

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004778.D
 Acq On : 14 May 2021 13:25
 Operator : SY/MD
 Sample : M2392-07
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 15 03:57:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	10491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	17394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	14856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7450	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5790	46.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.74%
35) Dibromofluoromethane	7.728	113	2897	30.42	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	60.84%
50) Toluene-d8	10.185	98	27413	63.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	127.46%
62) 4-Bromofluorobenzene	12.483	95	8975	61.82	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.64%

Target Compounds						Qvalue
3) Chloromethane	2.119	50	863	5.54	ug/l #	79
4) Vinyl Chloride	2.229	62	308	1.93	ug/l #	43
5) Bromomethane	2.674	94	438	5.39	ug/l #	72
10) Methyl Iodide	4.113	142	752	6.56	ug/l #	80
11) Tert butyl alcohol	4.954	59	172	13.71	ug/l #	71
13) Acrolein	3.729	56	49	3.32	ug/l #	1
14) Allyl chloride	4.552	41	227	1.12	ug/l #	23
15) Acrylonitrile	5.174	53	115	3.43	ug/l #	79
16) Acetone	3.948	43	3620	129.06	ug/l #	82
17) Carbon Disulfide	4.204	76	322	1.02	ug/l #	75
18) Methyl Acetate	4.582	43	493	5.51	ug/l #	56
20) Methylene Chloride	4.729	84	2533	13.20	ug/l	89
25) 2-Butanone	6.996	43	1282	25.73	ug/l	90
26) 2,2-Dichloropropane	6.795	77	673	3.51	ug/l #	54
29) Tetrahydrofuran	7.381	42	114	3.59	ug/l #	55
31) Cyclohexane	7.789	56	51416	254.36	ug/l	97
36) 1,1-Dichloropropene	7.923	75	607	3.41	ug/l #	62
37) Ethyl Acetate	7.082	43	142	1.16	ug/l #	72
38) Carbon Tetrachloride	7.801	117	1194	7.45	ug/l #	12
39) Methylcyclohexane	9.191	83	154957	797.12	ug/l	98
41) Methacrylonitrile	7.356	41	639	9.57	ug/l #	100
43) Isopropyl Acetate	8.271	43	7912	34.89	ug/l #	56
45) 1,2-Dichloropropane	9.191	63	1965	14.91	ug/l #	1
46) Dibromomethane	9.270	93	79	1.08	ug/l #	1
47) Bromodichloromethane	9.478	83	2352	13.52	ug/l #	33
48) Methyl methacrylate	9.246	41	6439	62.39	ug/l #	33
51) 4-Methyl-2-Pentanone	10.112	43	2386	19.56	ug/l	94
52) Toluene	10.246	92	687	2.16	ug/l	78
55) 1,1,2-Trichloroethane	10.618	97	22854	226.50	ug/l #	18
56) Ethyl methacrylate	10.526	69	8756	60.01	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.770	63	470	6.24	ug/l #	49
59) 2-Hexanone	10.807	43	25609	309.74	ug/l #	33
60) Dibromochloromethane	10.813	129	184	1.53	ug/l #	10
61) 1,2-Dibromoethane	11.087	107	256	2.63	ug/l #	3
65) Chlorobenzene	11.526	112	621	2.03	ug/l #	87
67) Ethyl Benzene	11.593	91	9956	17.53	ug/l	95

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Quant Time: May 15 03:57:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

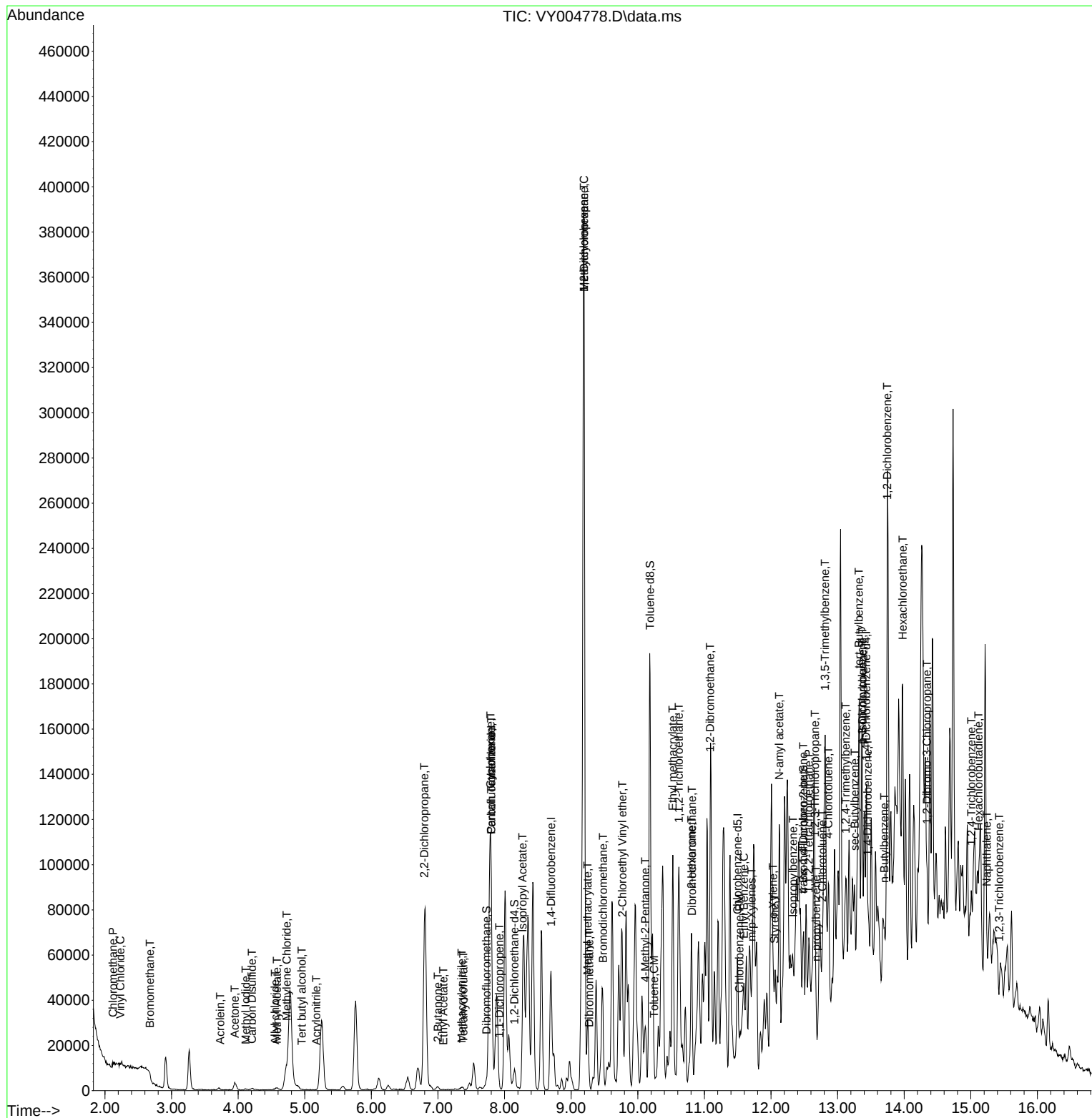
68) m/p-Xylenes	11.709	106	4732	22.17	ug/l	96
69) o-Xylene	12.032	106	2018	10.12	ug/l	84
70) Styrene	12.050	104	686	2.05	ug/l #	57
73) Isopropylbenzene	12.331	105	6511	11.59	ug/l	96
74) N-amyl acetate	12.124	43	22220	111.82	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.569	83	2466	21.99	ug/l #	94
76) 1,2,3-Trichloropropane	12.660	75	132	1.67	ug/l #	100
78) n-propylbenzene	12.678	91	9477	13.82	ug/l	96
79) 2-Chlorotoluene	12.770	91	3163	8.40	ug/l #	58
80) 1,3,5-Trimethylbenzene	12.813	105	3951	8.46	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.483	75	3598	78.84	ug/l #	24
82) 4-Chlorotoluene	12.861	91	575	1.47	ug/l #	1
83) tert-Butylbenzene	13.319	119	4893	12.28	ug/l	69
84) 1,2,4-Trimethylbenzene	13.123	105	14534	31.11	ug/l	98
85) sec-Butylbenzene	13.258	105	4325	7.47	ug/l #	70
86) p-Isopropyltoluene	13.373	119	5726	11.40	ug/l #	84
87) 1,3-Dichlorobenzene	13.373	146	548	2.20	ug/l #	1
88) 1,4-Dichlorobenzene	13.453	146	673	2.74	ug/l #	1
89) n-Butylbenzene	13.703	91	4505	9.18	ug/l #	83
90) Hexachloroethane	13.977	117	2842	40.18	ug/l #	14
91) 1,2-Dichlorobenzene	13.745	146	557	2.54	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.343	75	281	13.41	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.007	180	694	4.91	ug/l #	1
94) Hexachlorobutadiene	15.117	225	152	1.98	ug/l #	19
95) Naphthalene	15.239	128	3197	10.44	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.428	180	782	6.25	ug/l #	76

