

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003481.D
 Acq On : 03 Nov 2020 10:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 04 00:21:21 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	270015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	385302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	349788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	186520	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	133762	48.32	ug/l	0.00
Spiked Amount						
			Recovery	=	96.64%	
35) Dibromofluoromethane	7.73	113	117141	49.96	ug/l	0.00
Spiked Amount						
			Recovery	=	99.92%	
50) Toluene-d8	10.18	98	480611	49.27	ug/l	0.00
Spiked Amount						
			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.49	95	162717	50.35	ug/l	0.00
Spiked Amount						
			Recovery	=	100.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	98399	46.058	ug/l	99
3) Chloromethane	2.12	50	132973	47.280	ug/l	100
4) Vinyl Chloride	2.26	62	146358	46.359	ug/l	100
5) Bromomethane	2.66	94	110765	41.993	ug/l	97
6) Chloroethane	2.80	64	90606	48.152	ug/l	100
7) Trichlorofluoromethane	3.14	101	189234	47.222	ug/l	97
8) Diethyl Ether	3.54	74	62018	50.468	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	109923	49.630	ug/l	99
10) Methyl Iodide	4.11	142	116094	50.970	ug/l	100
11) Tert butyl alcohol	4.98	59	58658	209.929	ug/l	100
12) 1,1-Dichloroethene	3.89	96	108597	49.281	ug/l	99
13) Acrolein	3.74	56	50777	221.032	ug/l	100
14) Allyl chloride	4.49	41	192845	47.967	ug/l	99
15) Acrylonitrile	5.18	53	152653	232.719	ug/l	99
16) Acetone	3.96	43	244399	267.639	ug/l	99
17) Carbon Disulfide	4.21	76	345432	48.387	ug/l	98
18) Methyl Acetate	4.49	43	81227	47.070	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	278097	50.952	ug/l	99
20) Methylene Chloride	4.74	84	120758	46.956	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	125778	49.293	ug/l	97
22) Diisopropyl ether	6.13	45	357993	50.767	ug/l	97
23) Vinyl Acetate	6.07	43	1320300	249.159	ug/l	99
24) 1,1-Dichloroethane	6.04	63	223822	49.949	ug/l	100
25) 2-Butanone	7.00	43	283153	247.921	ug/l	99
26) 2,2-Dichloropropane	7.00	77	205558	49.240	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	137420	49.701	ug/l	100
28) Bromochloromethane	7.35	49	115480	51.227	ug/l	100
29) Tetrahydrofuran	7.36	42	138537	232.137	ug/l	99
30) Chloroform	7.52	83	220183	50.028	ug/l	99
31) Cyclohexane	7.80	56	193098	46.540	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	200914	48.932	ug/l	100
36) 1,1-Dichloropropene	7.92	75	178771	49.211	ug/l	99
37) Ethyl Acetate	7.08	43	106193	47.075	ug/l	99
38) Carbon Tetrachloride	7.91	117	182943	48.543	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	197791	48.897	ug/l	97
40) Benzene	8.17	78	494756	48.938	ug/l	99
41) Methacrylonitrile	7.35	41	136336	113.178	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	152637	48.185	ug/l	99
43) Isopropyl Acetate	8.28	43	194415	47.955	ug/l	99
44) Trichloroethene	8.94	130	141027	49.690	ug/l	99
45) 1,2-Dichloropropane	9.22	63	127893	50.094	ug/l	99
46) Dibromomethane	9.31	93	69581	49.538	ug/l	98
47) Bromodichloromethane	9.50	83	173386	50.434	ug/l	99
48) Methyl methacrylate	9.30	41	91265	47.790	ug/l	96
49) 1,4-Dioxane	9.30	88	16005	913.222	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	520383	240.917	ug/l	100
52) Toluene	10.25	92	317418	50.199	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	184500	50.429	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	208636	50.677	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	99008	49.656	ug/l	99
56) Ethyl methacrylate	10.51	69	136706	51.188	ug/l	98
57) 1,3-Dichloropropane	10.79	76	174718	50.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	336764	248.740	ug/l	100
59) 2-Hexanone	10.83	43	401283	250.914	ug/l	99
60) Dibromochloromethane	10.99	129	125234	51.103	ug/l	99
61) 1,2-Dibromoethane	11.09	107	96392	50.075	ug/l	97
64) Tetrachloroethene	10.72	164	124683	47.730	ug/l	99
65) Chlorobenzene	11.52	112	338742	49.848	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	128926	50.307	ug/l	100
67) Ethyl Benzene	11.60	91	611333	49.612	ug/l	99
68) m/p-Xylenes	11.70	106	466755	99.957	ug/l	99
69) o-Xylene	12.03	106	216271	50.349	ug/l	99
70) Styrene	12.05	104	370986	50.867	ug/l	99
71) Bromoform	12.21	173	84942	49.726	ug/l	99
73) Isopropylbenzene	12.33	105	594160	48.765	ug/l	100
74) N-amyl acetate	12.14	43	166719	48.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125152	48.089	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	165185	83.701	ug/l #	100
77) Bromobenzene	12.61	156	148775	48.059	ug/l	98
78) n-propylbenzene	12.67	91	702009	48.915	ug/l	100
79) 2-Chlorotoluene	12.76	91	390352	48.683	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	498521	49.383	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	43938	46.468	ug/l	99
82) 4-Chlorotoluene	12.86	91	413126	49.304	ug/l	99
83) tert-Butylbenzene	13.08	119	437031	48.812	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	499610	49.518	ug/l	100
85) sec-Butylbenzene	13.25	105	597689	49.302	ug/l	100
86) p-Isopropyltoluene	13.37	119	556707	49.516	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	283791	49.211	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	279928	48.816	ug/l	99
89) n-Butylbenzene	13.70	91	514515	50.103	ug/l	100
90) Hexachloroethane	13.96	117	93255	49.285	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	248796	48.565	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22076	46.859	ug/l	99

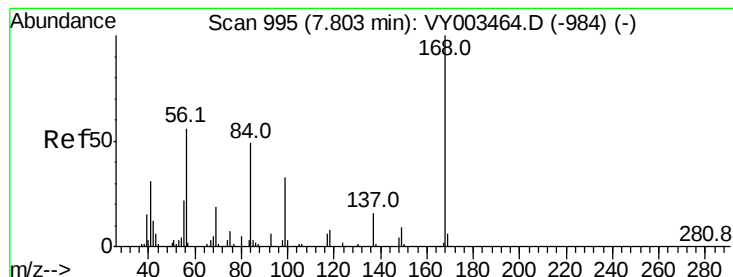
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	180818	49.899	ug/l	100
94) Hexachlorobutadiene	15.11	225	111767	47.947	ug/l	99
95) Naphthalene	15.23	128	356562	49.138	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	162557	49.870	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

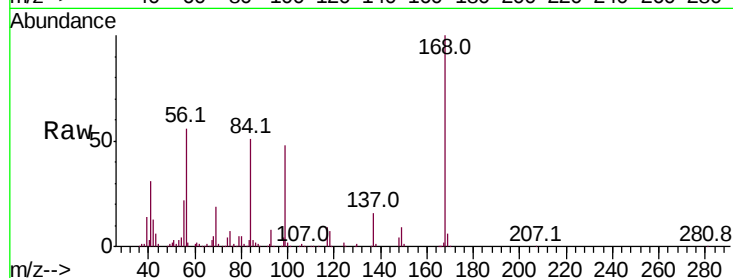
VSTDCCC050

Tot Ion:168 Resp: 270015

Ion Ratio Lower Upper

168 100

99 48.0 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003481.D (-1) (-)

Ion 98.90 (98.60 to 99.60): VY003481.D (-1) (-)

7.80

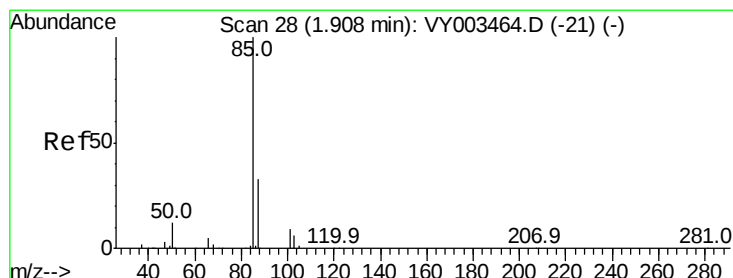
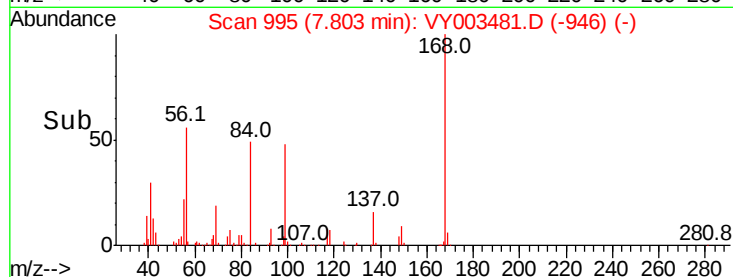
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.058 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY003481.D

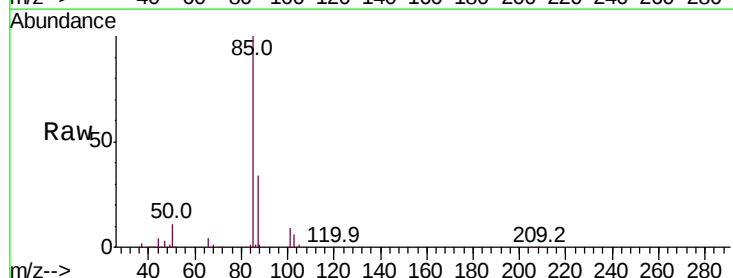
Acq: 03 Nov 2020 10:30

Tgt Ion: 85 Resp: 98399

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003481.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003481.D (-1) (-)

1.91

80000

60000

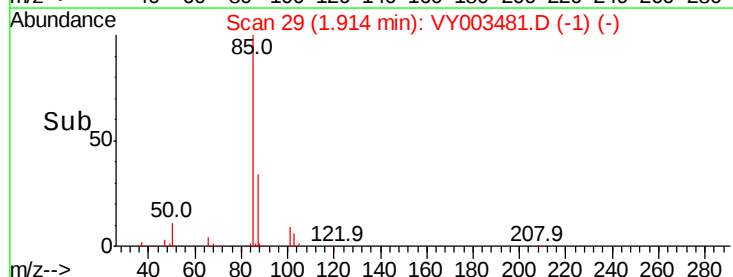
40000

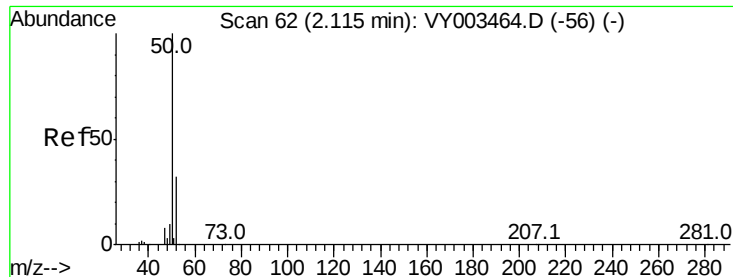
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.280 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

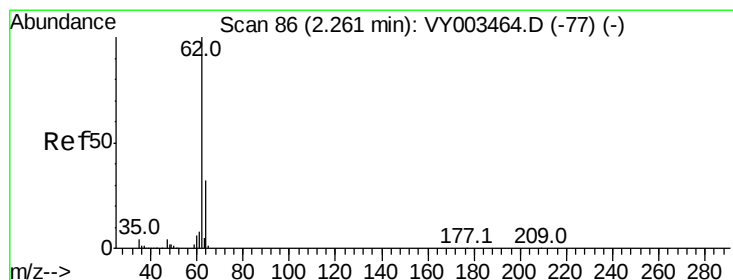
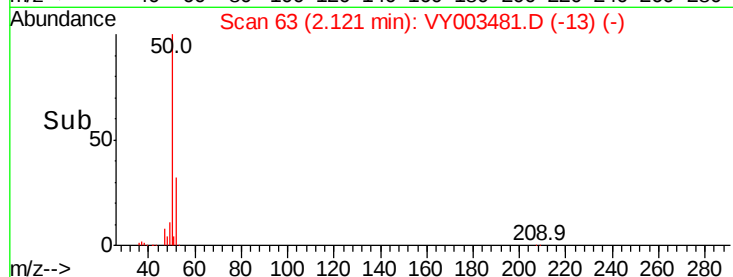
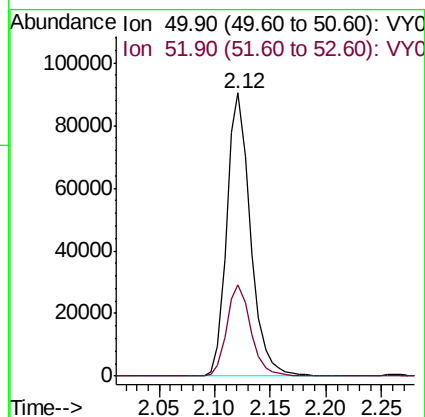
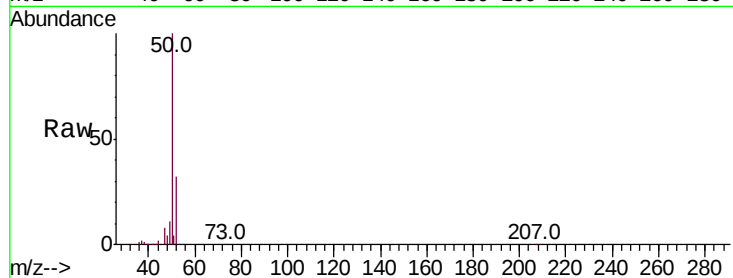
VSTDCCC050

Tot Ion: 50 Resp: 132973

Ion Ratio Lower Upper

50 100

52 32.3 25.6 38.4



#4

Vinyl Chloride

Concen: 46.359 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003481.D

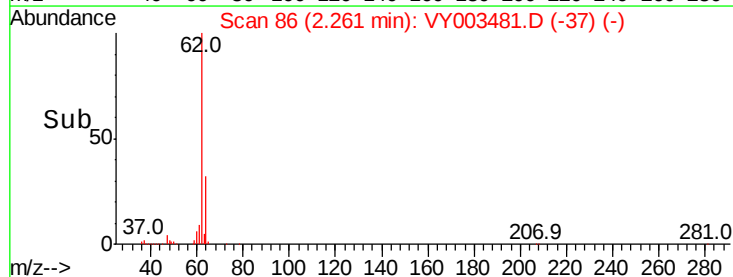
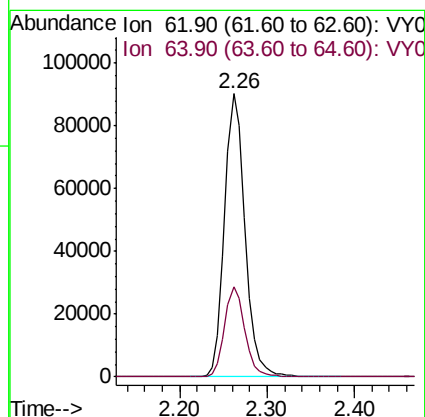
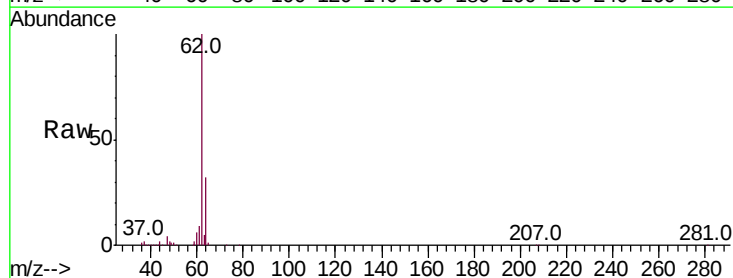
Acq: 03 Nov 2020 10:30

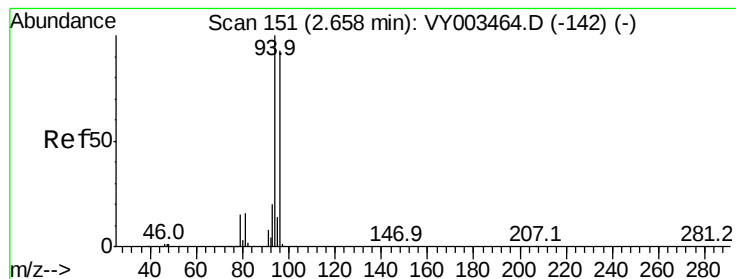
Tgt Ion: 62 Resp: 146358

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 41.993 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

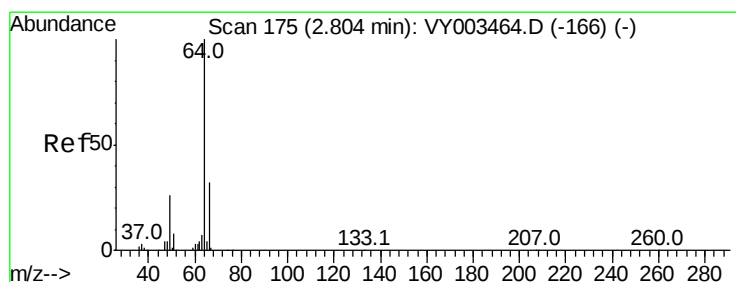
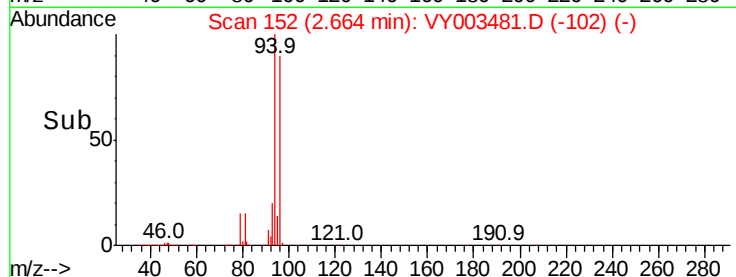
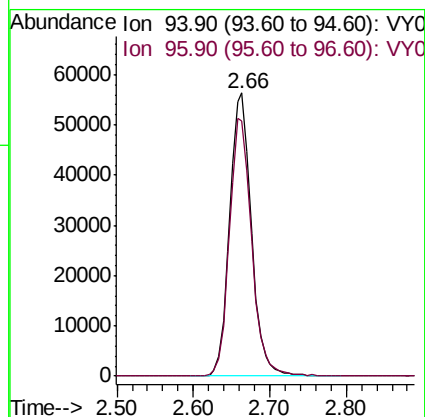
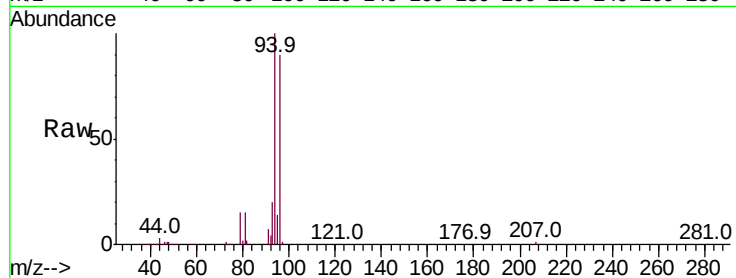
VSTDCCC050

Tot Ion: 94 Resp: 110765

Ion Ratio Lower Upper

94 100

96 90.1 74.6 112.0



#6

Chloroethane

Concen: 48.152 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY003481.D

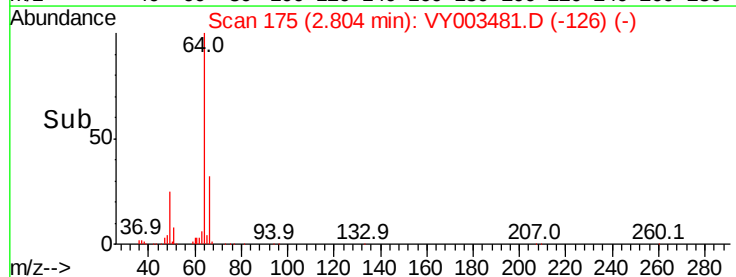
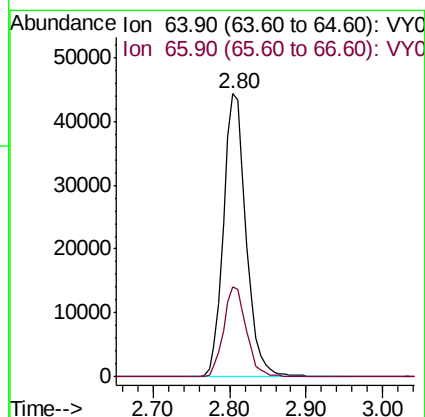
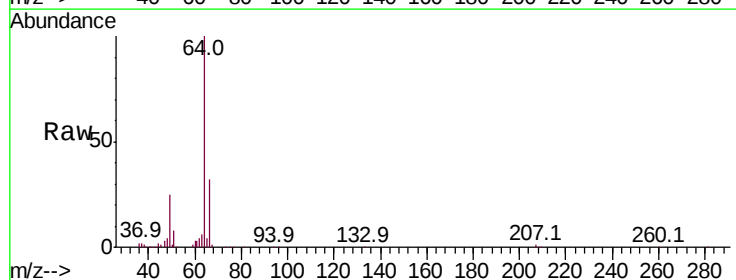
Acq: 03 Nov 2020 10:30

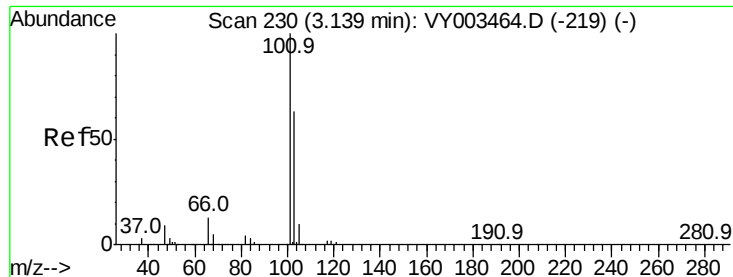
Tgt Ion: 64 Resp: 90606

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4



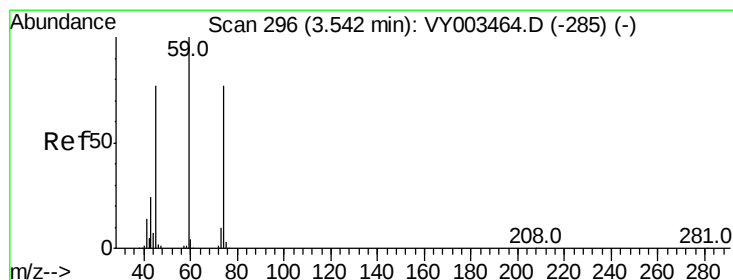
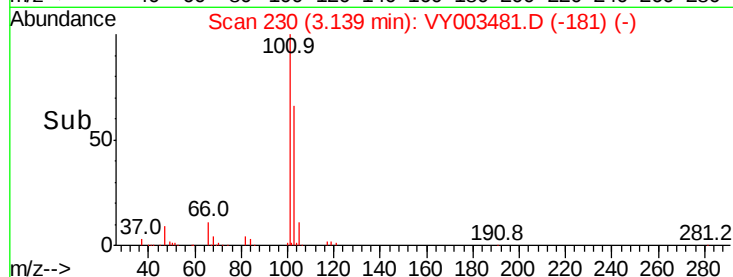
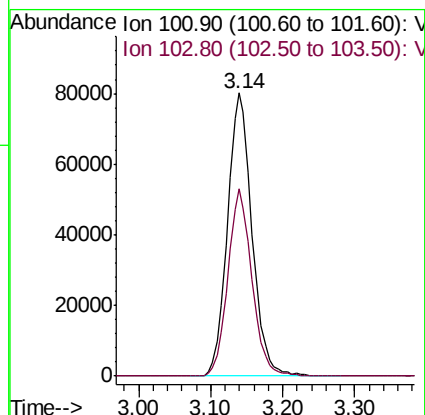
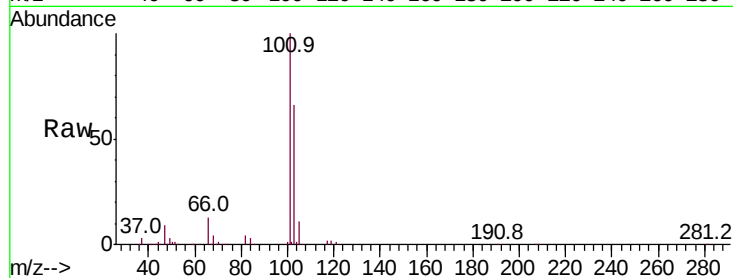


#7

Trichlorofluoromethane
 Concen: 47.222 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

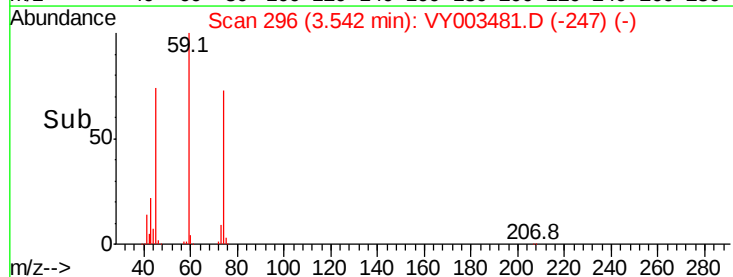
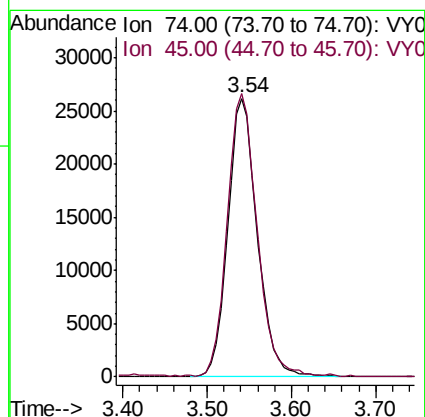
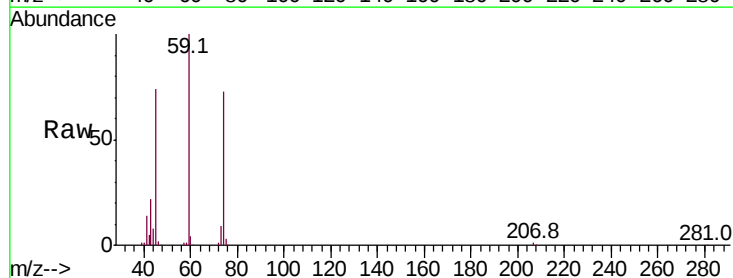
Tot Ion:101 Resp: 189234
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.7 76.1

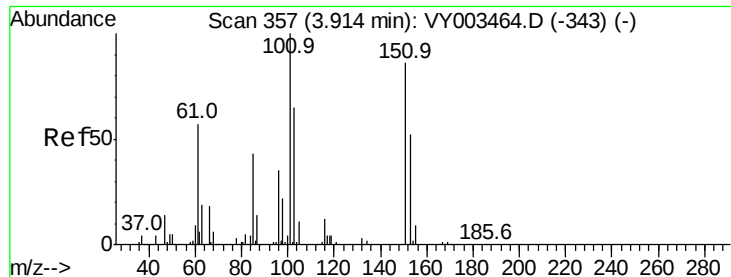


#8

Diethyl Ether
 Concen: 50.468 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion: 74 Resp: 62018
 Ion Ratio Lower Upper
 74 100
 45 102.3 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.630 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

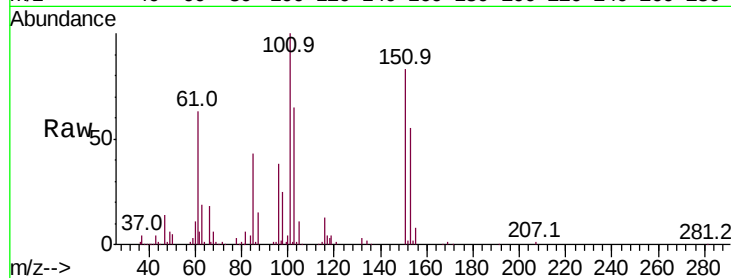
Tot Ion:101 Resp: 109923

Ion Ratio Lower Upper

101 100

85 44.6 35.8 53.8

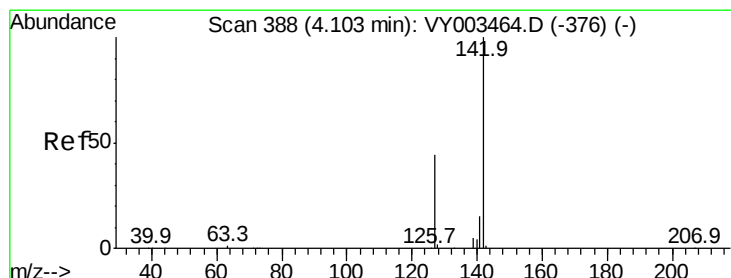
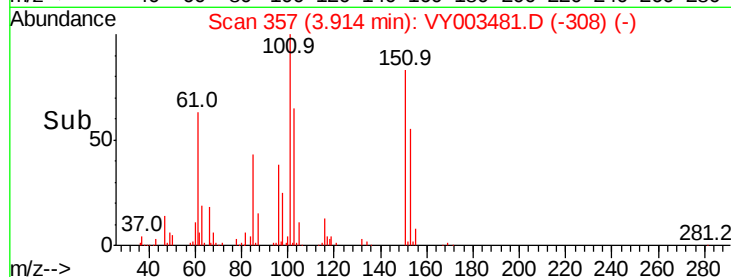
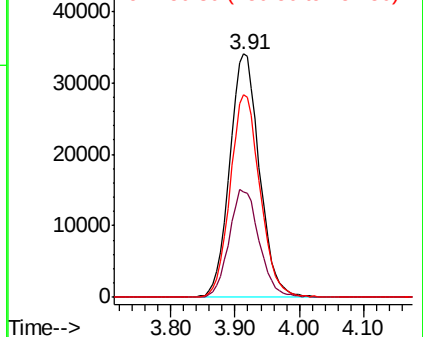
151 83.3 67.6 101.4



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: 50.970 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

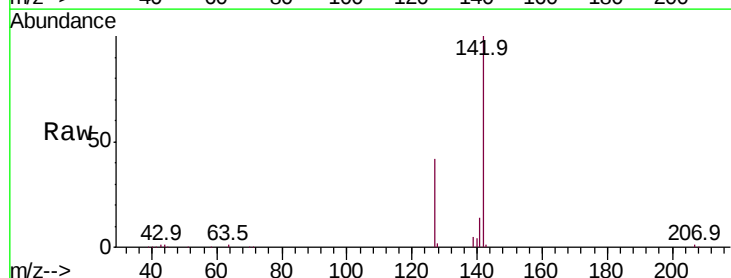
Tgt Ion:142 Resp: 116094

Ion Ratio Lower Upper

142 100

127 43.1 34.5 51.7

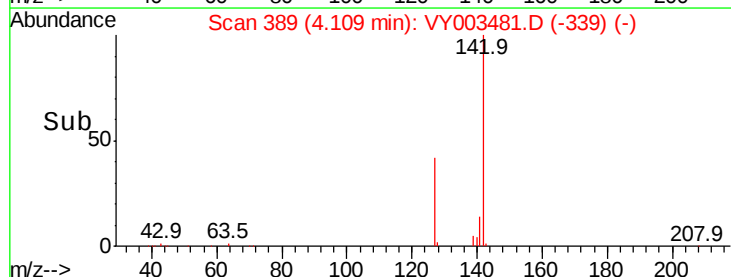
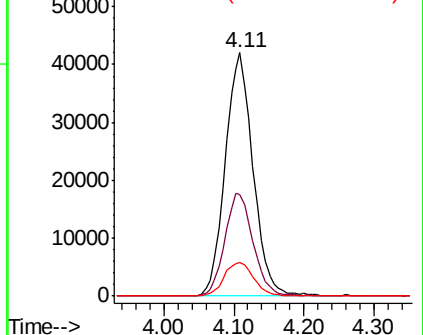
141 14.6 11.8 17.8

