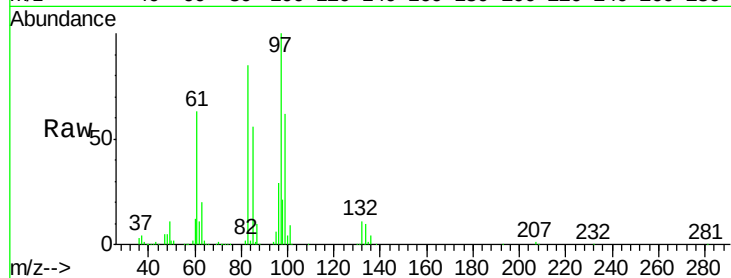




#55
 1,1,2-Trichloroethane
 Concen: 50.461 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

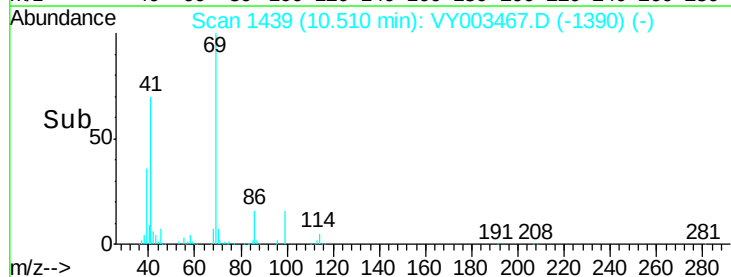
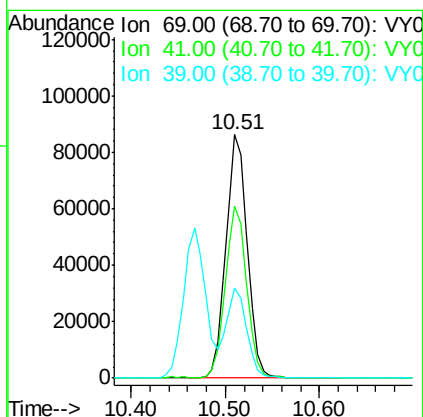
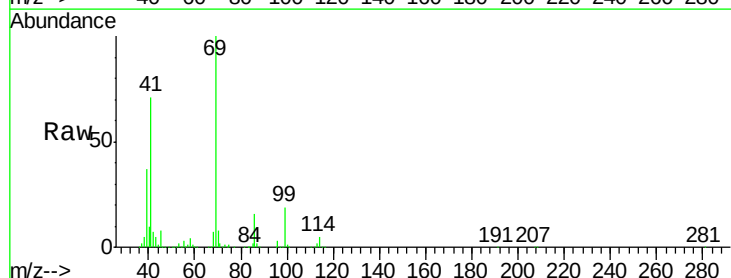
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

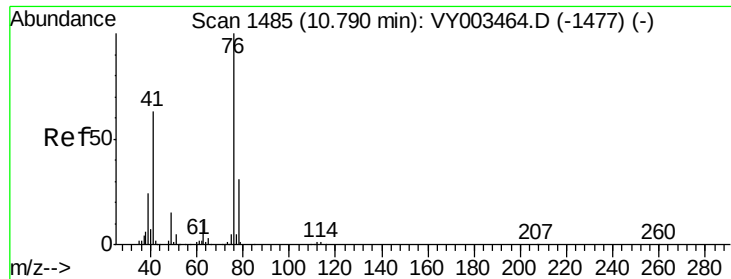
Tot Ion:	97	Resp:	96145
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.6	102.8
85	55.6	43.8	65.6
99	62.4	49.9	74.9



#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





#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 :

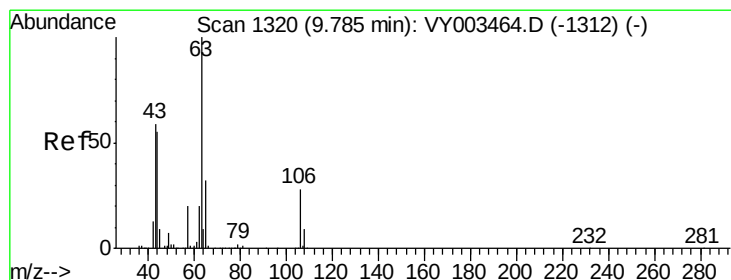
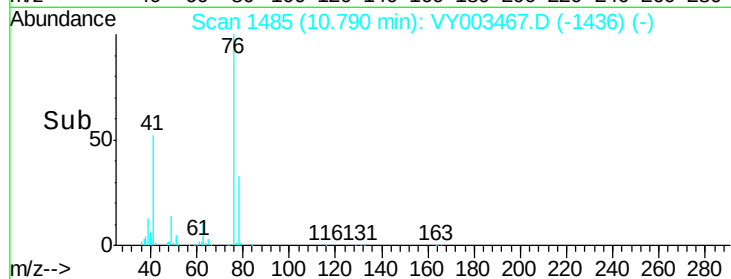
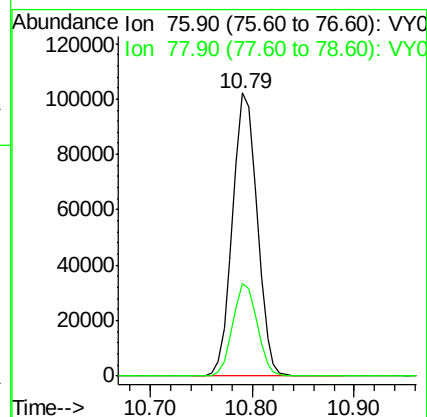
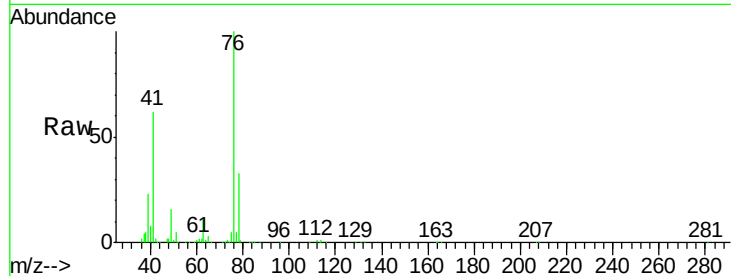
ICVVY110220

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

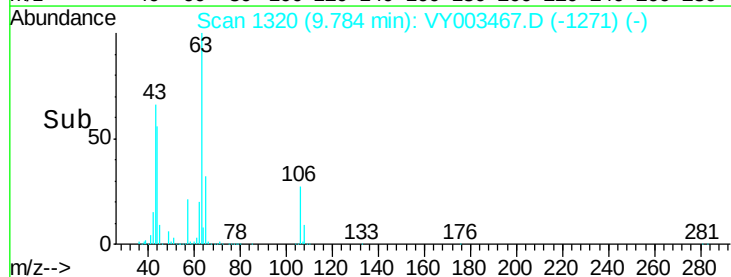
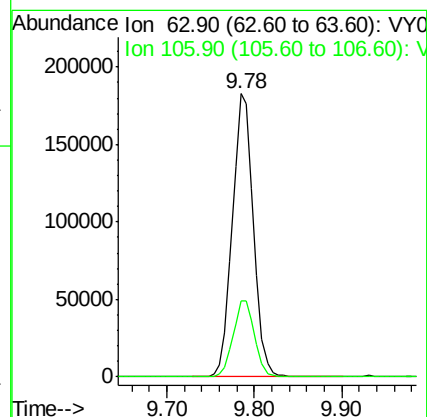
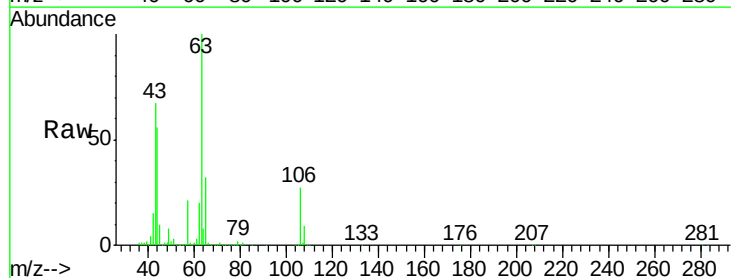
Acq: 02 Nov 2020 12:48

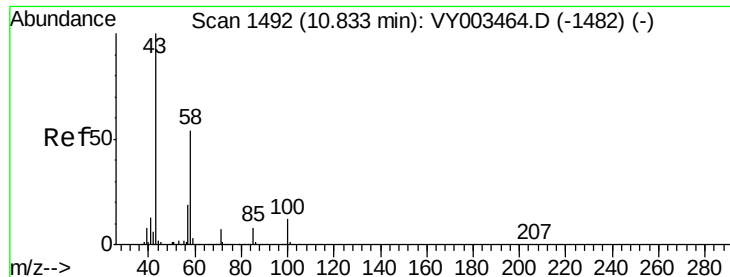
Tgt Ion: 63 Resp: 305894

Ion Ratio Lower Upper

63 100

106 27.4 22.3 33.5

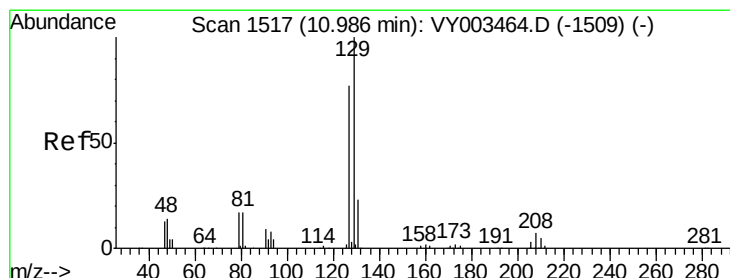
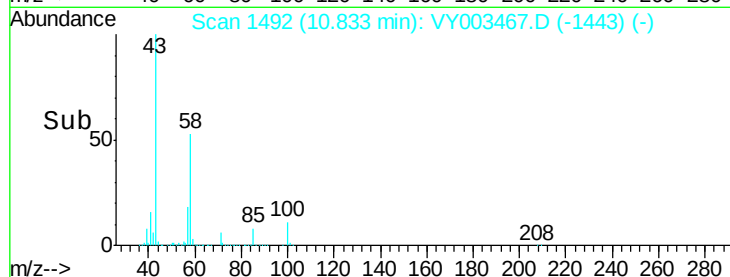
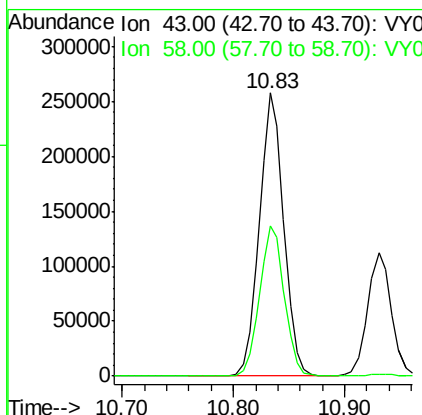
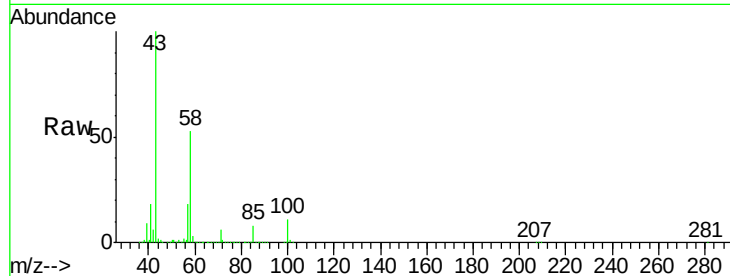




#59
2-Hexanone
Concen: 257.653 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

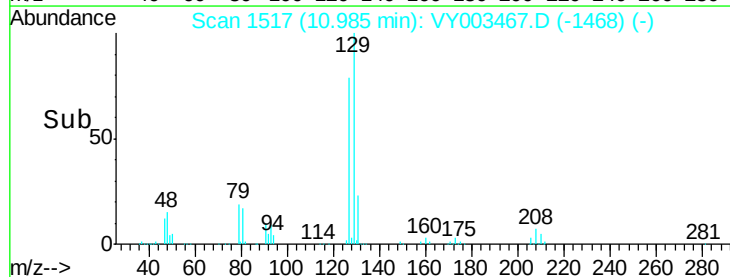
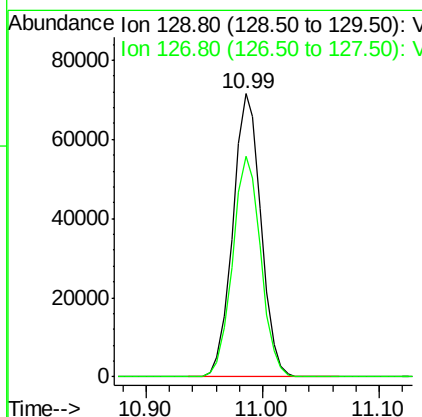
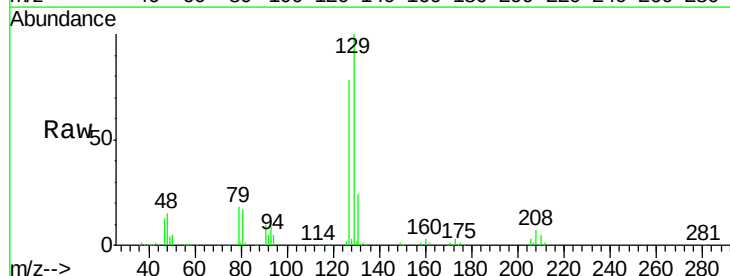
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110220