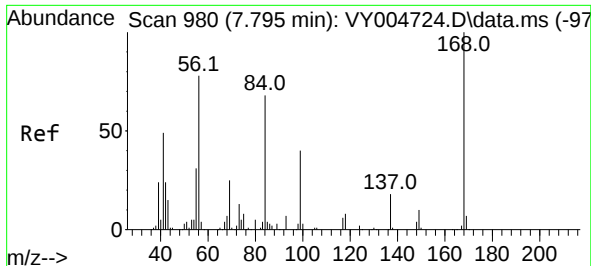
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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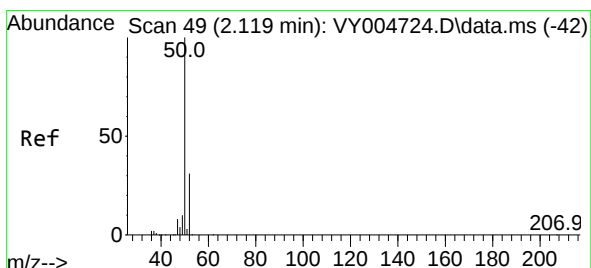
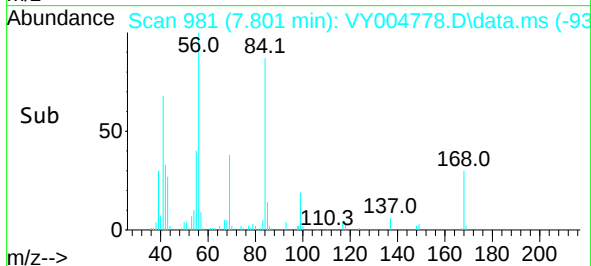
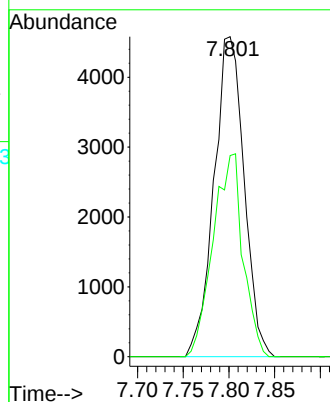
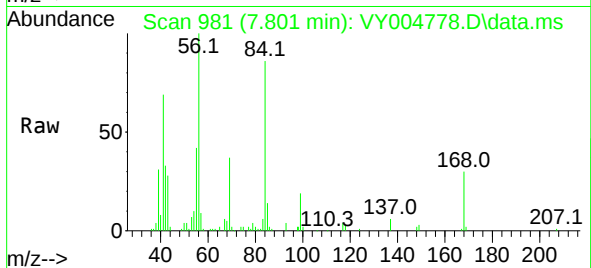




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

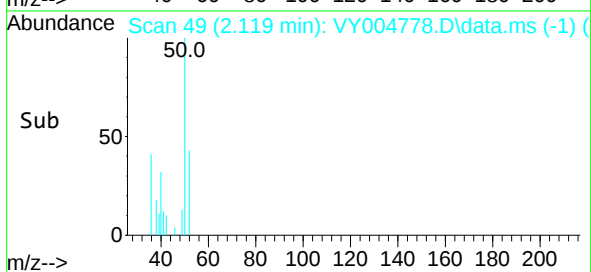
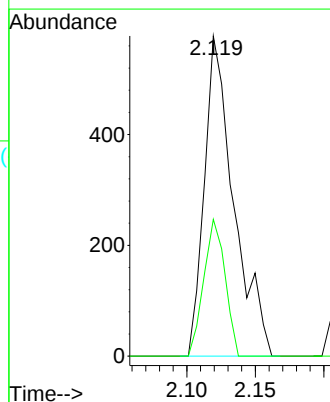
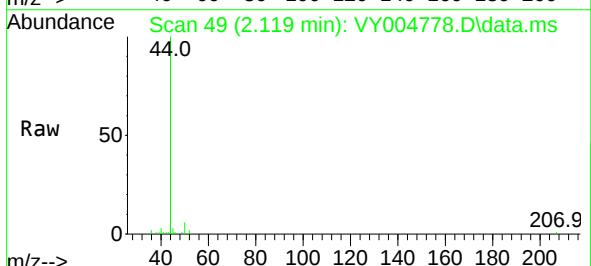
Instrument :
MSVOA_Y
ClientSampled :

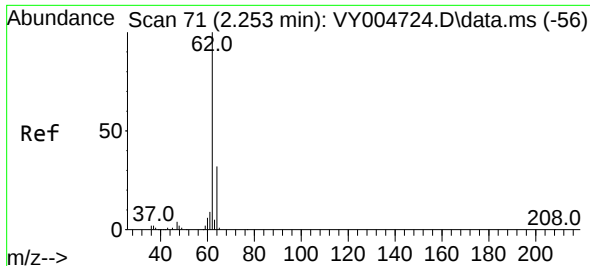
Tgt Ion:168 Resp: 10491
Ion Ratio Lower Upper
168 100
99 62.9 45.6 68.4



#3
Chloromethane
Concen: 5.54 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion: 50 Resp: 863
Ion Ratio Lower Upper
50 100
52 42.7 25.0 37.6#

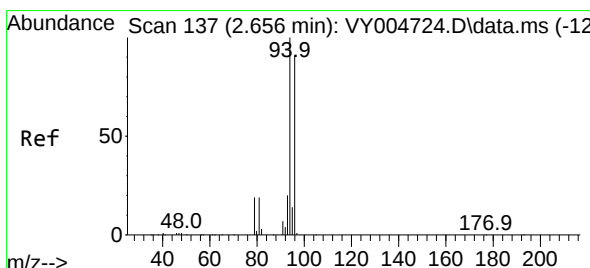
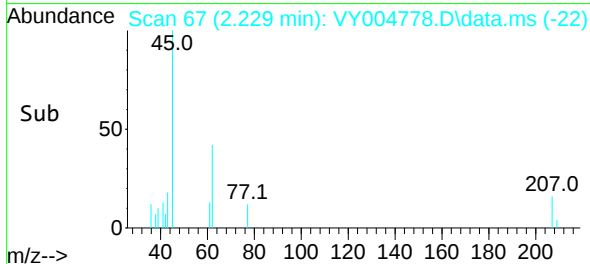
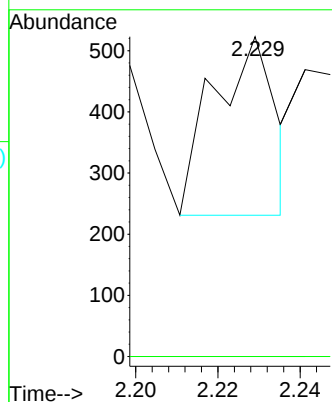
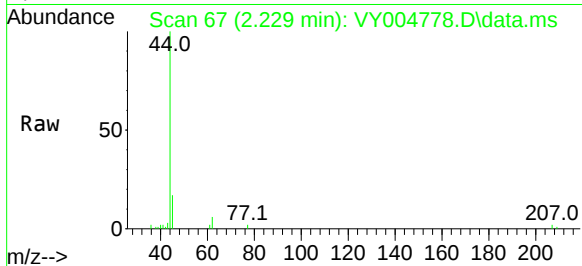




#4
 Vinyl Chloride
 Concen: 1.93 ug/l
 RT: 2.229 min Scan# 67
 Delta R.T. -0.024 min
 Lab File: VY004778.D
 Acq: 14 May 2021 13:25

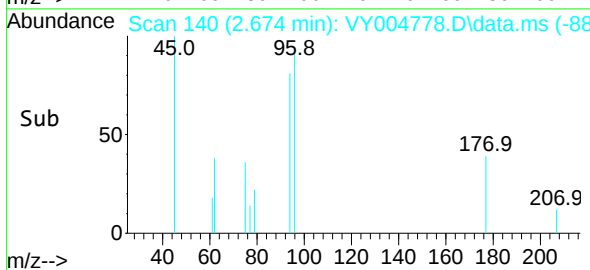
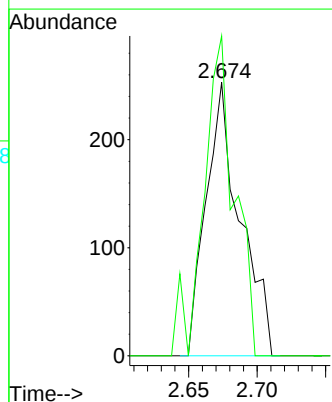
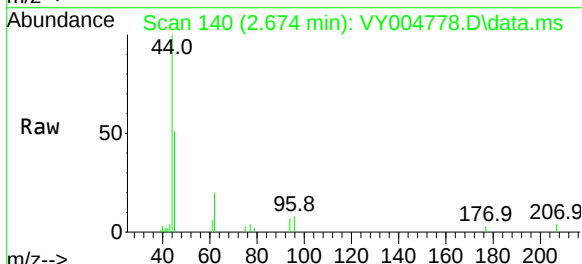
Instrument :
 MSVOA_Y
 ClientSampled :