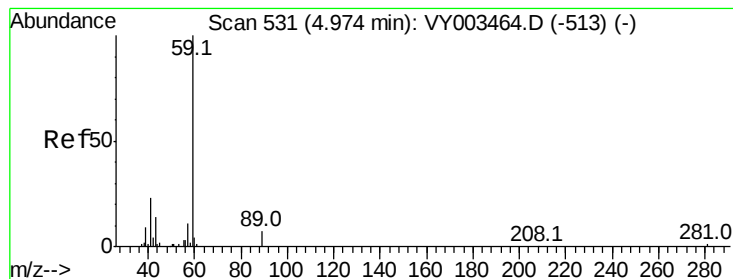


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



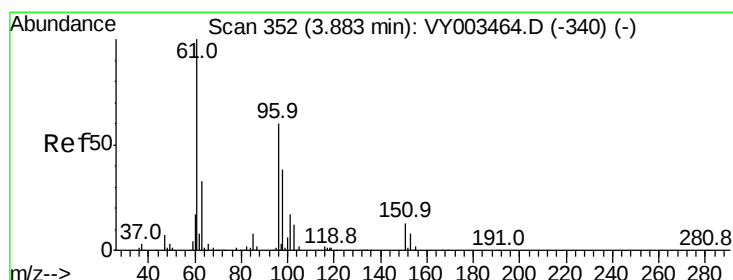
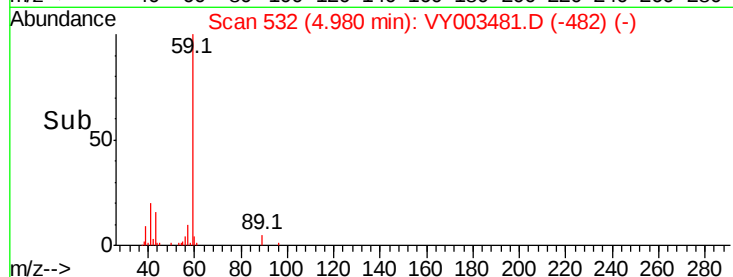
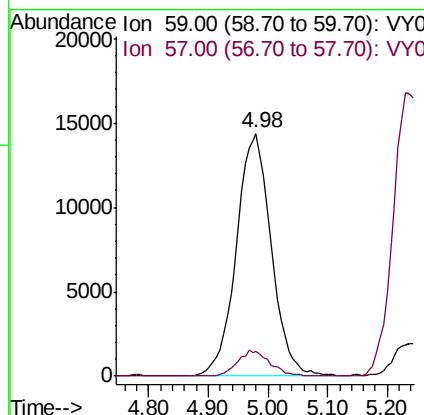
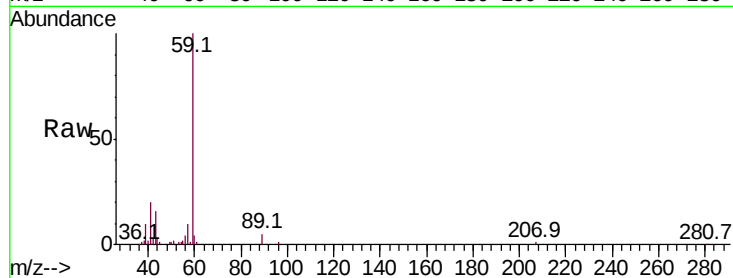


#11

Tert butyl alcohol
Concen: 209.929 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

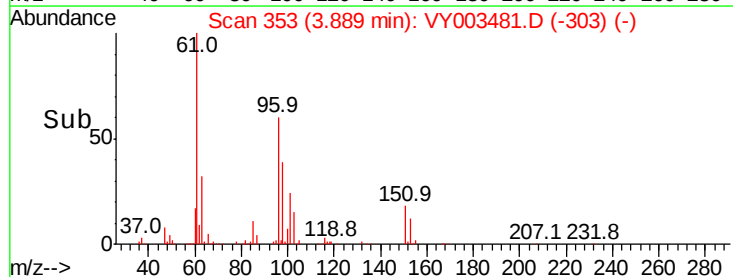
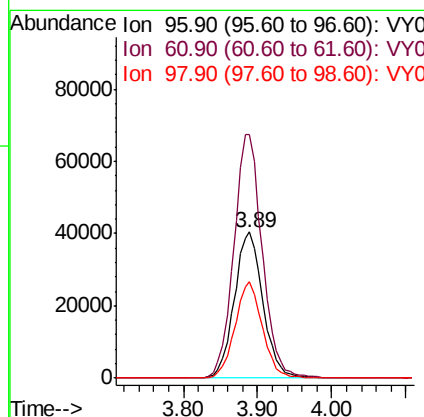
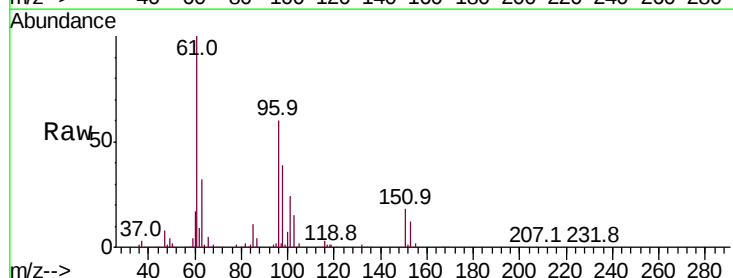
Tot Ion: 59 Resp: 58658
Ion Ratio Lower Upper
59 100
57 9.8 7.9 11.9

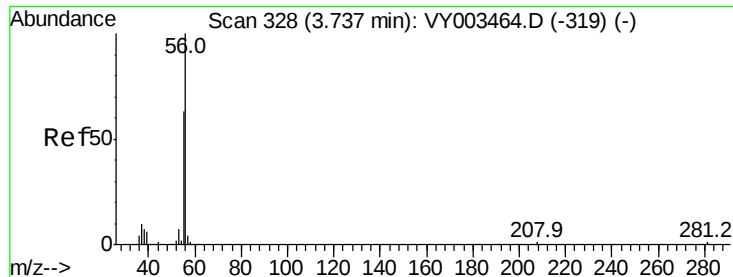


#12

1,1-Dichloroethene
Concen: 49.281 ug/l
RT: 3.89 min Scan# 353
Delta R.T. 0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion: 96 Resp: 108597
Ion Ratio Lower Upper
96 100
61 166.9 133.6 200.4
98 65.9 50.2 75.2





#13

Acrolein

Concen: 221.032 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

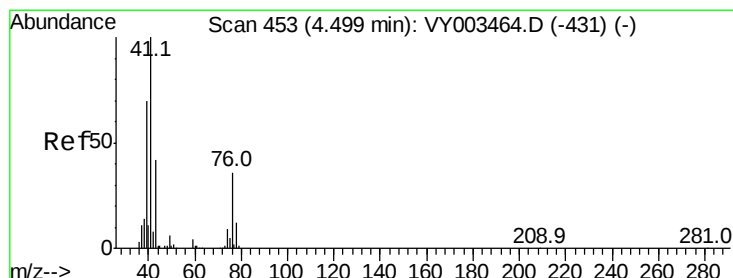
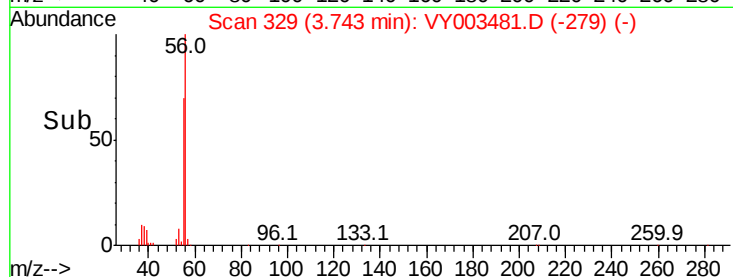
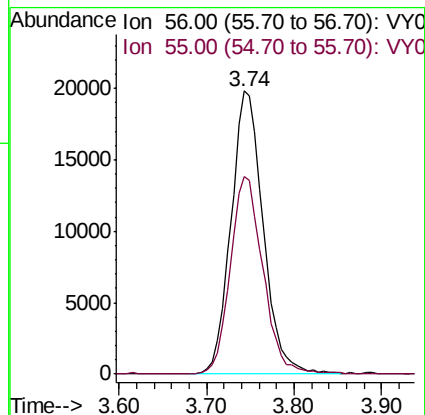
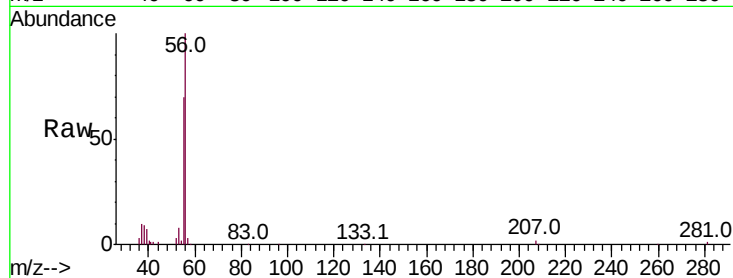
VSTDCCC050

Tot Ion: 56 Resp: 50777

Ion Ratio Lower Upper

56 100

55 70.6 56.6 85.0



#14

Allyl chloride

Concen: 47.967 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

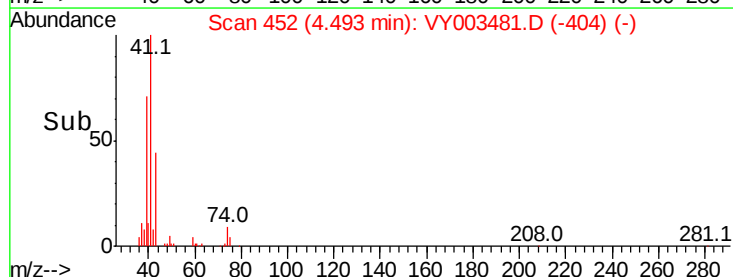
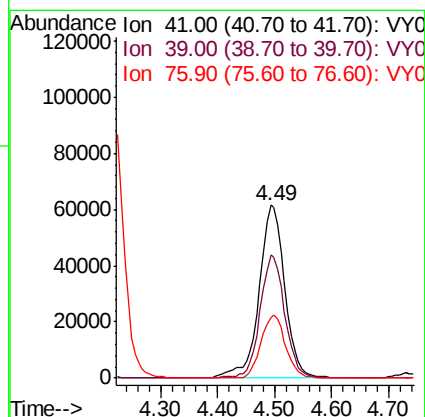
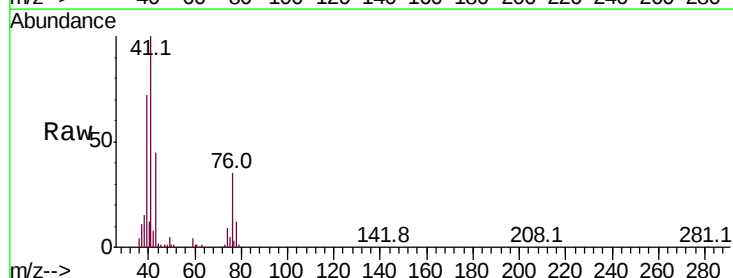
Tgt Ion: 41 Resp: 192845

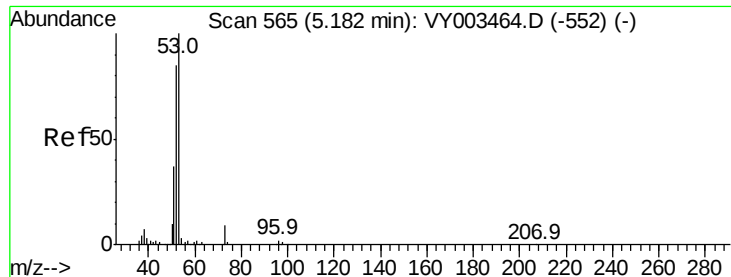
Ion Ratio Lower Upper

41 100

39 68.7 54.4 81.6

76 35.1 27.6 41.4





#15

Acrylonitrile

Concen: 232.719 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

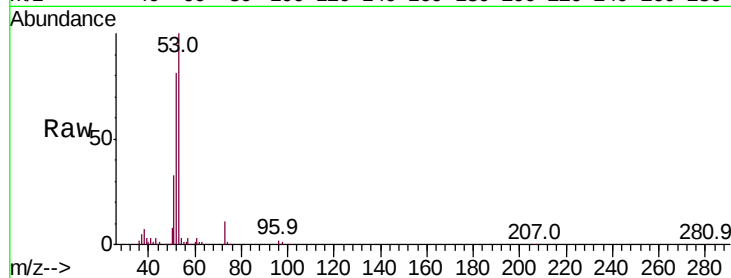
Tot Ion: 53 Resp: 152653

Ion Ratio Lower Upper

53 100

52 82.7 66.9 100.3

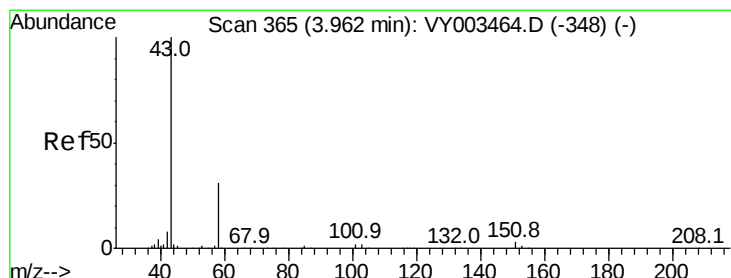
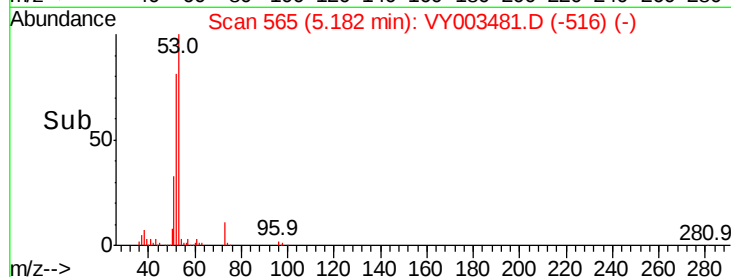
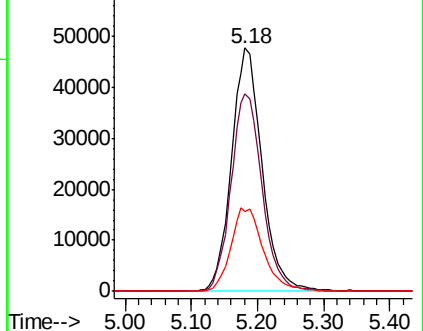
51 36.6 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 267.639 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY003481.D

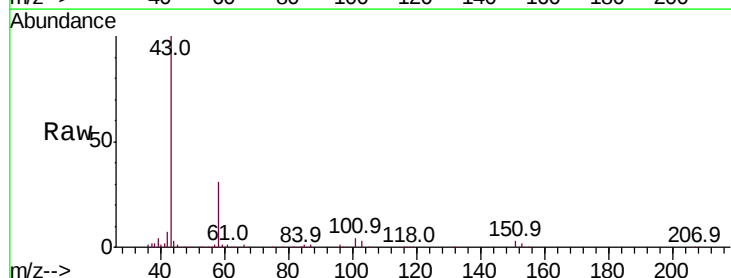
Acq: 03 Nov 2020 10:30

Tgt Ion: 43 Resp: 244399

Ion Ratio Lower Upper

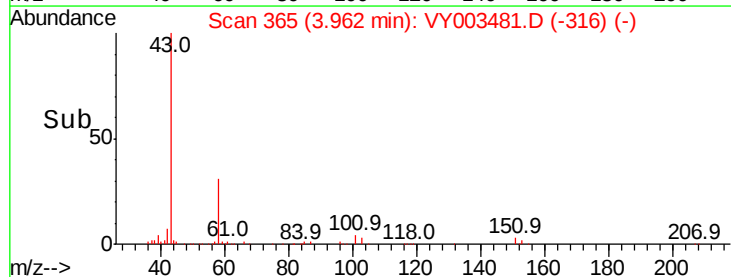
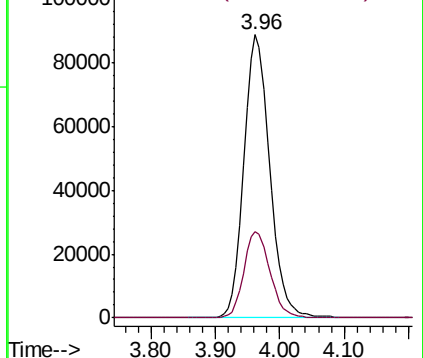
43 100

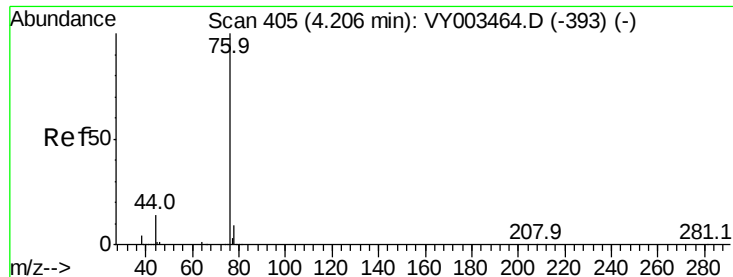
58 30.5 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 48.387 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

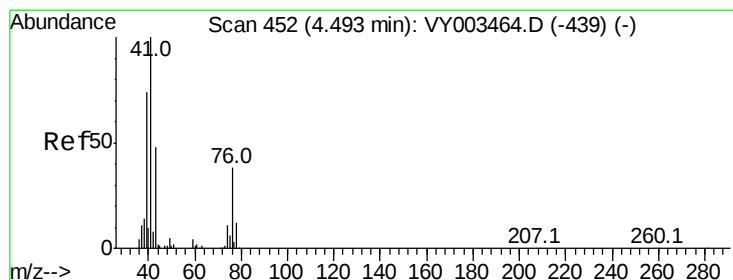
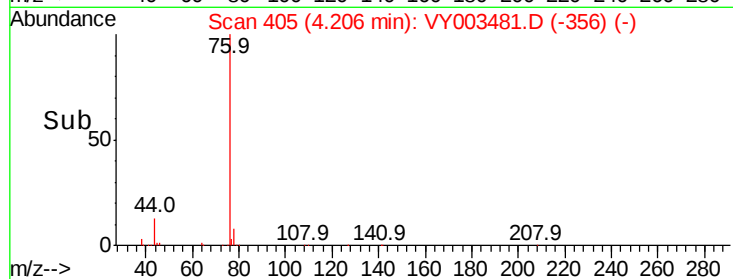
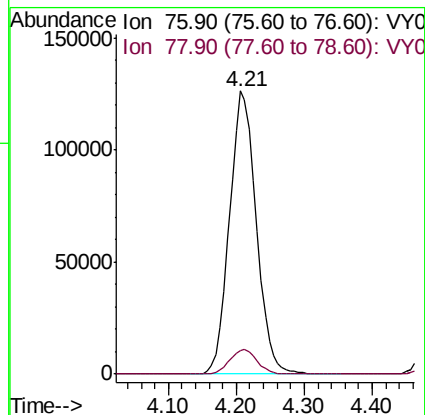
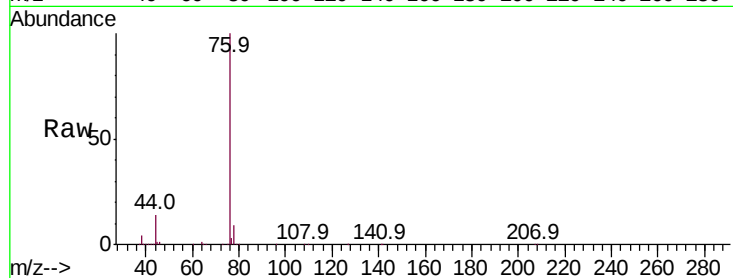
VSTDCCC050

Tot Ion: 76 Resp: 345432

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.2



#18

Methyl Acetate

Concen: 47.070 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.00 min

Lab File: VY003481.D

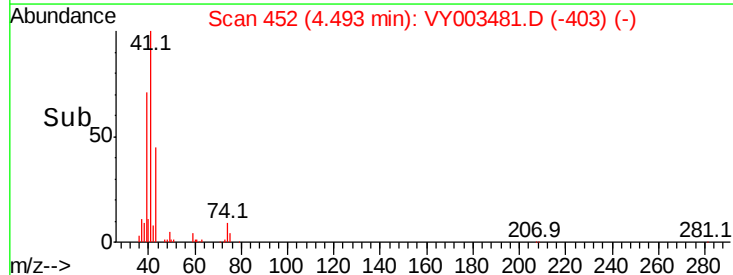
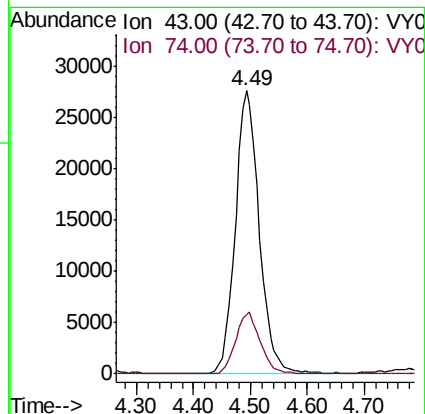
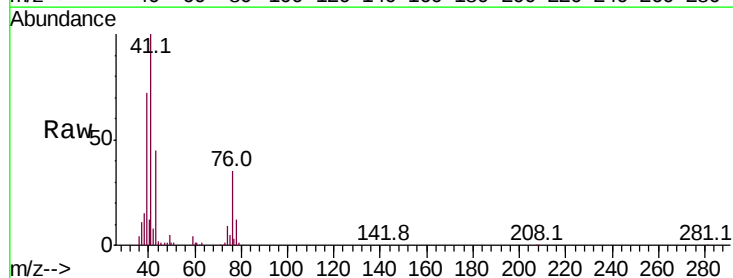
Acq: 03 Nov 2020 10:30

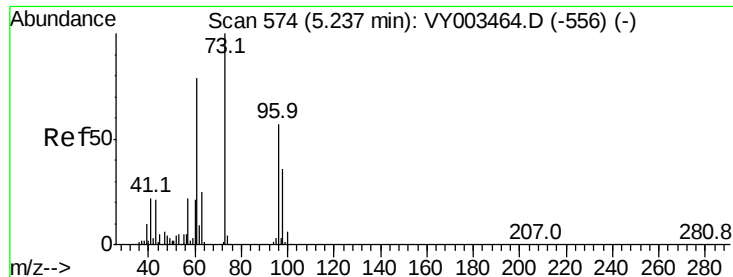
Tgt Ion: 43 Resp: 81227

Ion Ratio Lower Upper

43 100

74 22.2 18.4 27.6

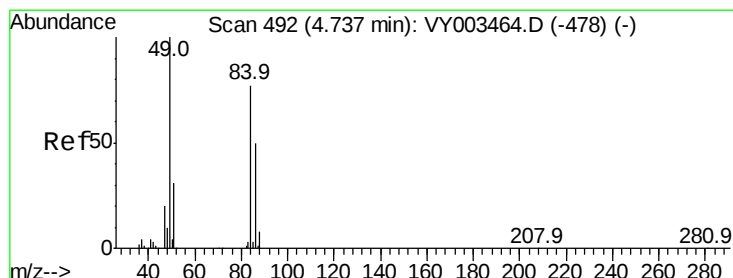
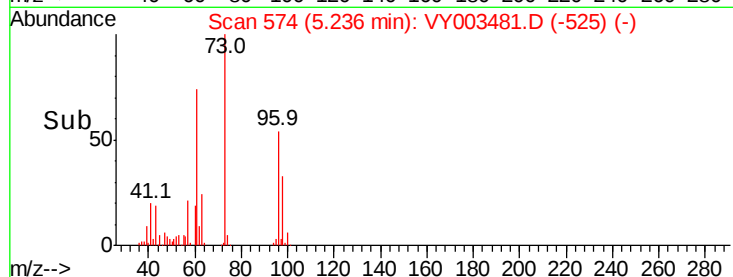
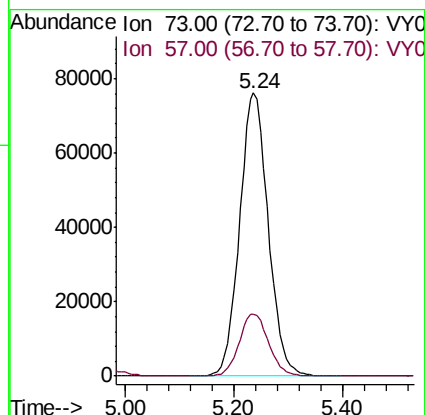
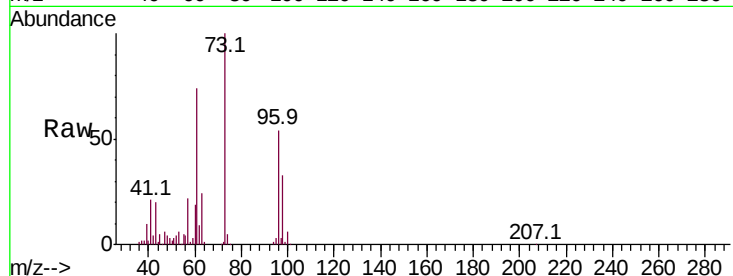




#19
Methvl tert-butvl Ether
Concen: 50.952 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

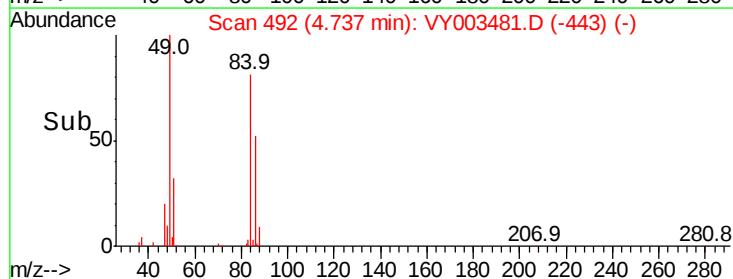
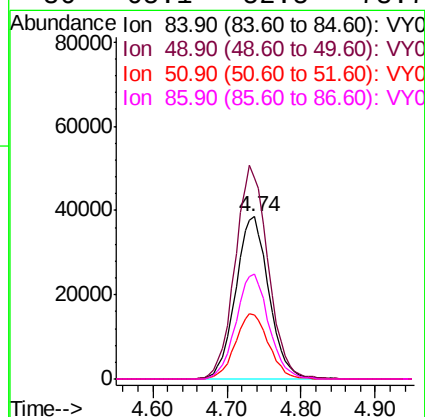
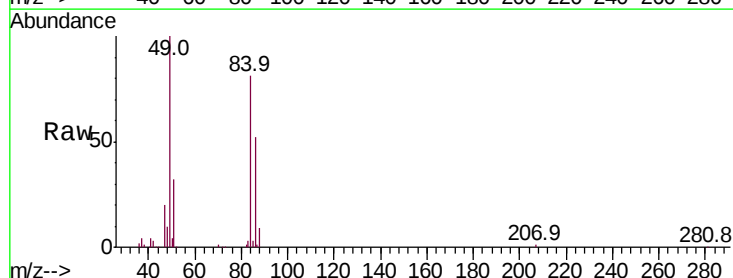
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

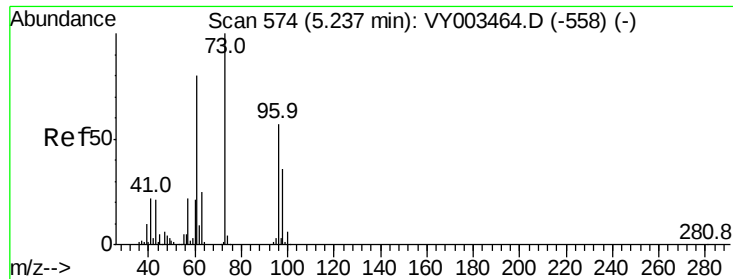
Tot Ion: 73 Resp: 278097
Ion Ratio Lower Upper
73 100
57 22.0 17.2 25.8



#20
Methylene Chloride
Concen: 46.956 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion: 84 Resp: 120758
Ion Ratio Lower Upper
84 100
49 124.2 104.3 156.5
51 39.6 32.5 48.7
86 65.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.293 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

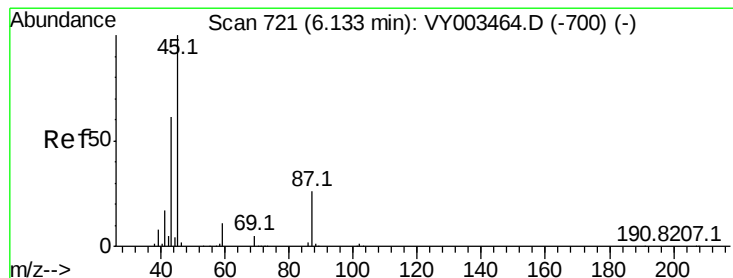
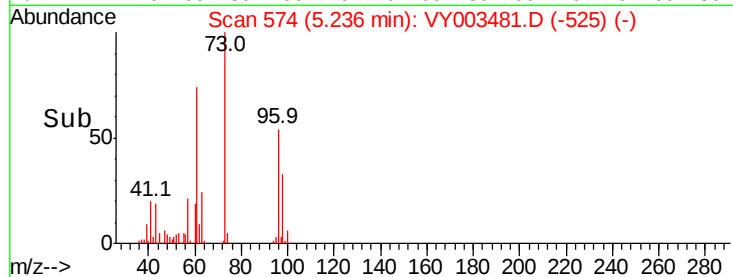
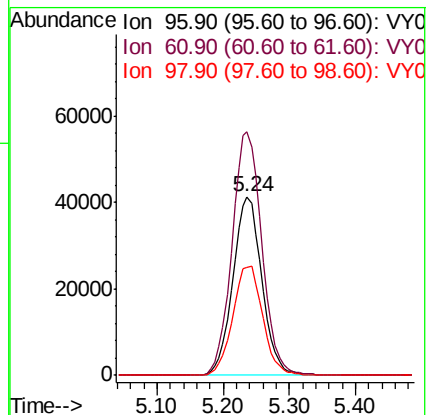
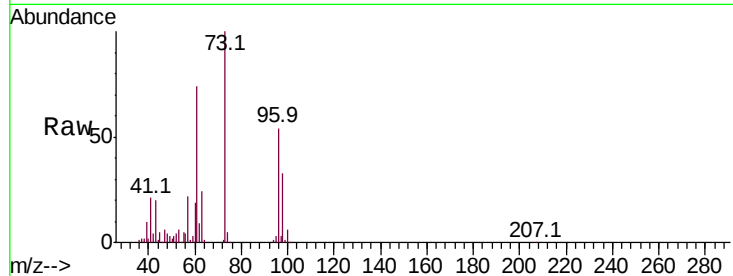
Tot Ion: 96 Resp: 125778

Ion Ratio Lower Upper

96 100

61 136.3 111.3 166.9

98 60.6 50.3 75.5



#22

Diisopropyl ether

Concen: 50.767 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion: 45 Resp: 357993

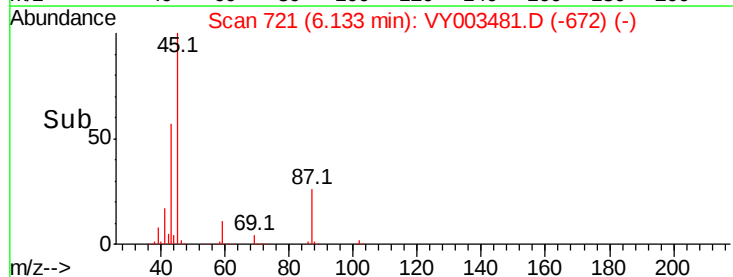
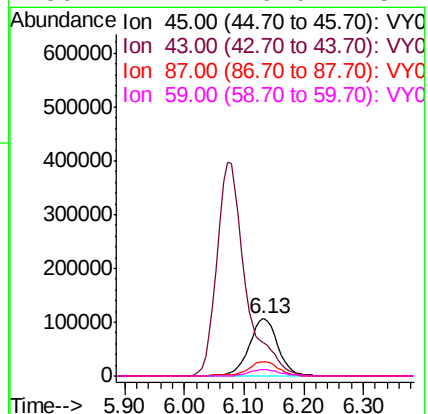
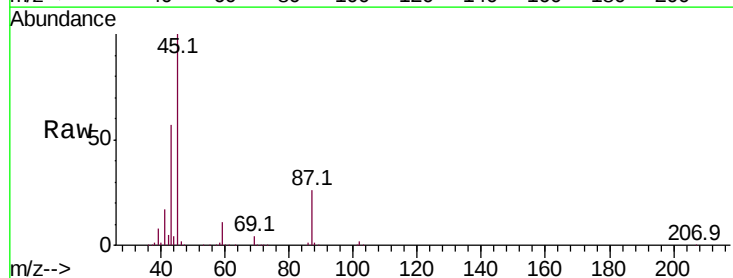
Ion Ratio Lower Upper