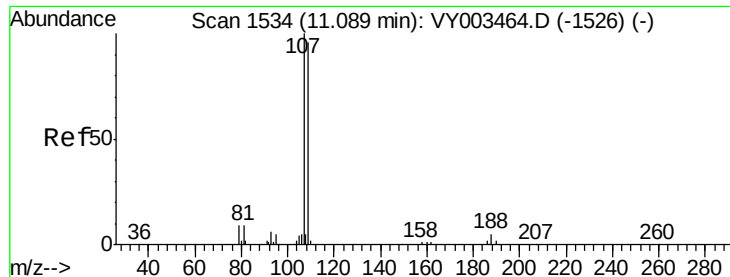
Tot Ion: 43 Resp: 393762
Ion Ratio Lower Upper
43 100
58 53.9 26.8 80.3



#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

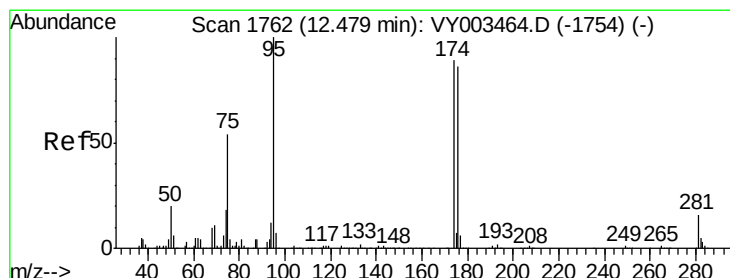
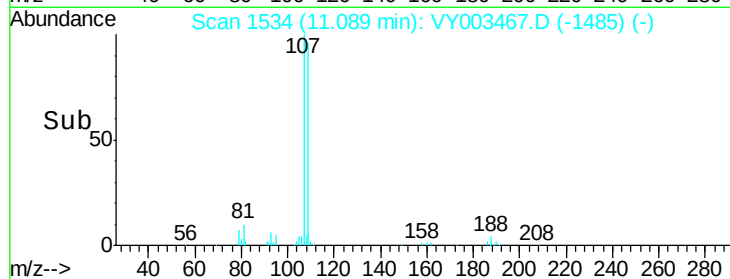
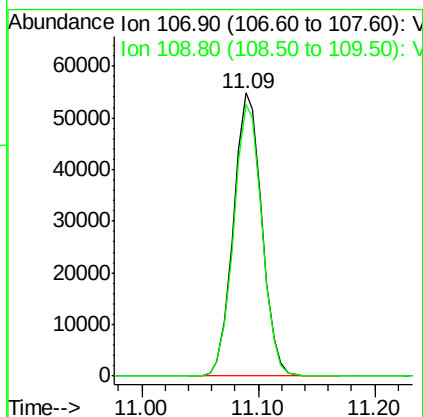
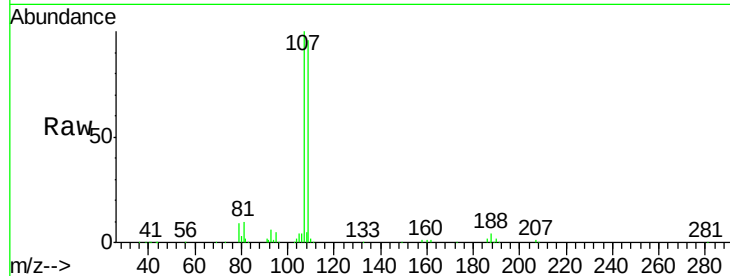




#61
 1,2-Dibromoethane
 Concen: 50.575 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

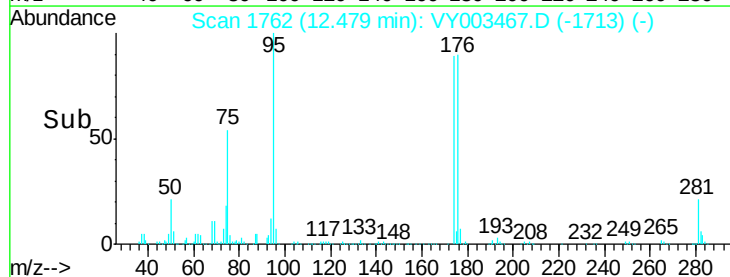
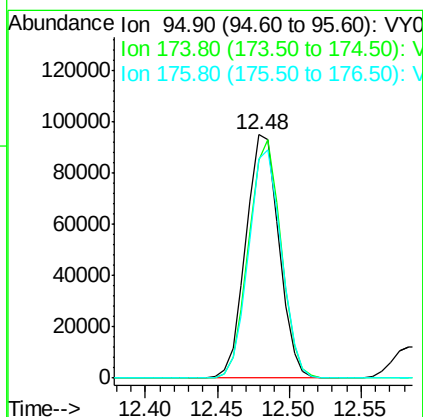
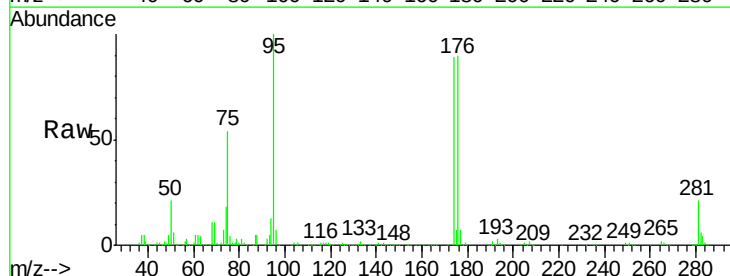
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

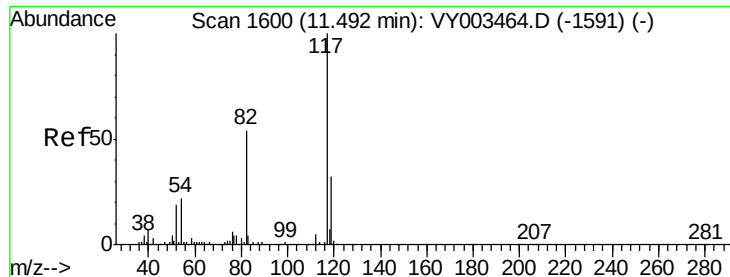
Tot Ion: 107 Resp: 93031
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.5 114.7



#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

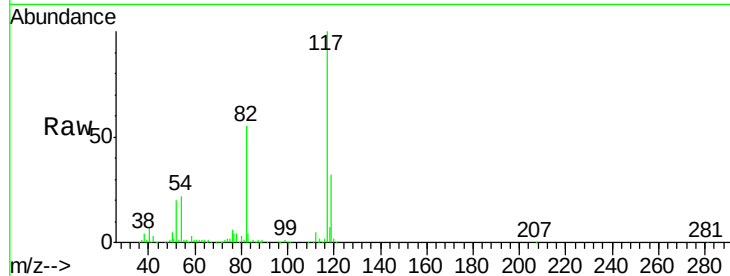




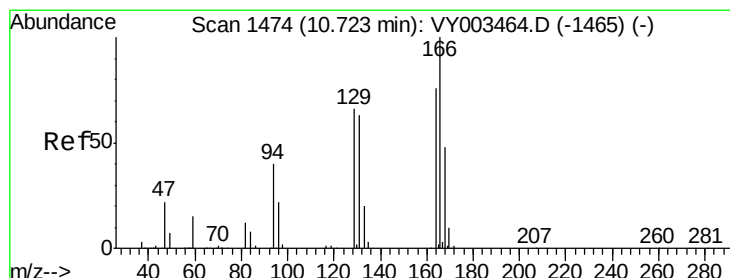
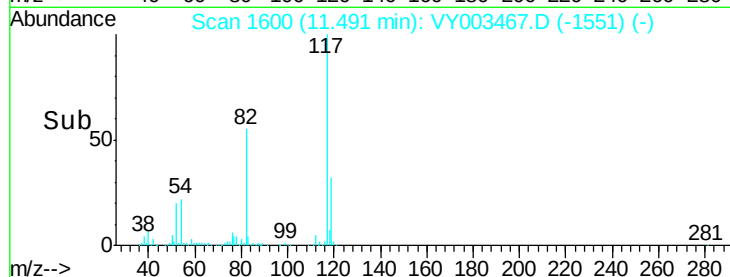
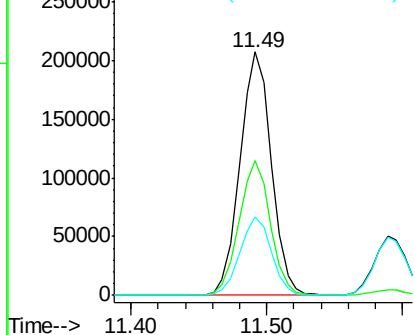
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110220

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

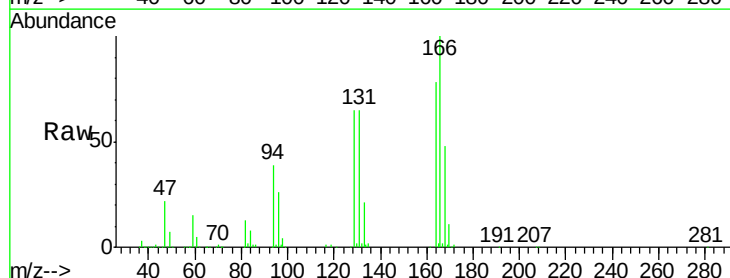


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

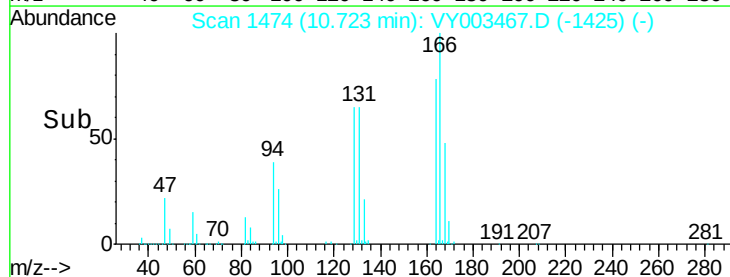
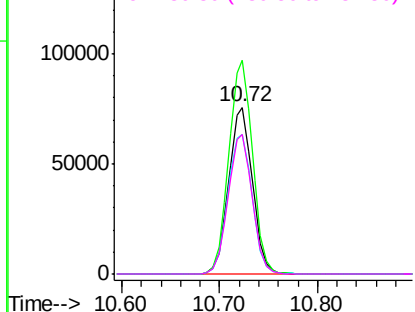


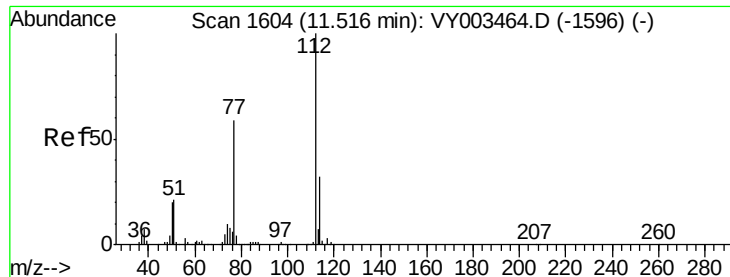
#64
Tetrachloroethene
Concen: 50.983 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

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



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

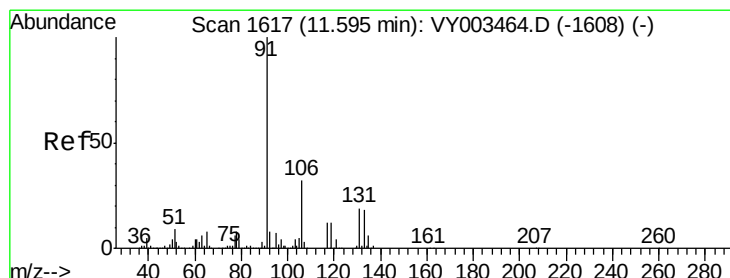
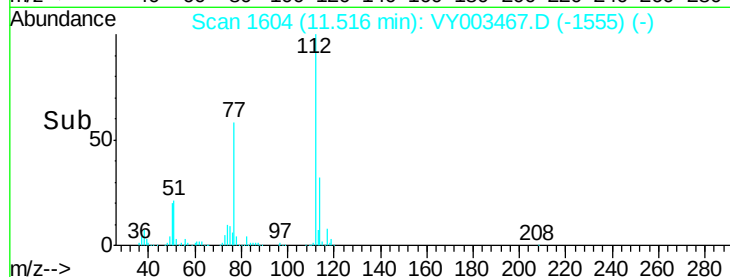
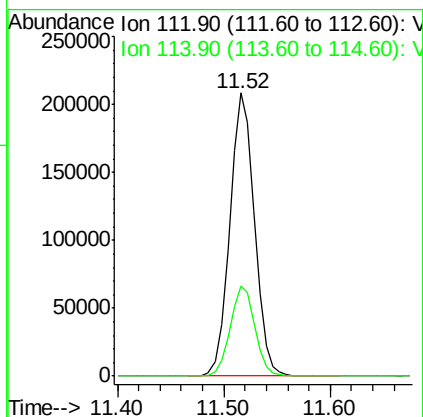
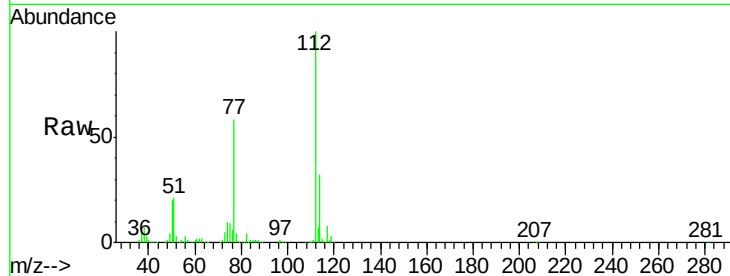