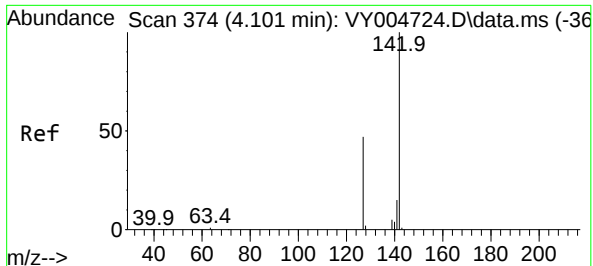
Tgt Ion: 62 Resp: 308
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.2#



#5
 Bromomethane
 Concen: 5.39 ug/l
 RT: 2.674 min Scan# 140
 Delta R.T. 0.018 min
 Lab File: VY004778.D
 Acq: 14 May 2021 13:25

Tgt Ion: 94 Resp: 438
 Ion Ratio Lower Upper
 94 100
 96 117.0 72.6 109.0#





#10

Methyl Iodide

Concen: 6.56 ug/l

RT: 4.113 min Scan# 376

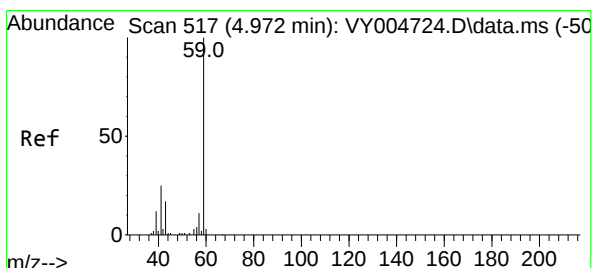
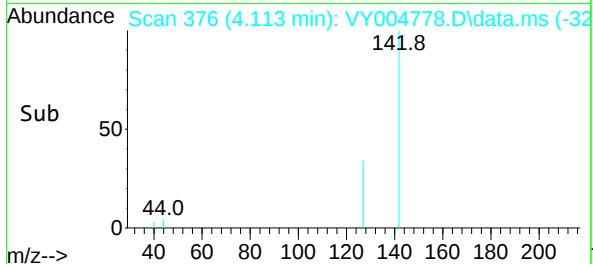
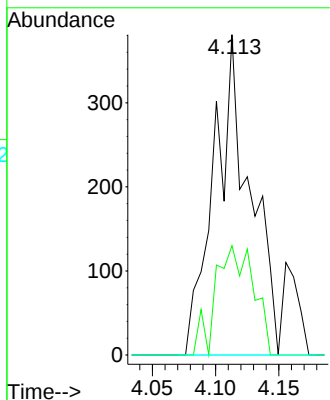
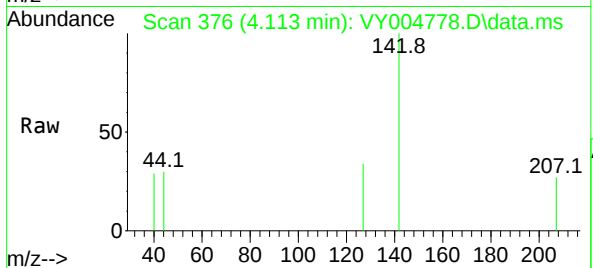
Delta R.T. 0.012 min

Lab File: VY004778.D

Acq: 14 May 2021 13:25

Tgt Ion:	142	Resp:	752
Ion	Ratio	Lower	Upper
142	100		
127	36.3	37.1	55.7#
141	0.0	11.9	17.9#

Instrument :
MSVOA_Y
ClientSampleId :



#11

Tert butyl alcohol

Concen: 13.71 ug/l

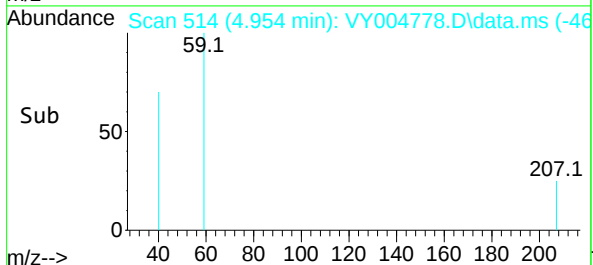
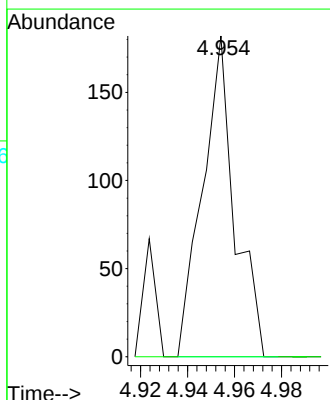
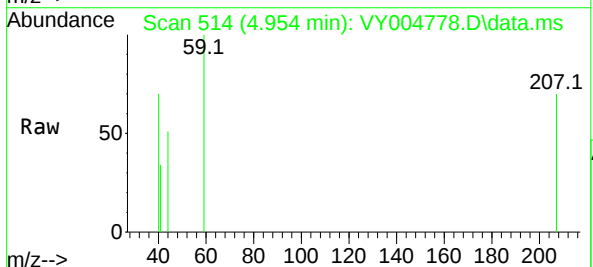
RT: 4.954 min Scan# 514

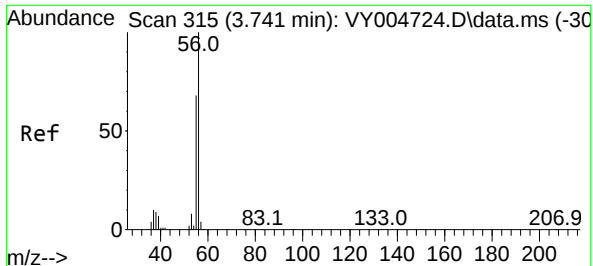
Delta R.T. -0.018 min

Lab File: VY004778.D

Acq: 14 May 2021 13:25

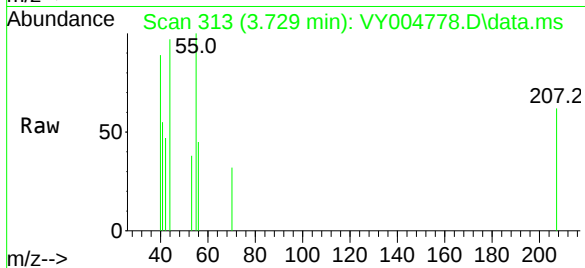
Tgt Ion:	59	Resp:	172
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



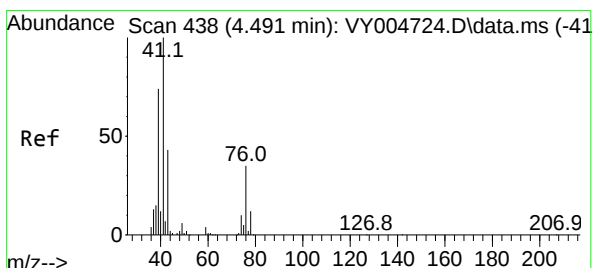
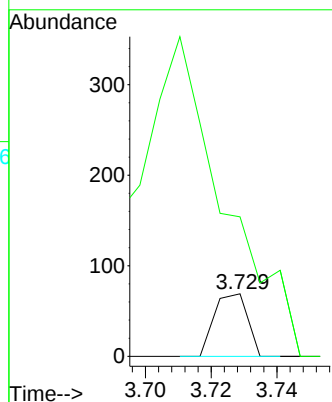
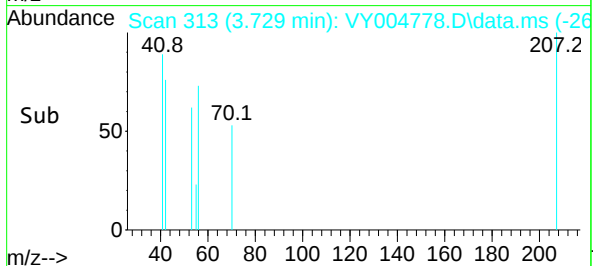


#13
Acrolein
Concen: 3.32 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.012 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

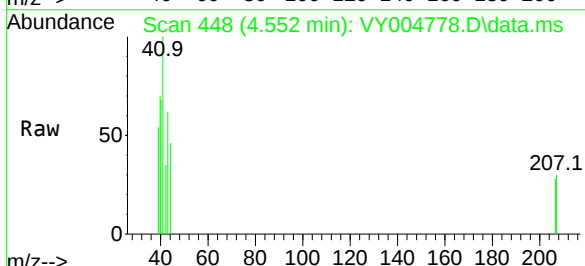
Instrument :
MSVOA_Y
ClientSampleId :