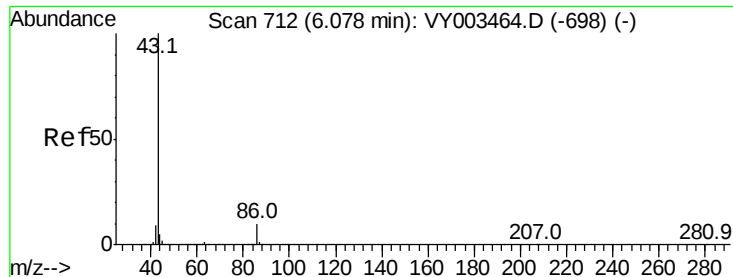
45 100

43 57.1 48.8 73.2

87 25.7 20.6 31.0

59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 249.159 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

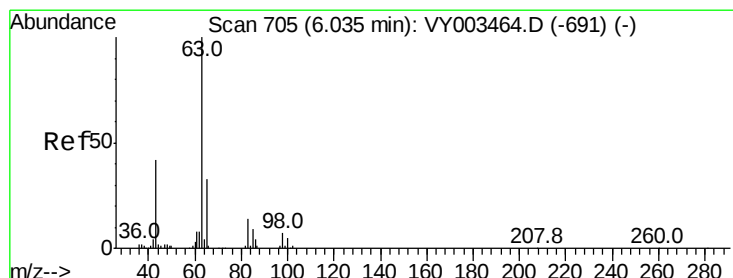
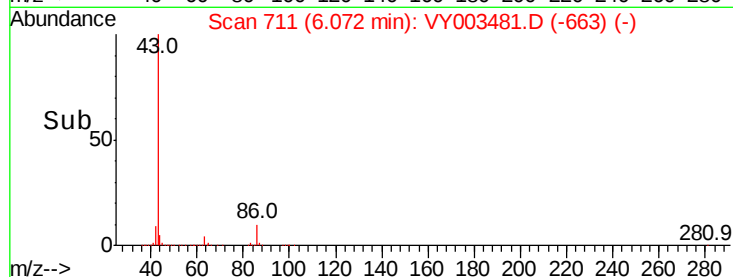
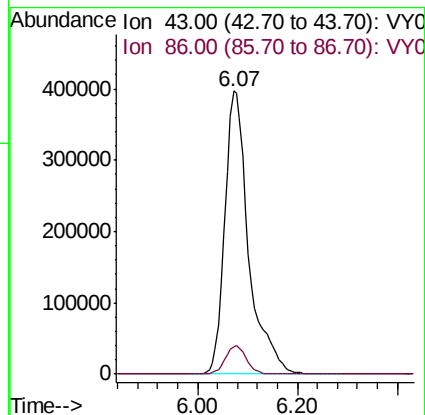
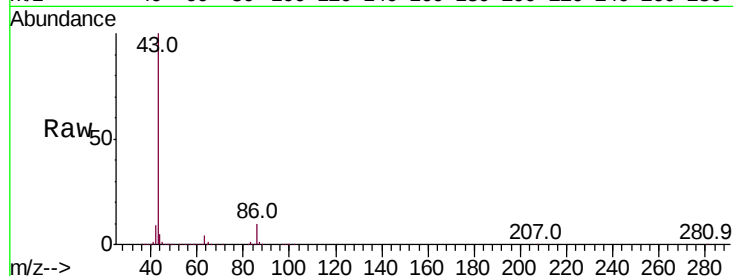
VSTDCCC050

Tot Ion: 43 Resp: 1320300

Ion Ratio Lower Upper

43 100

86 9.9 8.2 12.2



#24

1,1-Dichloroethane

Concen: 49.949 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

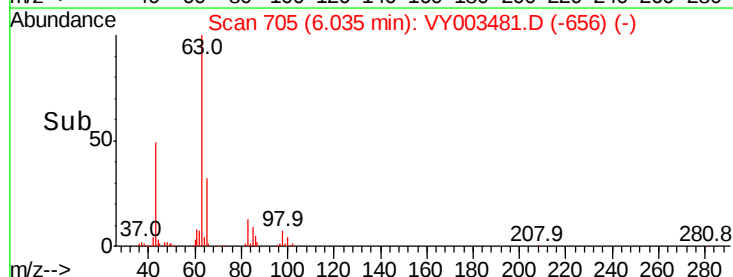
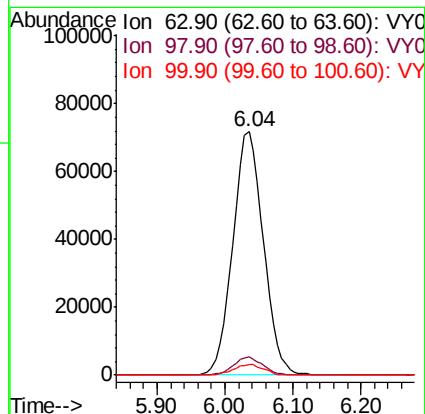
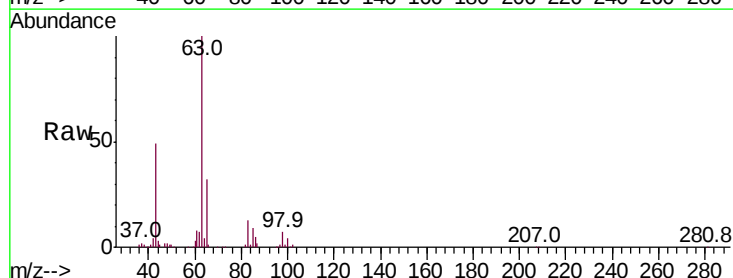
Tgt Ion: 63 Resp: 223822

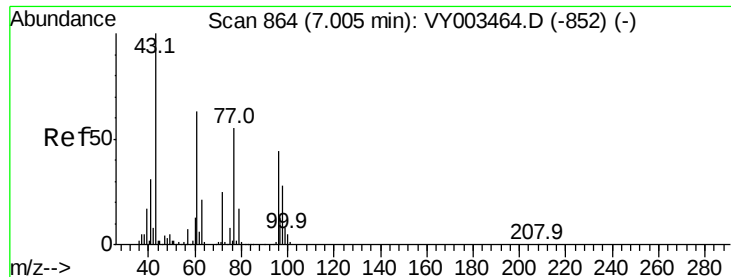
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 247.921 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

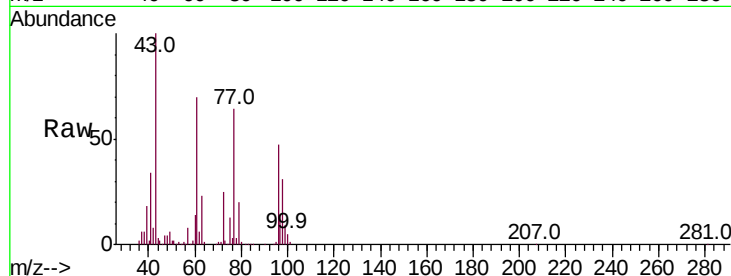
VSTDCCC050

Tot Ion: 43 Resp: 283153

Ion Ratio Lower Upper

43 100

72 25.5 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.00

120000

100000

80000

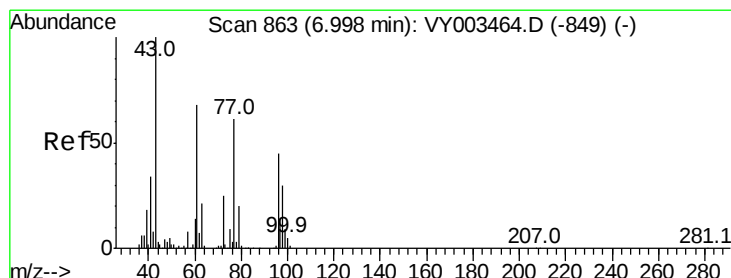
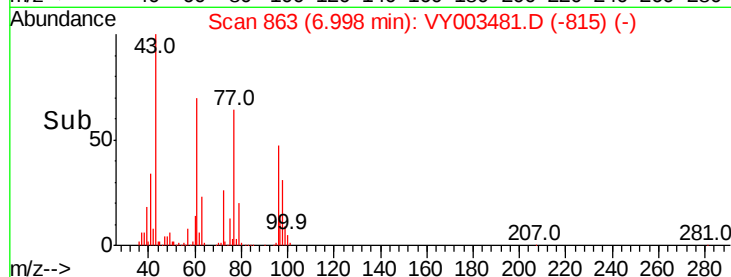
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.240 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY003481.D

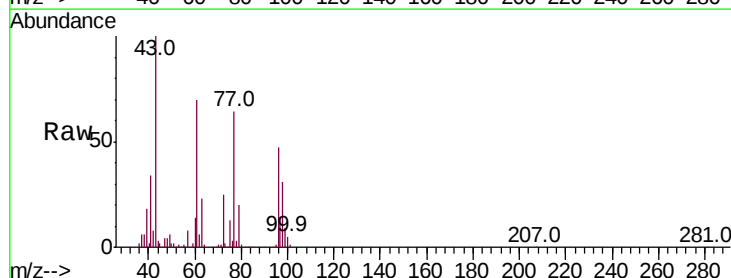
Acq: 03 Nov 2020 10:30

Tgt Ion: 77 Resp: 205558

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

7.00

80000

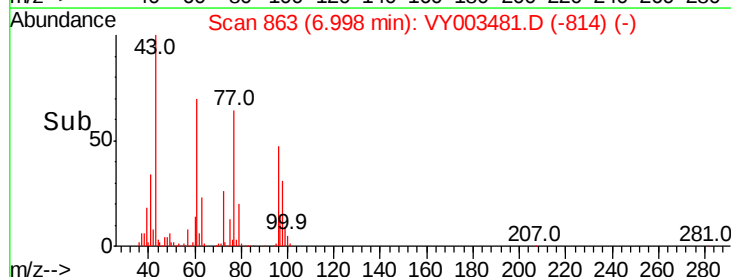
60000

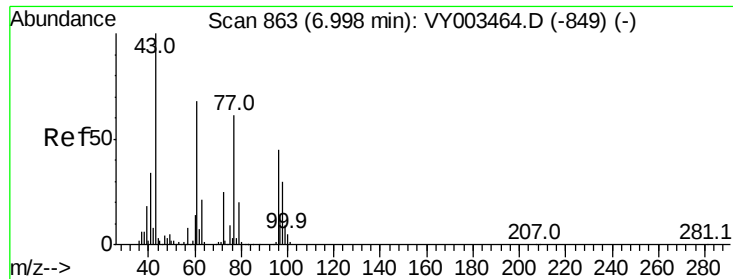
40000

20000

0

Time-->



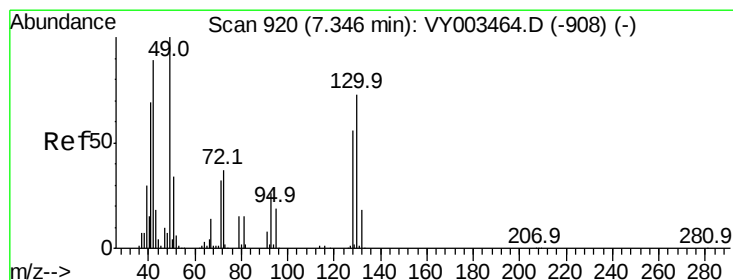
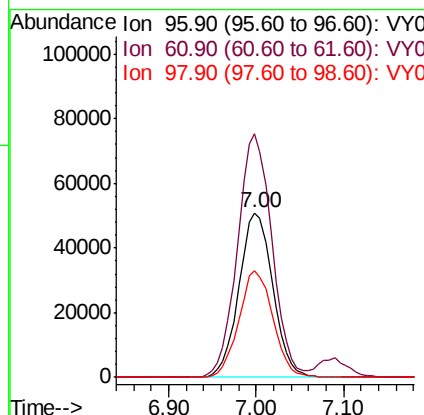
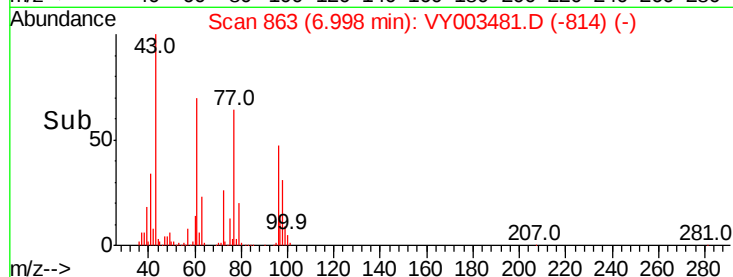
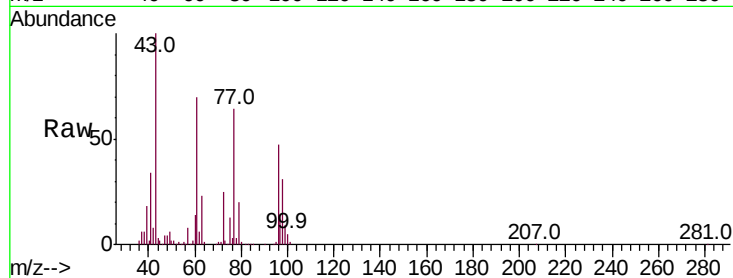


#27

cis-1,2-Dichloroethene
Concen: 49.701 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

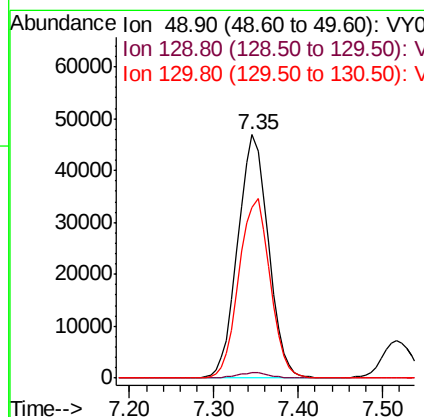
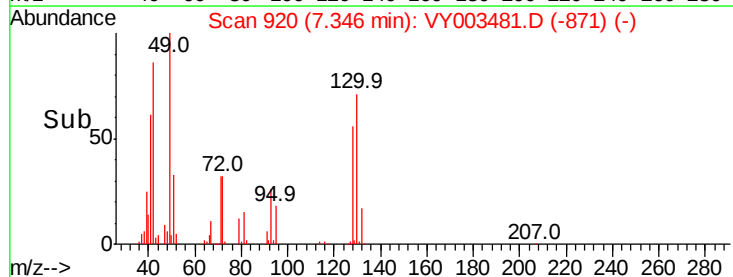
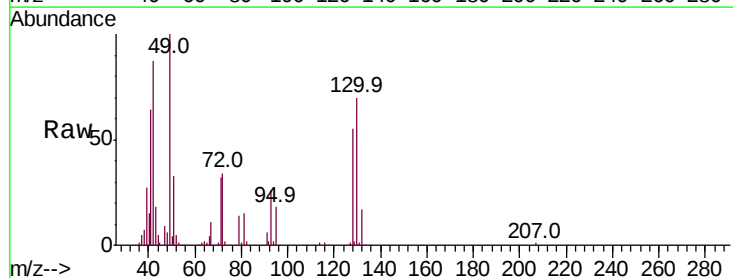
Tot Ion: 96 Resp: 137420
Ion Ratio Lower Upper
96 100
61 149.8 0.0 299.2
98 65.1 0.0 128.6

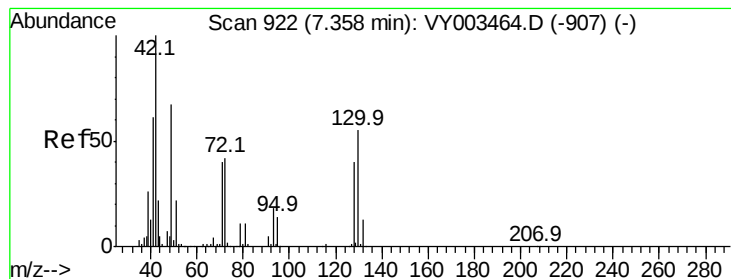


#28

Bromochloromethane
Concen: 51.227 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion: 49 Resp: 115480
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 75.0 60.0 90.0





#29

Tetrahydrofuran

Concen: 232.137 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

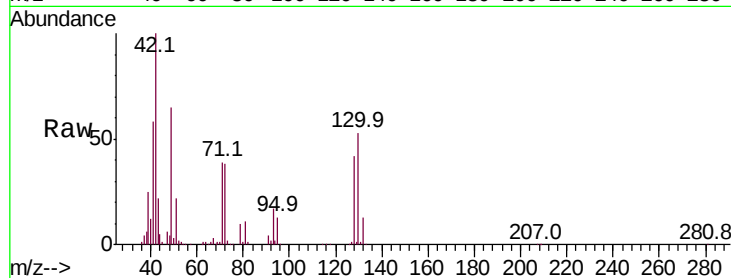
Tot Ion: 42 Resp: 138537

Ion Ratio Lower Upper

42 100

72 40.3 32.8 49.2

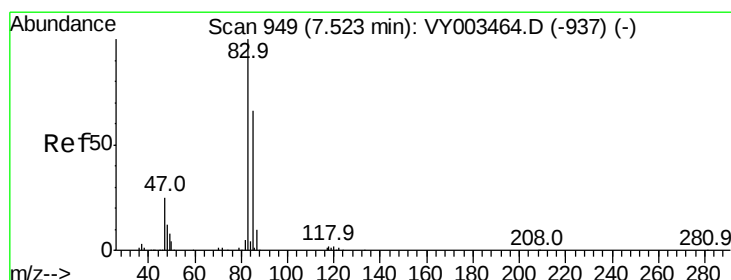
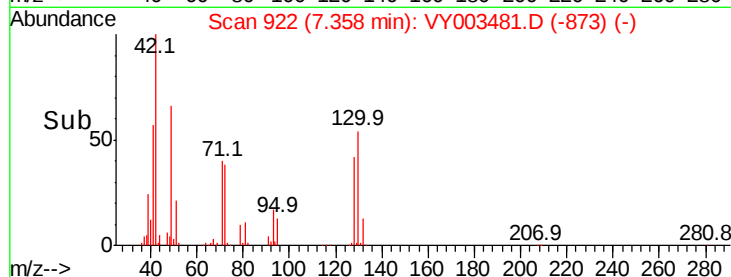
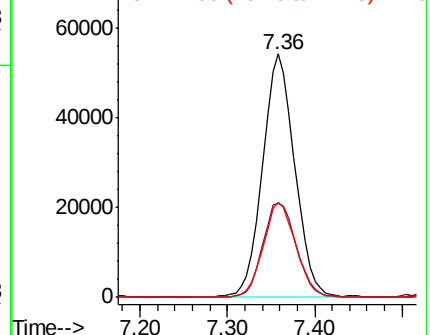
71 39.6 30.7 46.1



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: 50.028 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY003481.D

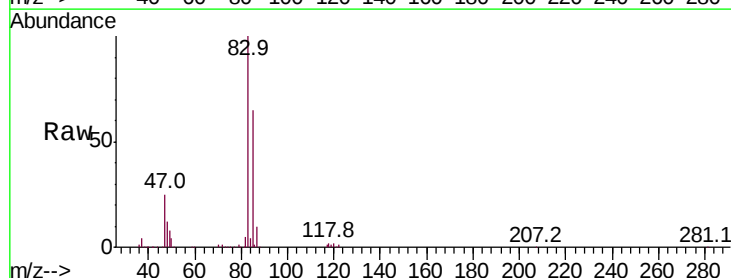
Acq: 03 Nov 2020 10:30

Tgt Ion: 83 Resp: 220183

Ion Ratio Lower Upper

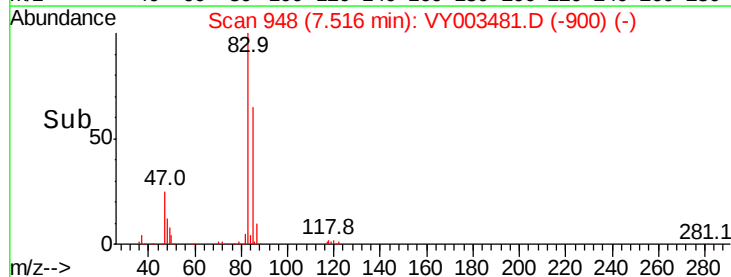
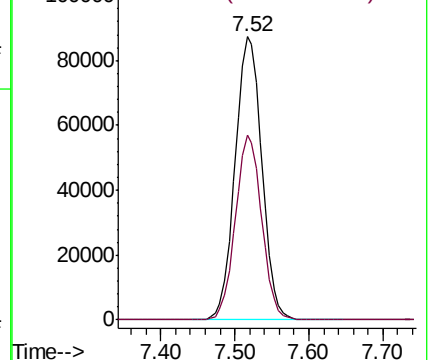
83 100

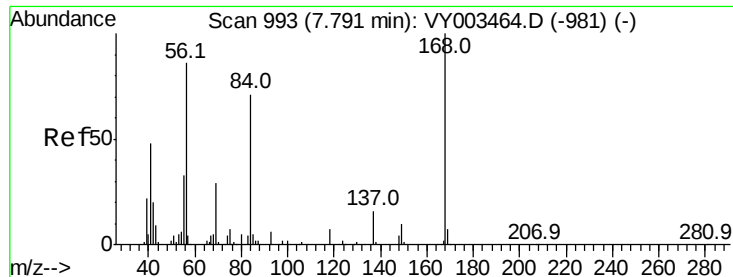
85 65.1 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

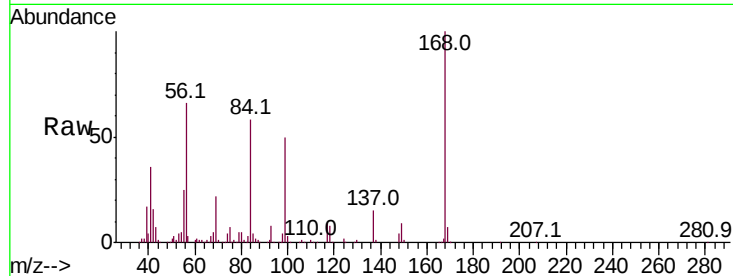




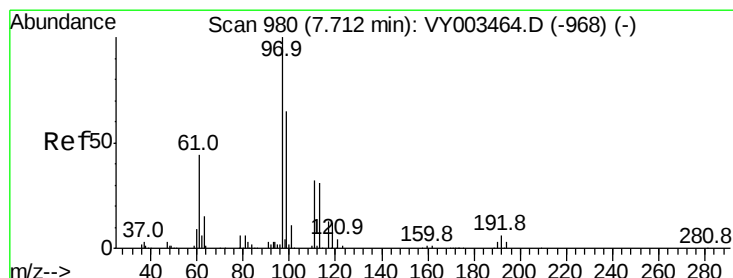
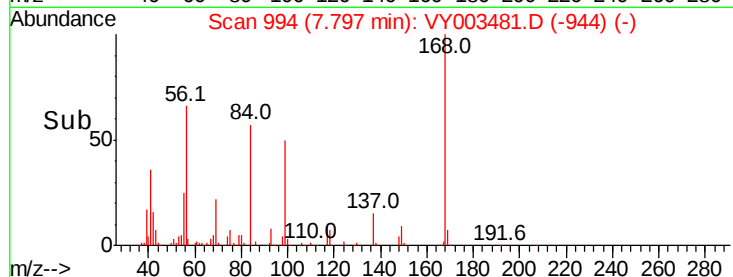
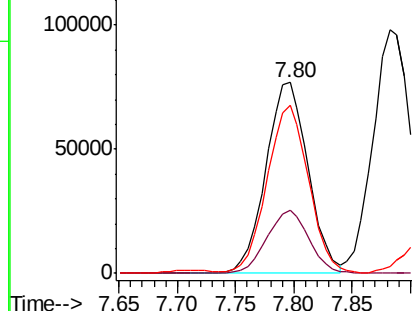
#31
Cyclohexane
Concen: 46.540 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 193098
Ion Ratio Lower Upper
56 100
69 32.9 26.6 39.8
84 86.2 65.9 98.9

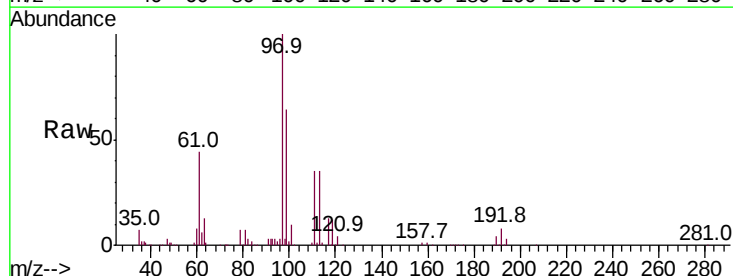


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

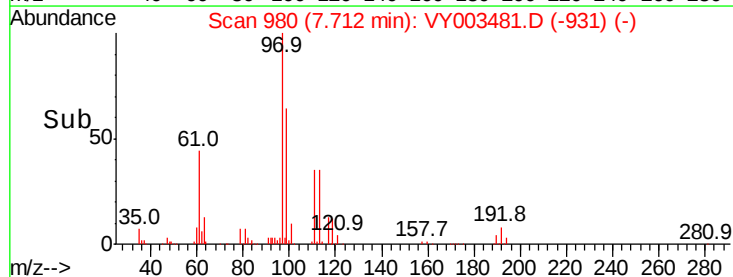
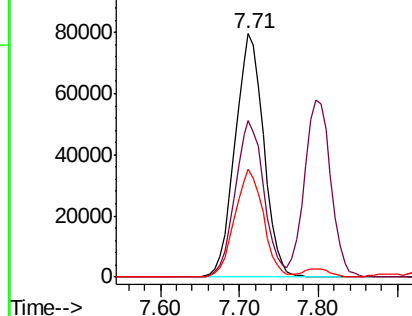


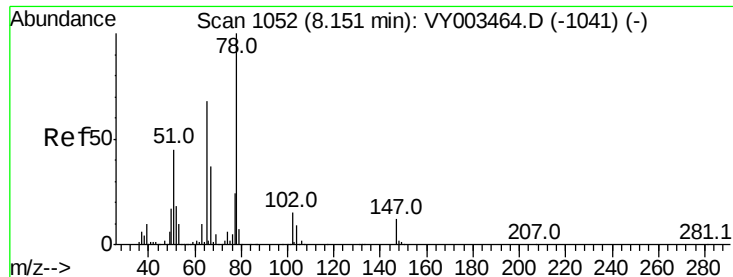
#32
1,1,1-Trichloroethane
Concen: 48.932 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion: 97 Resp: 200914
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 44.1 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

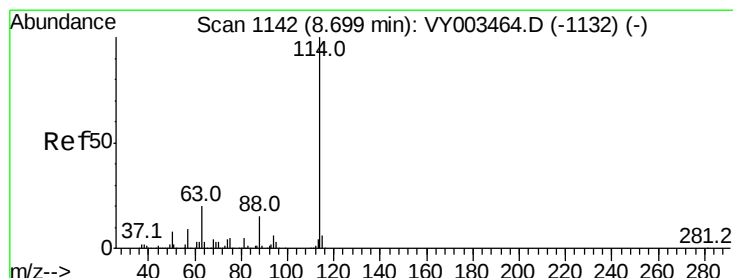
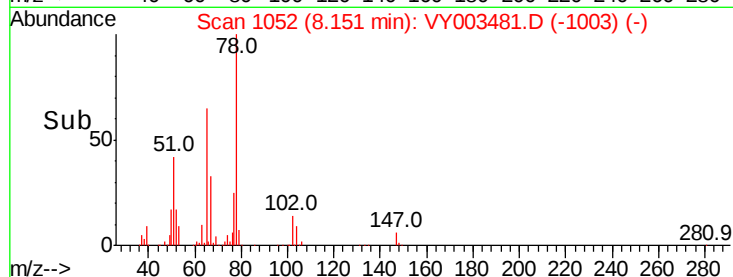
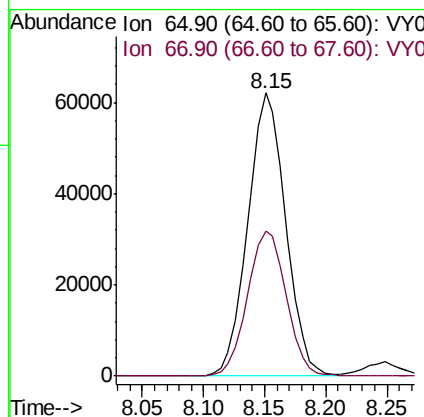
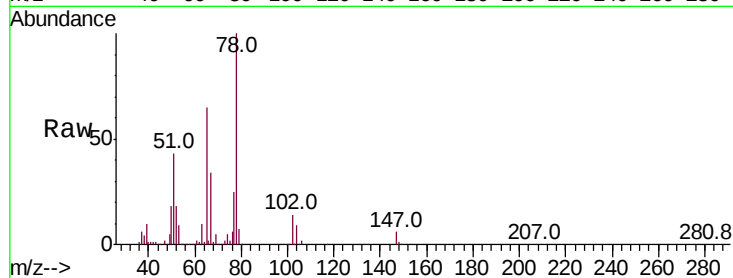




#33
 1,2-Dichloroethane-d4
 Concen: 48.322 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

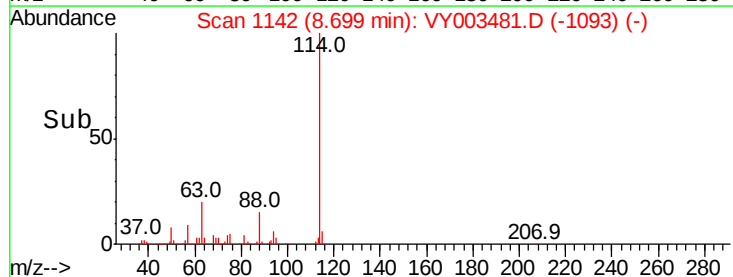
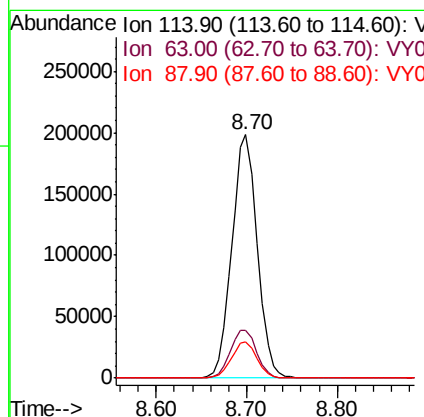
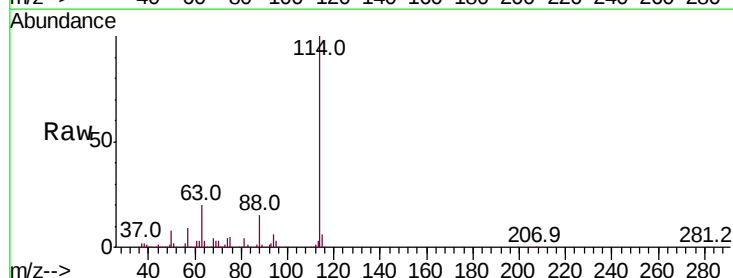
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

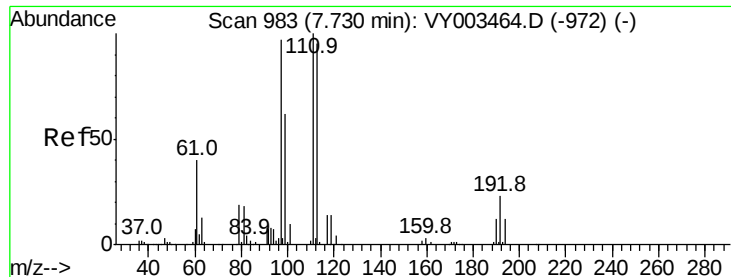
Tot Ion: 65 Resp: 133762
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion: 114 Resp: 385302
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 15.1 0.0 29.4