#65
Chlorobenzene
Concen: 51.898 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

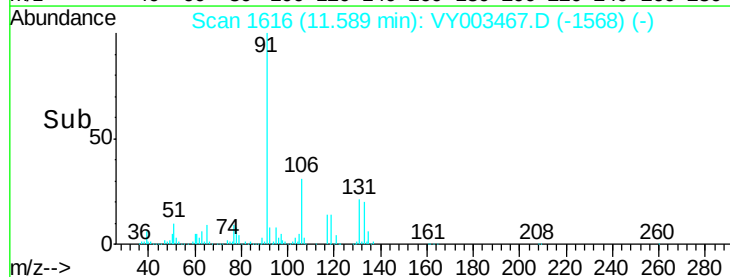
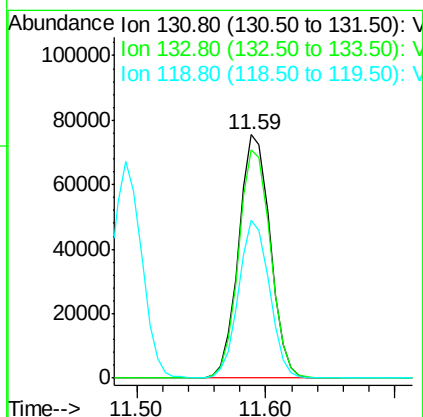
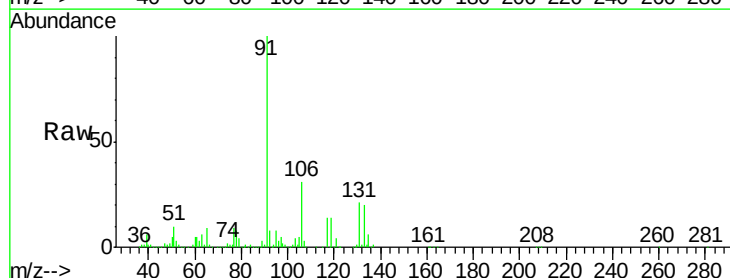
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110220

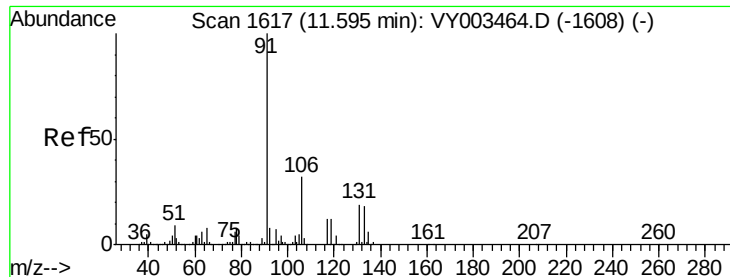
Tot Ion:112 Resp: 337128
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#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

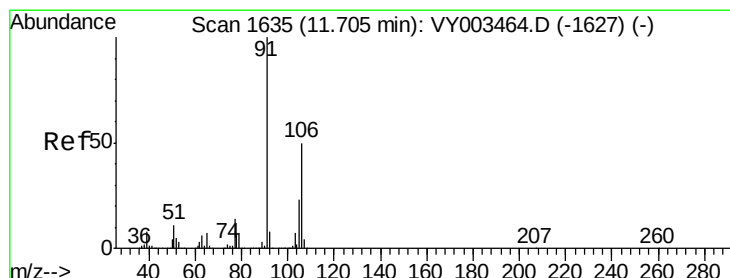
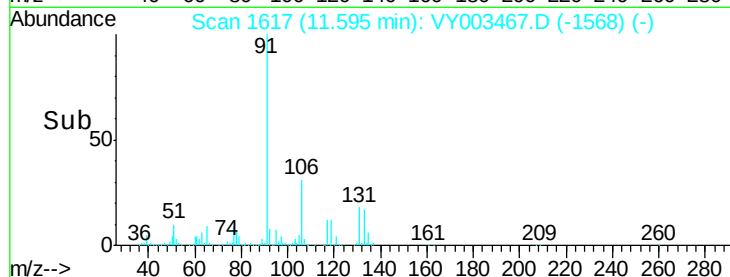
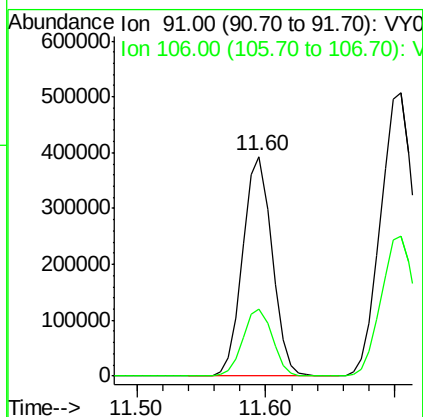
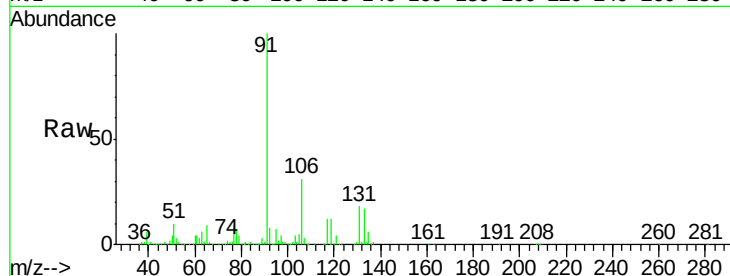




#67
Ethyl Benzene
Concen: 52.631 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

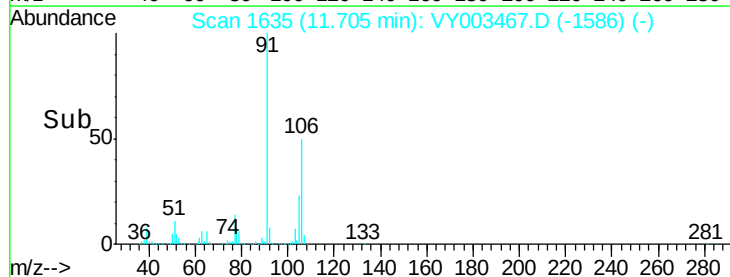
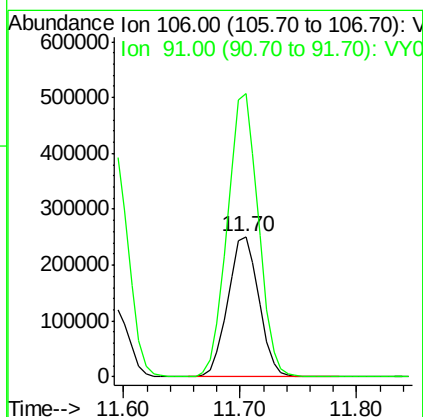
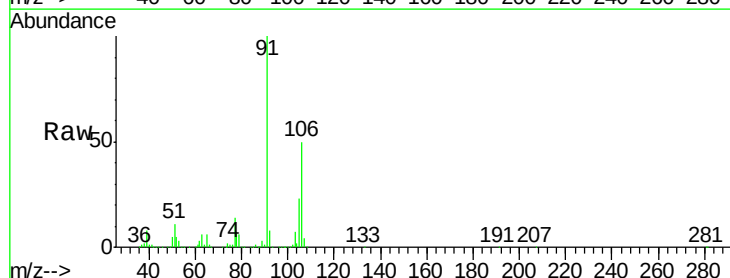
Instrument :
MSVOA_Y
ClientSampleId :
ICVY110220

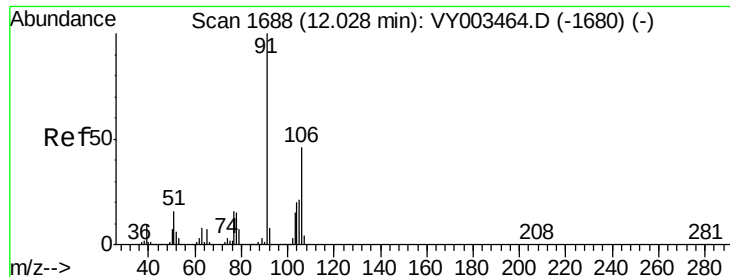
Tot Ion: 91 Resp: 619943
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0



#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

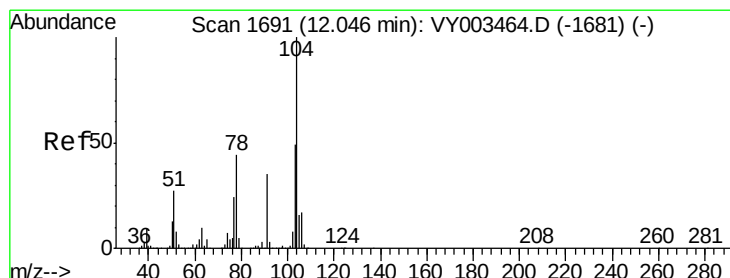
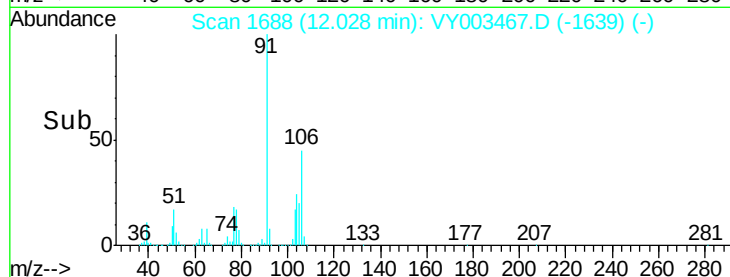
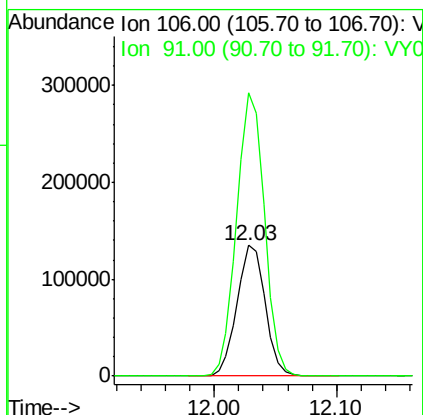
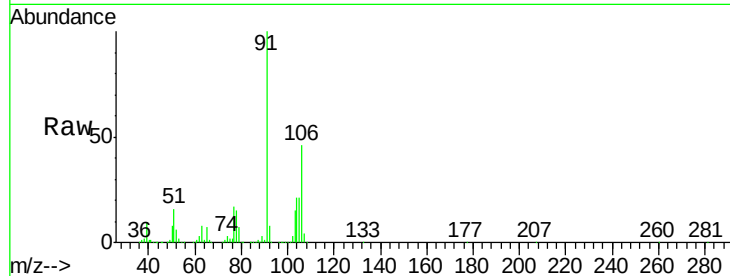




#69
o-Xylene
Concen: 52.261 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003467.D
Acq: 02 Nov 2020 12:48

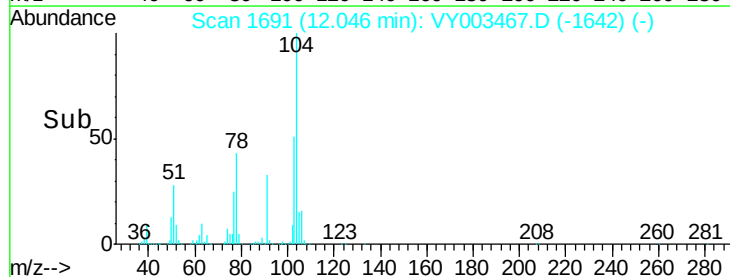
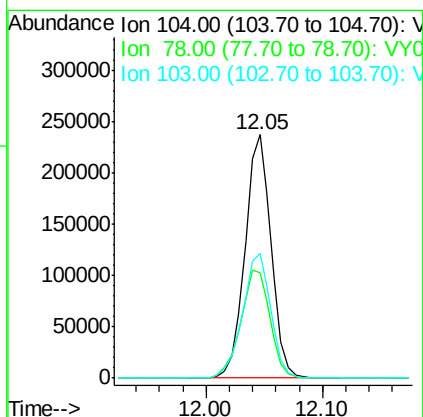
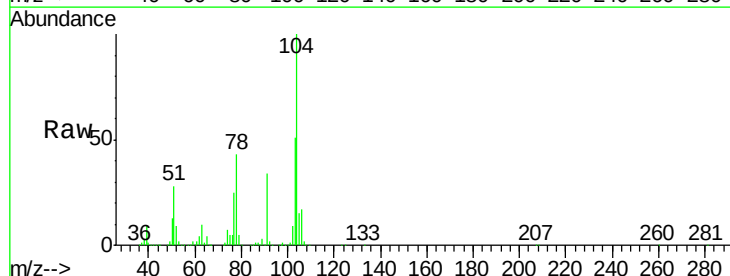
Instrument :
MSVOA_Y
ClientSampleId :
ICVY110220

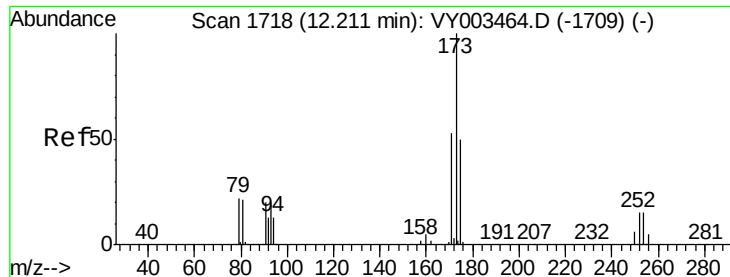
Tot Ion:106 Resp: 214590
Ion Ratio Lower Upper
106 100
91 215.1 105.5 316.5