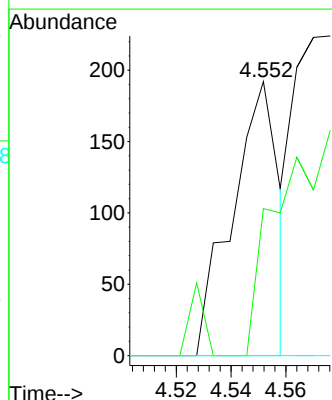
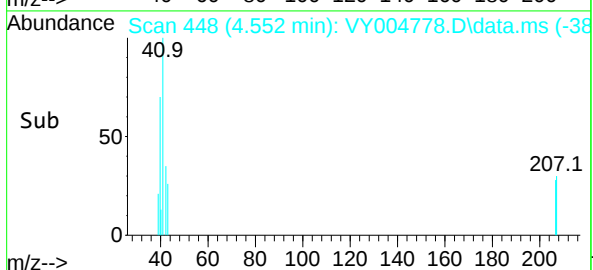
Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 1457.1 55.3 82.9#

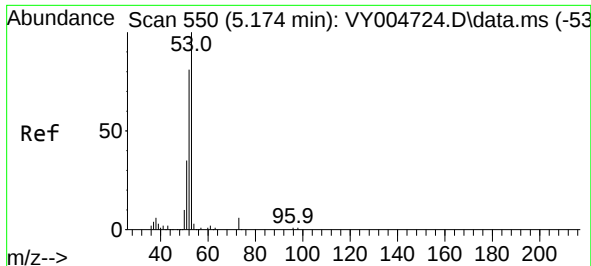


#14
Allyl chloride
Concen: 1.12 ug/l
RT: 4.552 min Scan# 448
Delta R.T. 0.061 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25



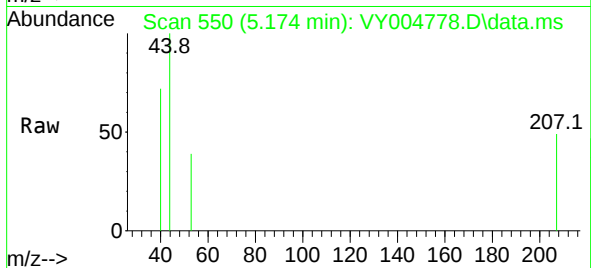
Tgt Ion: 41 Resp: 227
Ion Ratio Lower Upper
41 100
39 0.0 56.1 84.1#
76 0.0 26.2 39.4#



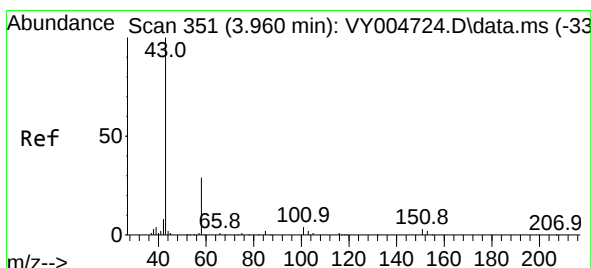
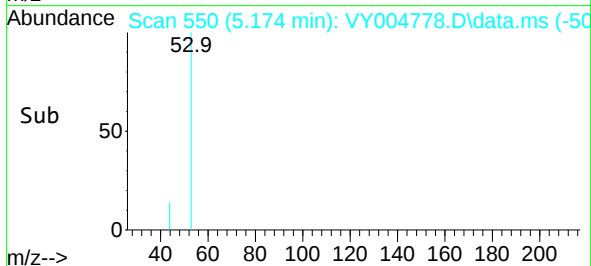
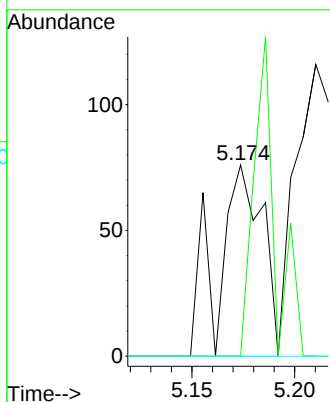


#15
Acrylonitrile
Concen: 3.43 ug/l
RT: 5.174 min Scan# 550
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Instrument :
MSVOA_Y
ClientSampled :

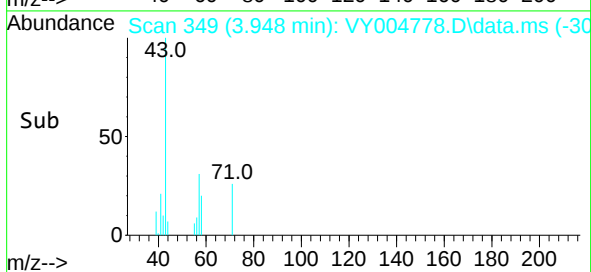
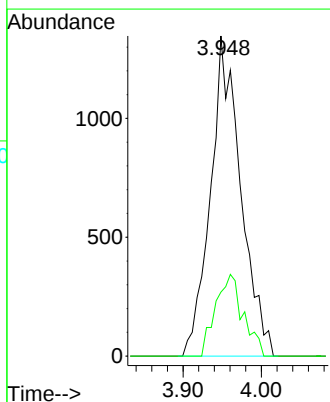
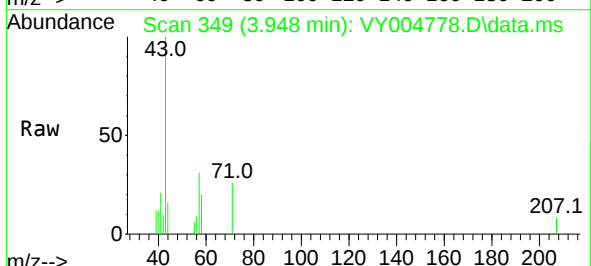


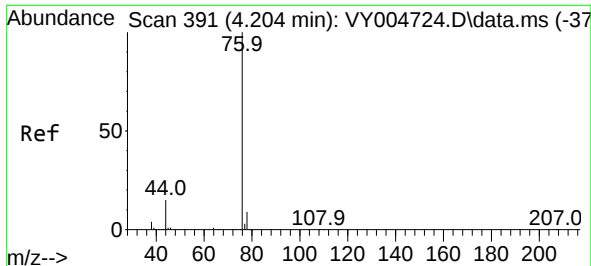
Tgt Ion: 53 Resp: 115
Ion Ratio Lower Upper
53 100
52 79.1 65.0 97.6
51 0.0 29.3 43.9#



#16
Acetone
Concen: 129.06 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion: 43 Resp: 3620
Ion Ratio Lower Upper
43 100
58 20.0 23.6 35.4#

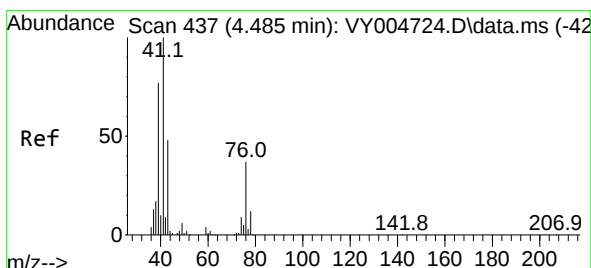
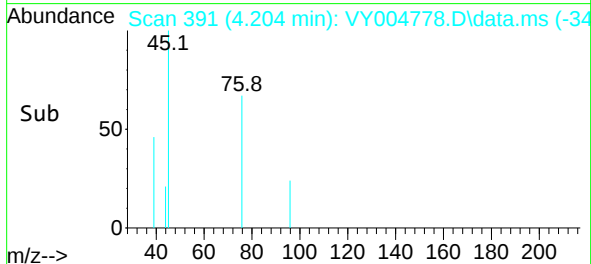
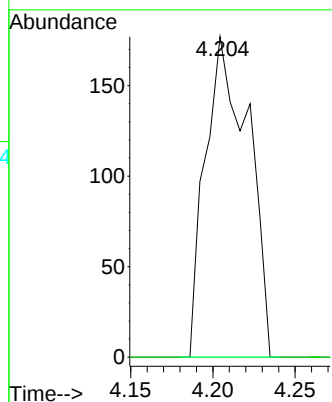
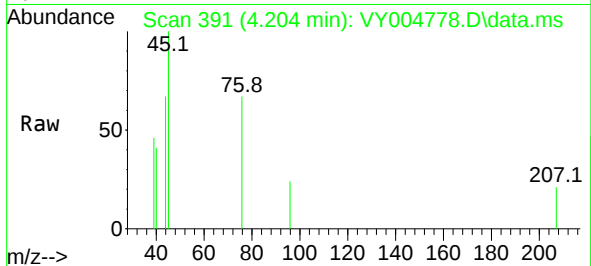