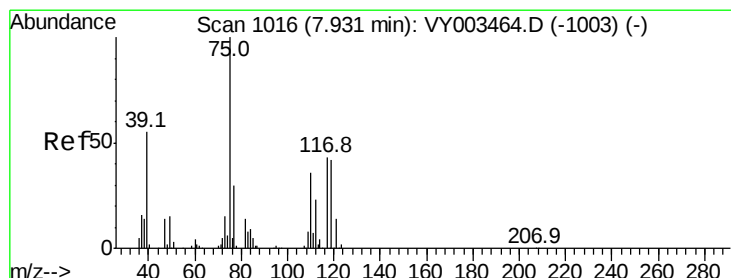
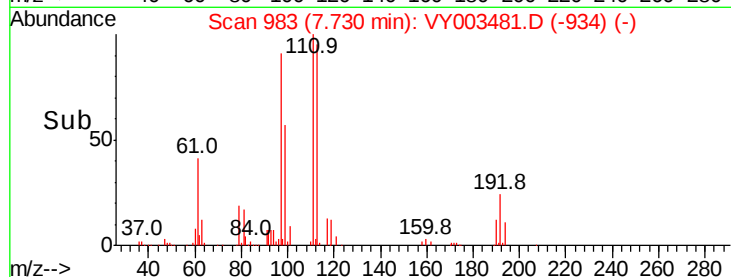
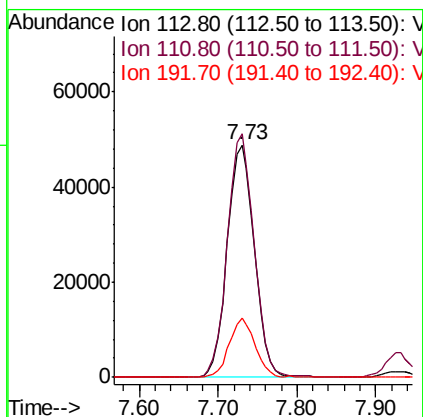
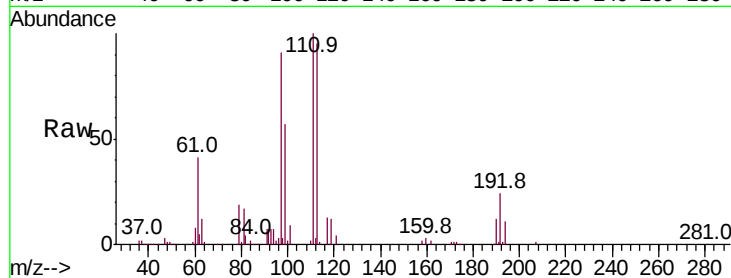




#35
 Dibromofluoromethane
 Concen: 49.961 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

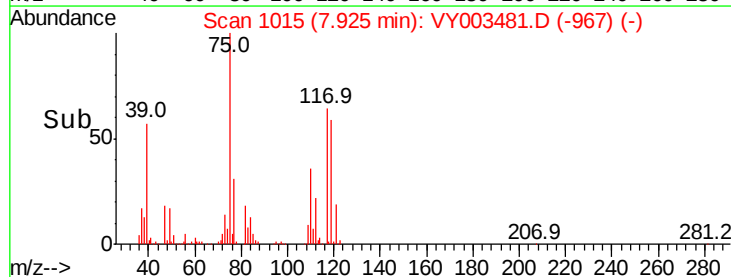
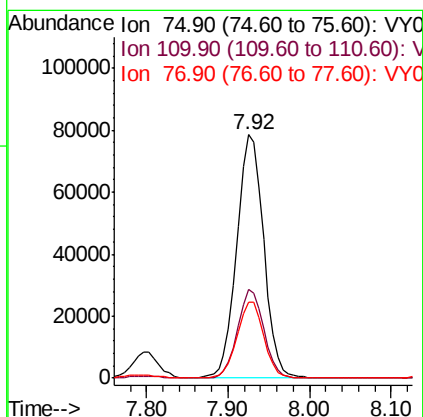
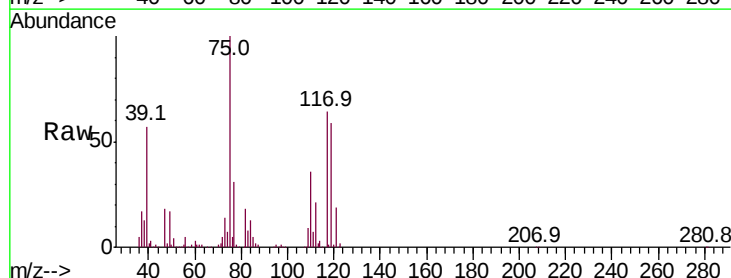
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

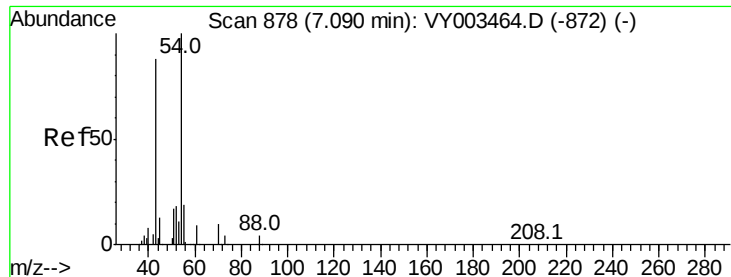
Tot Ion:113 Resp: 117141
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.8 122.6
 192 24.3 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 49.211 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion: 75 Resp: 178771
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.6 52.9
 77 31.3 24.7 37.1

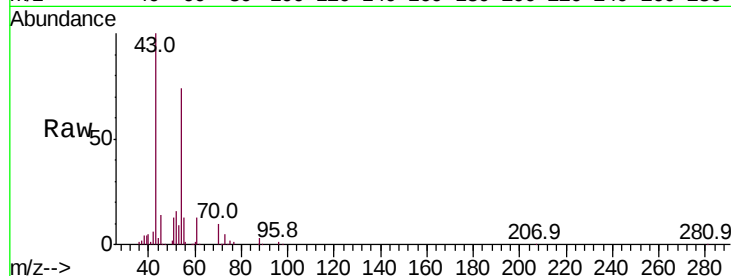




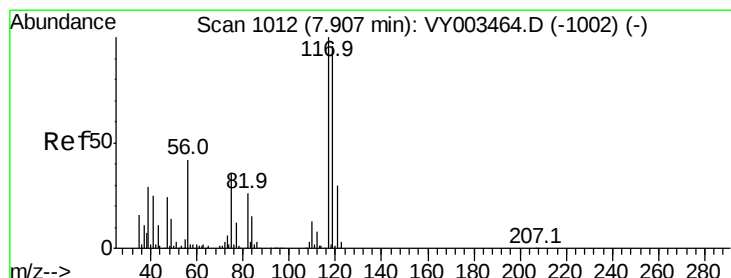
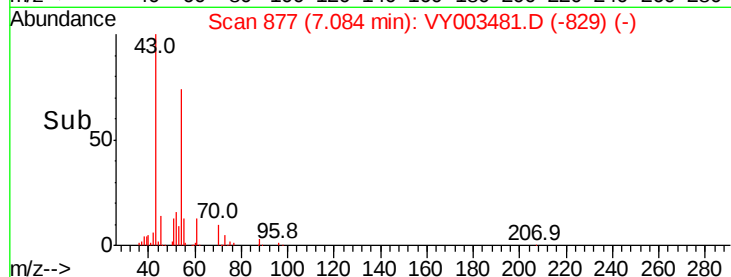
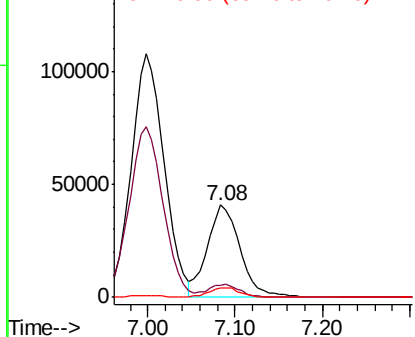
#37
Ethyl Acetate
Concen: 47.075 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 106193
Ion Ratio Lower Upper
43 100
61 13.1 11.0 16.6
70 9.9 7.9 11.9

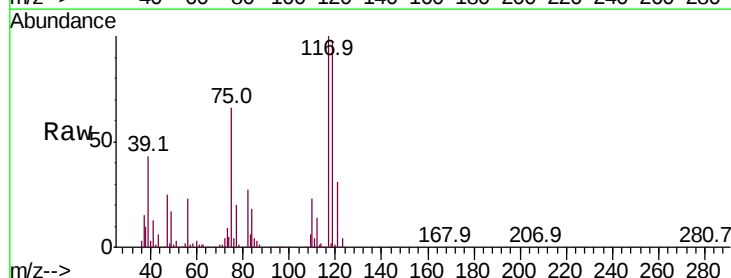


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

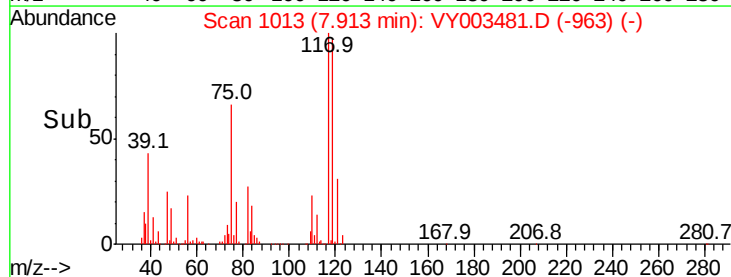
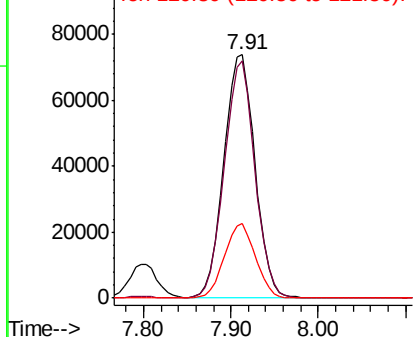


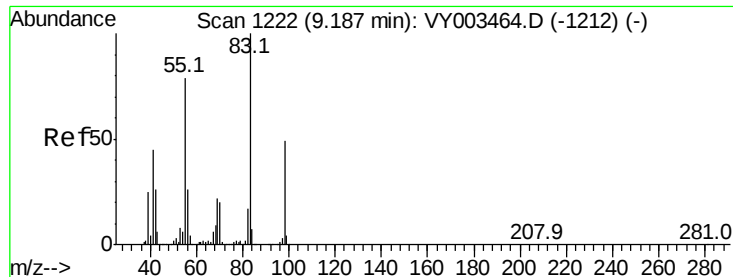
#38
Carbon Tetrachloride
Concen: 48.543 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion: 117 Resp: 182943
Ion Ratio Lower Upper
117 100
119 97.2 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

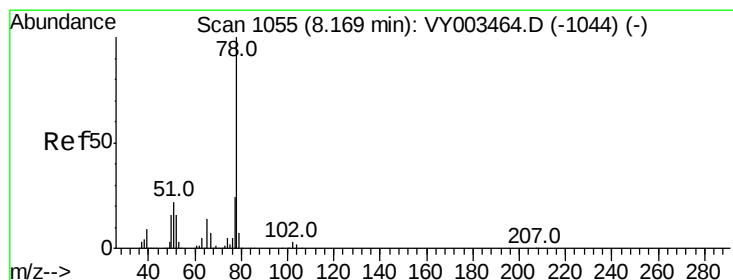
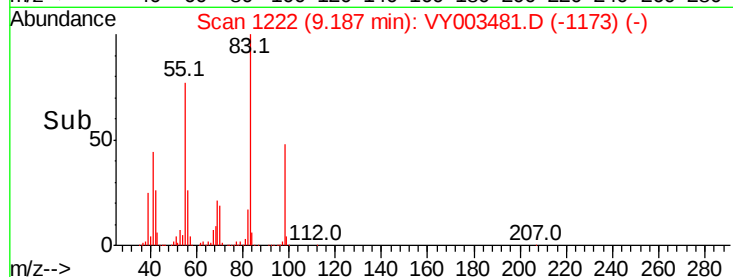
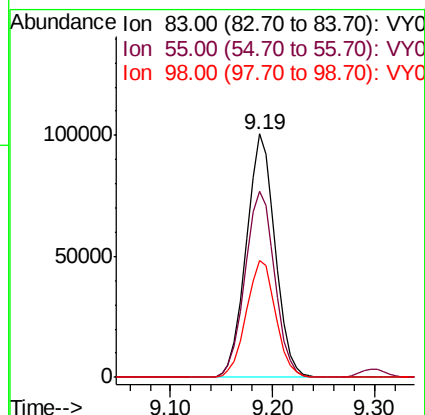
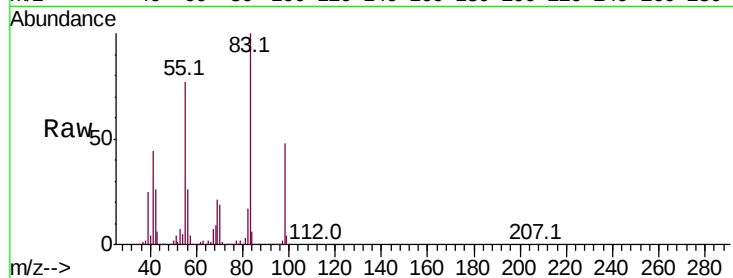




#39
Methvlcvclohexane
Concen: 48.897 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

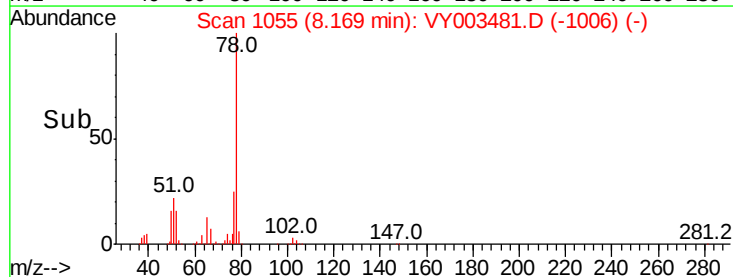
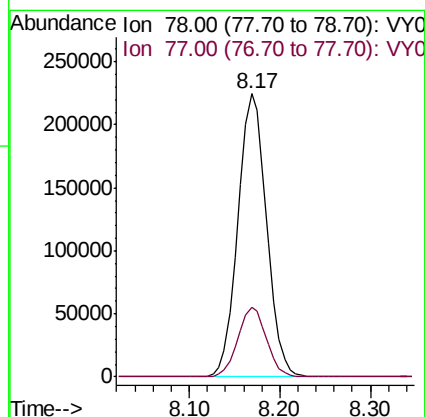
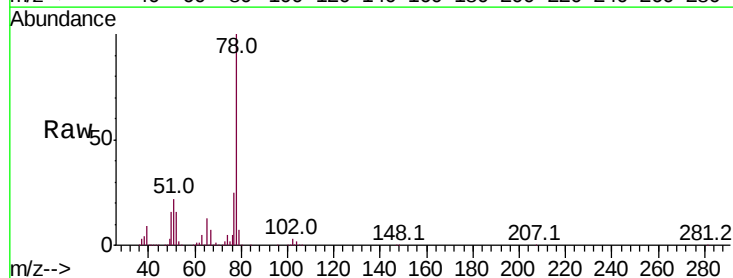
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

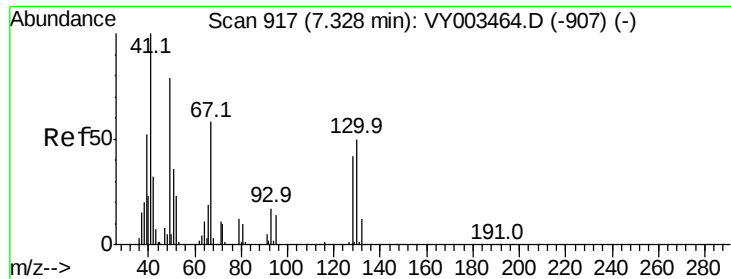
Tot Ion	83	Resp	197791
Ion Ratio	Lower	Upper	
83	100		
55	76.6	63.5	95.3
98	48.1	39.4	59.2



#40
Benzene
Concen: 48.938 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion	78	Resp	494756
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.4	29.0

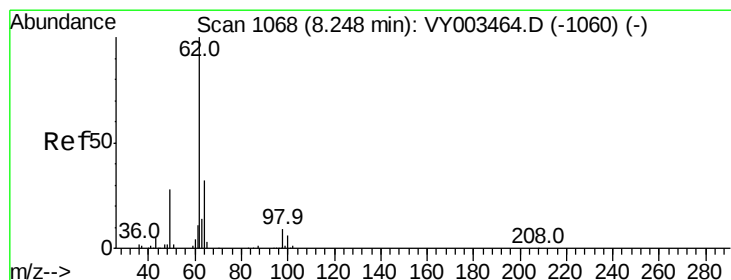
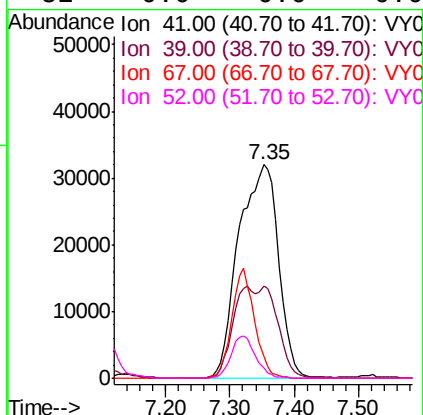
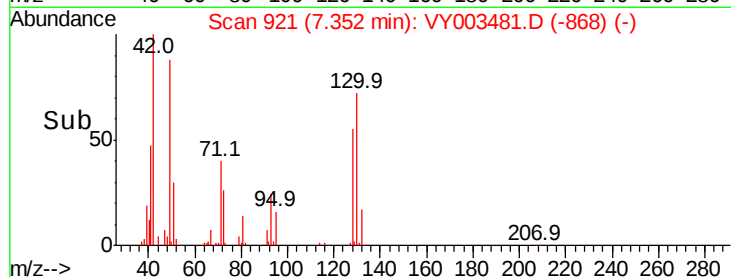
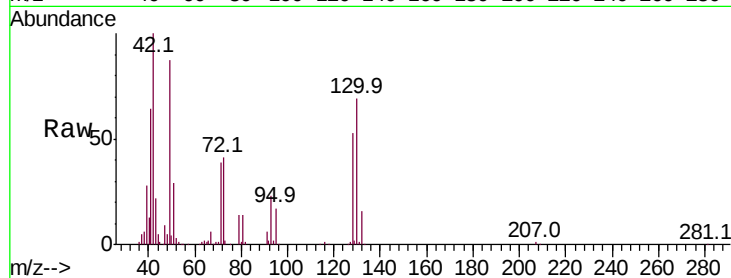




#41
Methacrylonitrile
Concen: 113.178 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

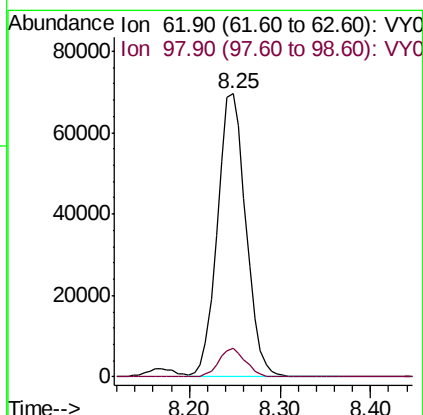
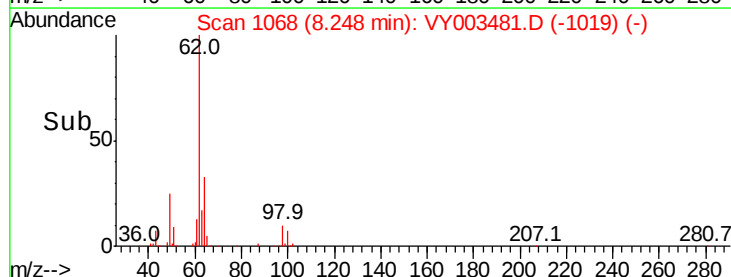
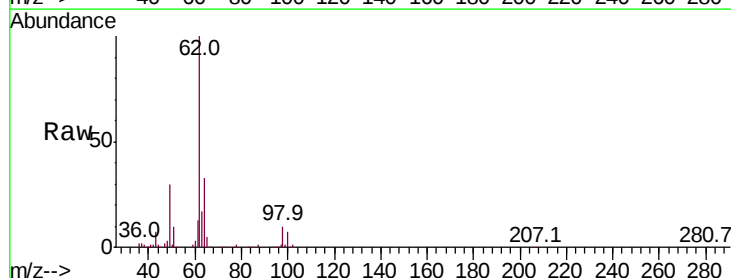
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

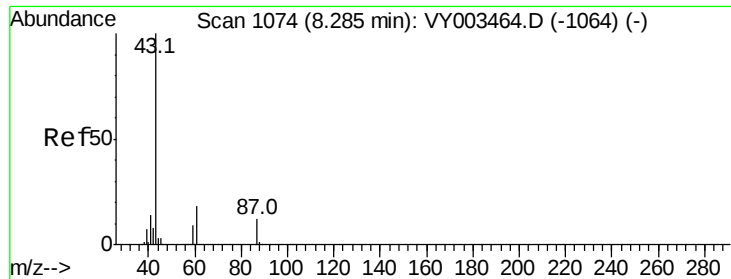
Tot Ion:	41	Resp:	136336
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.185 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion:	62	Resp:	152637
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 47.955 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

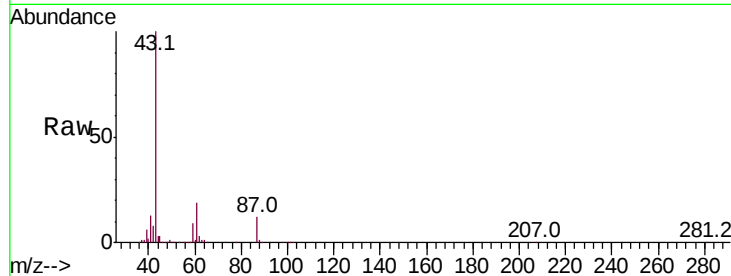
Tot Ion: 43 Resp: 194415

Ion Ratio Lower Upper

43 100

61 27.9 21.9 32.9

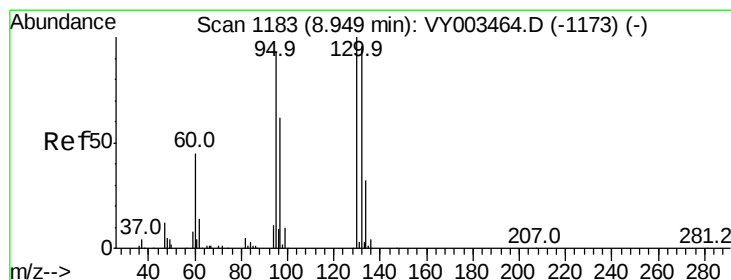
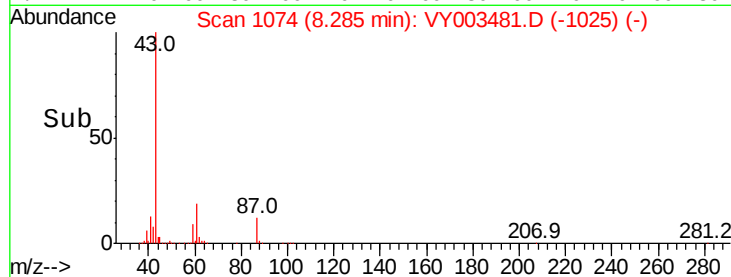
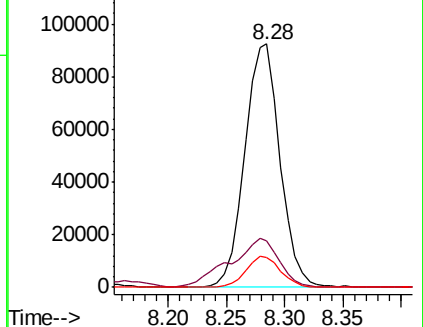
87 12.6 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VY003481.D (-1025) (-)

Ion 61.00 (60.70 to 61.70): VY003481.D (-1025) (-)

Ion 87.00 (86.70 to 87.70): VY003481.D (-1025) (-)



#44

Trichloroethene

Concen: 49.690 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY003481.D

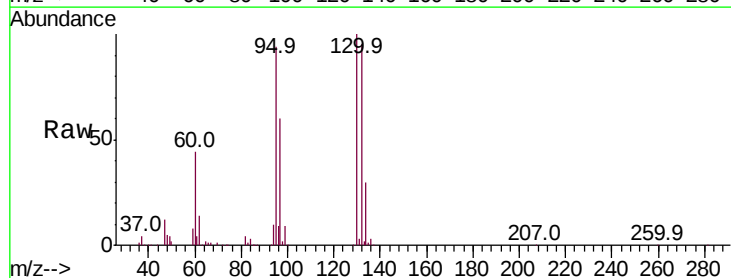
Acq: 03 Nov 2020 10:30

Tgt Ion:130 Resp: 141027

Ion Ratio Lower Upper

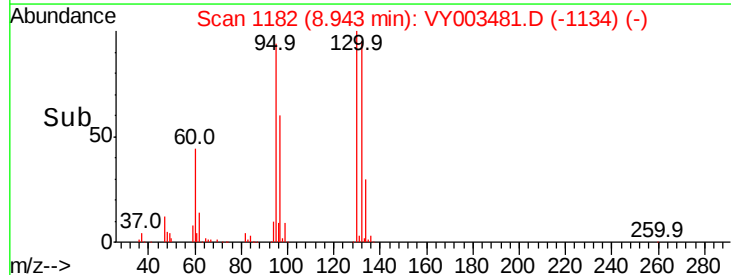
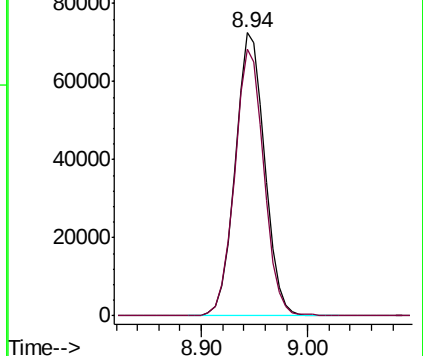
130 100

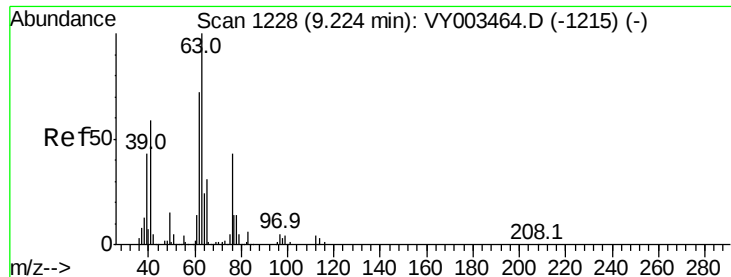
95 94.4 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003481.D (-1134) (-)

Ion 94.90 (94.60 to 95.60): VY003481.D (-1134) (-)





#45

1,2-Dichloropropane

Concen: 50.094 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

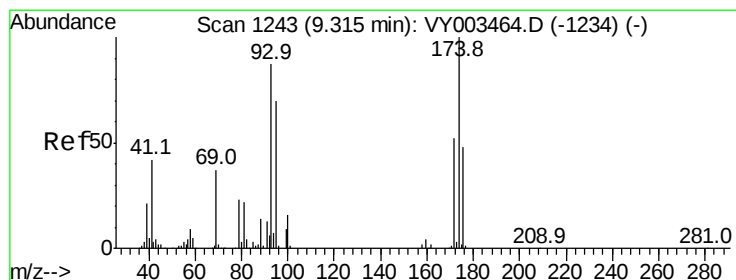
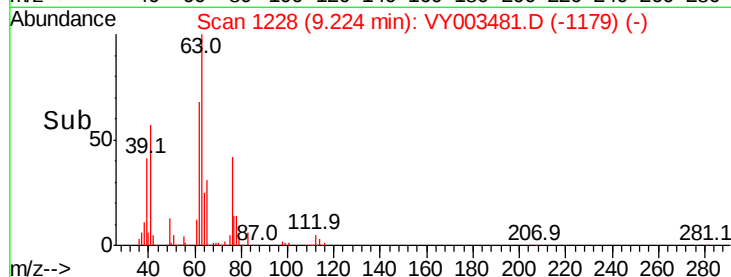
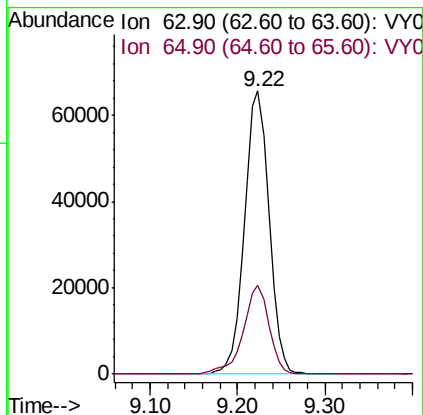
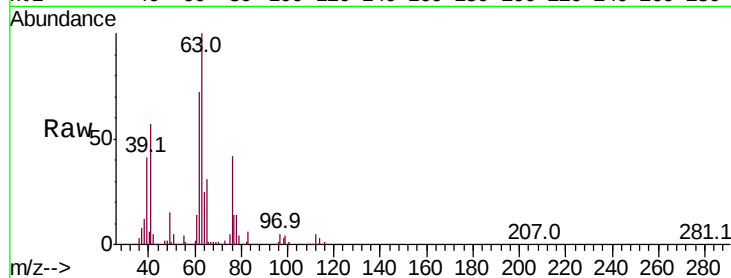
VSTDCCC050

Tot Ion: 63 Resp: 127893

Ion Ratio Lower Upper

63 100

65 31.4 24.6 36.8



#46

Dibromomethane

Concen: 49.538 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

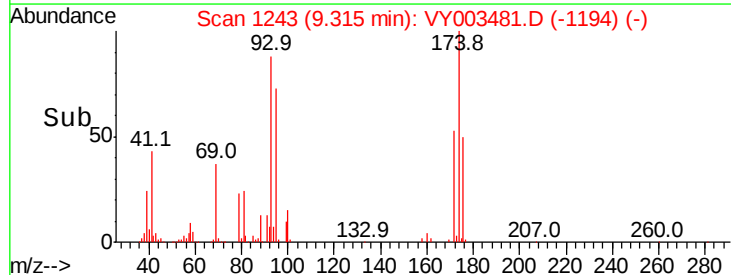
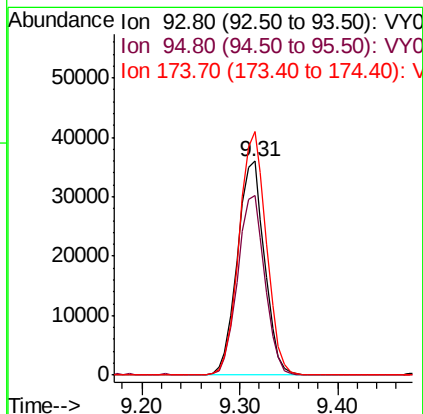
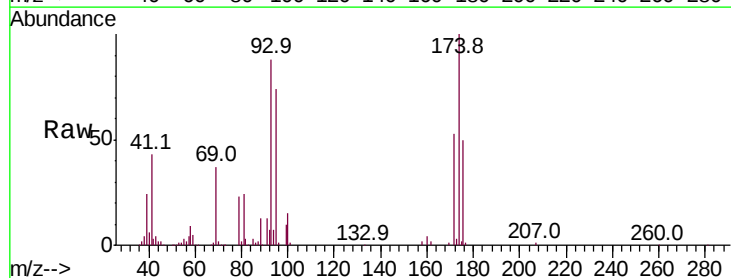
Tgt Ion: 93 Resp: 69581

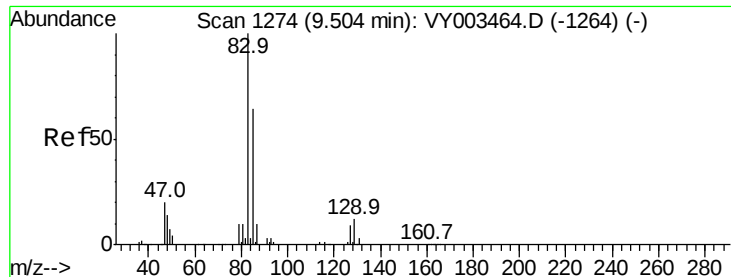
Ion Ratio Lower Upper

93 100

95 83.7 65.0 97.6

174 113.7 91.8 137.6





#47

Bromodichloromethane

Concen: 50.434 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

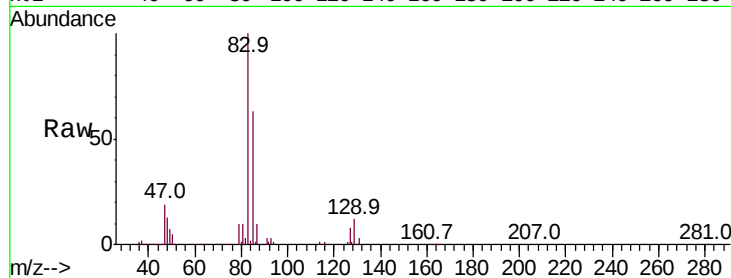
Tot Ion: 83 Resp: 173386

Ion Ratio Lower Upper

83 100

85 63.4 51.0 76.6

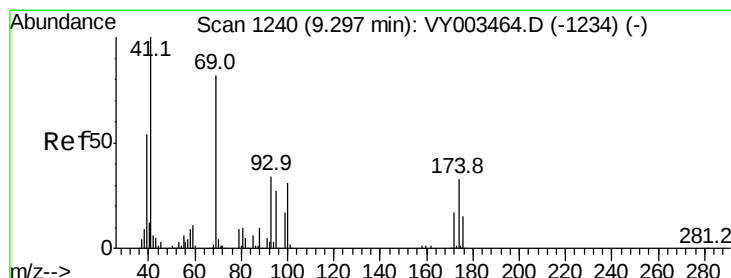
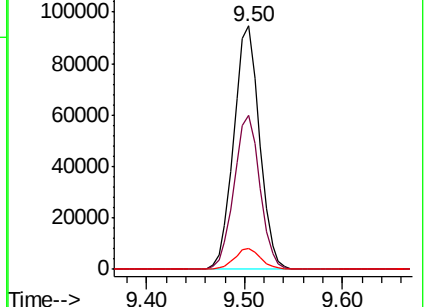
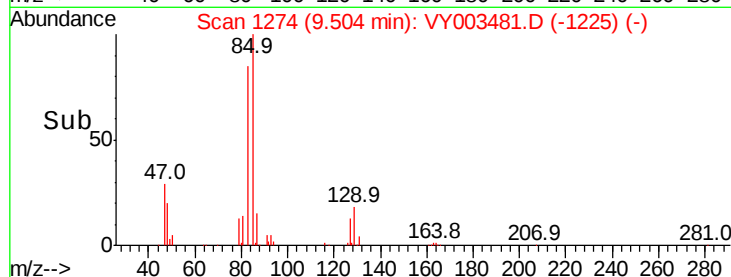
127 8.4 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY003481.D (-1225) (-)