#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 :

ICVY110220

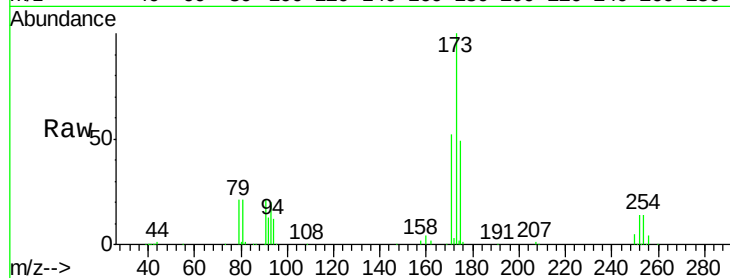
Tot Ion:173 Resp: 82745

Ion Ratio Lower Upper

173 100

175 48.3 24.7 74.1

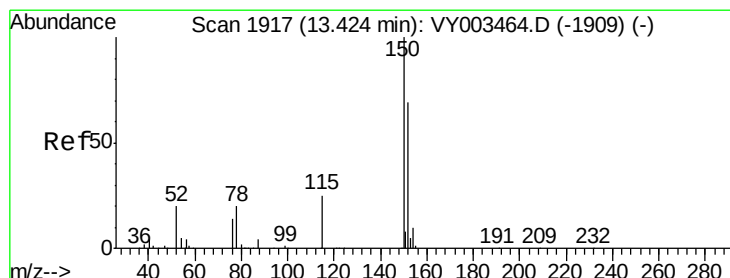
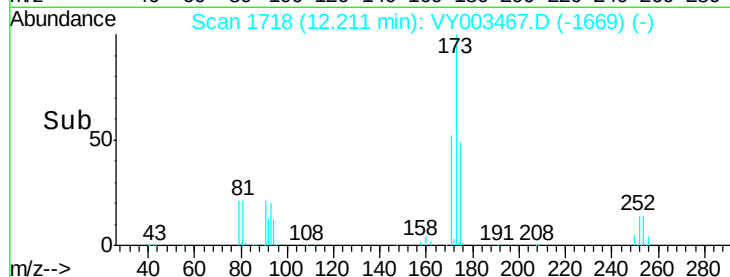
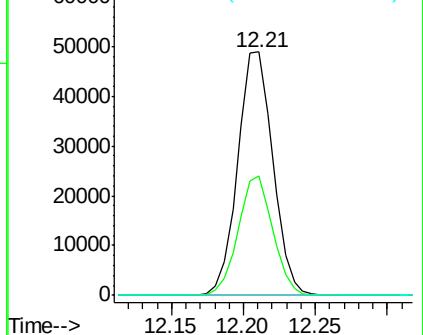
254 0.2 0.2 0.2



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

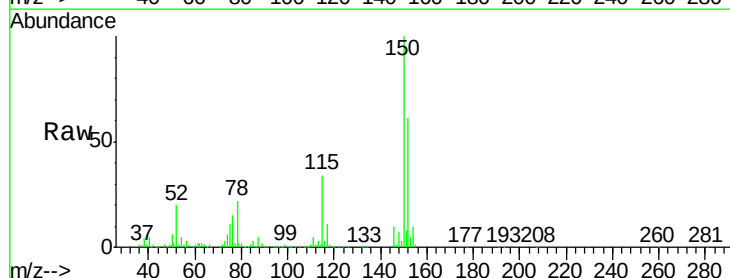
Tgt Ion:152 Resp: 171334

Ion Ratio Lower Upper

152 100

115 54.3 27.5 82.4

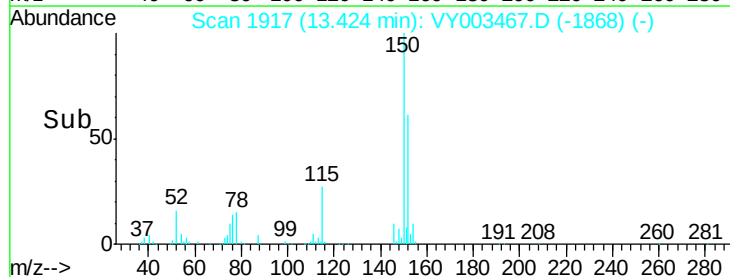
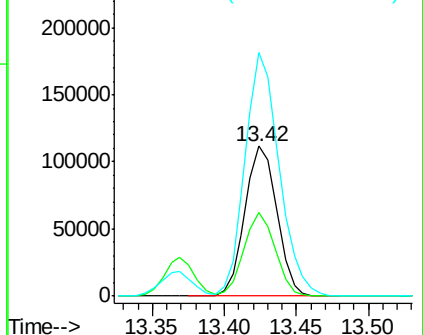
150 173.3 0.0 345.8

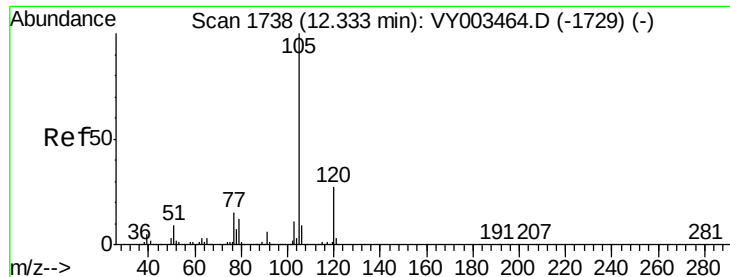


Abundance Ion 151.90 (151.60 to 152.60): V

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 :

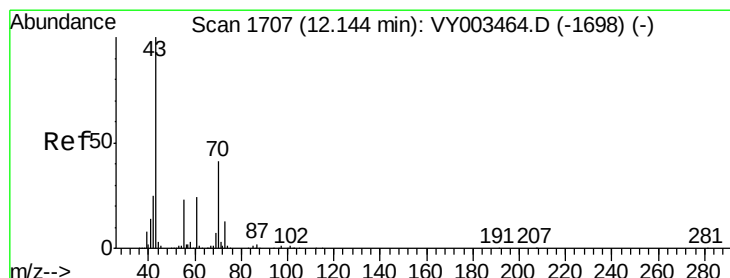
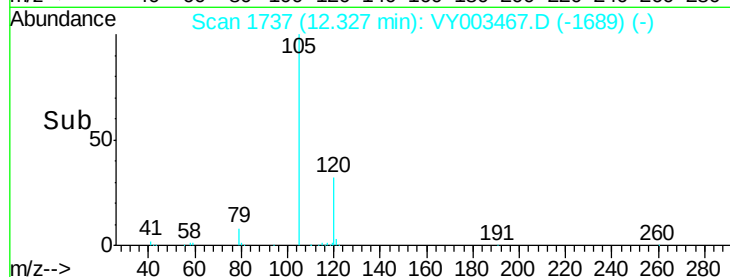
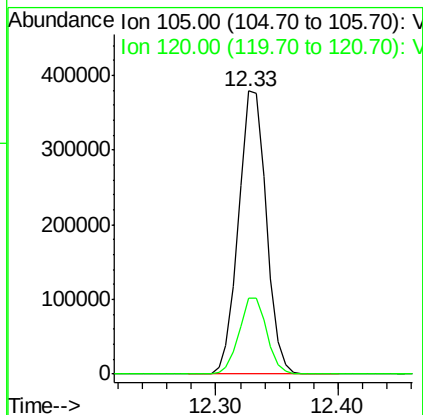
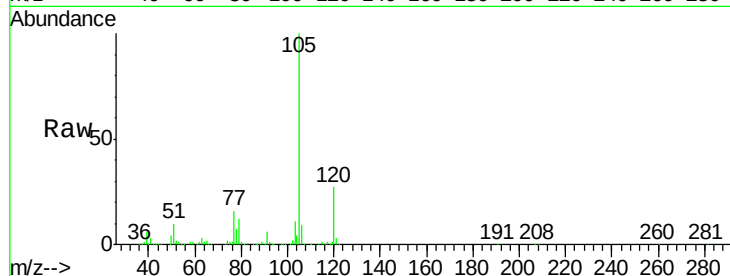
ICVY110220

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

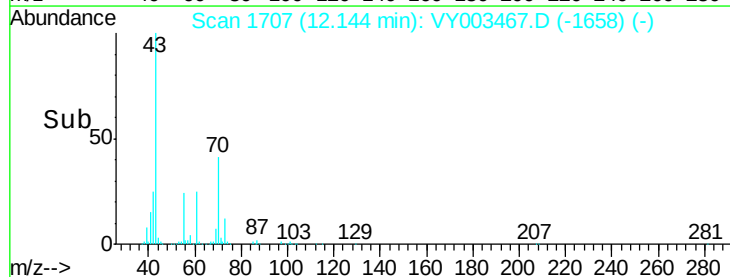
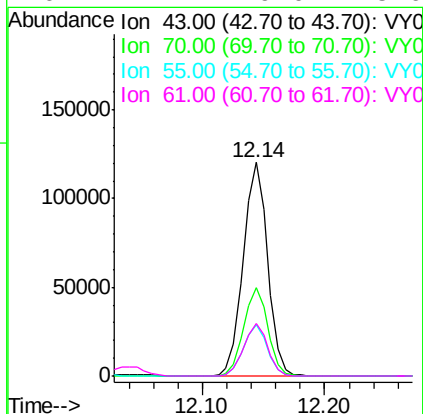
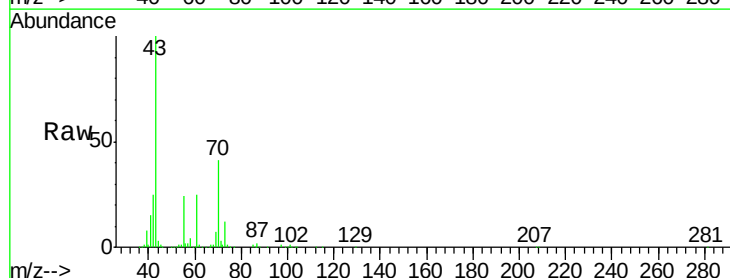
Ion Ratio Lower Upper

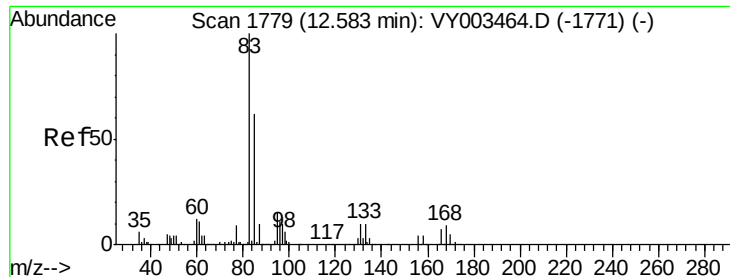
43 100

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

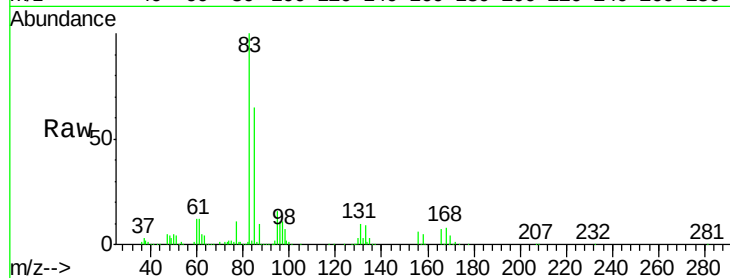
Tot Ion: 83 Resp: 122037

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

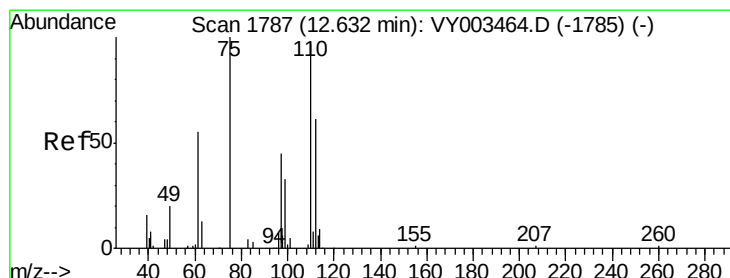
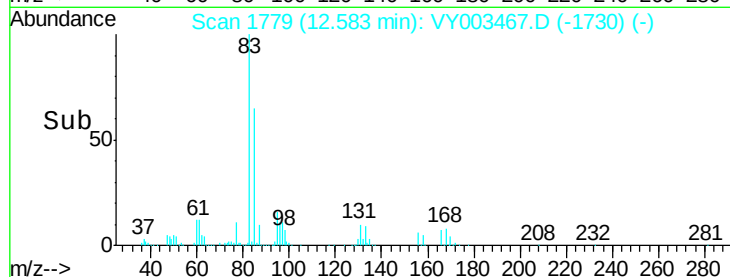
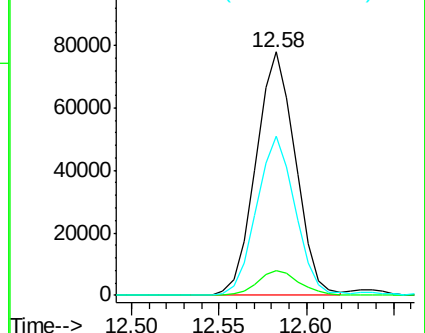
85 64.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY003467.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003467.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003467.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 49.670 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003467.D