#17
Carbon Disulfide
Concen: 1.02 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

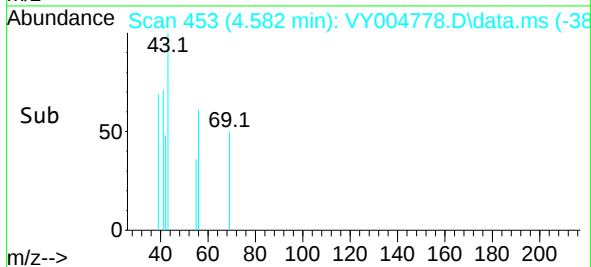
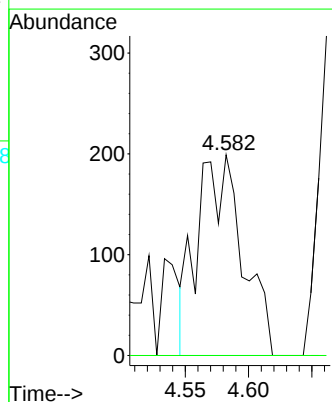
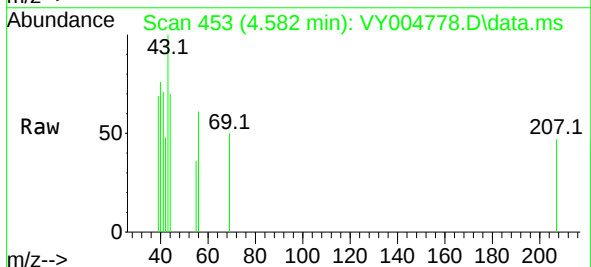
Instrument :
MSVOA_Y
ClientSampled :

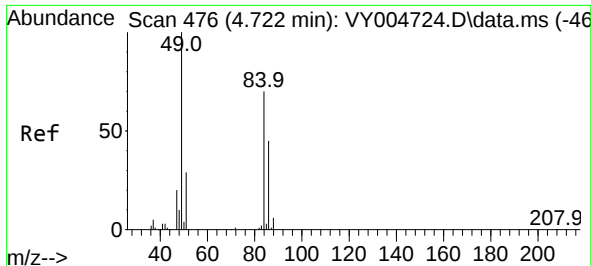
Tgt Ion: 76 Resp: 322
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 5.51 ug/l
RT: 4.582 min Scan# 453
Delta R.T. 0.098 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

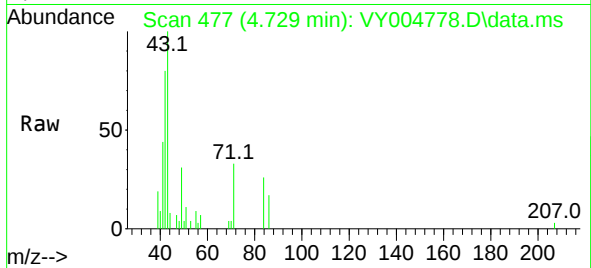
Tgt Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



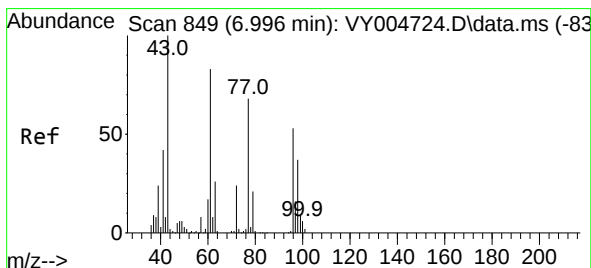
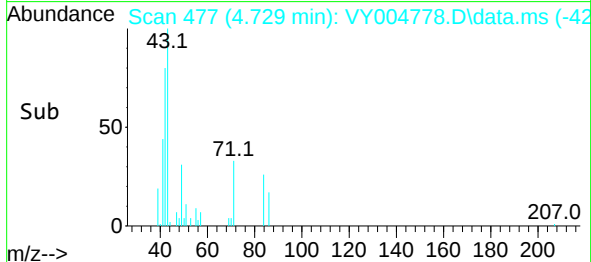
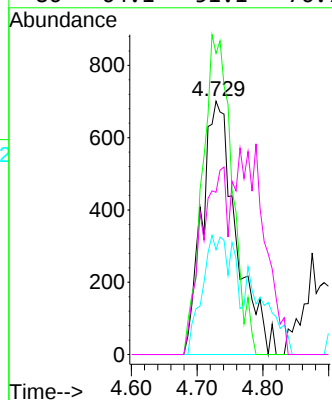


#20
Methylene Chloride
Concen: 13.20 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Instrument :
MSVOA_Y
ClientSampleId :

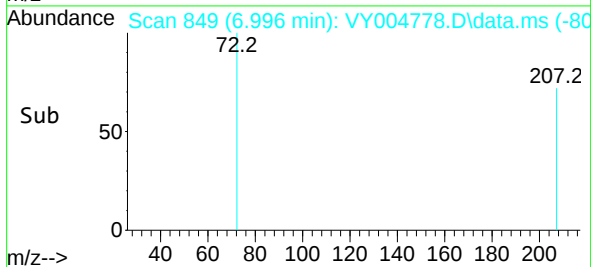
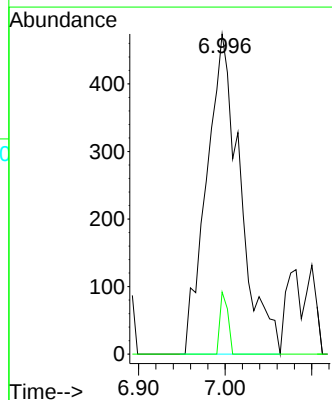
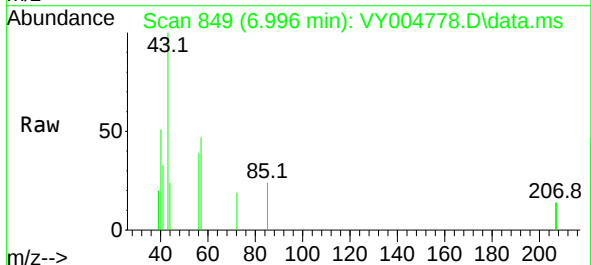


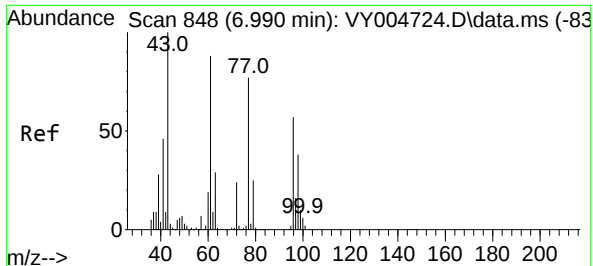
Tgt Ion:	84	Resp:	2533
Ion	Ratio	Lower	Upper
84	100		
49	118.8	113.8	170.8
51	41.4	33.5	50.3
86	64.1	51.1	76.7



#25
2-Butanone
Concen: 25.73 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion:	43	Resp:	1282
Ion	Ratio	Lower	Upper
43	100		
72	19.4	19.4	29.0





#26

2,2-Dichloropropane

Concen: 3.51 ug/l

RT: 6.795 min Scan# 816

Delta R.T. -0.195 min

Lab File: VY004778.D

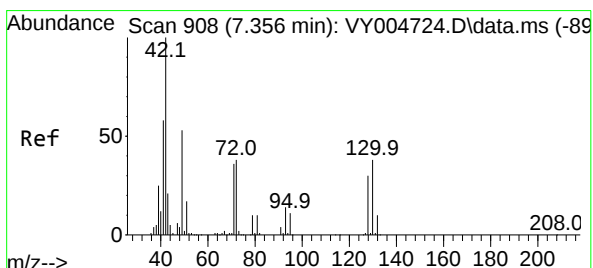
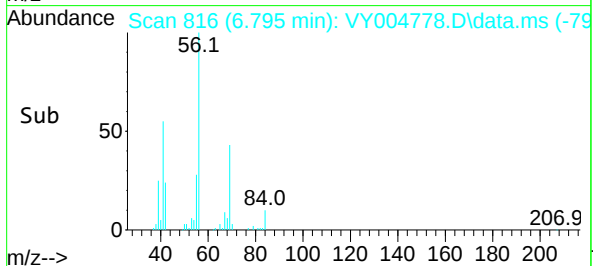
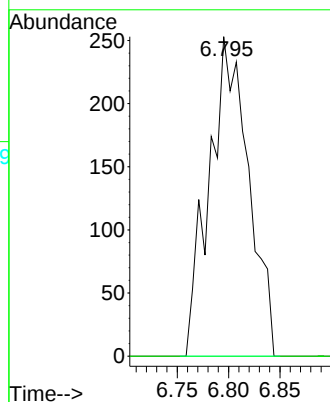
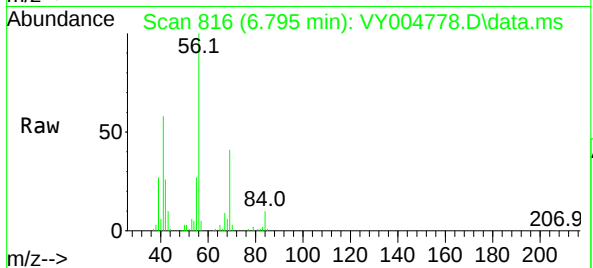
Acq: 14 May 2021 13:25