Ion 84.90 (84.60 to 85.60): VY003481.D (-1225) (-)

Ion 126.80 (126.50 to 127.50): VY003481.D (-1225) (-)



#48

Methyl methacrylate

Concen: 47.790 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

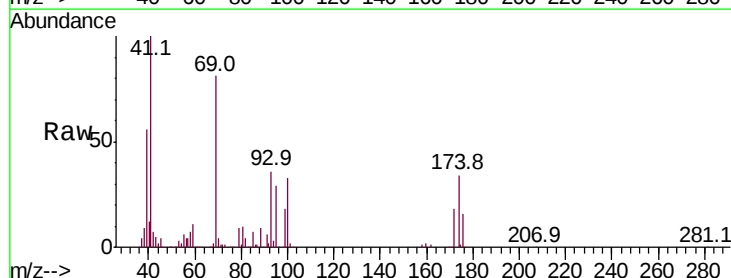
Tgt Ion: 41 Resp: 91265

Ion Ratio Lower Upper

41 100

69 85.6 65.9 98.9

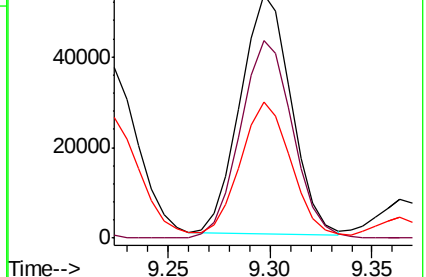
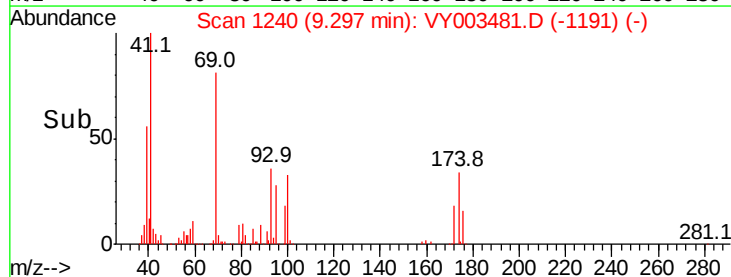
39 58.1 43.2 64.8

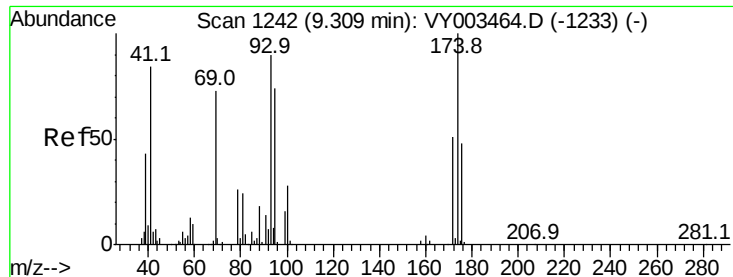


Abundance Ion 41.00 (40.70 to 41.70): VY003481.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY003481.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY003481.D (-1191) (-)

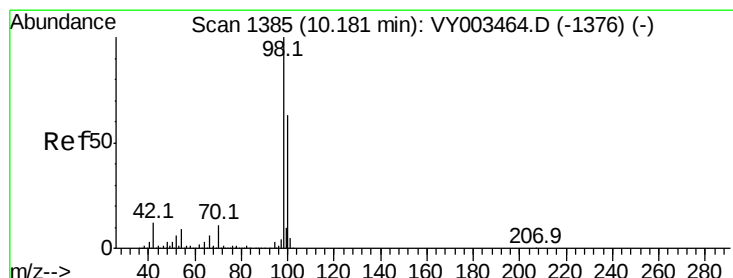
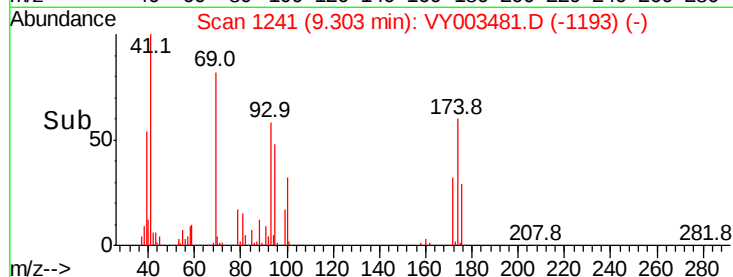
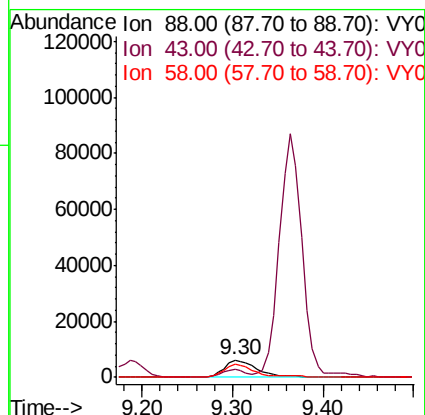
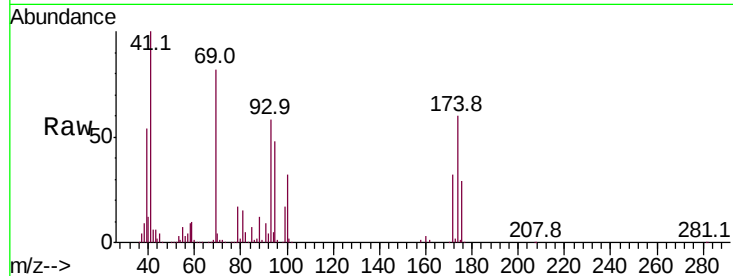




#49
 1,4-Dioxane
 Concen: 913.222 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

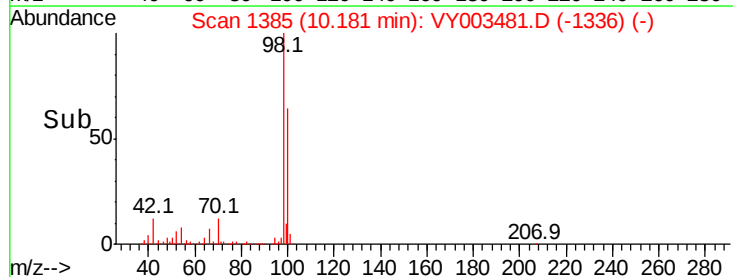
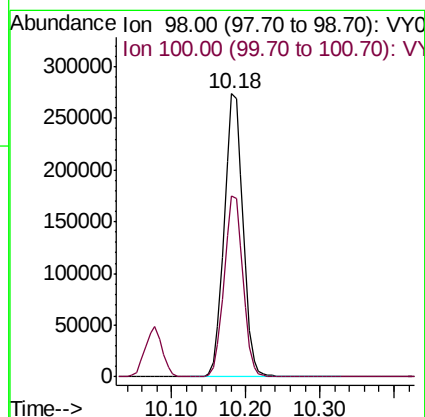
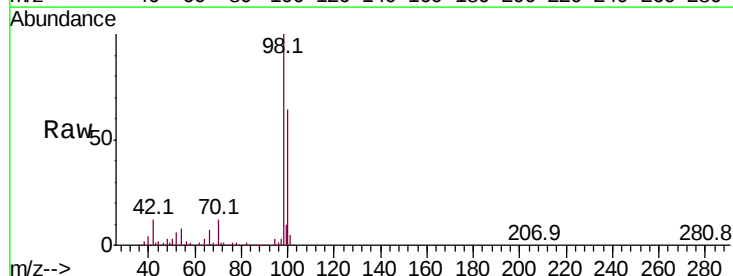
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

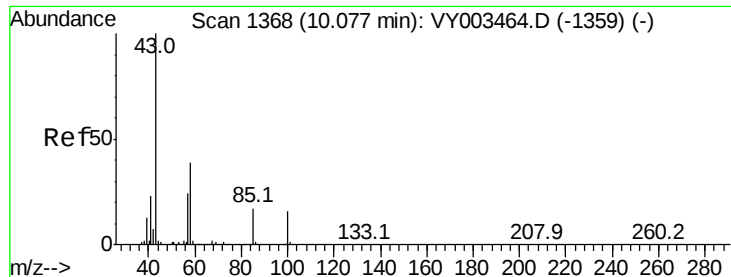
Tot Ion: 88 Resp: 16005
 Ion Ratio Lower Upper
 88 100
 43 31.9 27.6 41.4
 58 65.7 54.2 81.2



#50
 Toluene-d8
 Concen: 49.273 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion: 98 Resp: 480611
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 240.917 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

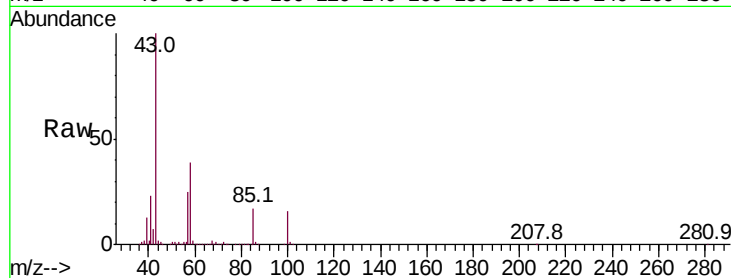
VSTDCCC050

Tot Ion: 43 Resp: 520383

Ion Ratio Lower Upper

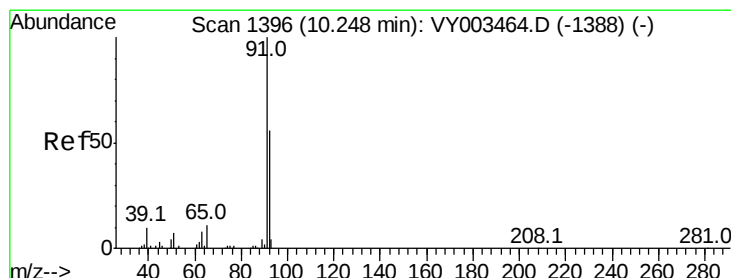
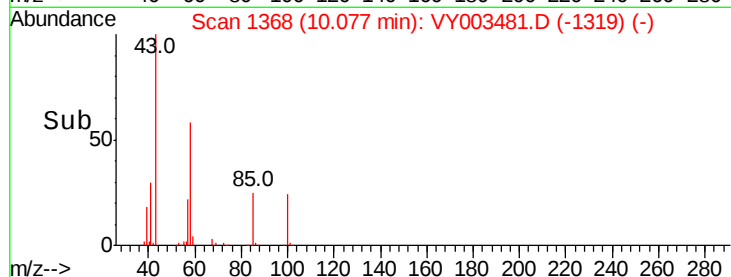
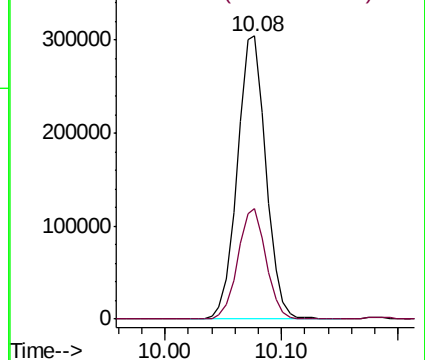
43 100

58 38.8 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: 50.199 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY003481.D

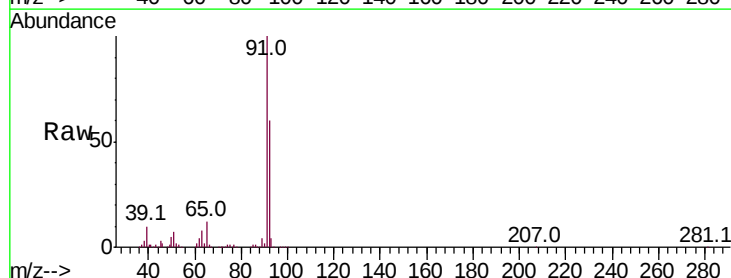
Acq: 03 Nov 2020 10:30

Tgt Ion: 92 Resp: 317418

Ion Ratio Lower Upper

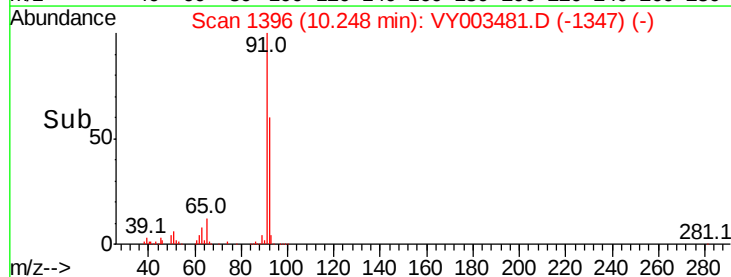
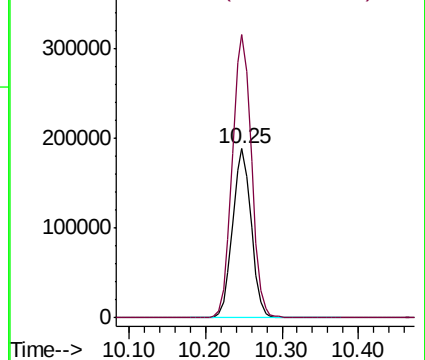
92 100

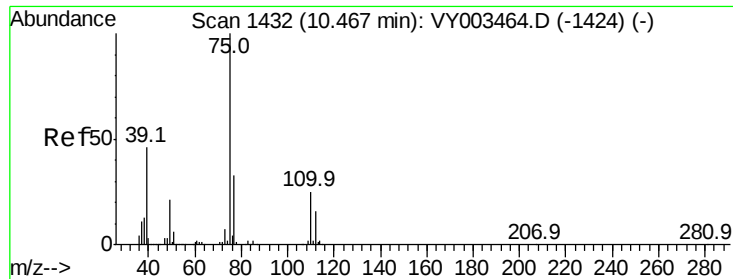
91 172.6 140.2 210.4



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: 50.429 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

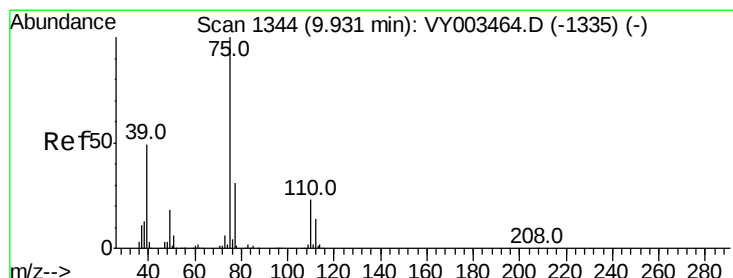
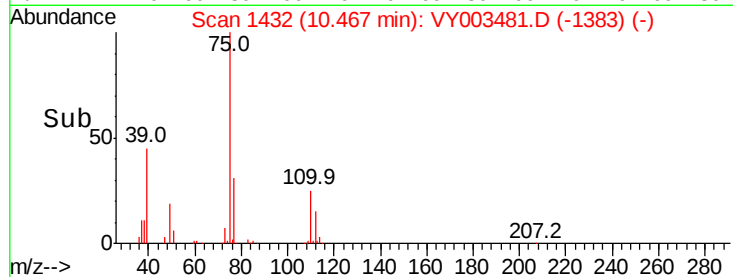
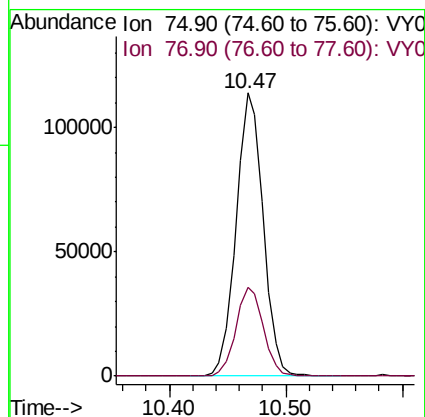
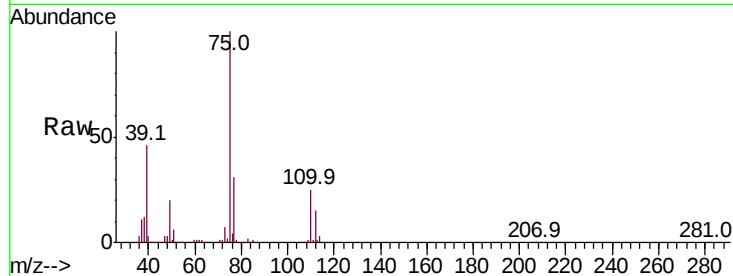
VSTDCCC050

Tot Ion: 75 Resp: 184500

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 50.677 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

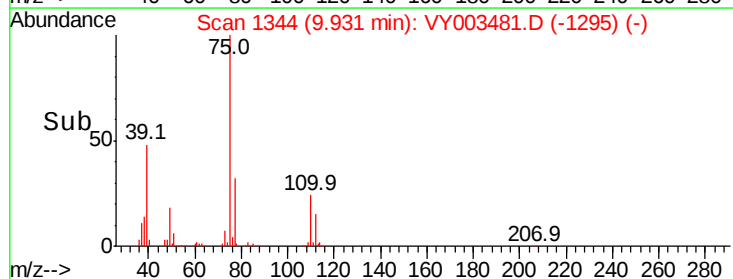
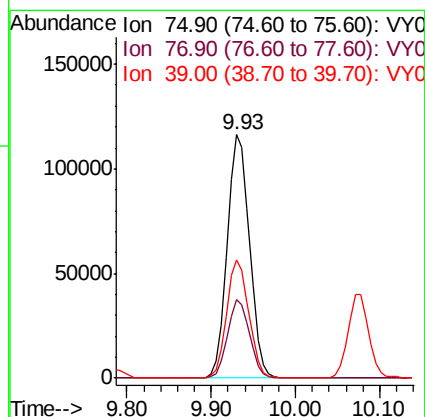
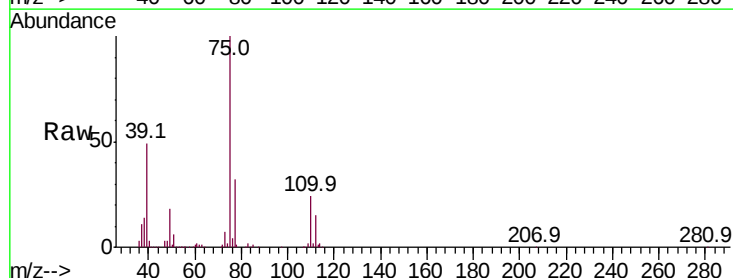
Tgt Ion: 75 Resp: 208636

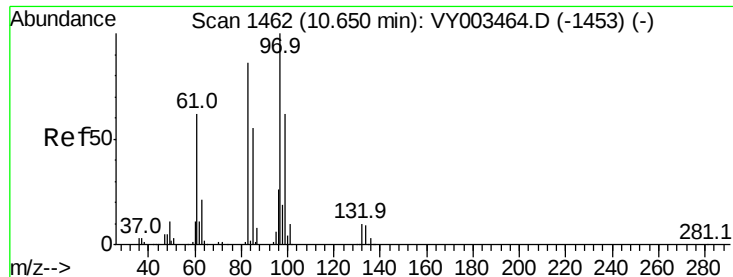
Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7

39 48.6 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 49.656 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

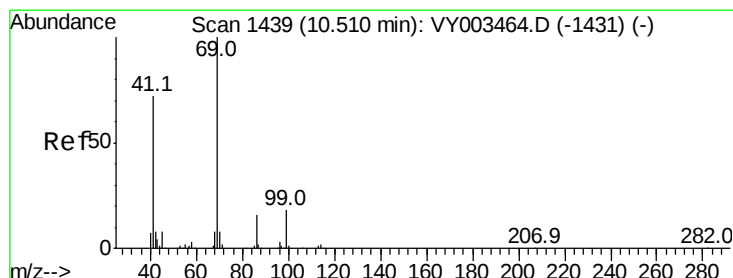
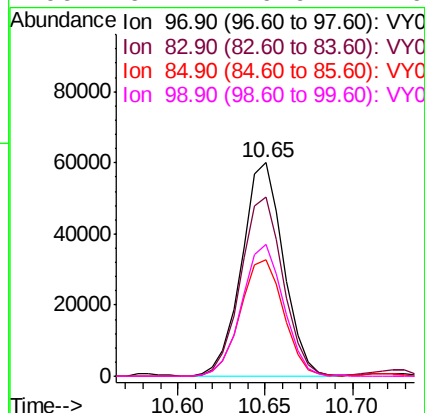
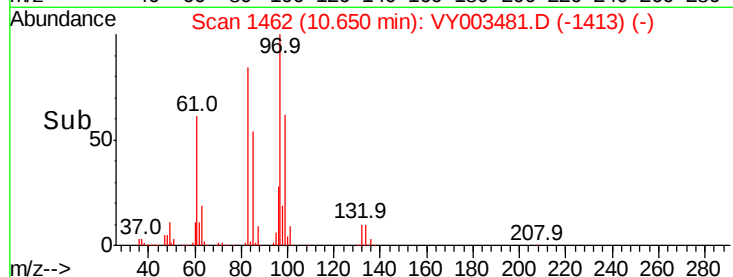
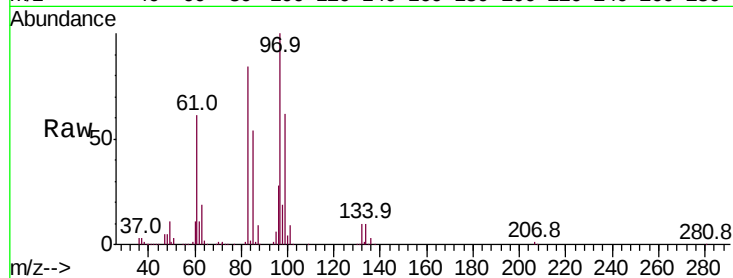
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 99008

Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.6	102.8
85	54.4	43.8	65.6
99	61.7	49.9	74.9



#56

Ethyl methacrylate

Concen: 51.188 ug/l

RT: 10.51 min Scan# 1439

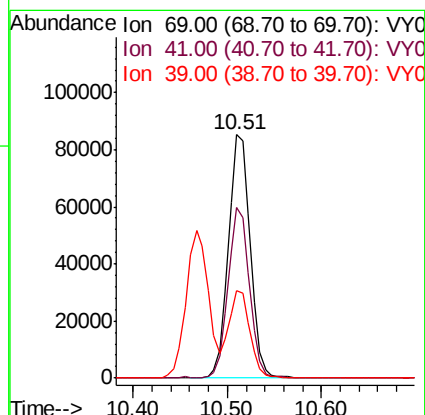
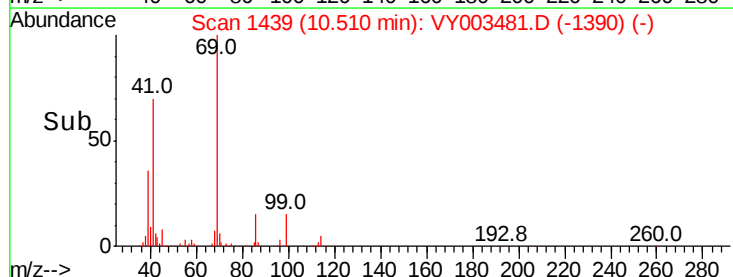
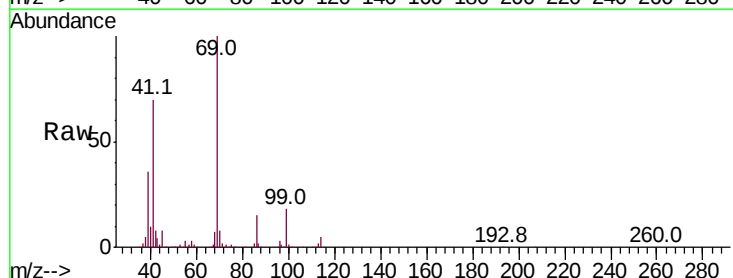
Delta R.T. -0.00 min

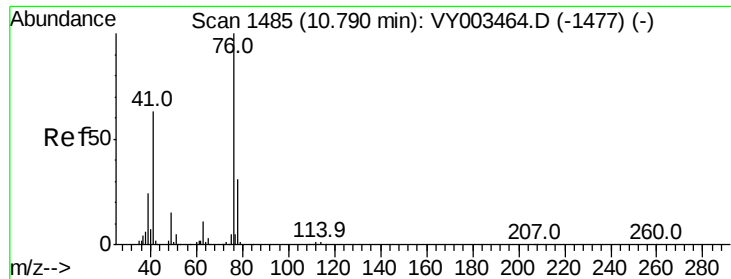
Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion: 69 Resp: 136706

Ion	Ratio	Lower	Upper
69	100		
41	68.0	55.4	83.2
39	35.1	28.7	43.1





#57

1,3-Dichloropropane

Concen: 50.394 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

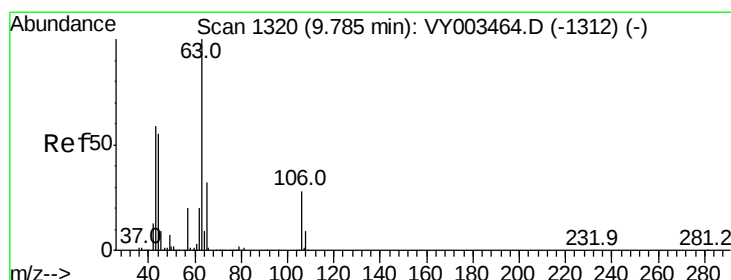
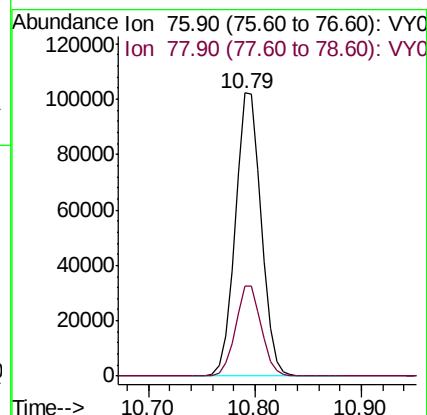
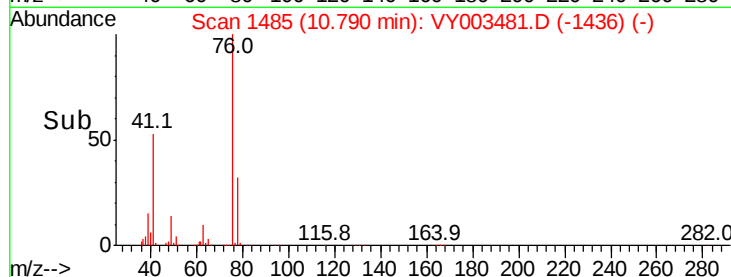
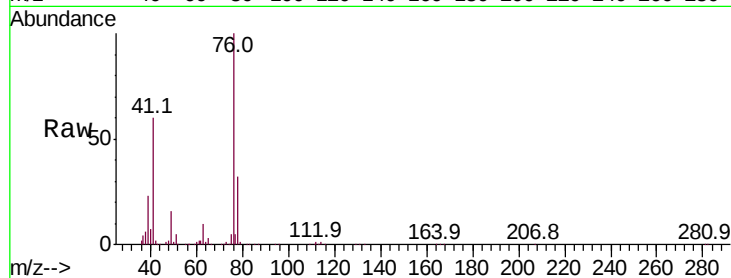
VSTDCCC050

Tot Ion: 76 Resp: 174718

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 248.740 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003481.D

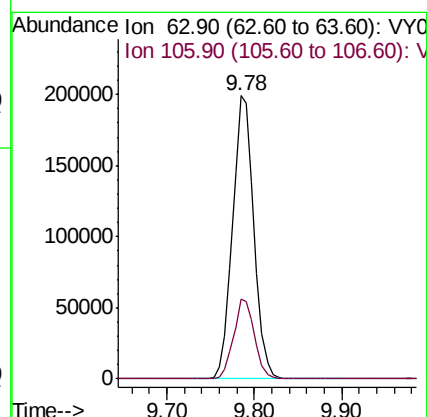
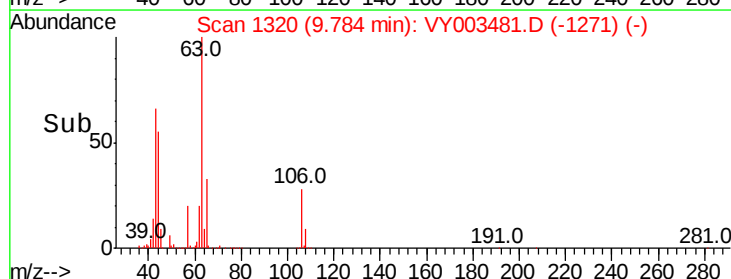
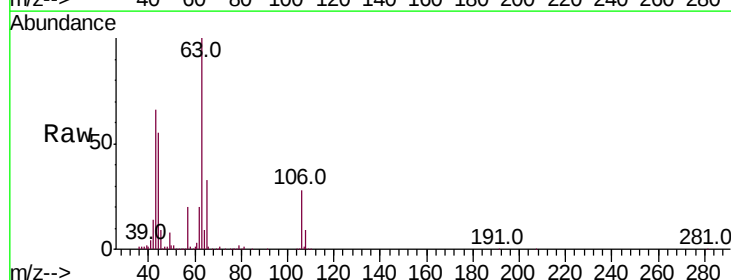
Acq: 03 Nov 2020 10:30

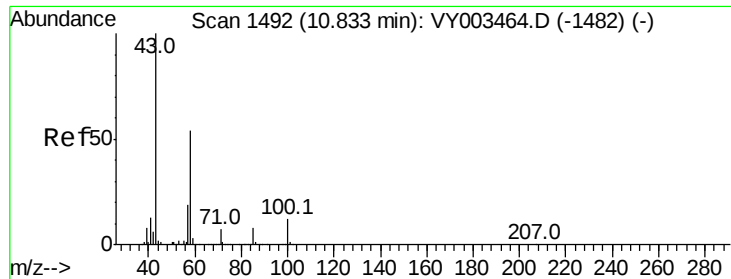
Tgt Ion: 63 Resp: 336764

Ion Ratio Lower Upper

63 100

106 27.7 22.3 33.5

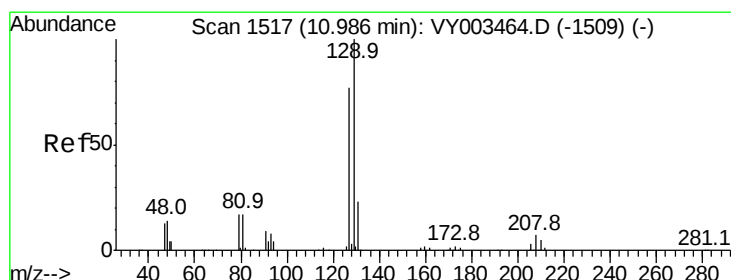
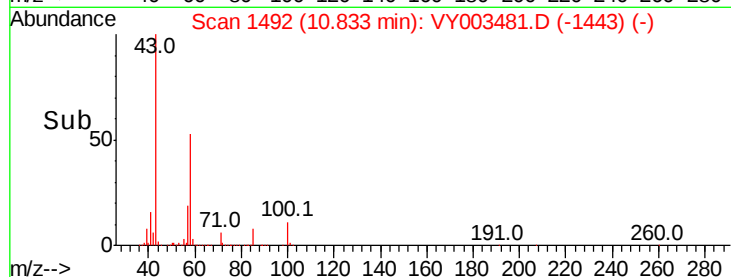
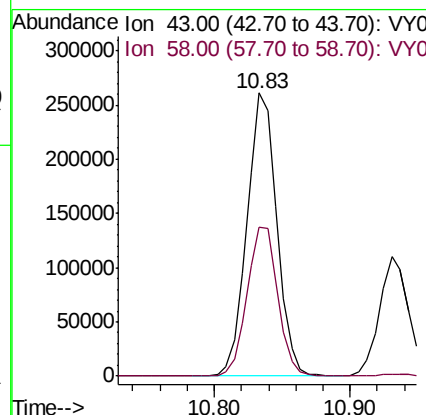
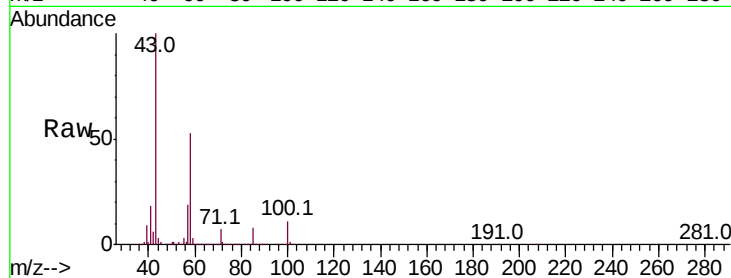