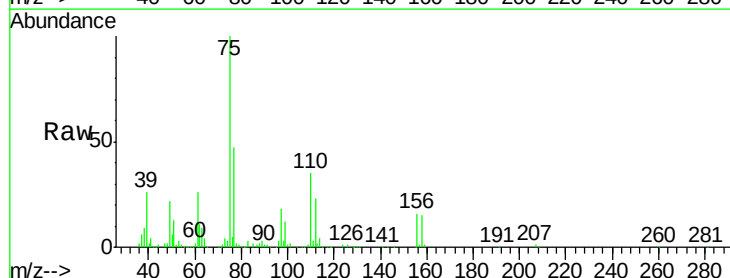
Acq: 02 Nov 2020 12:48

Tgt Ion: 75 Resp: 90044

Ion Ratio Lower Upper

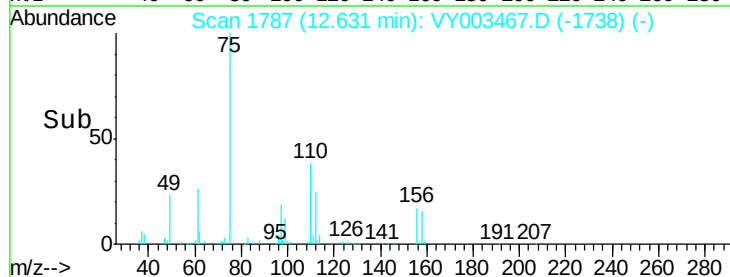
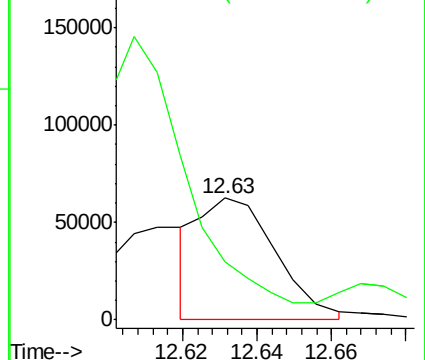
75 100

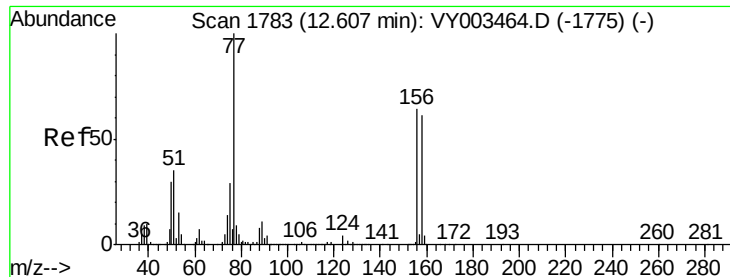
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003467.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003467.D (-1738) (-)





#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 :

ICVVY110220

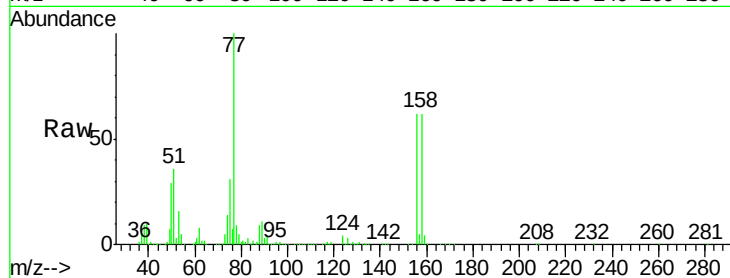
Tot Ion:156 Resp: 147734

Ion Ratio Lower Upper

156 100

77 177.1 87.0 260.9

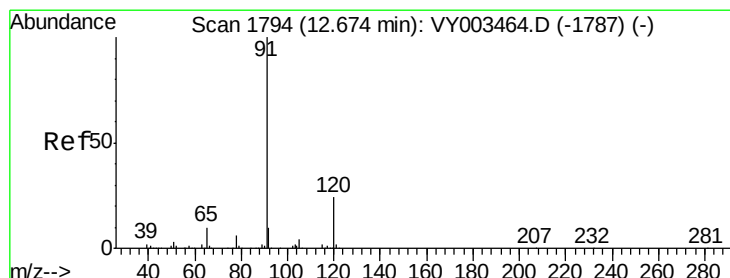
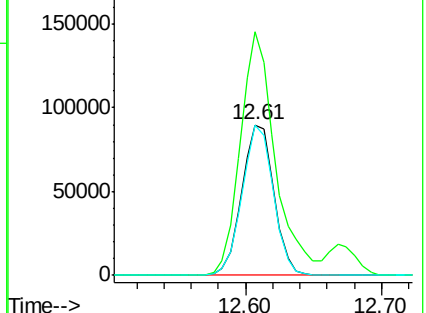
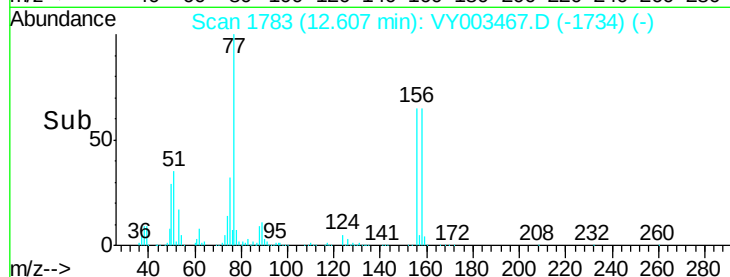
158 97.1 48.7 146.1



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

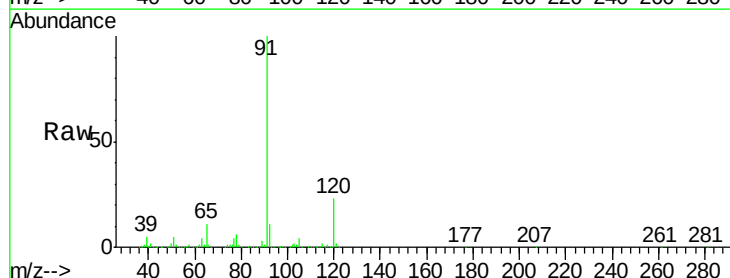
Acq: 02 Nov 2020 12:48

Tgt Ion: 91 Resp: 698608

Ion Ratio Lower Upper

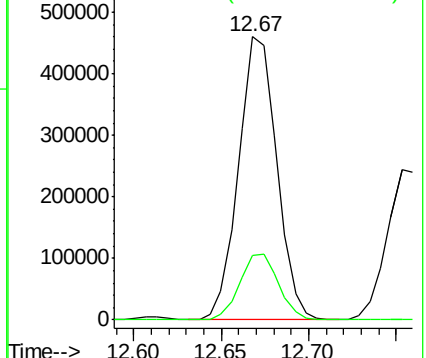
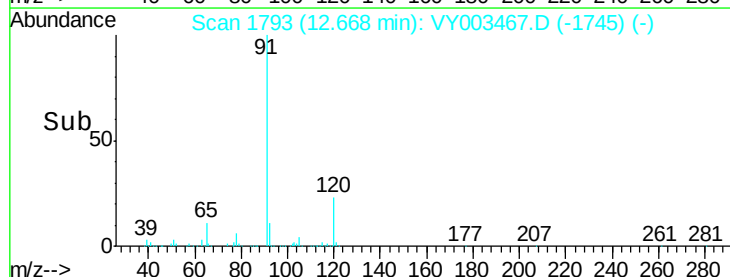
91 100

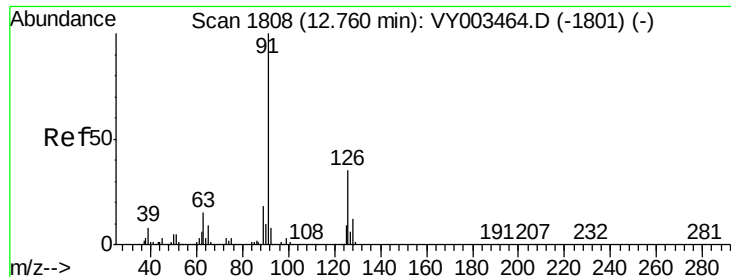
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

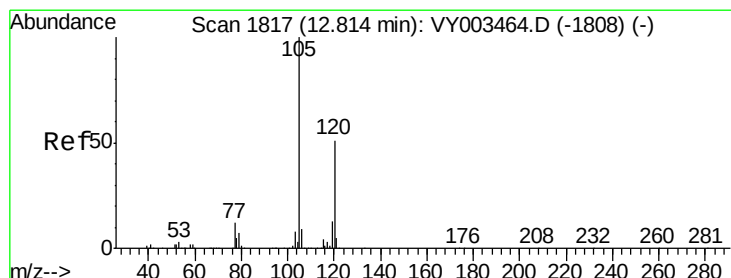
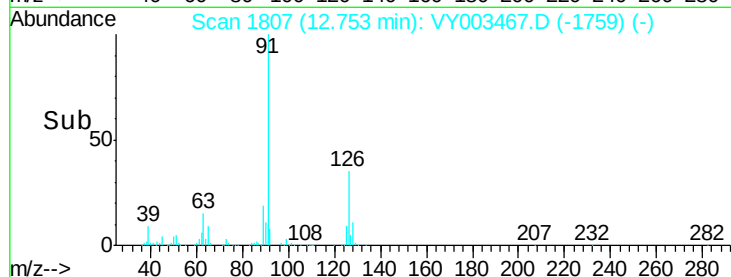
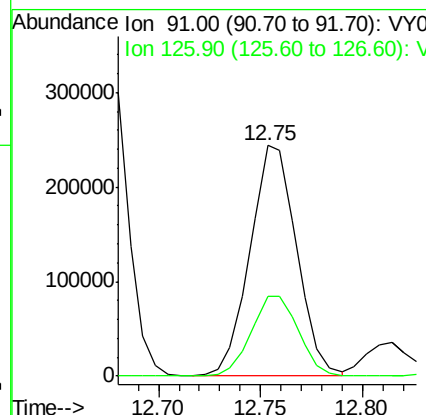
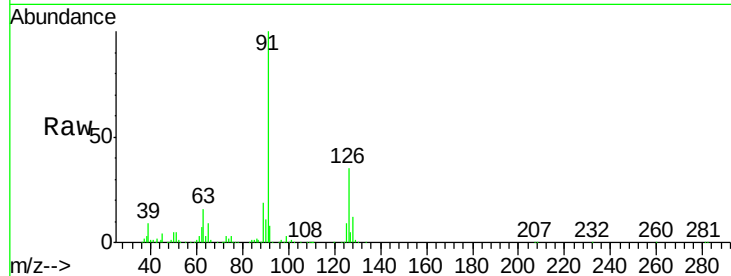




#79
 2-Chlorotoluene
 Concen: 52.543 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

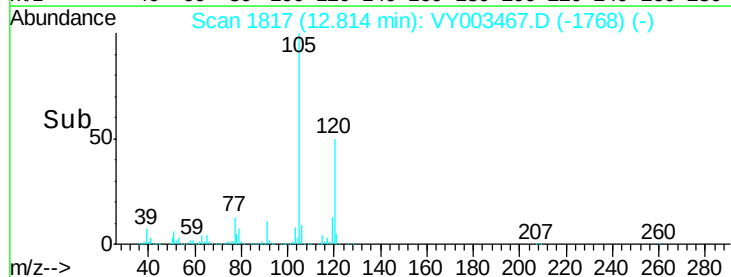
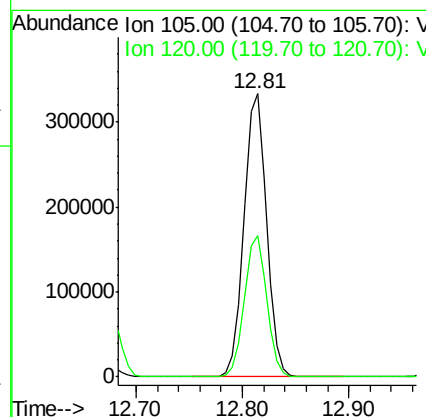
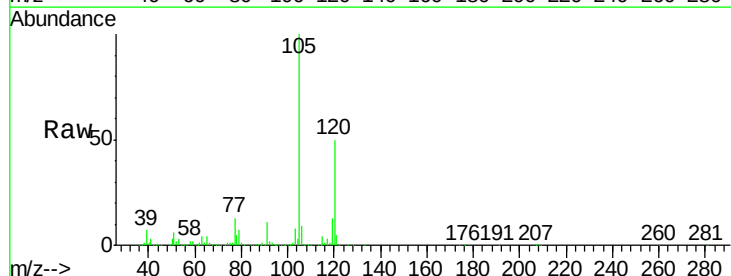
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

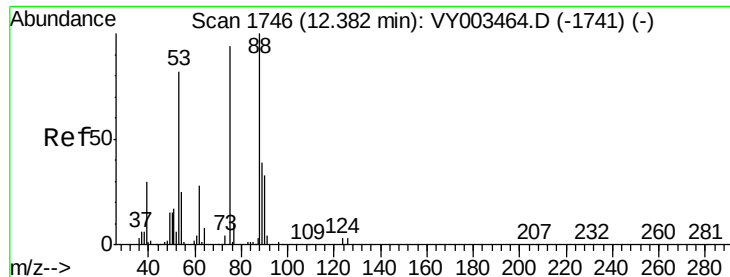
Tot Ion: 91 Resp: 387000
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.8 53.3



#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 :