Tgt Ion: 77 Resp: 673

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#29

Tetrahydrofuran

Concen: 3.59 ug/l

RT: 7.381 min Scan# 912

Delta R.T. 0.024 min

Lab File: VY004778.D

Acq: 14 May 2021 13:25

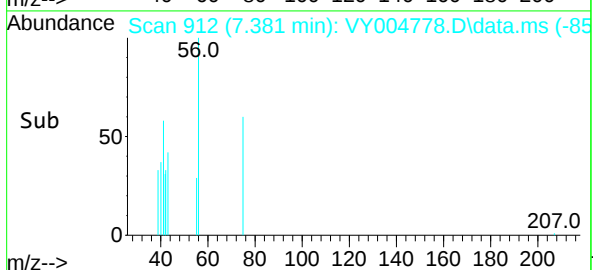
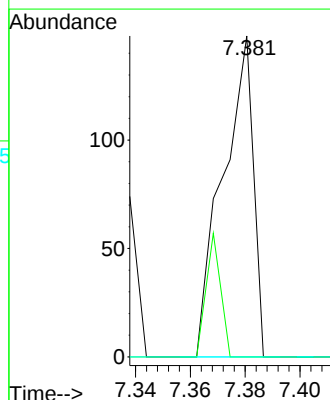
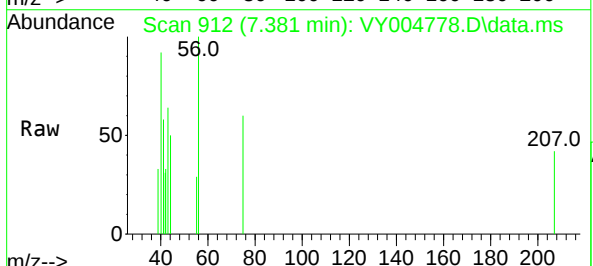
Tgt Ion: 42 Resp: 114

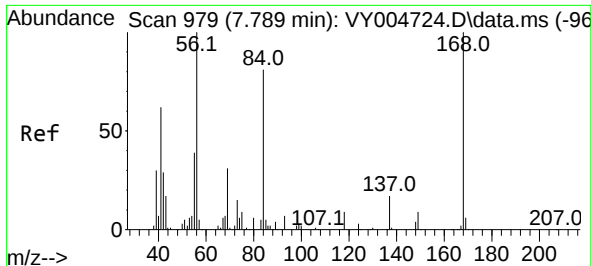
Ion Ratio Lower Upper

42 100

72 18.4 29.4 44.0#

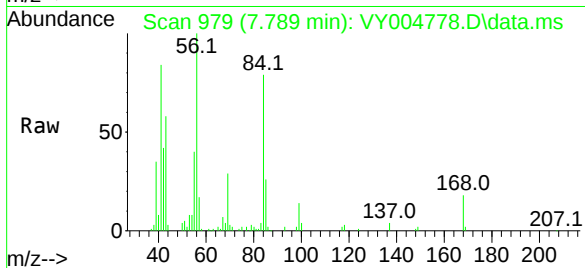
71 0.0 28.0 42.0#



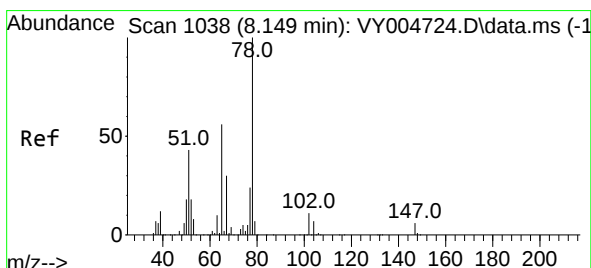
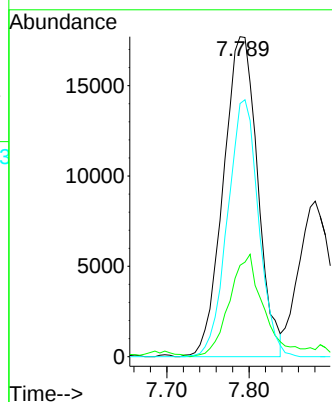
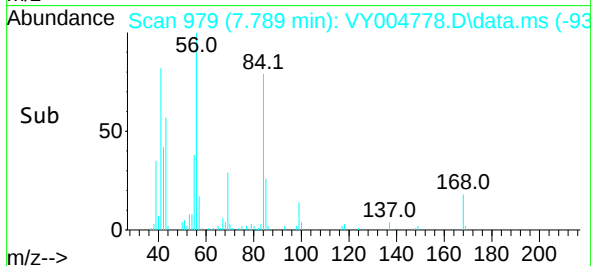


#31
Cyclohexane
Concen: 254.36 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

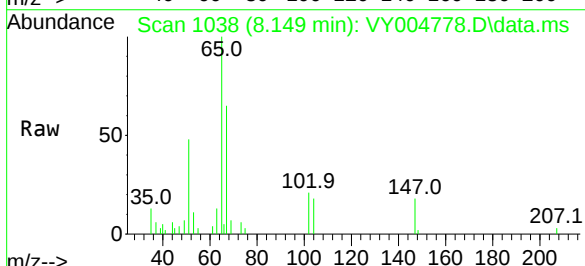
Instrument :
MSVOA_Y
ClientSampleId :



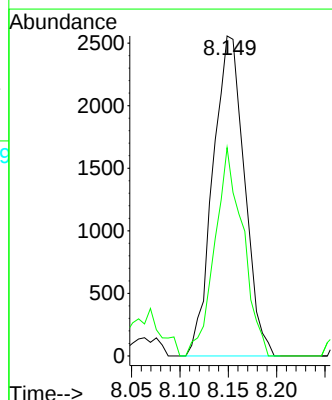
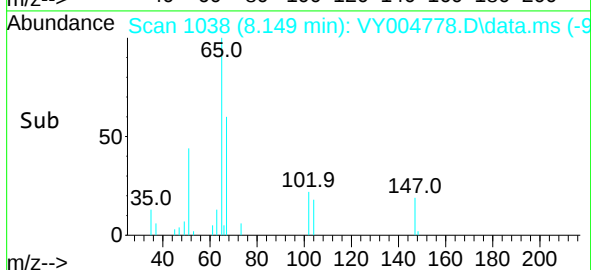
Tgt Ion: 56 Resp: 51416
Ion Ratio Lower Upper
56 100
69 27.8 24.4 36.6
84 79.1 64.8 97.2

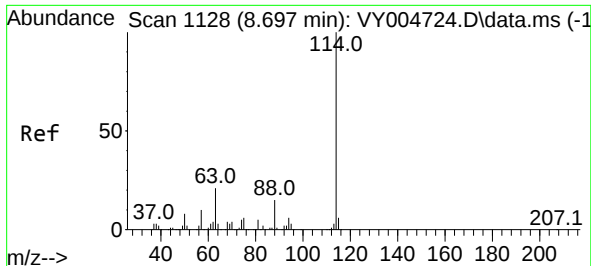


#33
1,2-Dichloroethane-d4
Concen: 46.37 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25



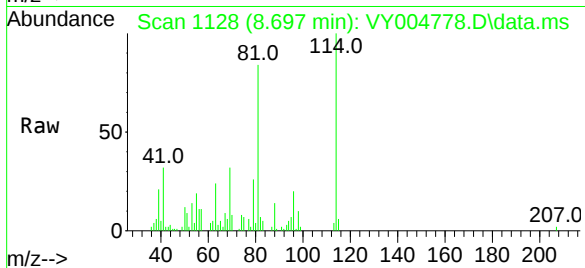
Tgt Ion: 65 Resp: 5790
Ion Ratio Lower Upper
65 100
67 58.5 0.0 108.0