#59
2-Hexanone
Concen: 250.914 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

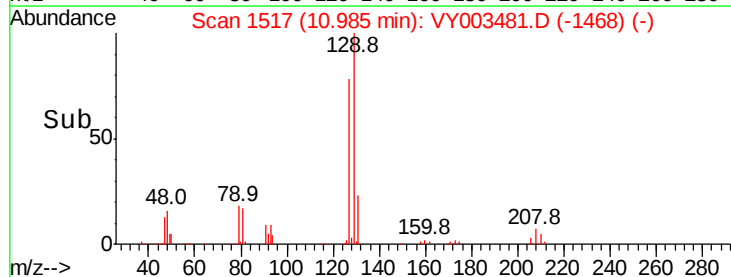
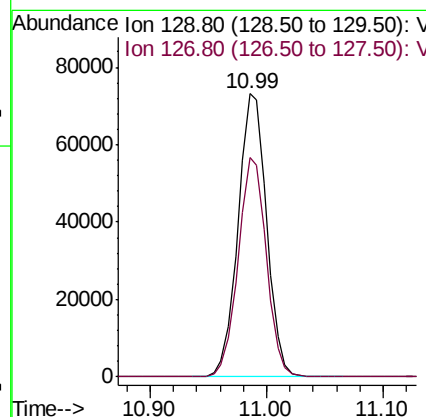
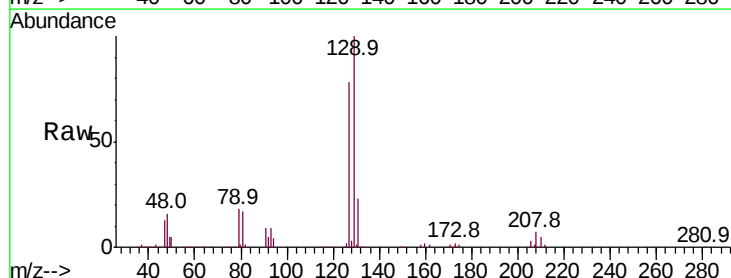
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

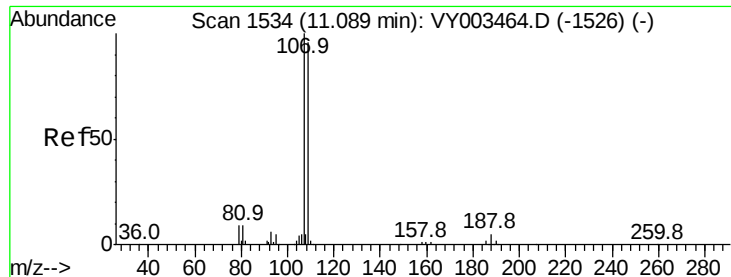
Tot Ion: 43 Resp: 401283
Ion Ratio Lower Upper
43 100
58 54.3 26.8 80.3



#60
Dibromochloromethane
Concen: 51.103 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion: 129 Resp: 125234
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.075 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

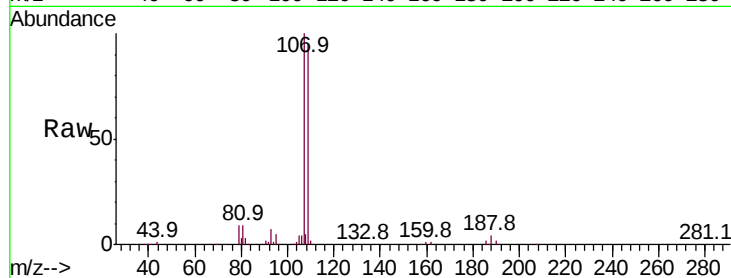
VSTDCCC050

Tot Ion:107 Resp: 96392

Ion Ratio Lower Upper

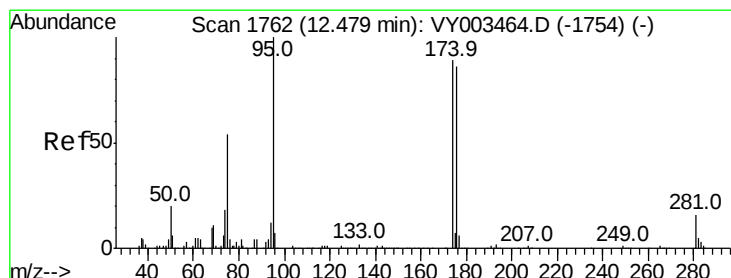
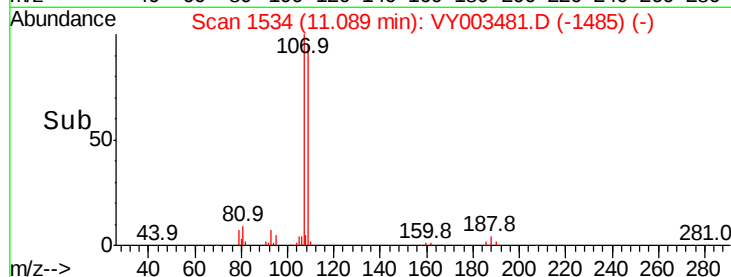
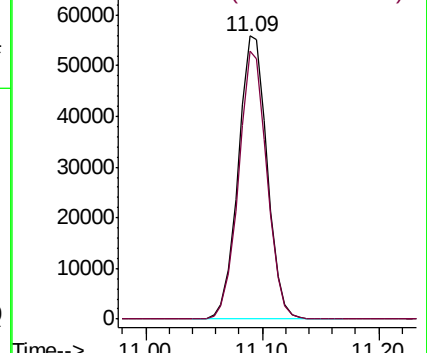
107 100

109 92.9 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.349 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

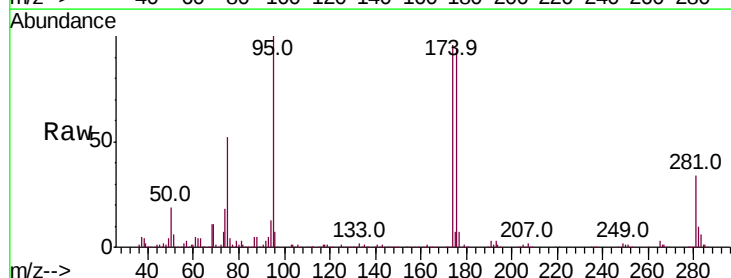
Tgt Ion: 95 Resp: 162717

Ion Ratio Lower Upper

95 100

174 94.0 0.0 193.0

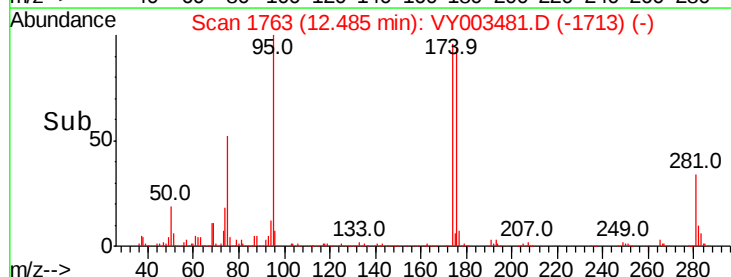
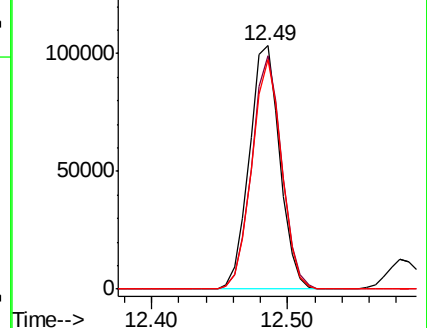
176 92.1 0.0 187.4

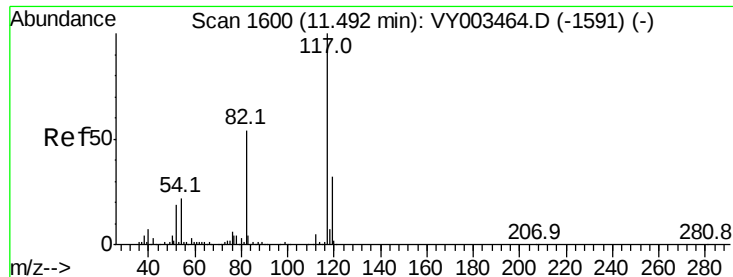


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

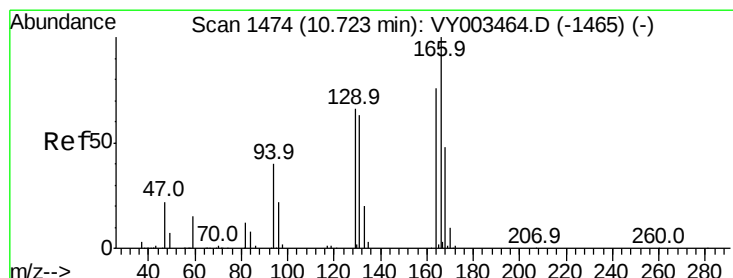
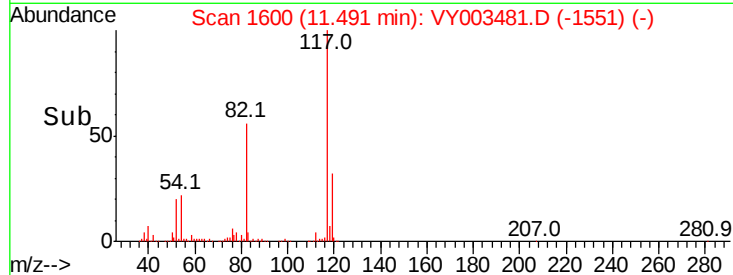
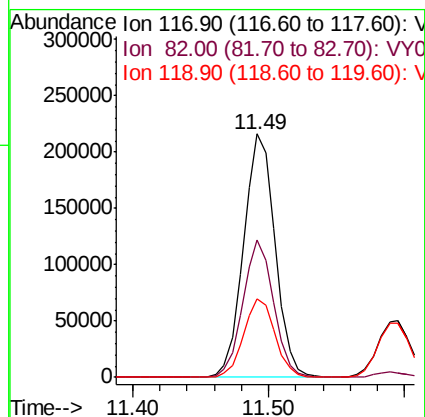
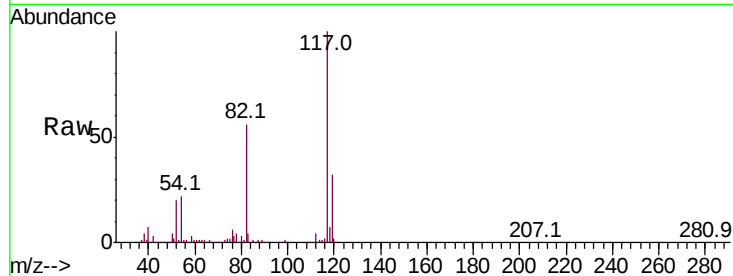




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

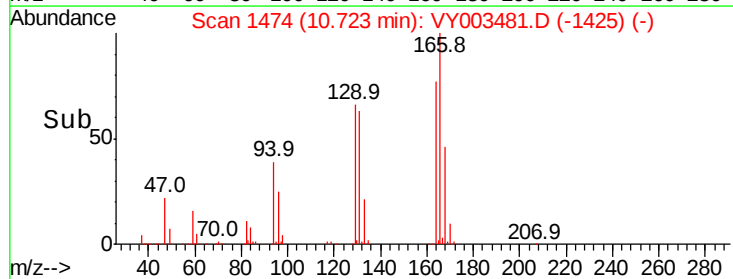
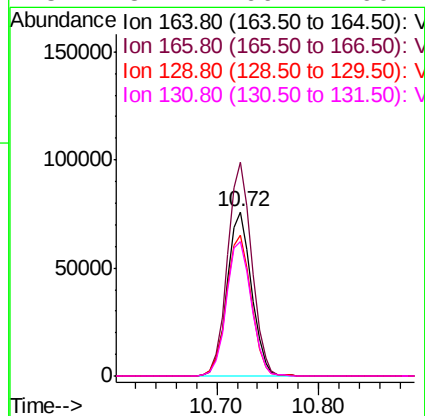
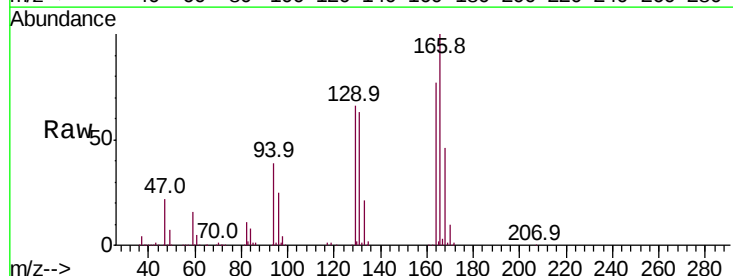
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

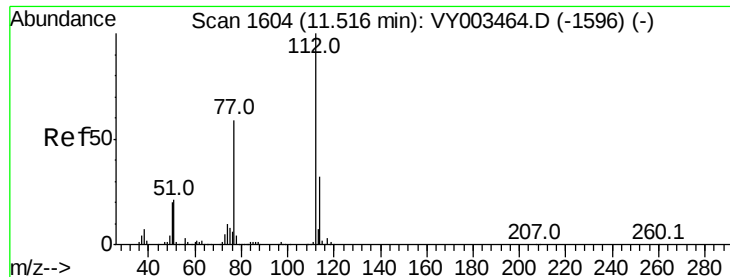
Tot Ion:117 Resp: 349788
Ion Ratio Lower Upper
117 100
82 56.2 43.4 65.2
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 47.730 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion:164 Resp: 124683
Ion Ratio Lower Upper
164 100
166 130.0 104.9 157.3
129 85.8 68.9 103.3
131 81.4 66.2 99.2





#65

Chlorobenzene

Concen: 49.848 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

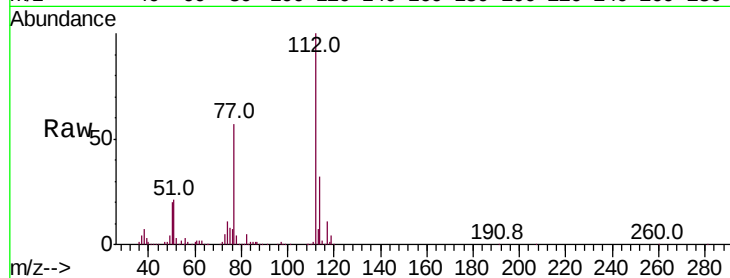
VSTDCCC050

Tot Ion:112 Resp: 338742

Ion Ratio Lower Upper

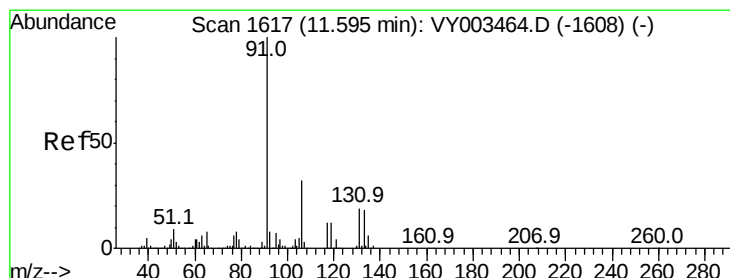
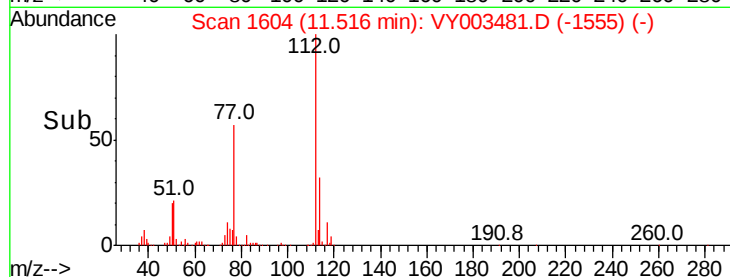
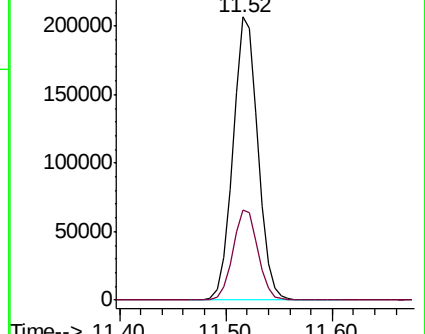
112 100

114 31.9 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.307 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

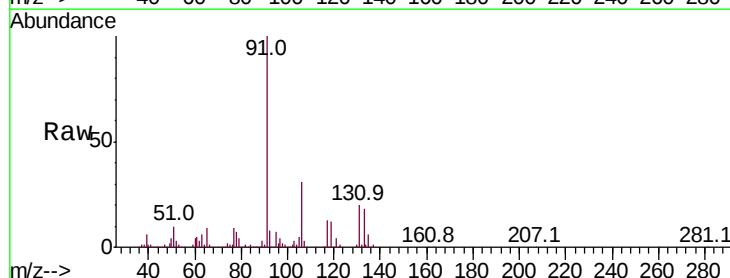
Tgt Ion:131 Resp: 128926

Ion Ratio Lower Upper

131 100

133 94.6 47.4 142.2

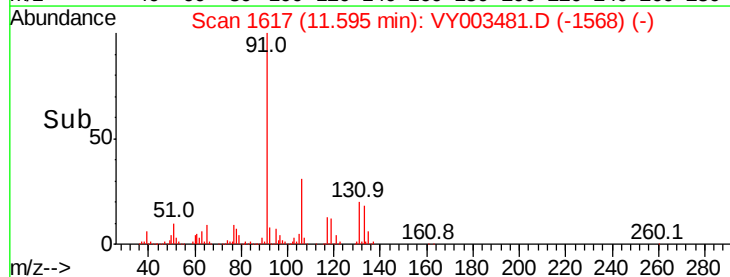
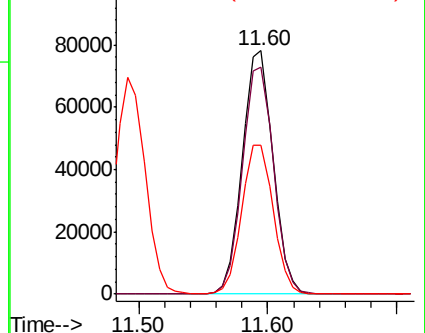
119 62.8 31.6 95.0

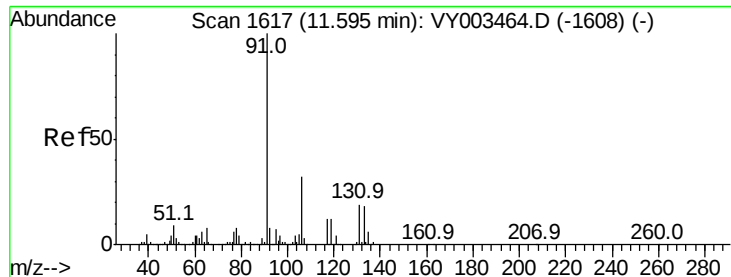


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.612 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

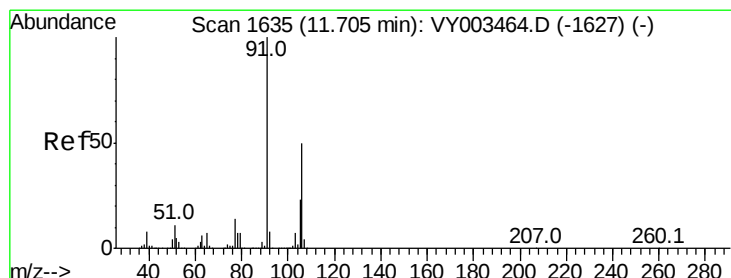
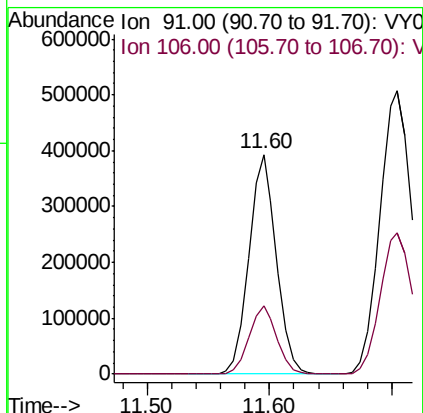
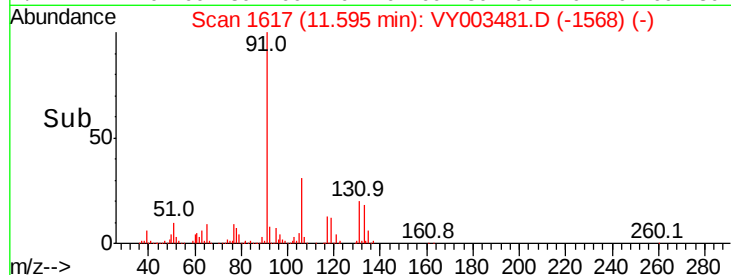
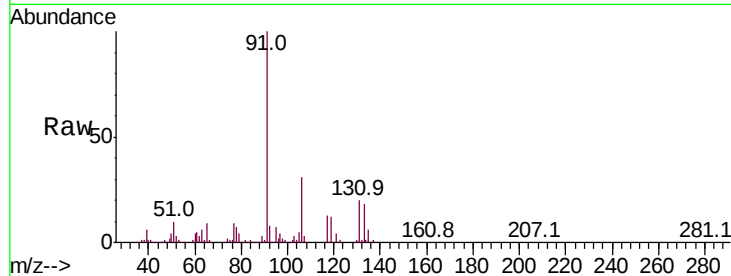
VSTDCCC050

Tot Ion: 91 Resp: 611333

Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.0



#68

m/p-Xylenes

Concen: 99.957 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY003481.D

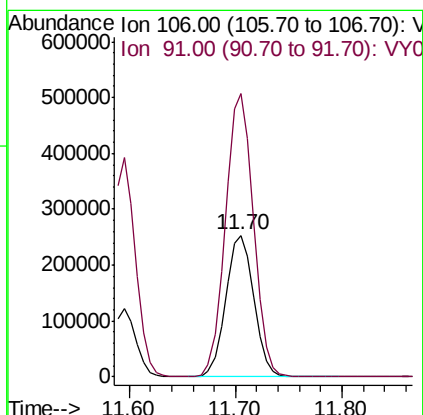
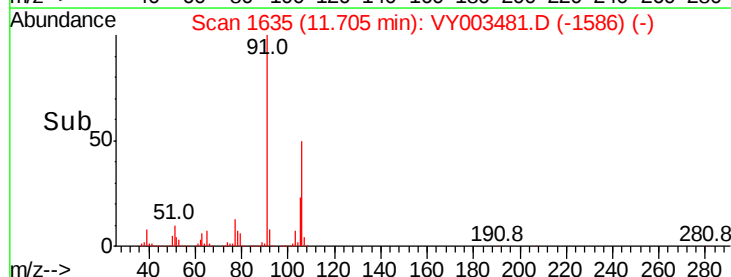
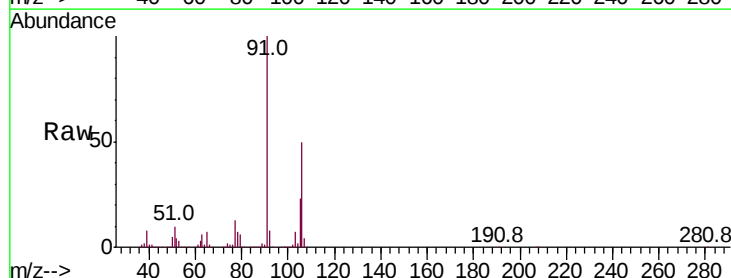
Acq: 03 Nov 2020 10:30

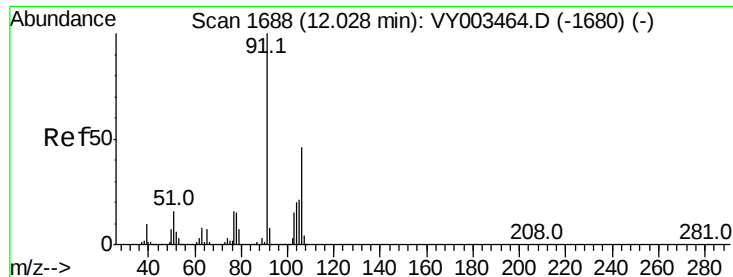
Tgt Ion: 106 Resp: 466755

Ion Ratio Lower Upper

106 100

91 200.0 161.0 241.6

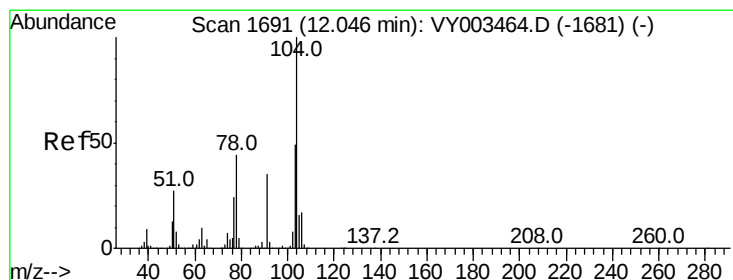
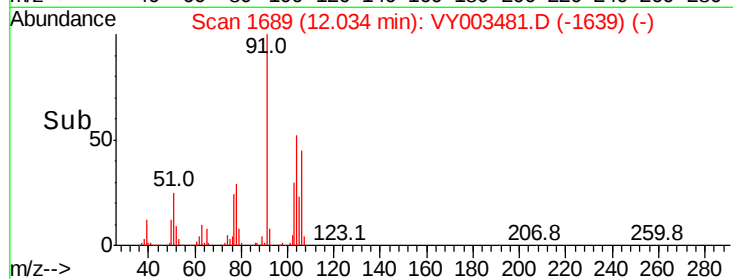
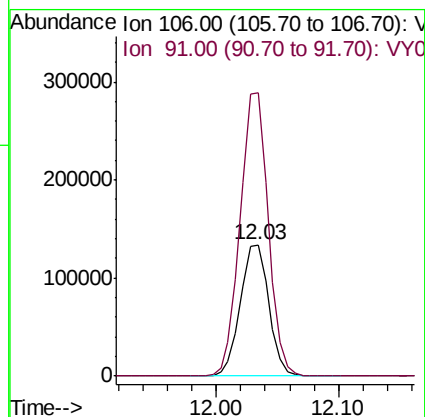
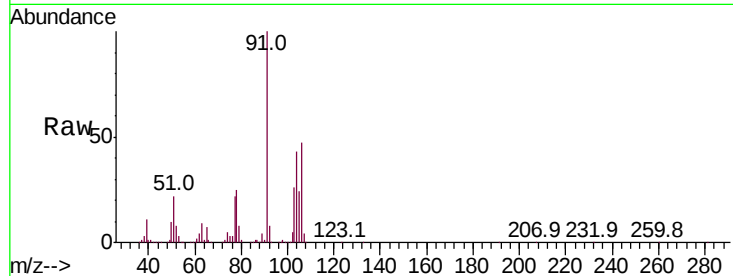




#69
o-Xylene
Concen: 50.349 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

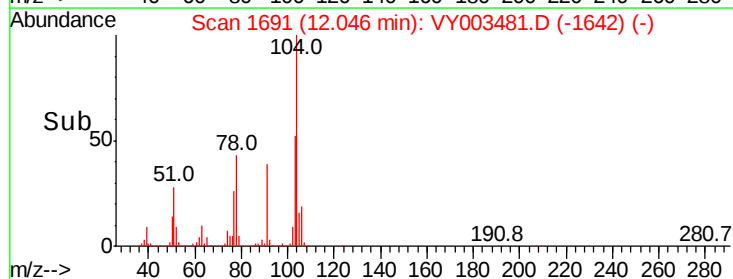
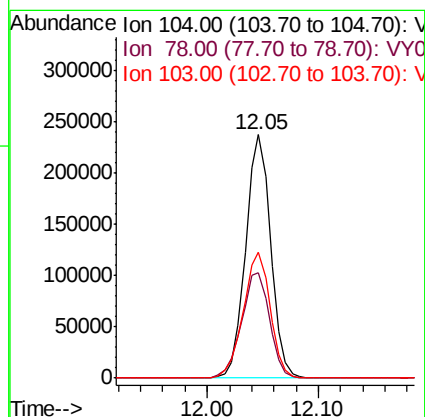
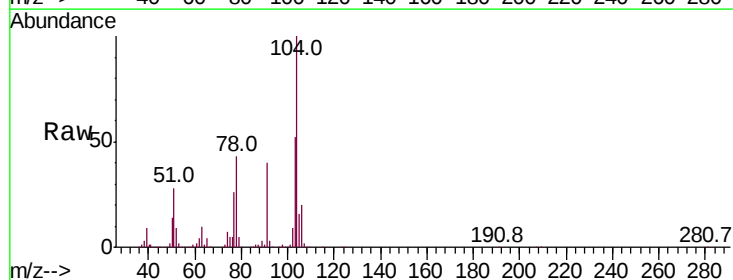
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

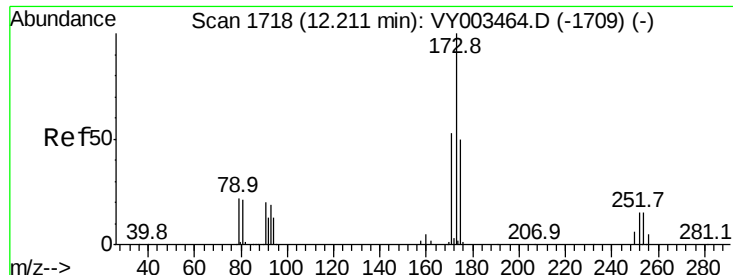
Tot Ion:106 Resp: 216271
Ion Ratio Lower Upper
106 100
91 213.2 105.5 316.5



#70
Styrene
Concen: 50.867 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY003481.D
Acq: 03 Nov 2020 10:30

Tgt Ion:104 Resp: 370986
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 55.5 44.2 66.2





#71

Bromoform

Concen: 49.726 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

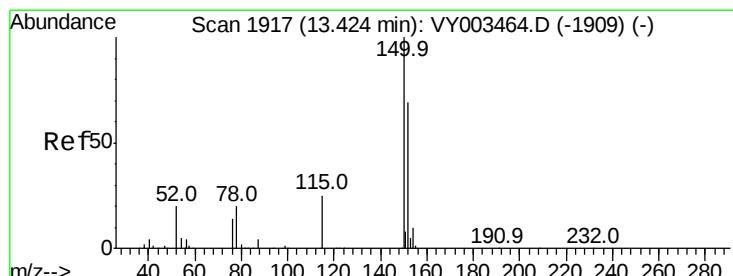
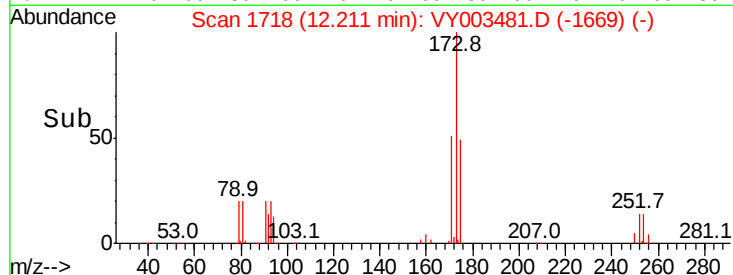
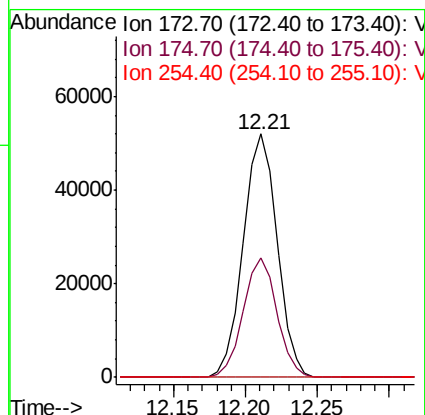
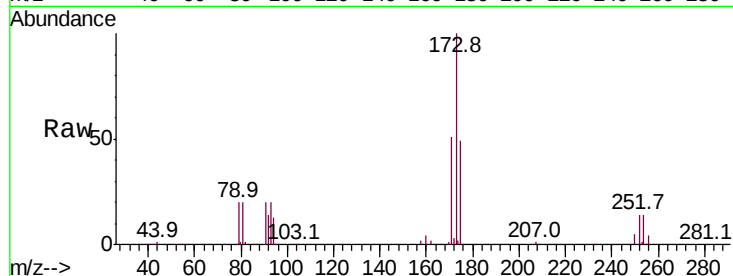
Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 84942