ICVY110220

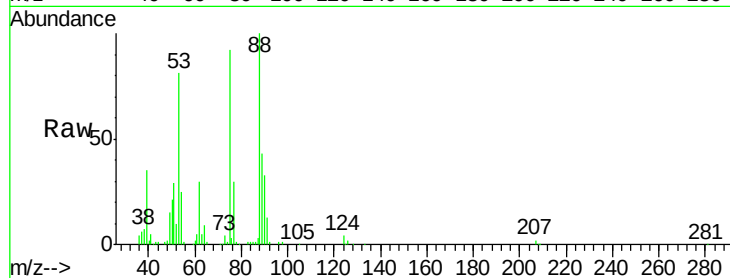
Tot Ion: 75 Resp: 44537

Ion Ratio Lower Upper

75 100

53 92.1 74.7 112.1

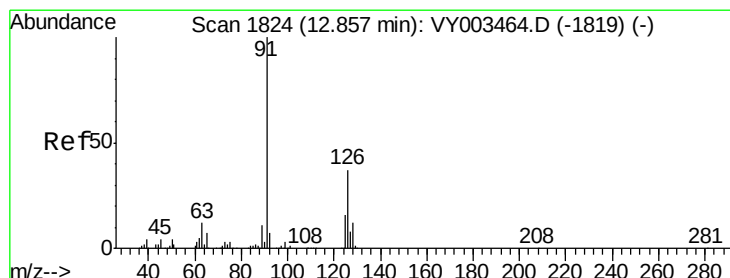
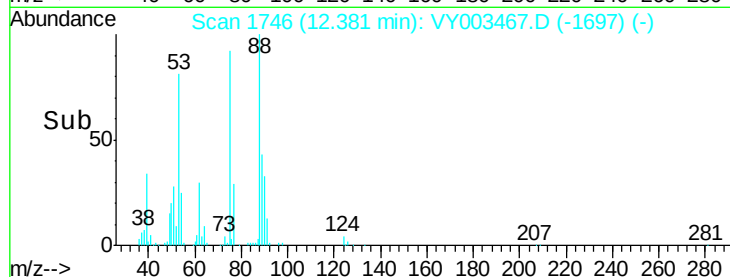
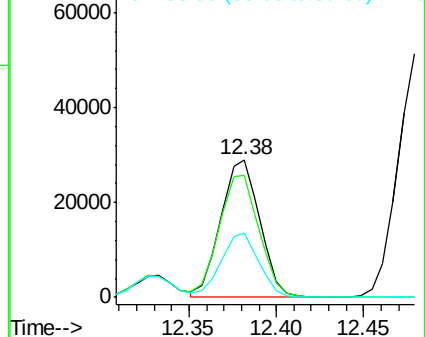
89 45.6 35.8 53.8



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

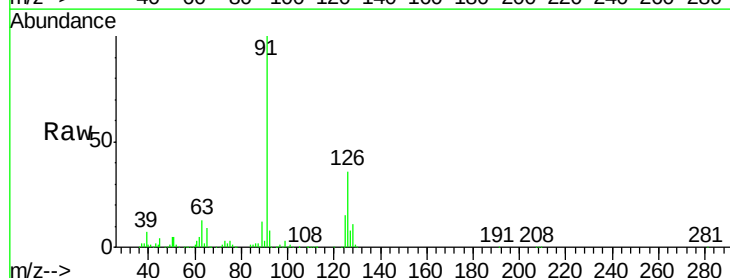
Acq: 02 Nov 2020 12:48

Tgt Ion: 91 Resp: 408163

Ion Ratio Lower Upper

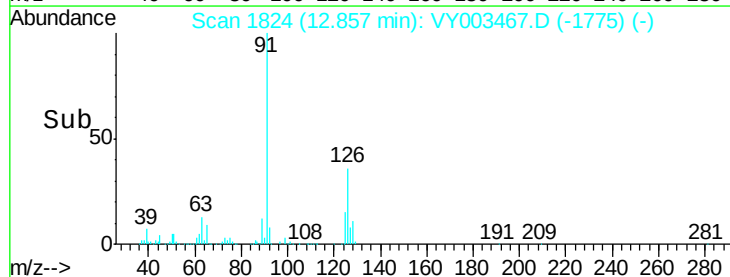
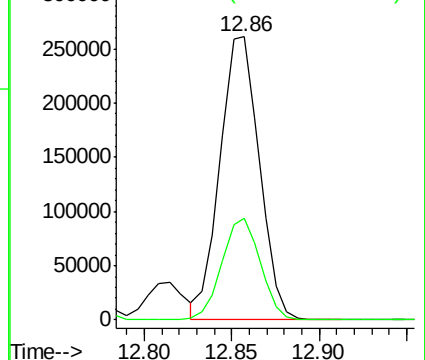
91 100

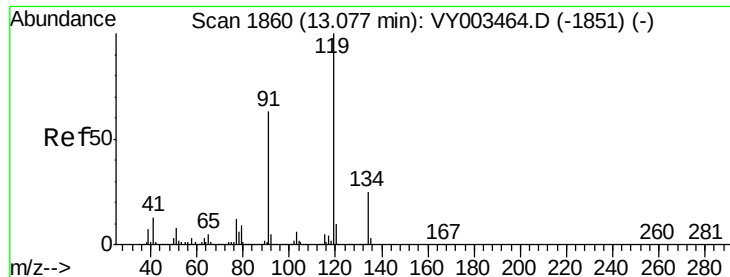
126 35.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

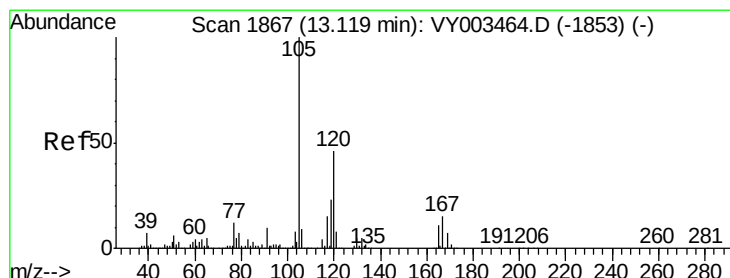
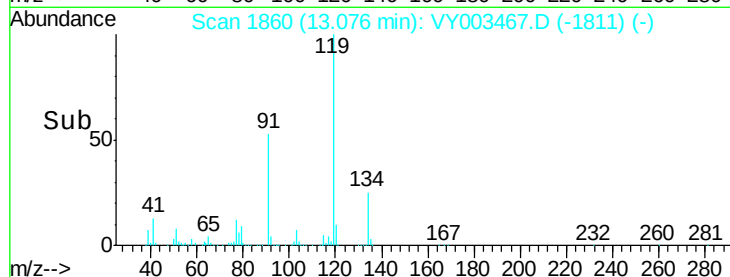
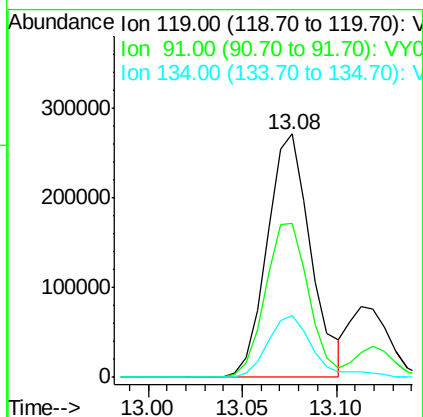
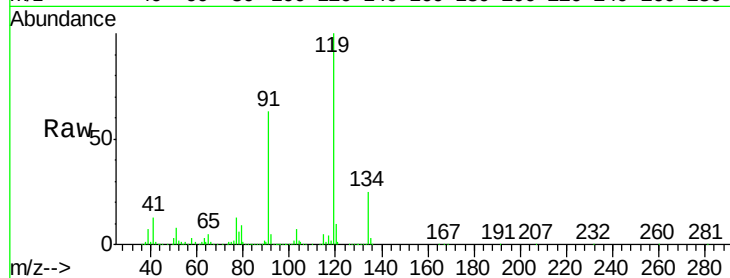




#83
 tert-Butylbenzene
 Concen: 52.885 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

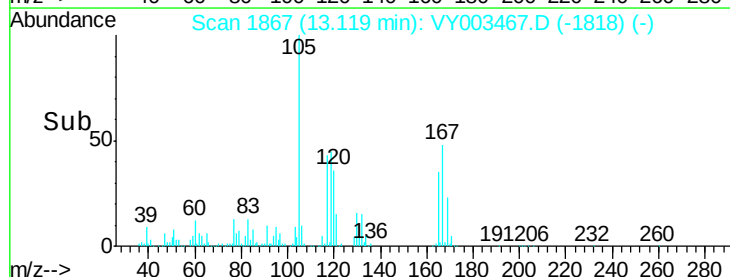
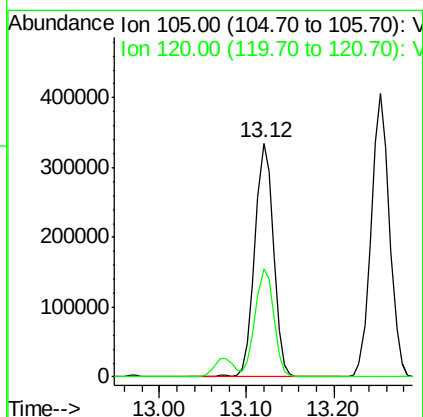
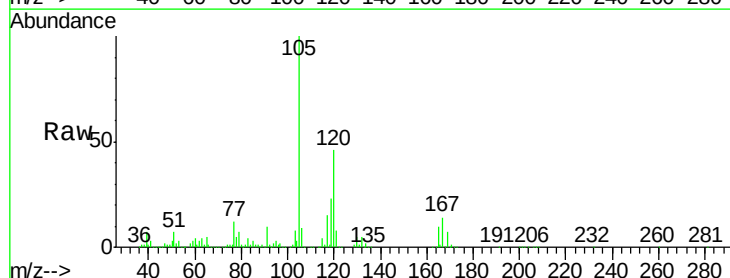
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

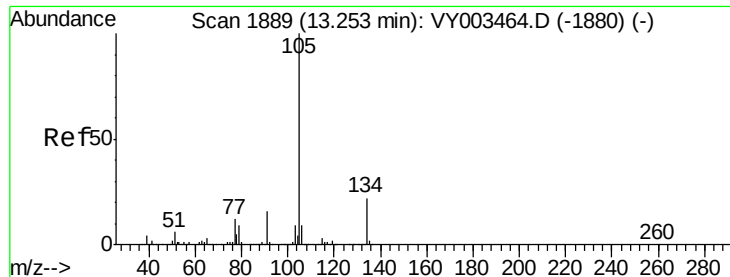
Tot Ion:119 Resp: 434942
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.1 93.2
 134 26.8 13.4 40.1



#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





#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 :

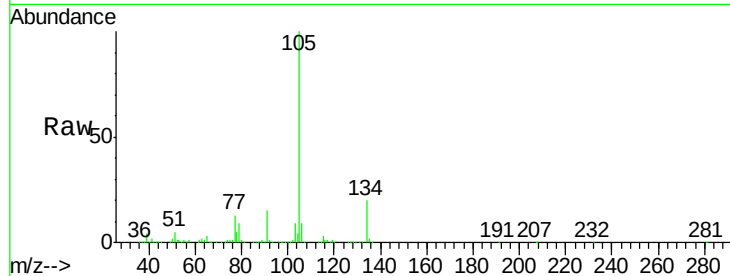
ICVY110220

Tot Ion:105 Resp: 596576

Ion Ratio Lower Upper

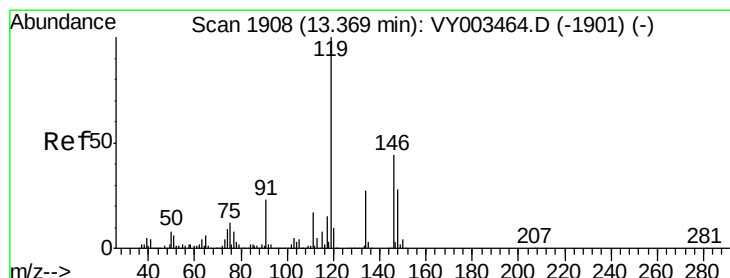
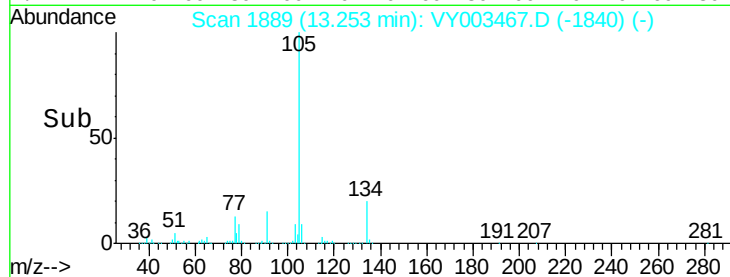
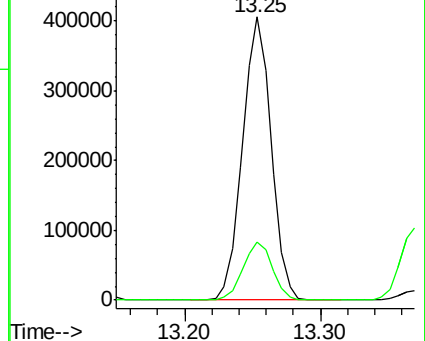
105 100