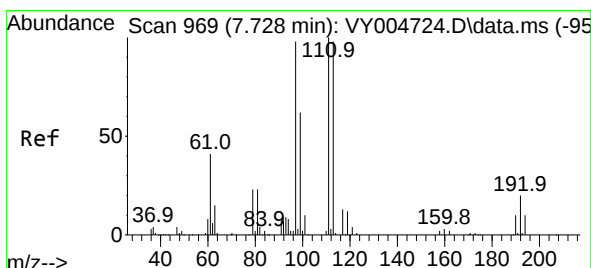
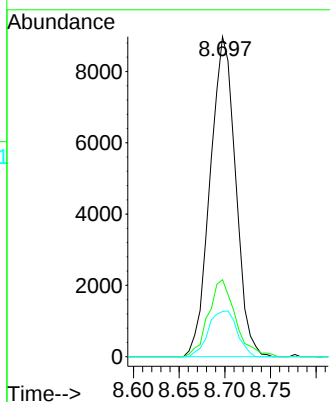
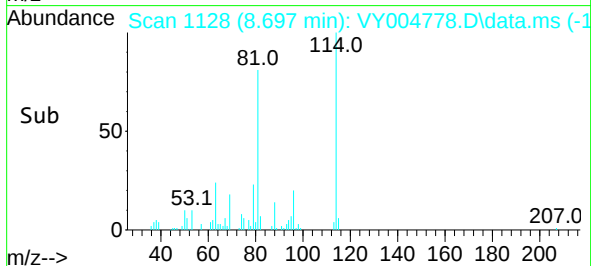


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

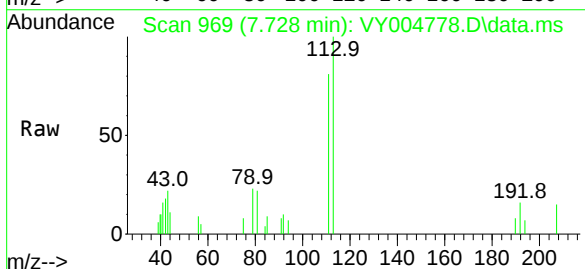
Instrument :
MSVOA_Y
ClientSampled :



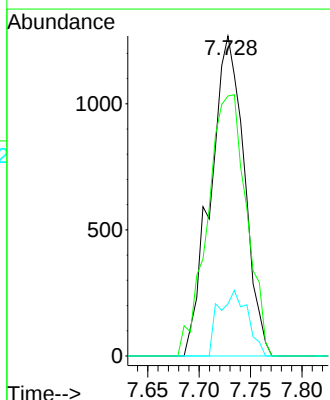
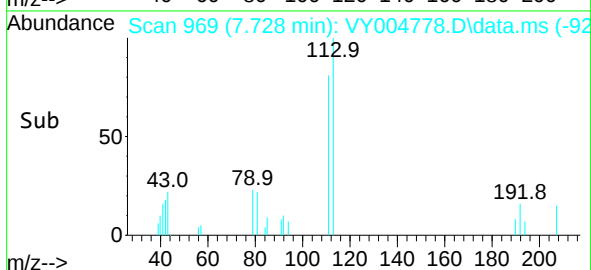
Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	42.8
88	14.1	0.0	31.0

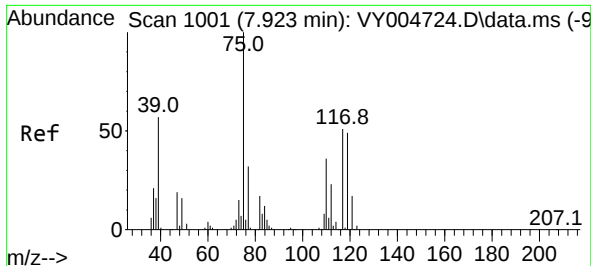


#35
Dibromofluoromethane
Concen: 30.42 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25



Tgt Ion	Ratio	Lower	Upper
113	100		
111	94.3	80.5	120.7
192	17.5	15.0	22.6

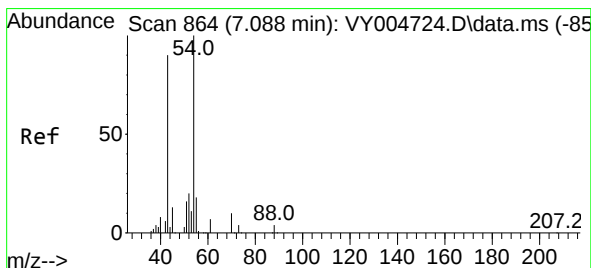
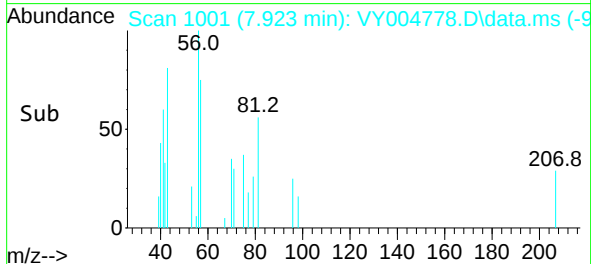
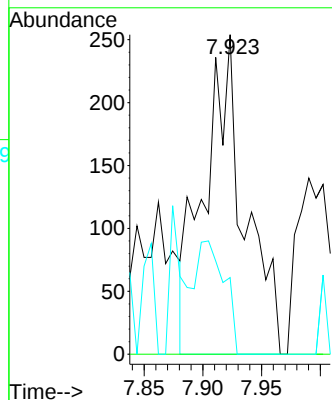
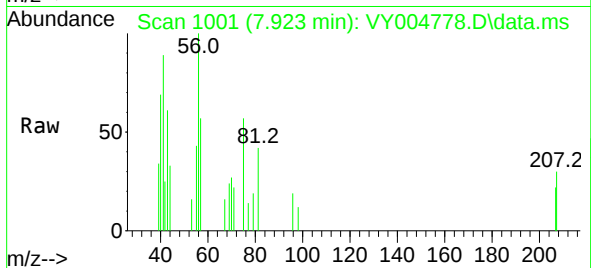




#36
1,1-Dichloropropene
Concen: 3.41 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

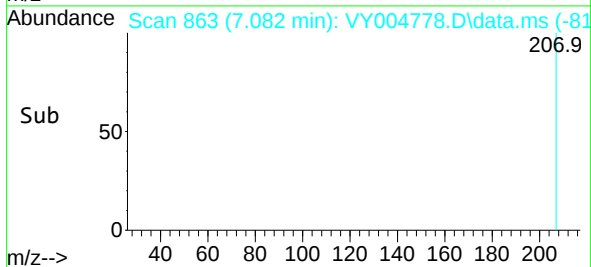
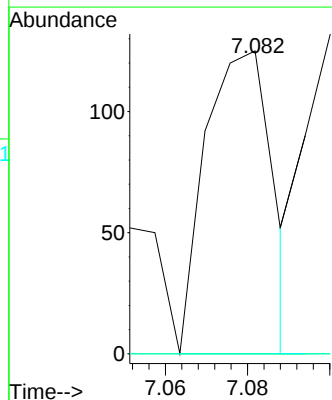
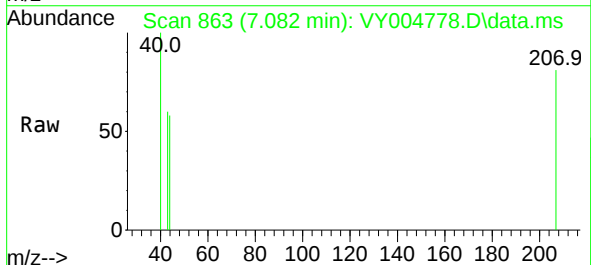
Instrument :
MSVOA_Y
ClientSampleId :

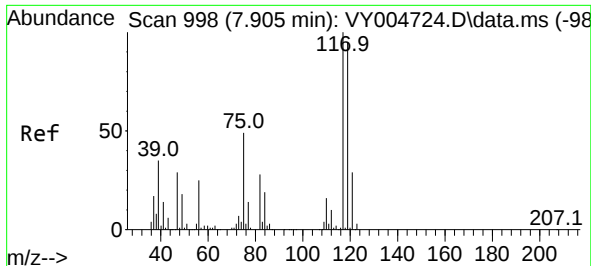
Tgt Ion: 75 Resp: 607
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 22.4 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.16 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

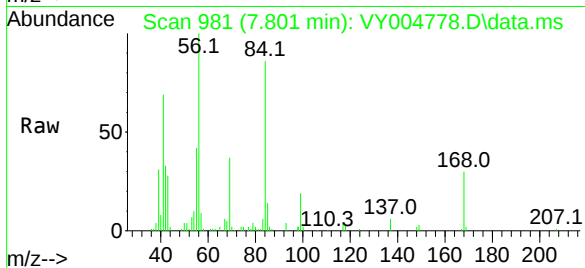
Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
61 0.0 9.9 14.9#
70 0.0 6.7 10.1#