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.7	74.1
254	0.2	0.2	0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

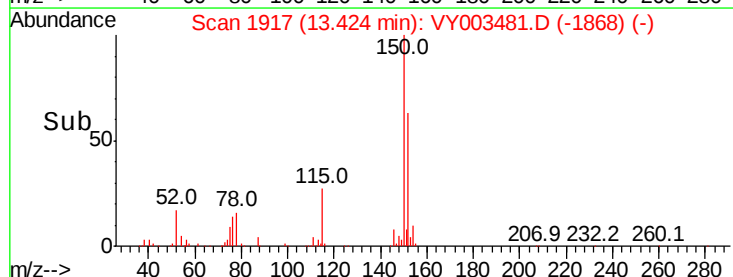
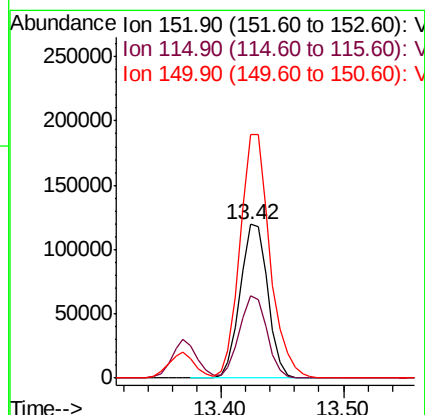
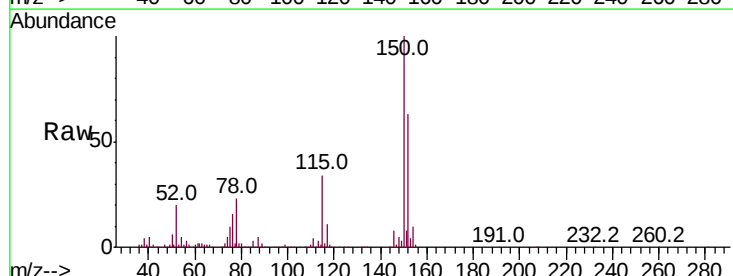
Delta R.T. -0.00 min

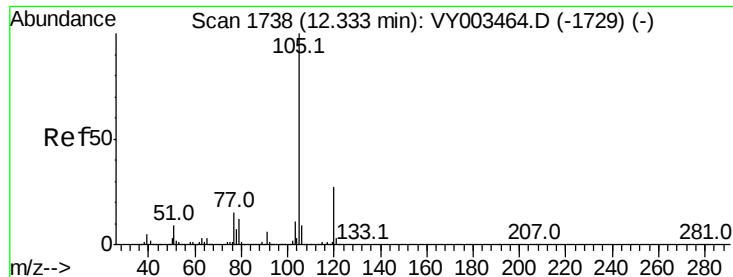
Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion:152 Resp: 186520

Ion	Ratio	Lower	Upper
152	100		
115	53.3	27.5	82.4
150	171.1	0.0	345.8





#73

Isopropylbenzene

Concen: 48.765 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

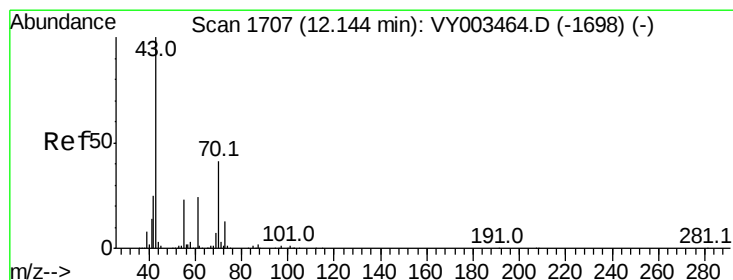
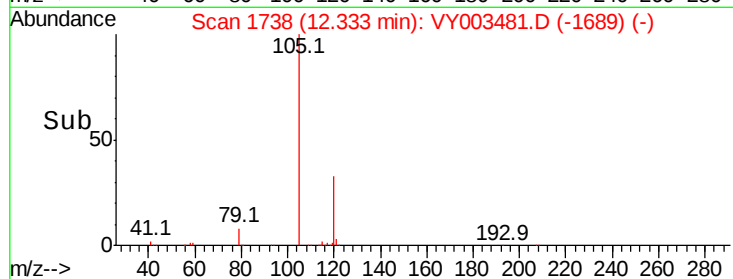
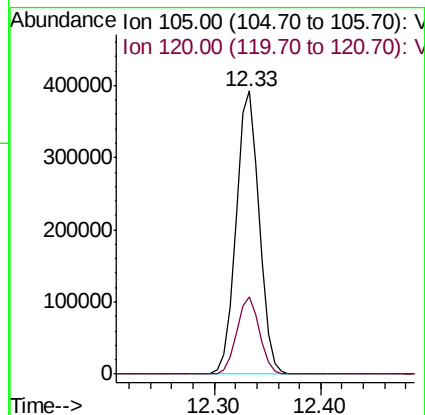
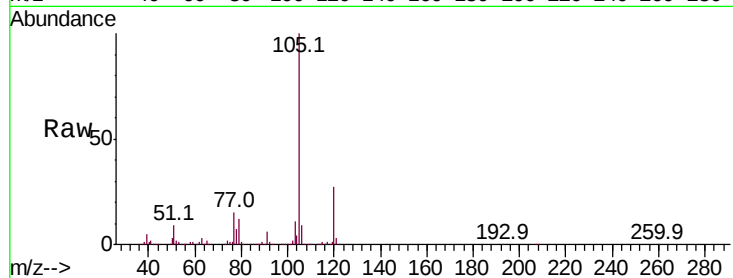
VSTDCCC050

Tot Ion:105 Resp: 594160

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#74

N-ethyl acetate

Concen: 48.307 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion: 43 Resp: 166719

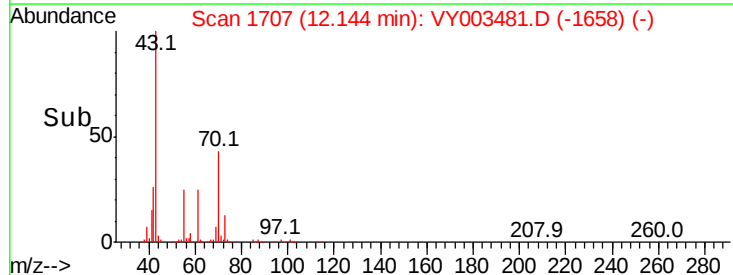
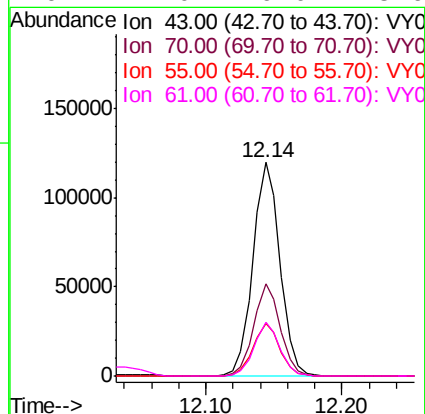
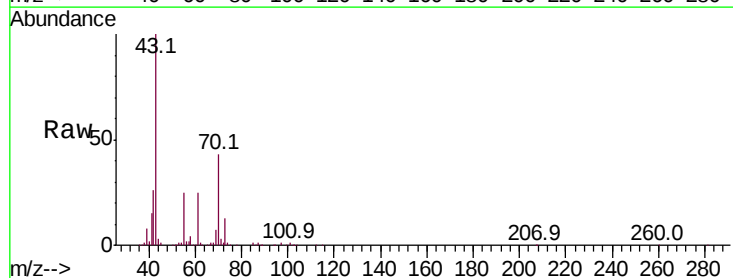
Ion Ratio Lower Upper

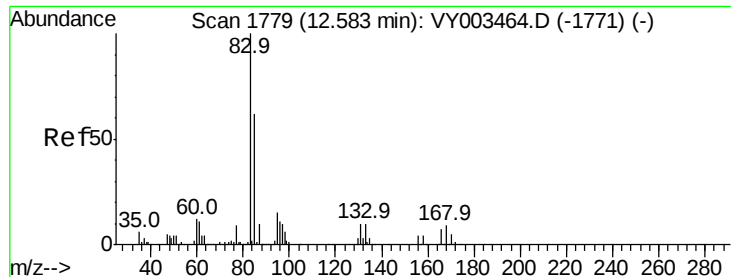
43 100

70 42.4 33.1 49.7

55 24.4 19.2 28.8

61 24.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.089 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

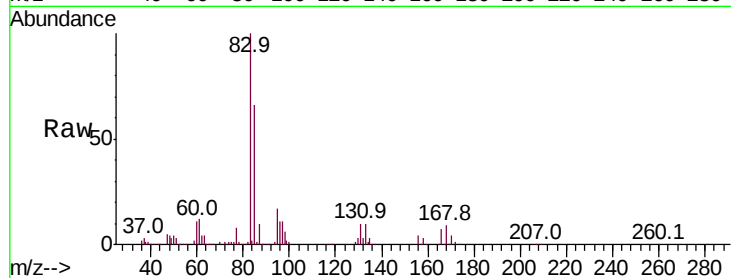
Tot Ion: 83 Resp: 125152

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

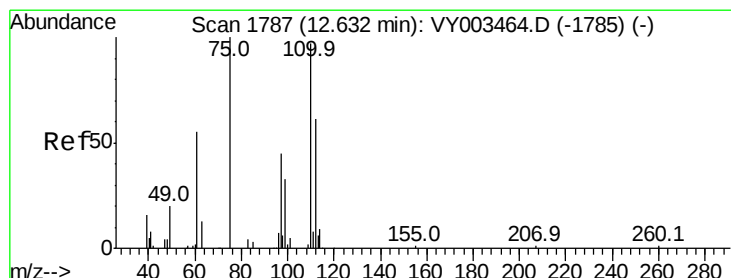
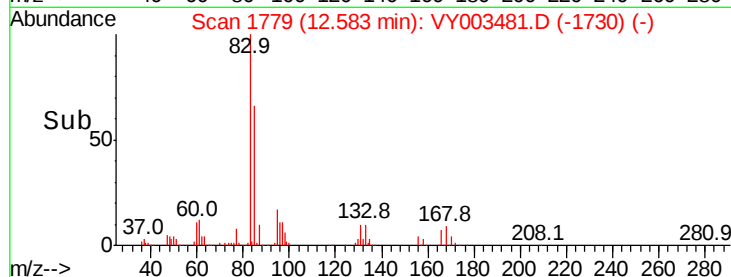
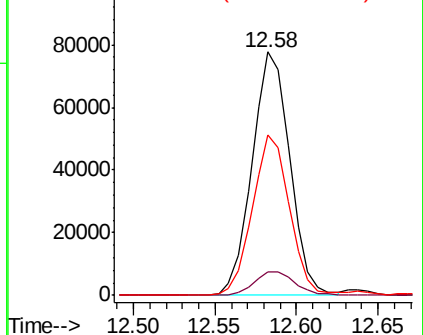
85 64.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY003481.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY003481.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY003481.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 83.701 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY003481.D

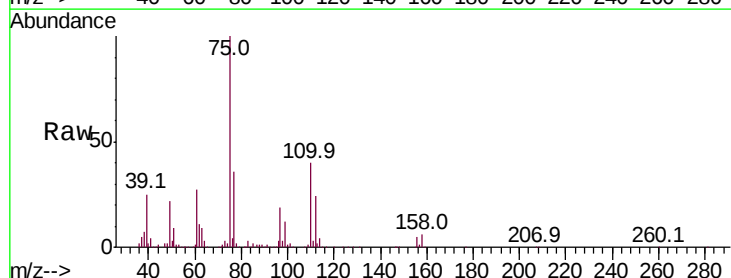
Acq: 03 Nov 2020 10:30

Tgt Ion: 75 Resp: 165185

Ion Ratio Lower Upper

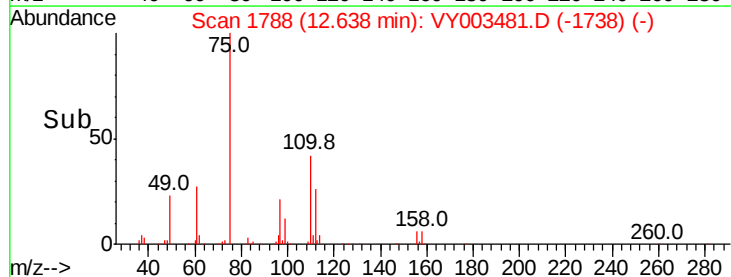
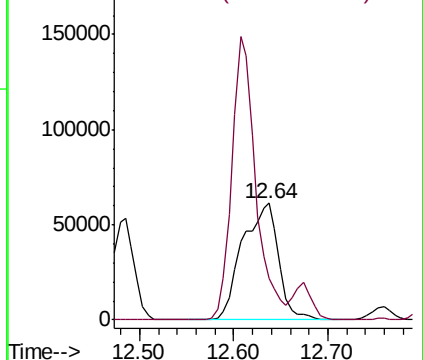
75 100

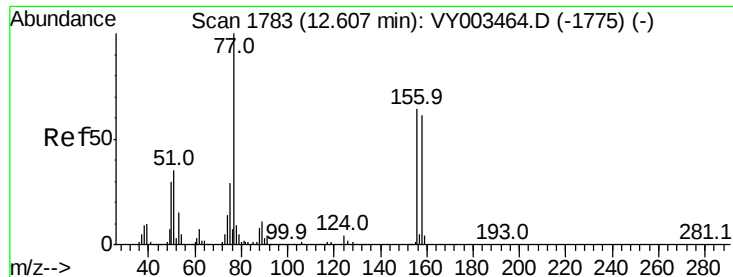
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003481.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY003481.D (-1785) (-)





#77

Bromobenzene

Concen: 48.059 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

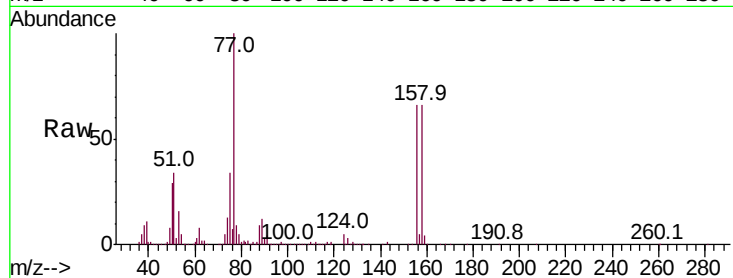
Tot Ion:156 Resp: 148775

Ion Ratio Lower Upper

156 100

77 177.0 87.0 260.9

158 97.0 48.7 146.1

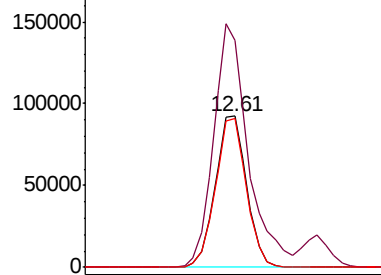


Abundance Ion 155.80 (155.50 to 156.50): V

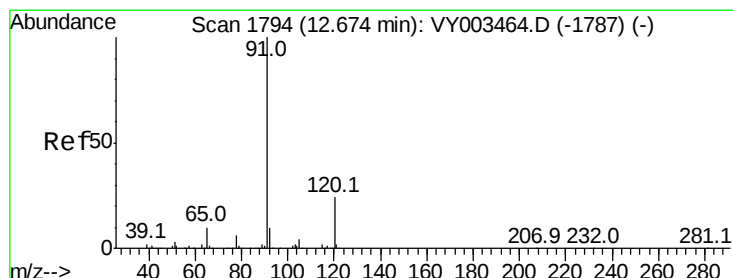
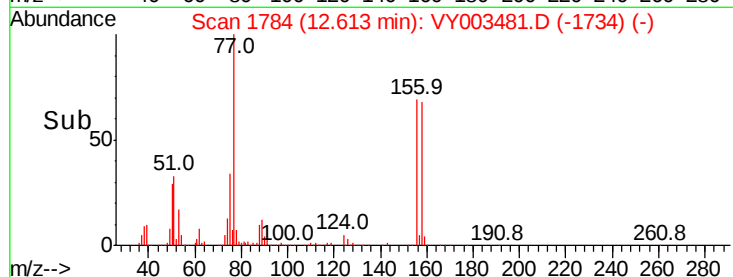
200000

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 48.915 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY003481.D

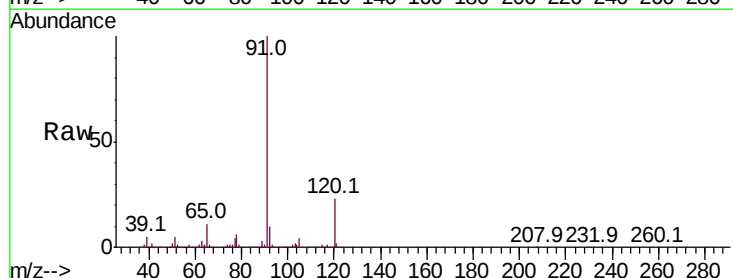
Acq: 03 Nov 2020 10:30

Tgt Ion: 91 Resp: 702009

Ion Ratio Lower Upper

91 100

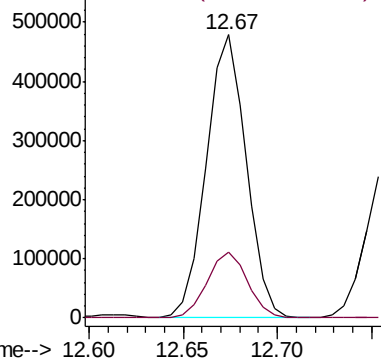
120 23.6 11.7 35.1



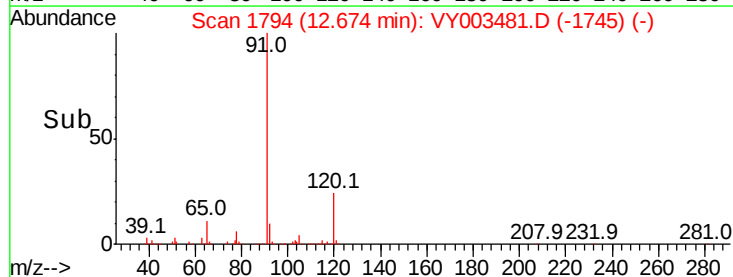
Abundance Ion 91.00 (90.70 to 91.70): VY0

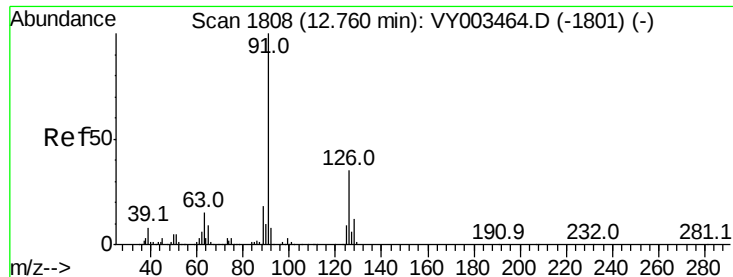
500000

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 48.683 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

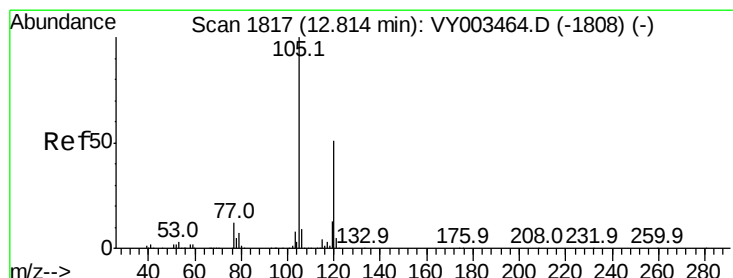
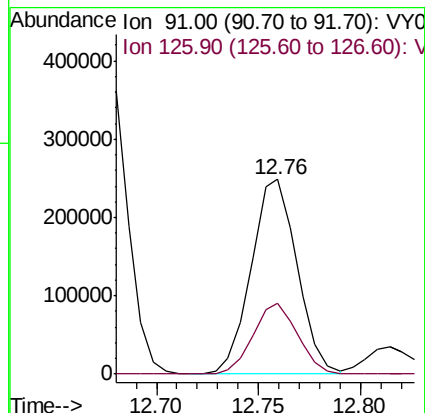
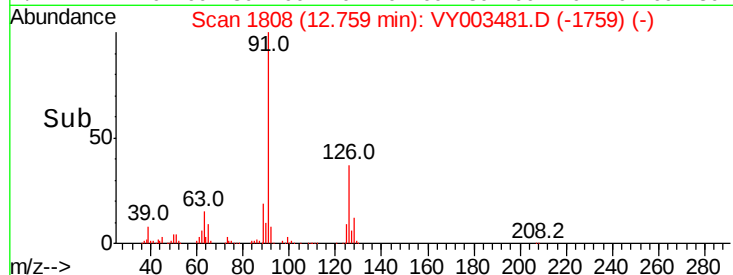
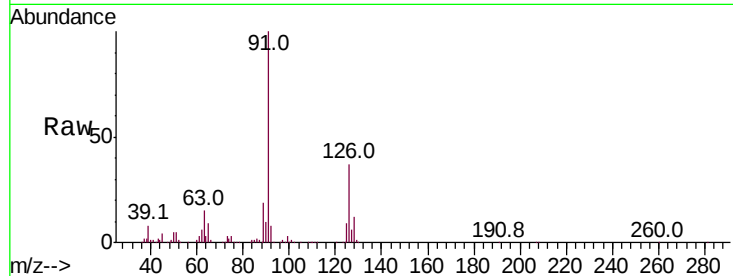
VSTDCCC050

Tot Ion: 91 Resp: 390352

Ion Ratio Lower Upper

91 100

126 35.6 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 49.383 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY003481.D

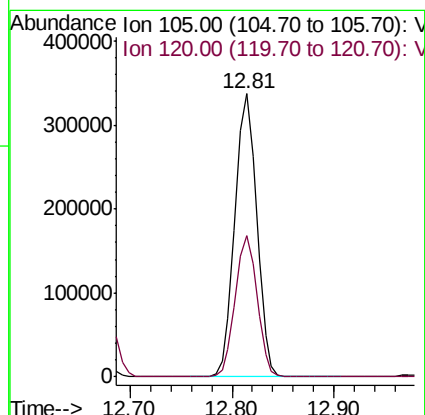
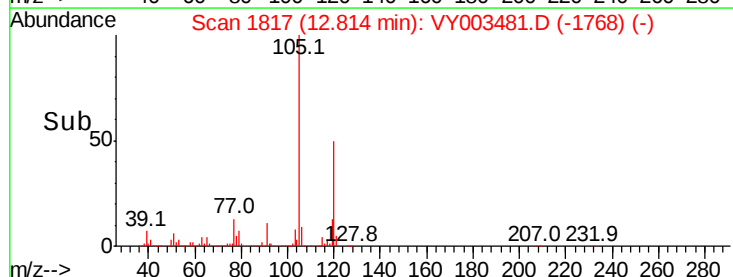
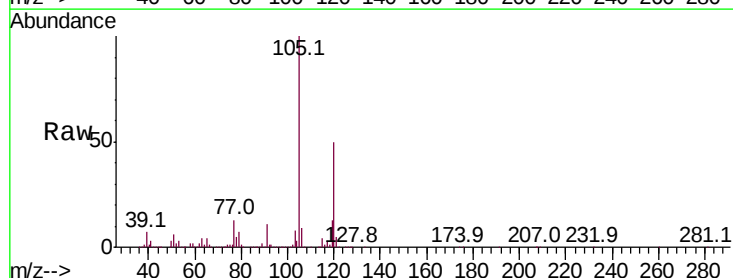
Acq: 03 Nov 2020 10:30

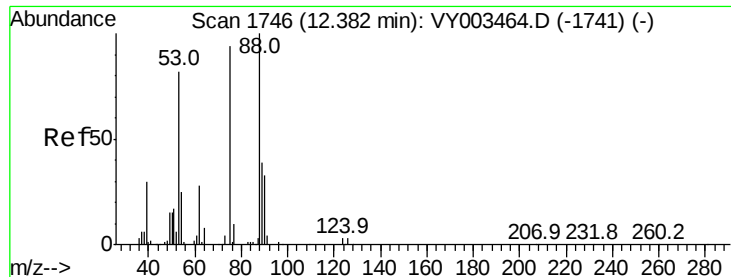
Tgt Ion: 105 Resp: 498521

Ion Ratio Lower Upper

105 100

120 49.8 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 46.468 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

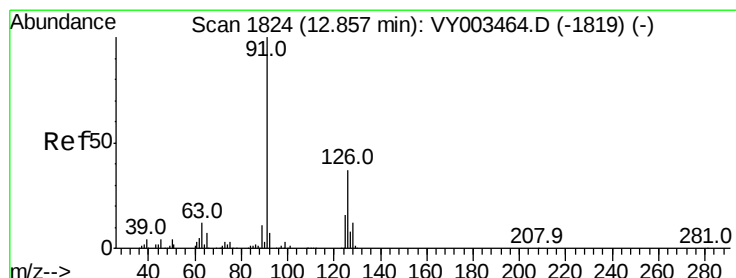
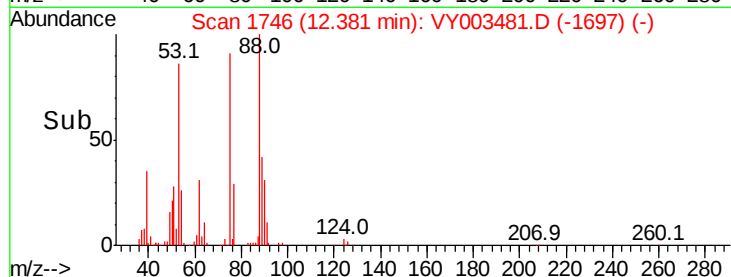
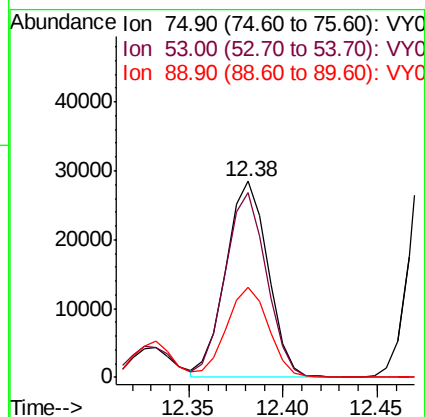
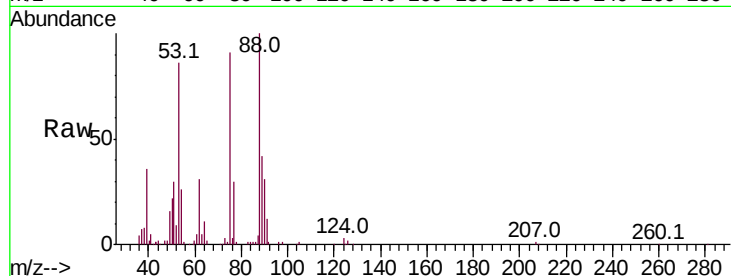
Tot Ion: 75 Resp: 43938

Ion Ratio Lower Upper

75 100

53 93.7 74.7 112.1

89 46.3 35.8 53.8



#82

4-Chlorotoluene

Concen: 49.304 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY003481.D

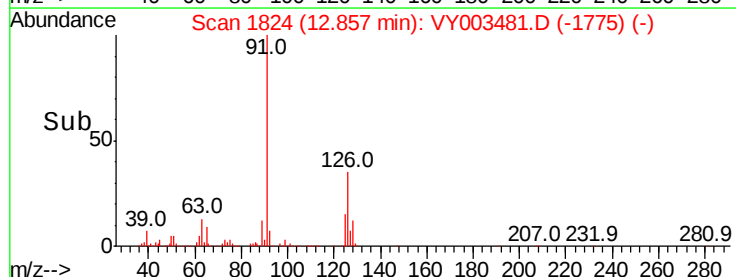
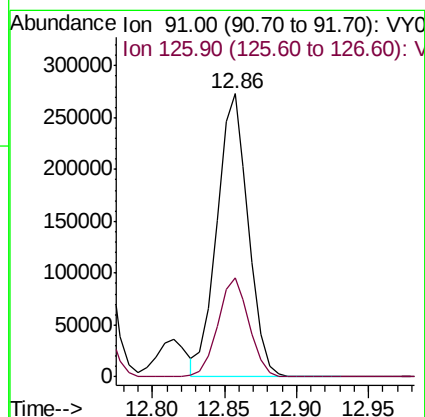
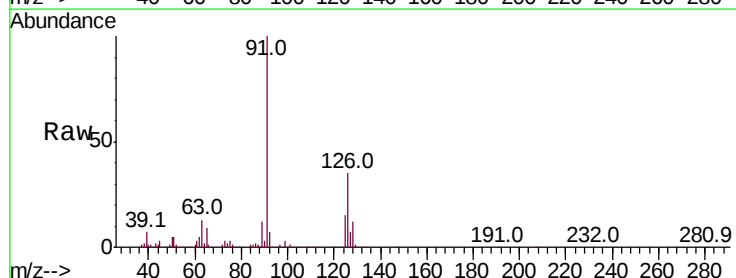
Acq: 03 Nov 2020 10:30

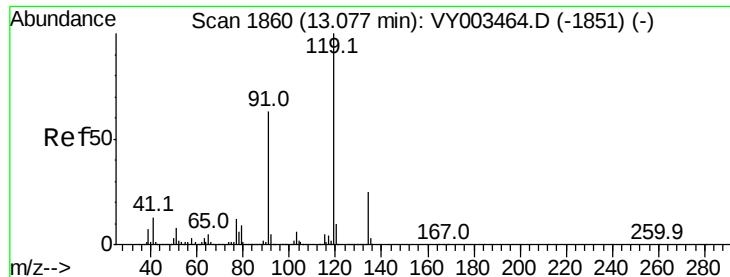
Tgt Ion: 91 Resp: 413126

Ion Ratio Lower Upper

91 100

126 34.9 17.6 52.8





#83

tert-Butylbenzene

Concen: 48.812 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

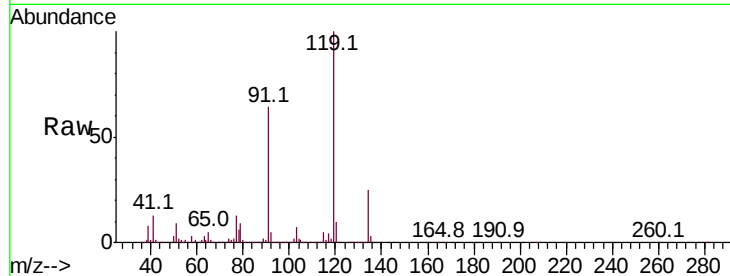
Tot Ion:119 Resp: 437031

Ion Ratio Lower Upper

119 100

91 62.5 31.1 93.2

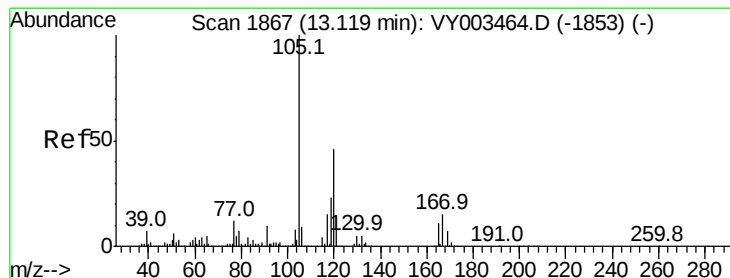
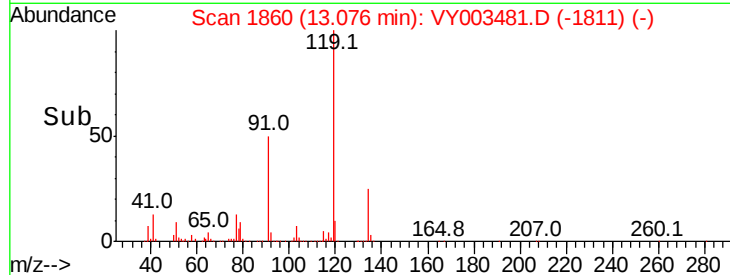
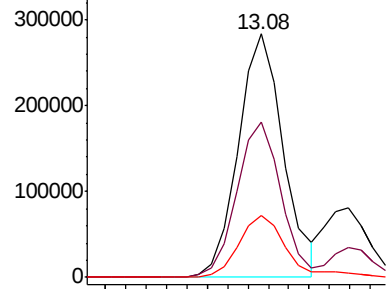
134 27.1 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.518 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003481.D