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

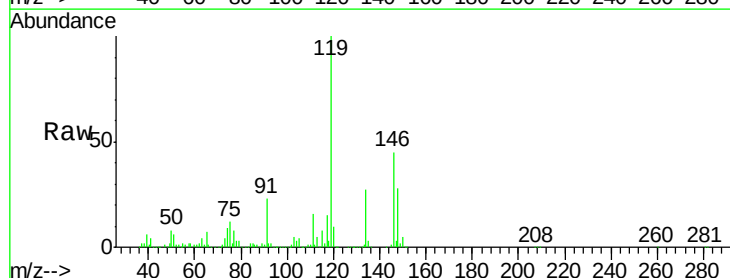
Tgt Ion:119 Resp: 548247

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

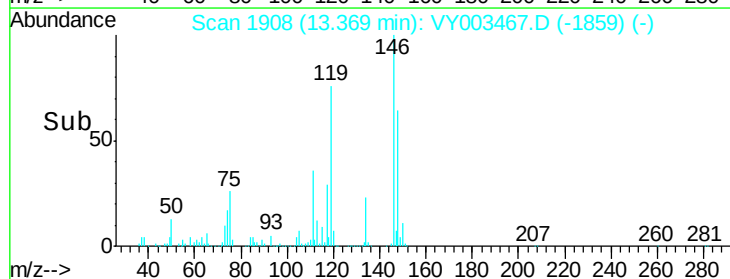
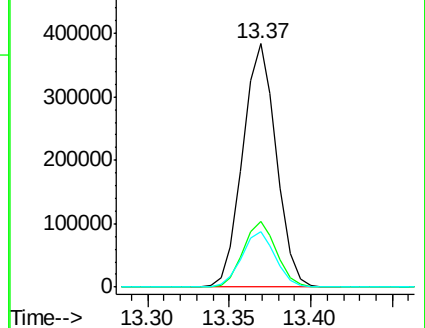
91 22.9 11.4 34.2

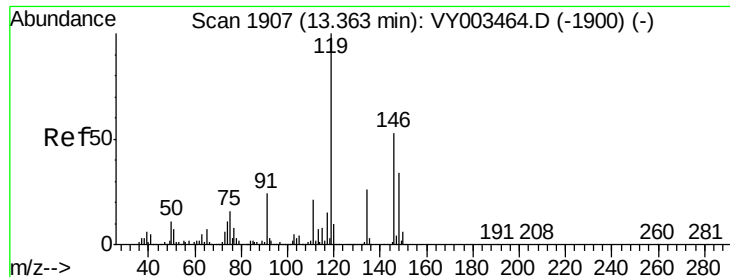


Abundance Ion 119.00 (118.70 to 119.70): V

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 :

ICVY110220

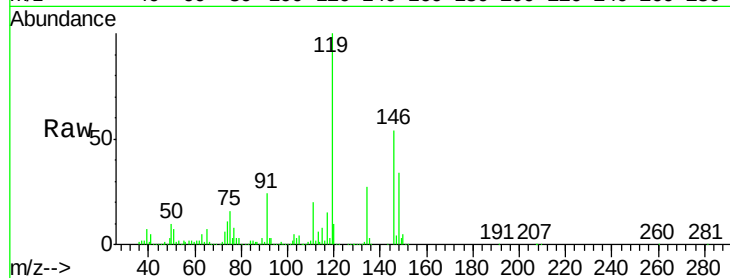
Tot Ion:146 Resp: 275428

Ion Ratio Lower Upper

146 100

111 37.3 19.1 57.1

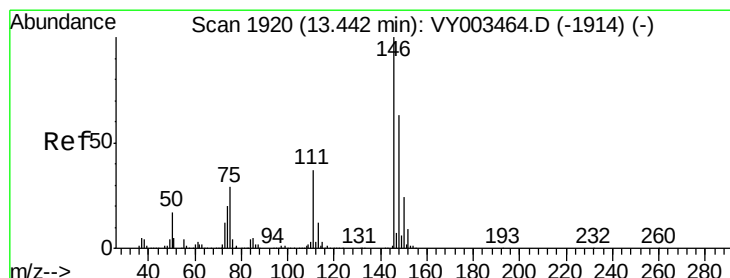
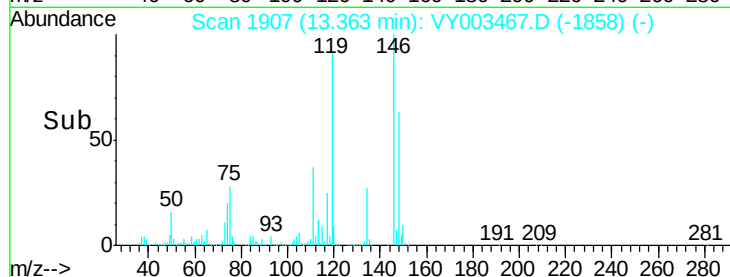
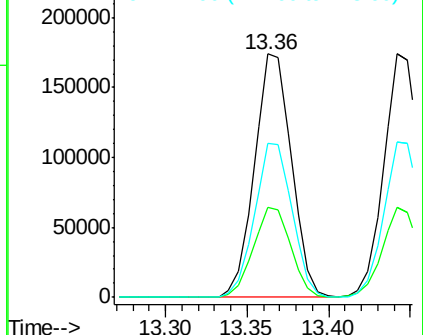
148 63.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#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

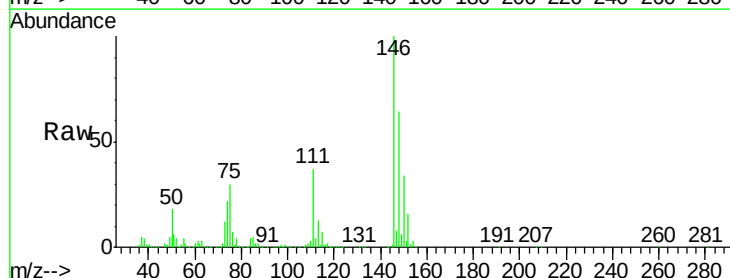
Tgt Ion:146 Resp: 269867

Ion Ratio Lower Upper

146 100

111 36.9 18.3 54.8

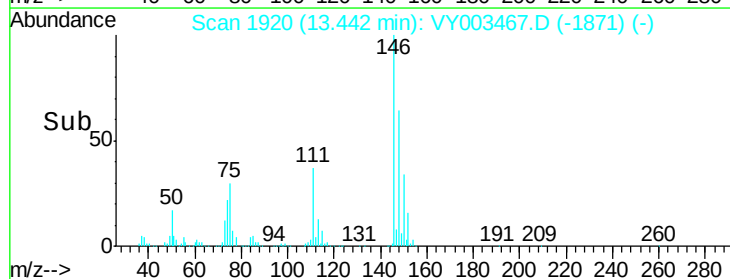
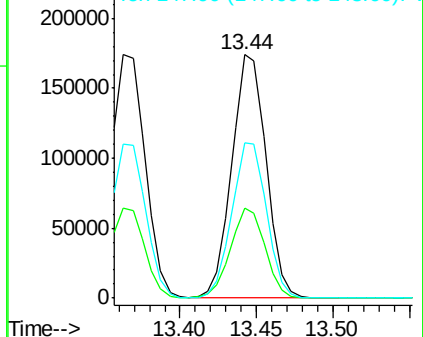
148 64.6 32.0 96.0

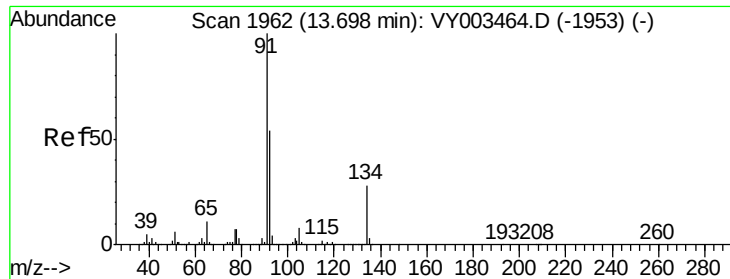


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#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

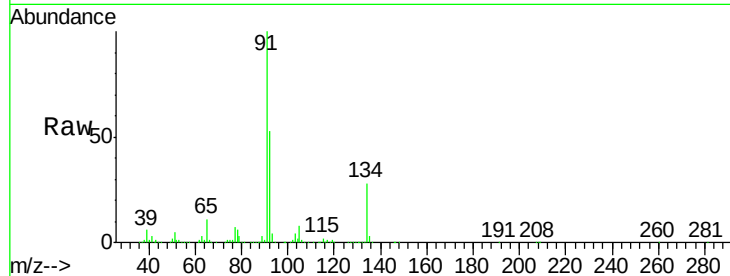
Tot Ion: 91 Resp: 509120

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

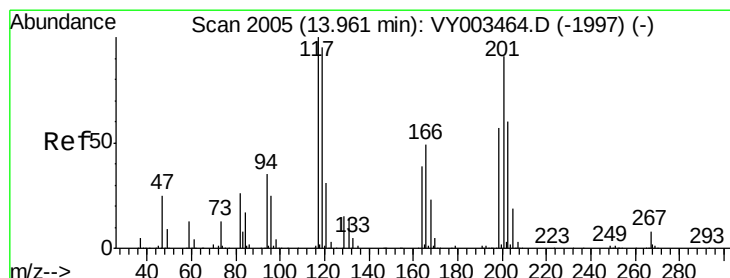
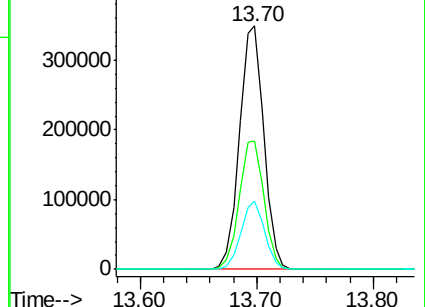
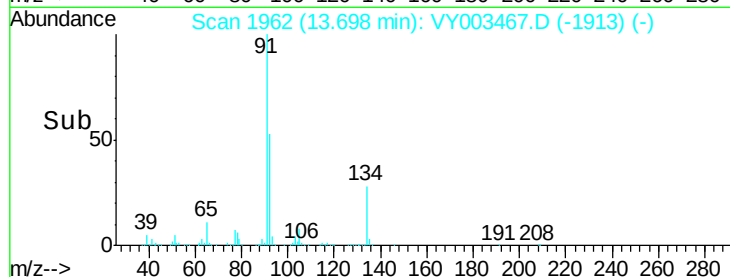
134 27.3 13.8 41.3



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

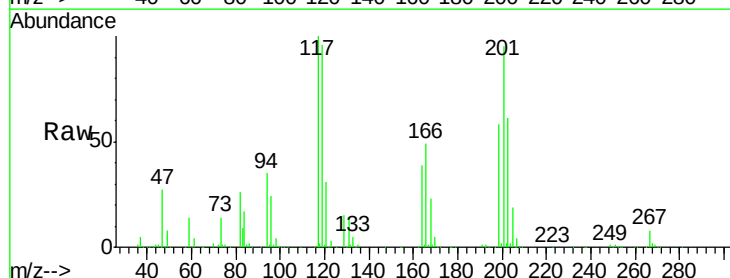
Acq: 02 Nov 2020 12:48

Tgt Ion: 117 Resp: 91288

Ion Ratio Lower Upper

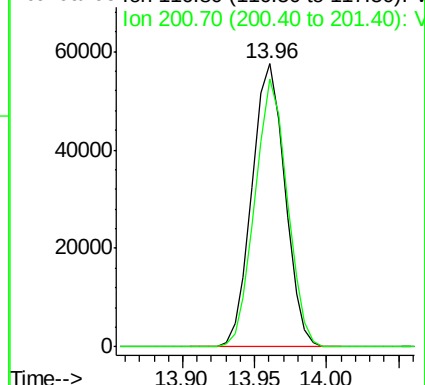
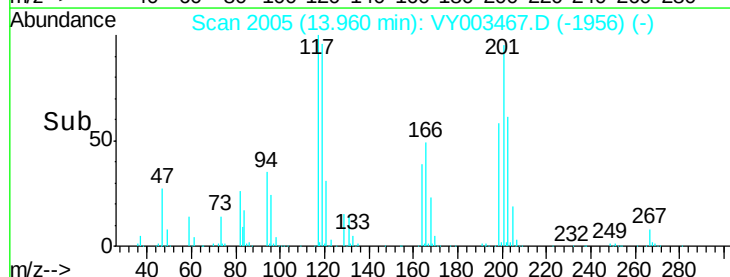
117 100

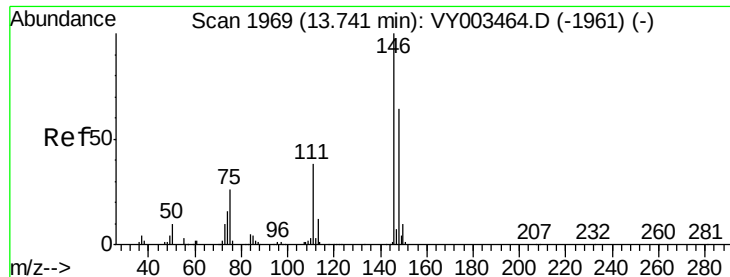
201 92.6 46.6 139.8



Abundance Ion 116.80 (116.50 to 117.50): VY003467.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY003467.D (-1997) (-)

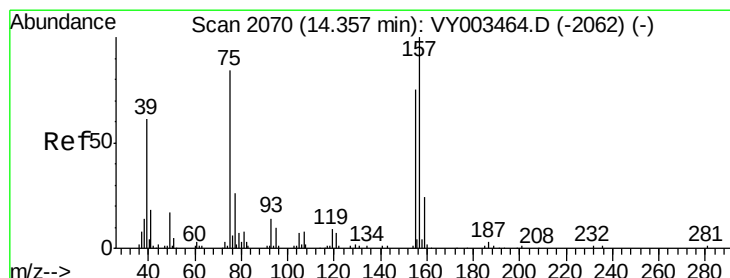
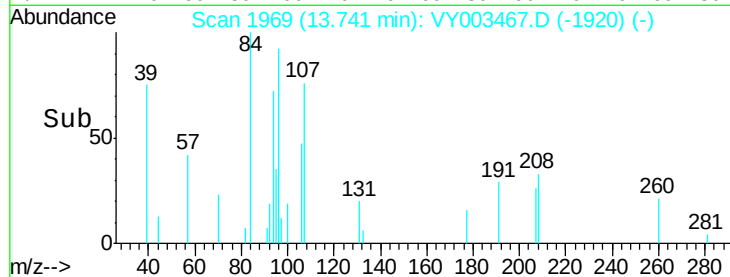
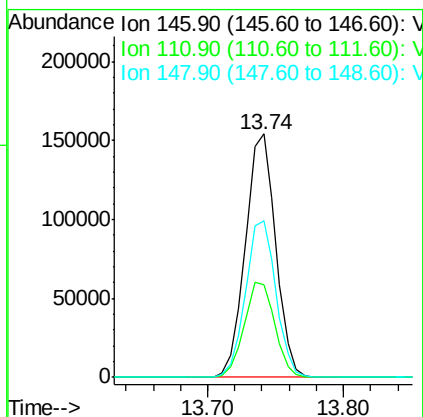
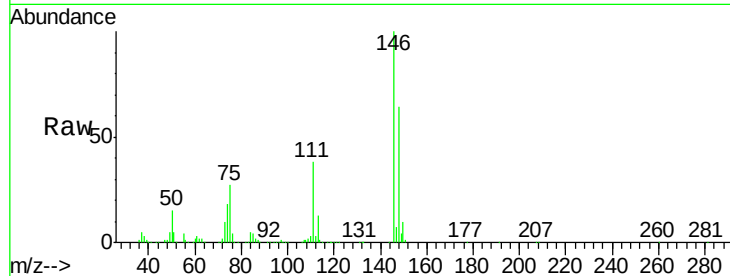




#91
 1,2-Dichlorobenzene
 Concen: 51.216 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

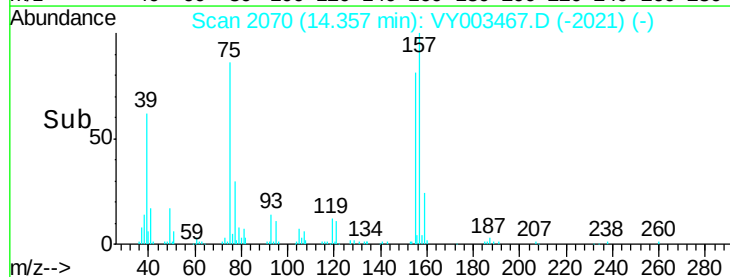
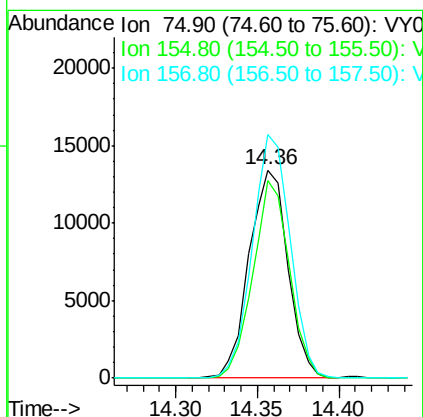
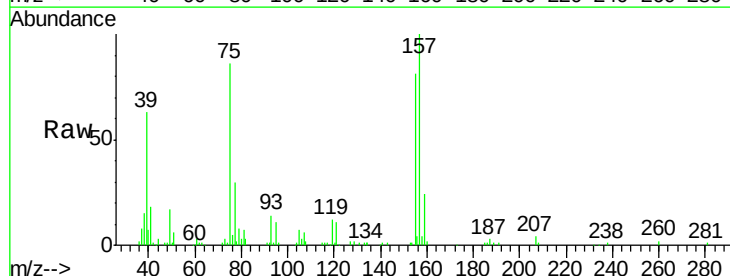
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110220

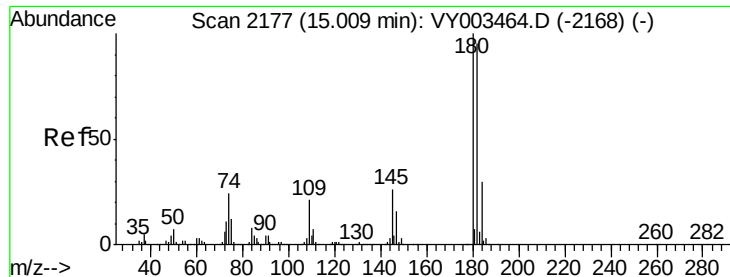
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.3	57.8
148	64.6	32.3	96.8



#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

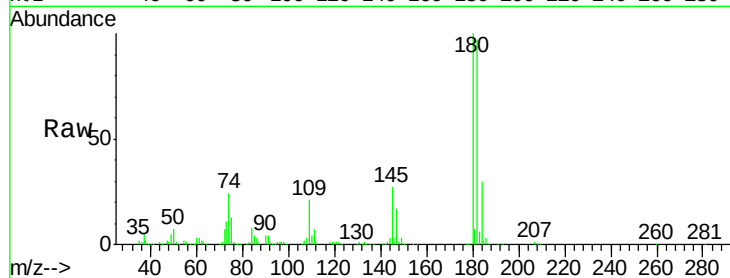




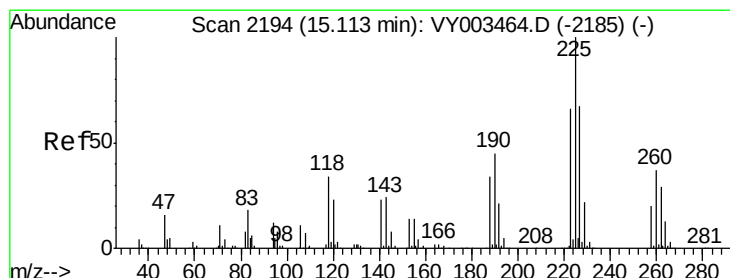
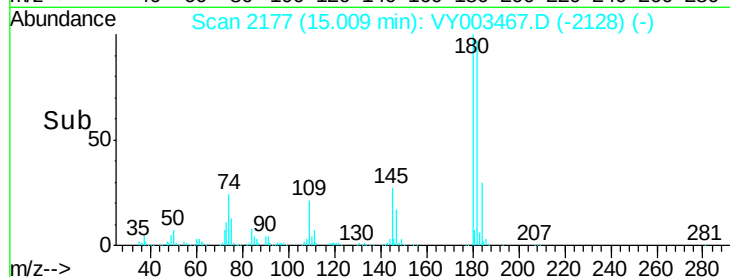
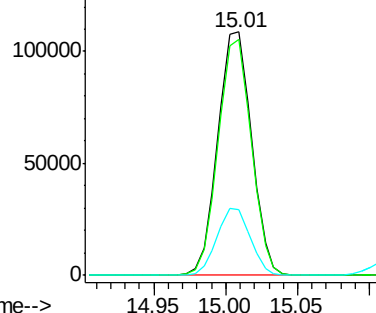
#93
 1,2,4-Trichlorobenzene
 Concen: 52.701 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

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

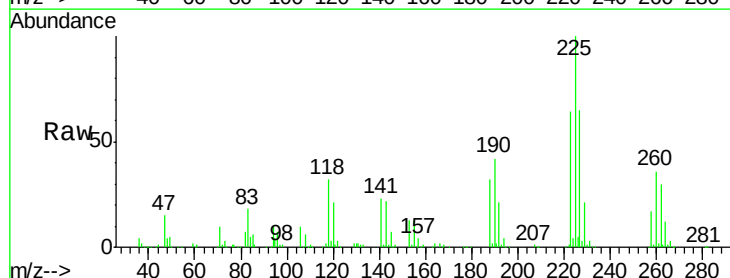


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

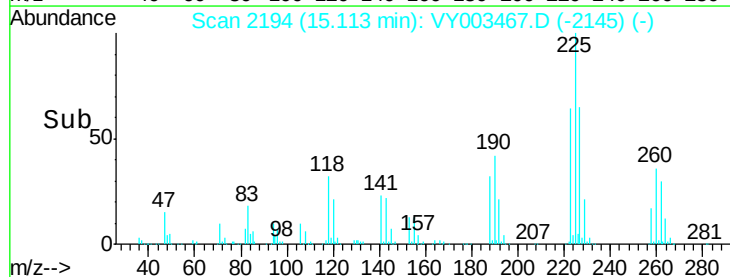
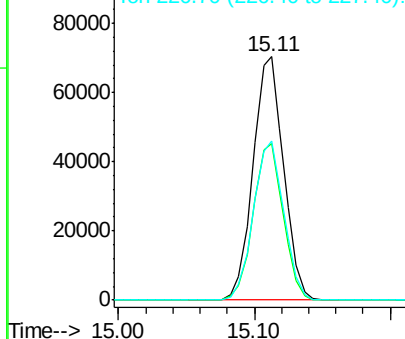


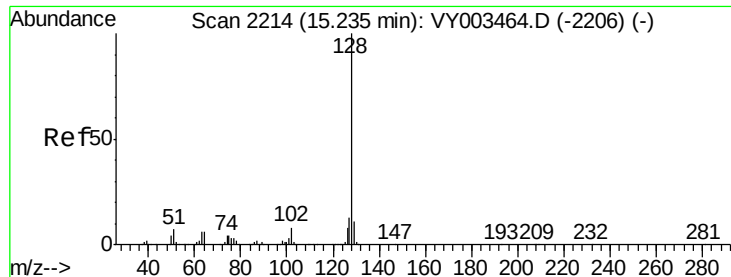
#94
 Hexachlorobutadiene
 Concen: 51.890 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003467.D
 Acq: 02 Nov 2020 12:48

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 :

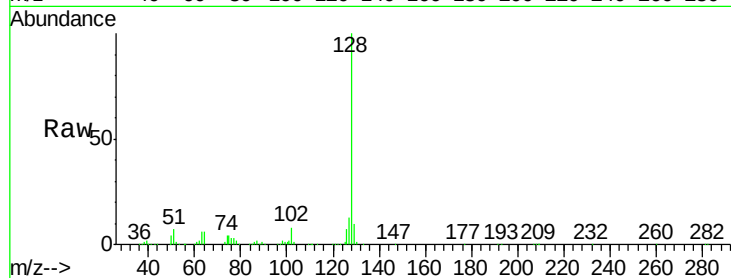
MSVOA_Y

ClientSampleId :

ICVY110220

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

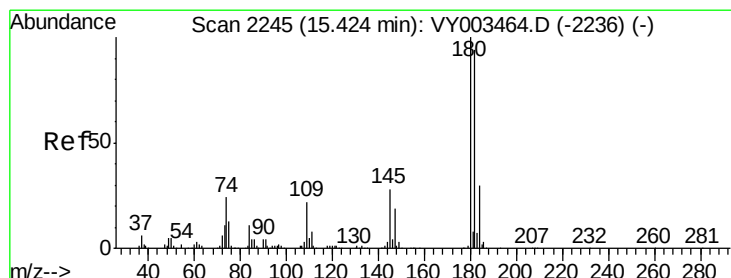
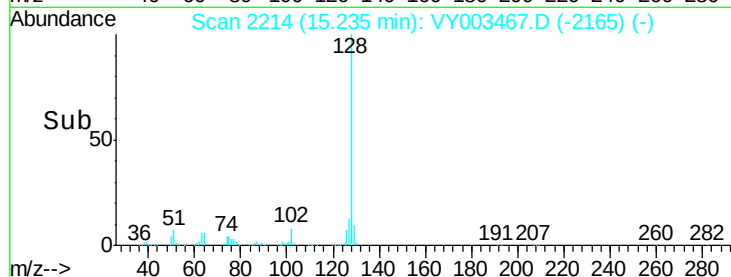
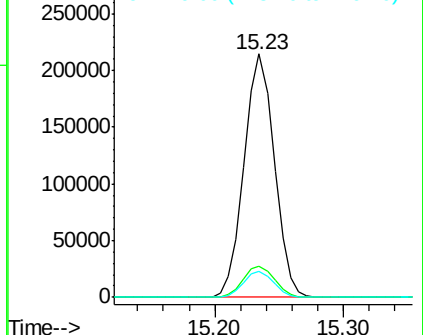


Abundance

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

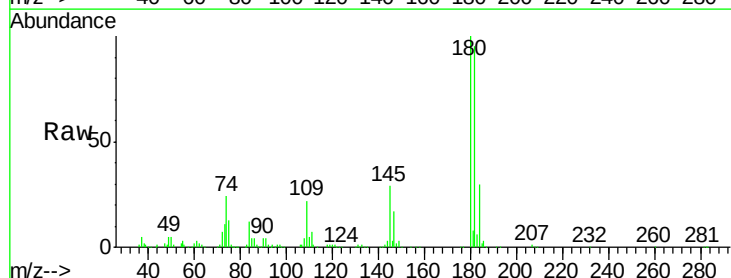
Delta R.T. -0.00 min

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