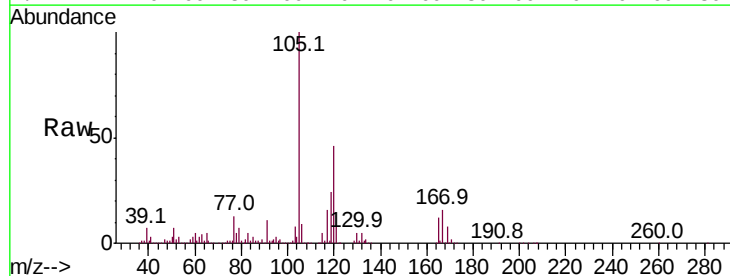
Acq: 03 Nov 2020 10:30

Tgt Ion:105 Resp: 499610

Ion Ratio Lower Upper

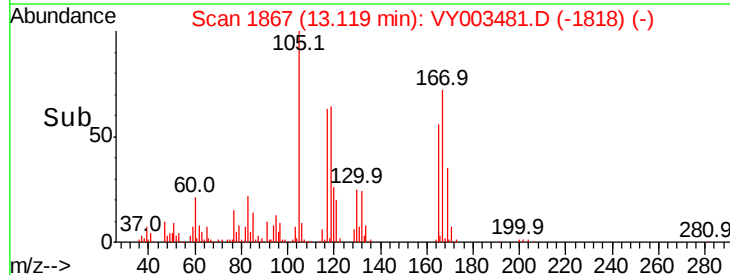
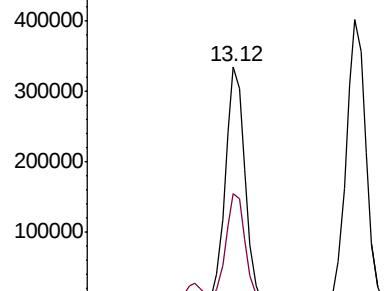
105 100

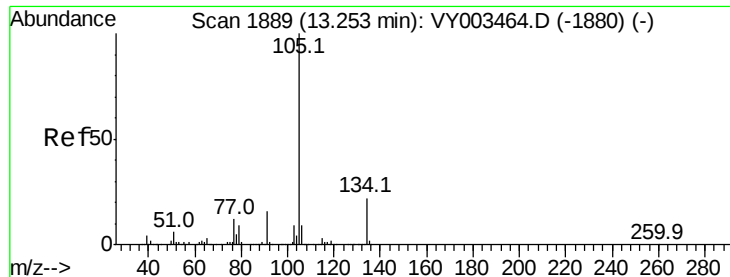
120 45.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.302 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

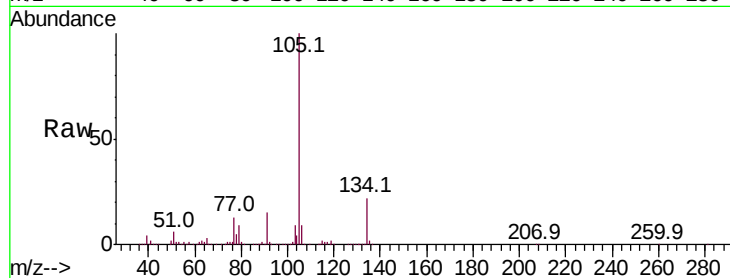
VSTDCCC050

Tot Ion:105 Resp: 597689

Ion Ratio Lower Upper

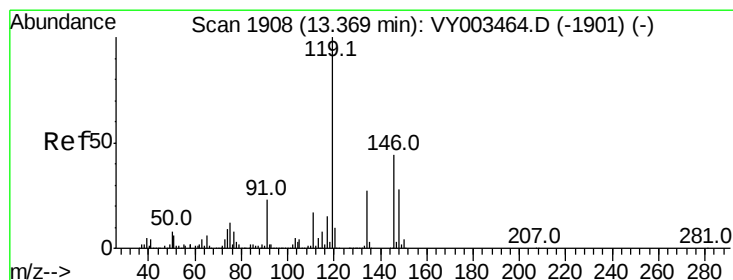
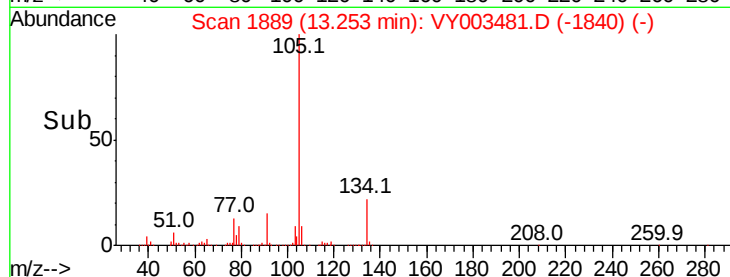
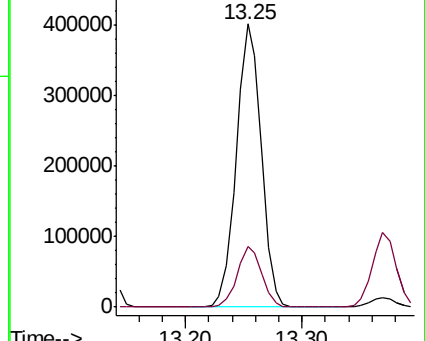
105 100

134 21.2 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: 49.516 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

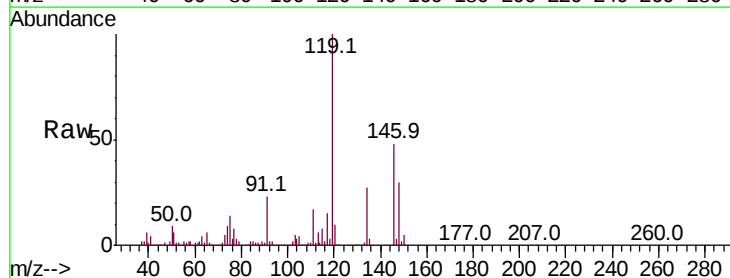
Tgt Ion:119 Resp: 556707

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

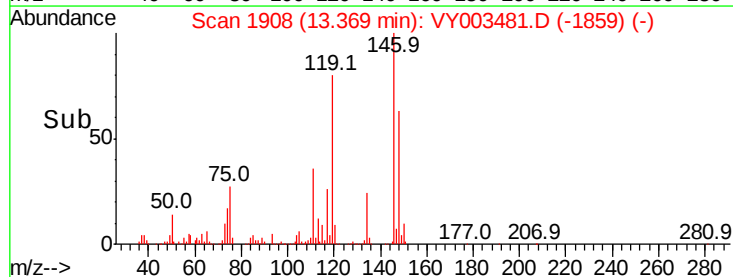
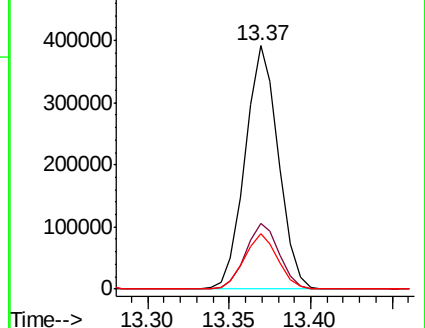
91 22.8 11.4 34.2

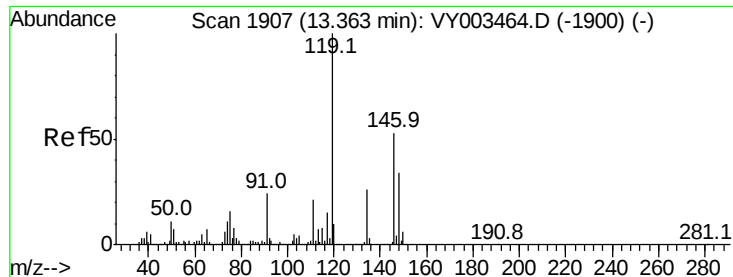


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 49.211 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

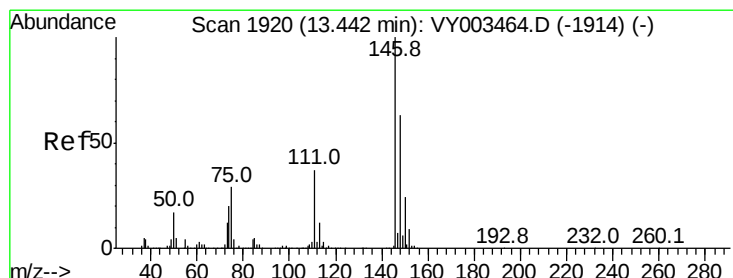
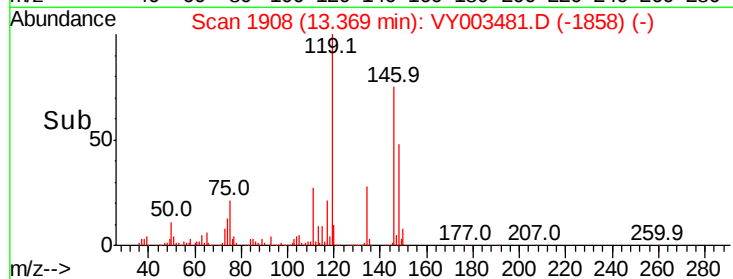
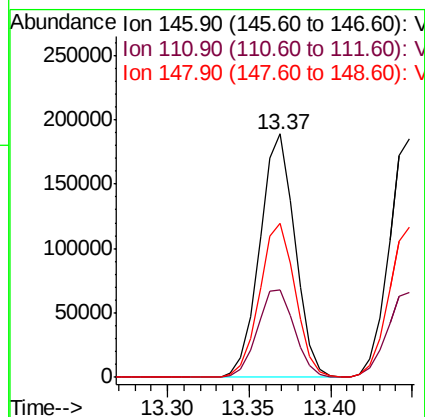
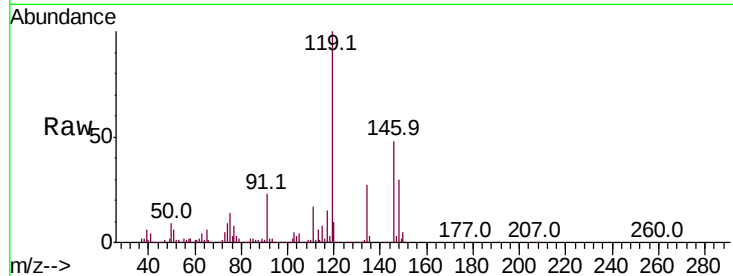
Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 283791

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	63.8	32.4	97.0



#88

1,4-Dichlorobenzene

Concen: 48.816 ug/l

RT: 13.45 min Scan# 1921

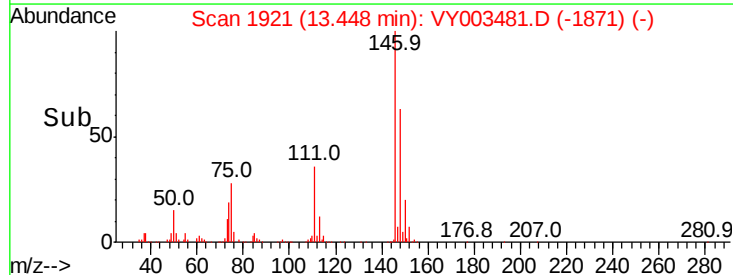
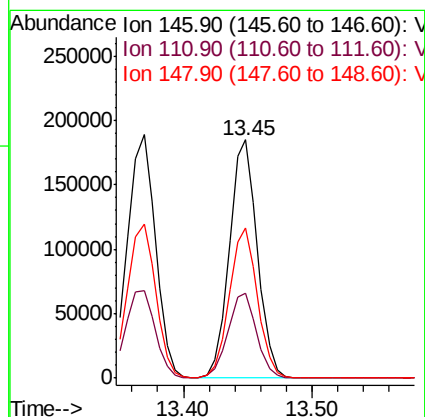
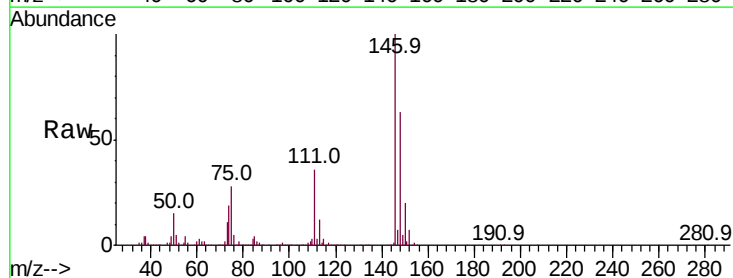
Delta R.T. 0.01 min

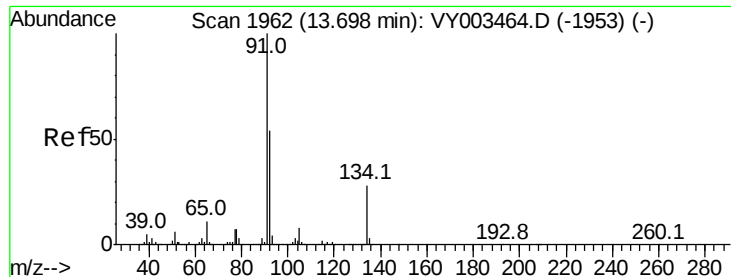
Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Tgt Ion:146 Resp: 279928

Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.3	54.8
148	63.5	32.0	96.0





#89

n-Butylbenzene

Concen: 50.103 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

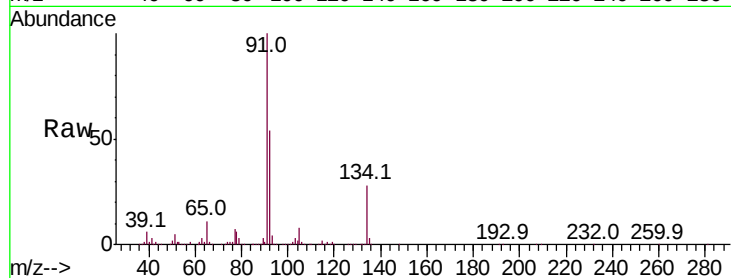
Tot Ion: 91 Resp: 514515

Ion Ratio Lower Upper

91 100

92 53.7 26.7 80.1

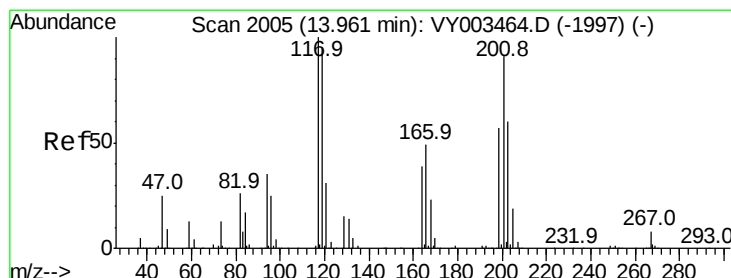
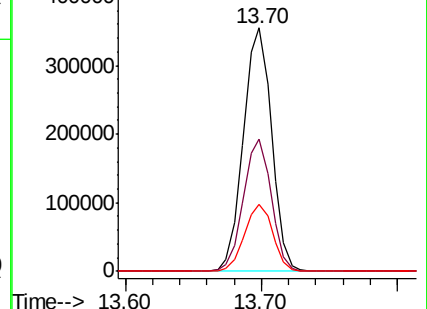
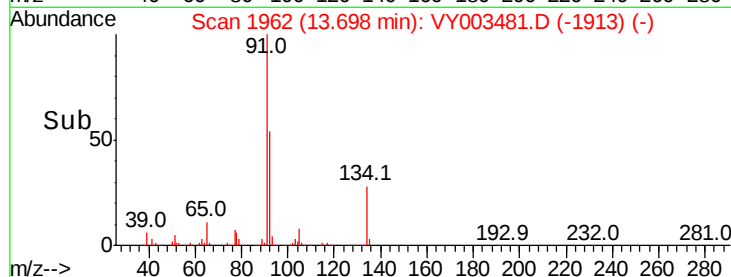
134 27.6 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VY003481.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY003481.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY003481.D (-1953) (-)



#90

Hexachloroethane

Concen: 49.285 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003481.D

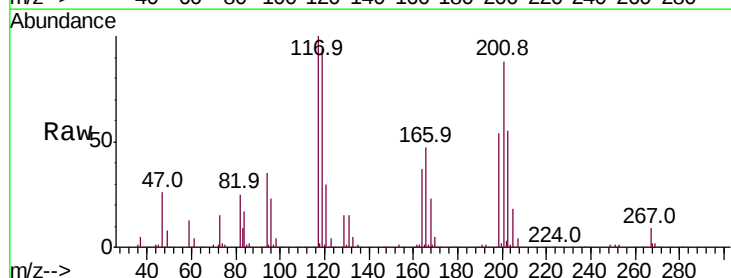
Acq: 03 Nov 2020 10:30

Tgt Ion: 117 Resp: 93255

Ion Ratio Lower Upper

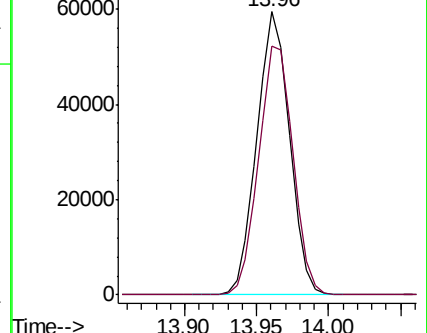
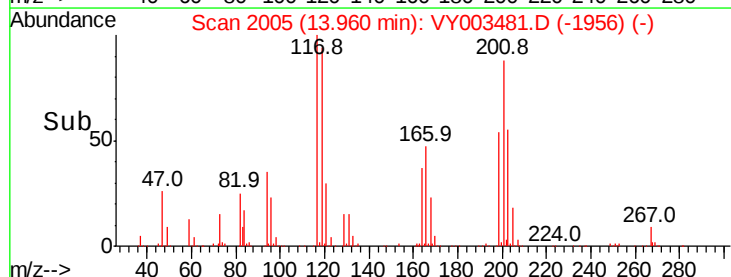
117 100

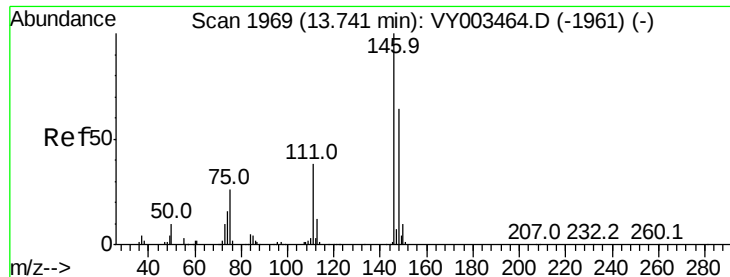
201 92.0 46.6 139.8



Abundance Ion 116.80 (116.50 to 117.50): VY003481.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY003481.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 48.565 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

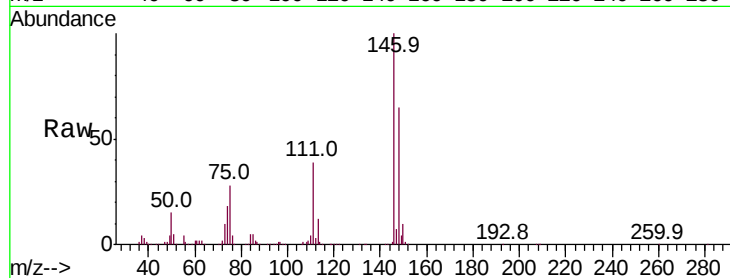
Tot Ion:146 Resp: 248796

Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.8

148 64.1 32.3 96.8



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

200000

150000

100000

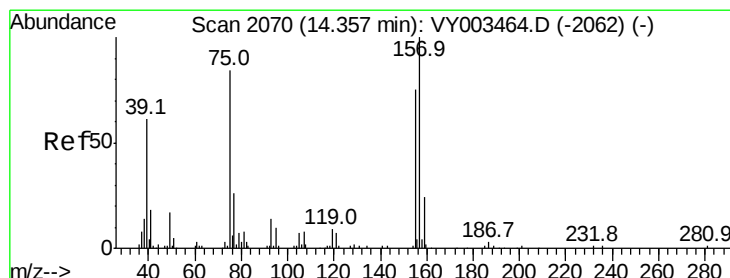
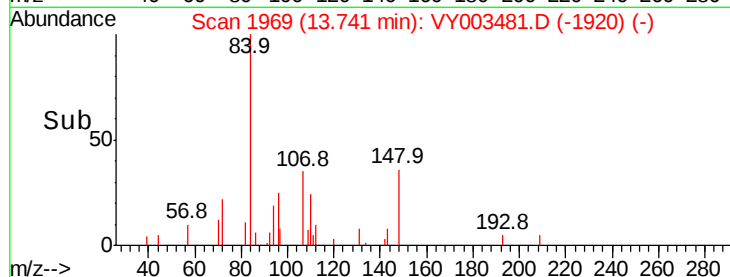
50000

0

13.74

13.70 13.80

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.859 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

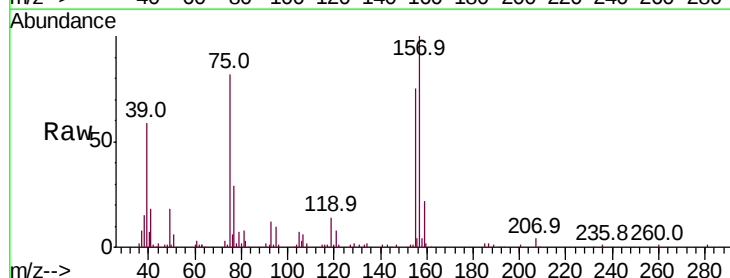
Tgt Ion: 75 Resp: 22076

Ion Ratio Lower Upper

75 100

155 90.2 45.6 136.7

157 118.8 60.3 180.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

20000

15000

10000

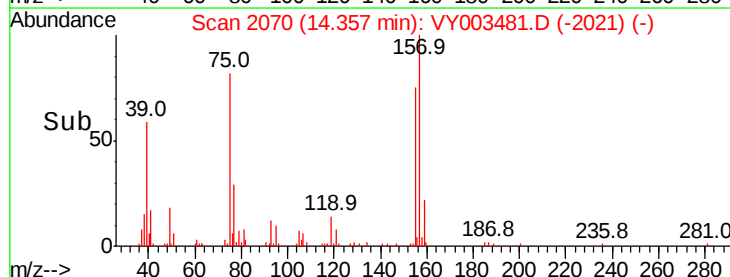
5000

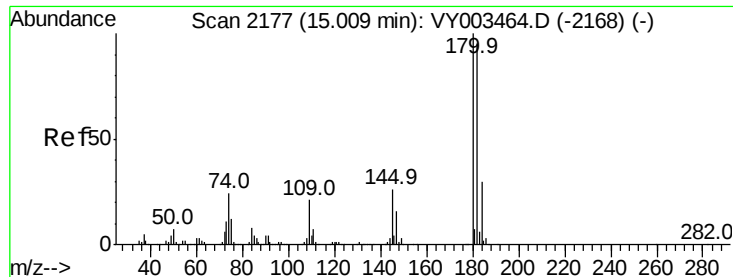
0

14.36

14.30 14.40

Time-->

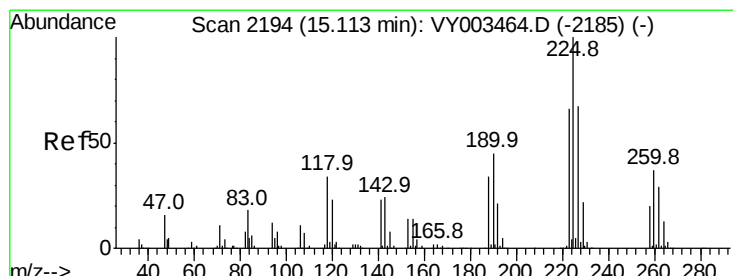
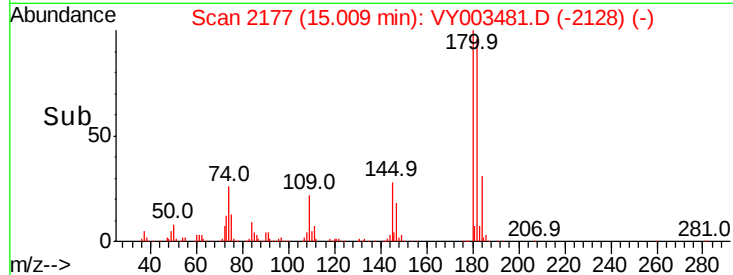
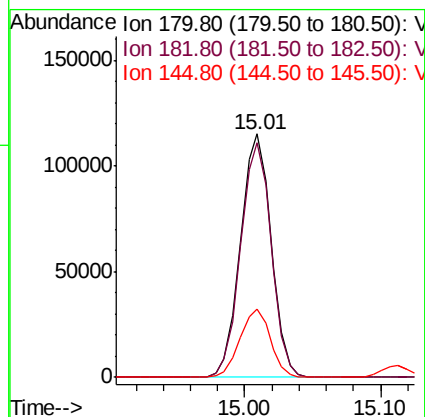
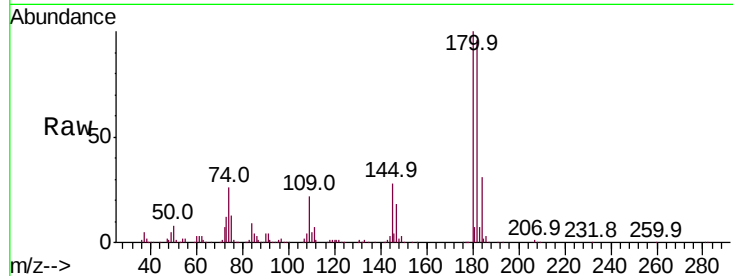




#93
 1,2,4-Trichlorobenzene
 Concen: 49.899 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

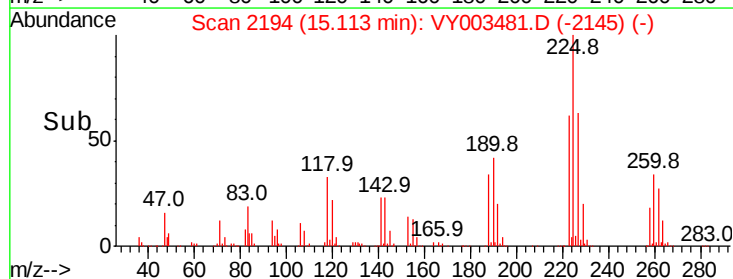
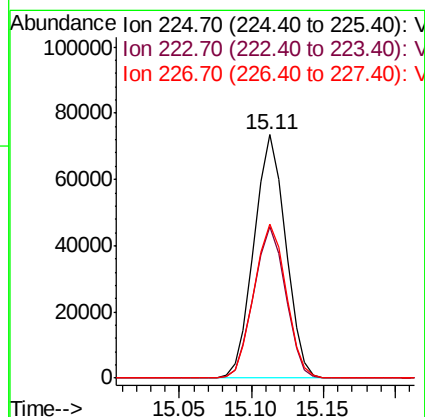
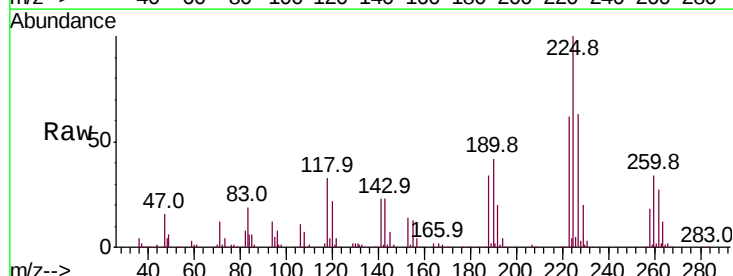
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

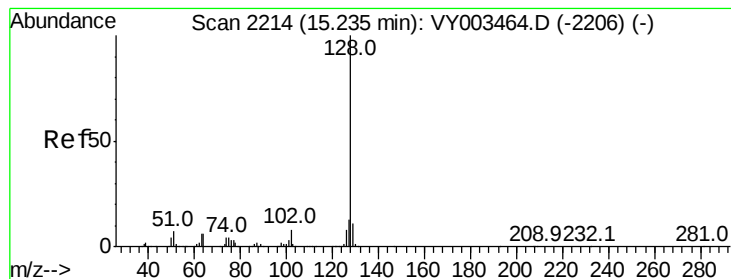
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.1	144.3
145	27.9	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 47.947 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003481.D
 Acq: 03 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.1	96.3
227	64.5	32.4	97.2





#95

Naphthalene

Concen: 49.138 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

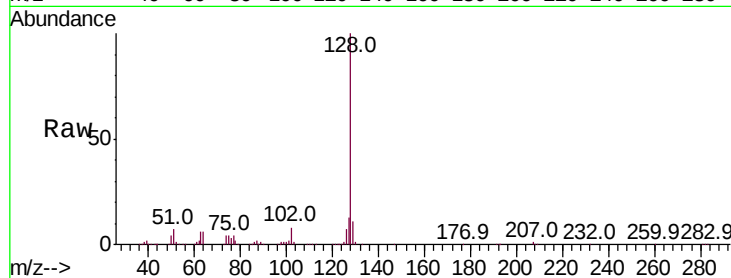
Tot Ion:128 Resp: 356562

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

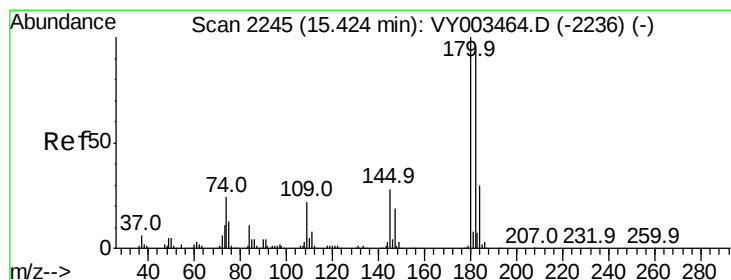
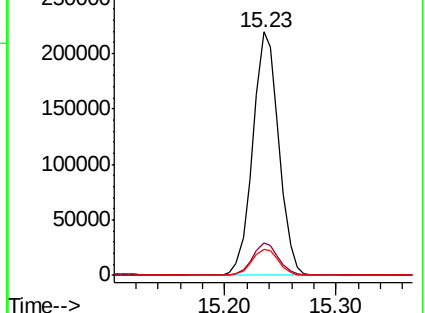
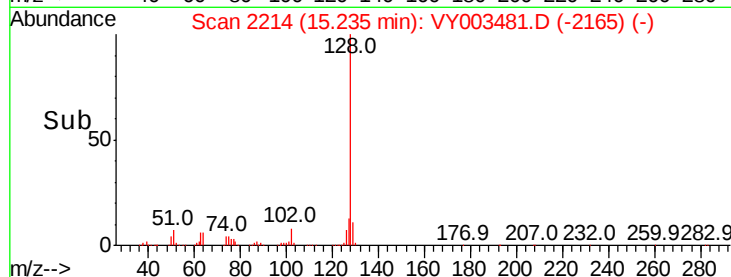
129 11.0 8.6 13.0



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: 49.870 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003481.D

Acq: 03 Nov 2020 10:30

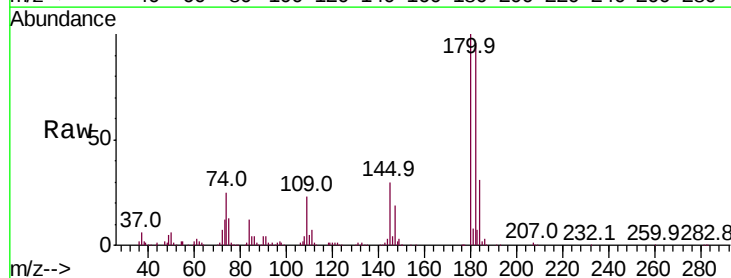
Tgt Ion:180 Resp: 162557

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.7

145 29.4 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