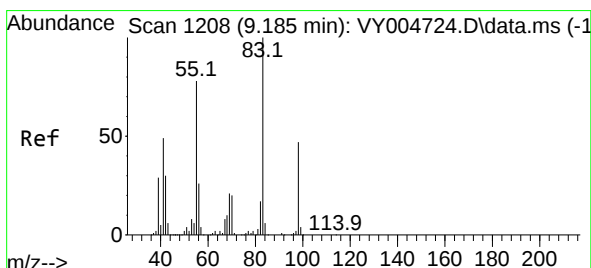
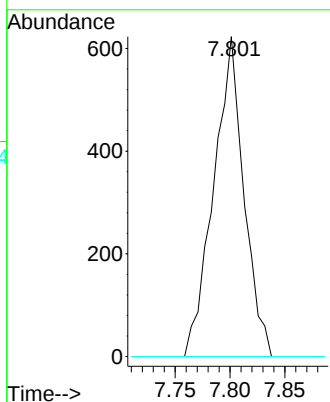
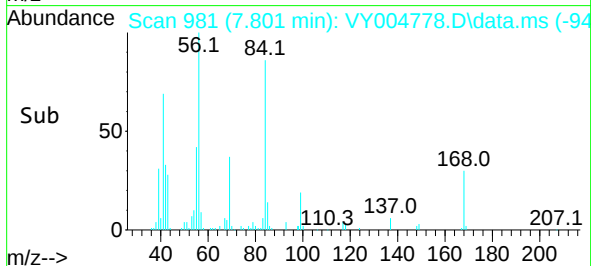


#38
Carbon Tetrachloride
Concen: 7.45 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

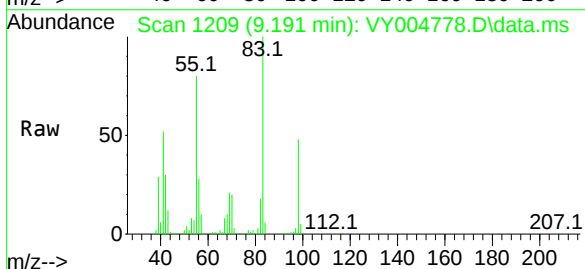
Instrument :
MSVOA_Y
ClientSampleId :



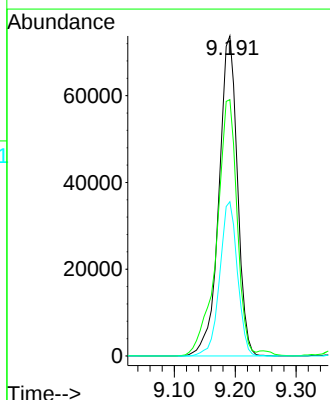
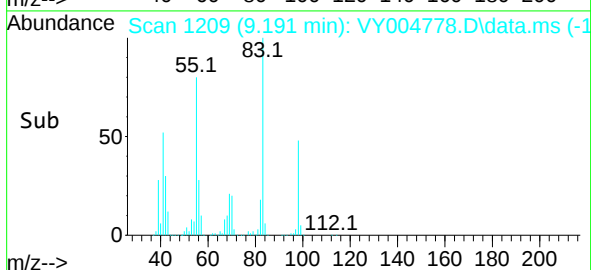
Tgt Ion:117 Resp: 1194
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
121 0.0 23.0 34.6#

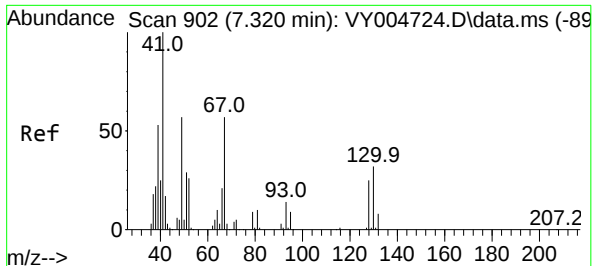


#39
Methylcyclohexane
Concen: 797.12 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25



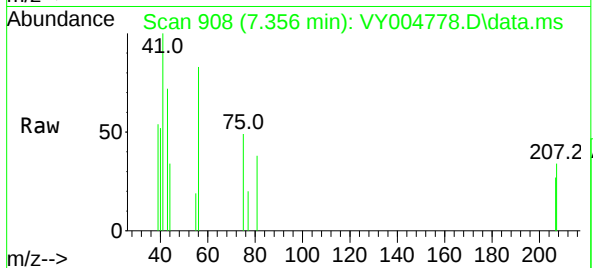
Tgt Ion: 83 Resp: 154957
Ion Ratio Lower Upper
83 100
55 80.0 62.6 94.0
98 48.2 37.8 56.6



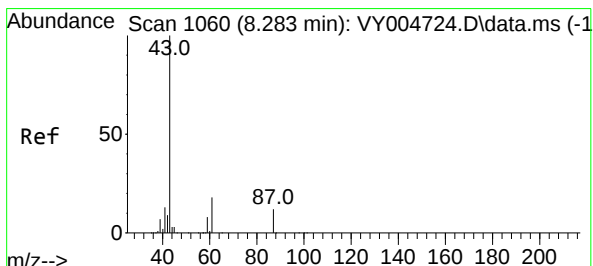
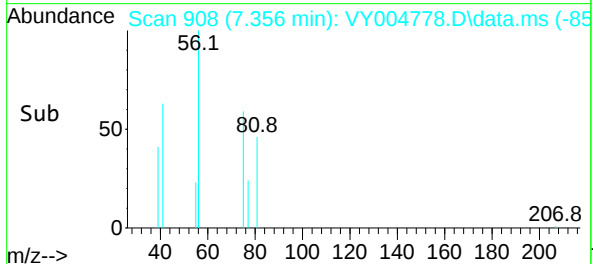
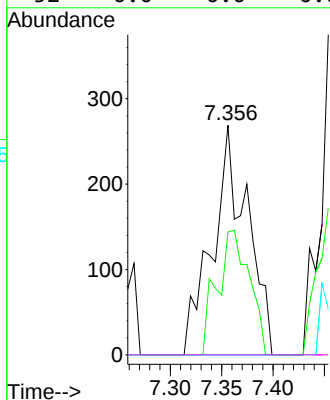


#41
Methacrylonitrile
Concen: 9.57 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.037 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Instrument :
MSVOA_Y
ClientSampleId :

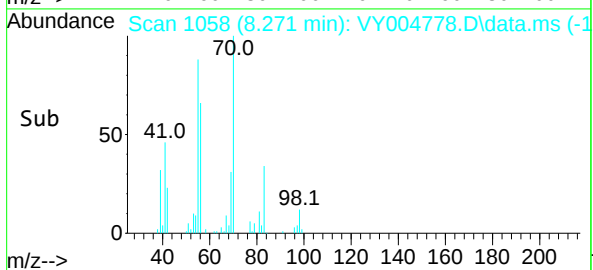
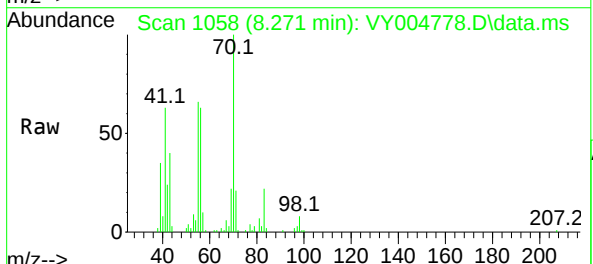
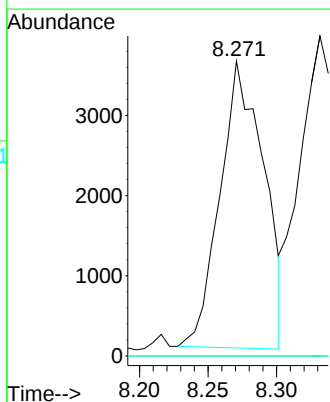


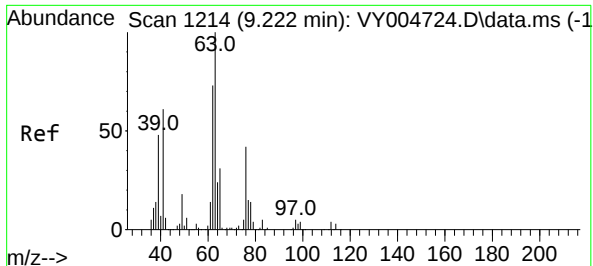
Tgt Ion:	41	Resp:	639
Ion	Ratio	Lower	Upper
41	100		
39	49.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 34.89 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.012 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion:	43	Resp:	7912
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.3	30.5#
87	0.0	9.2	13.8#

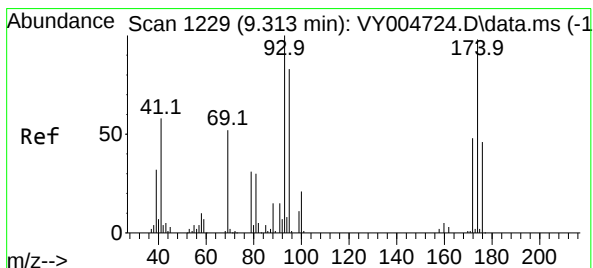
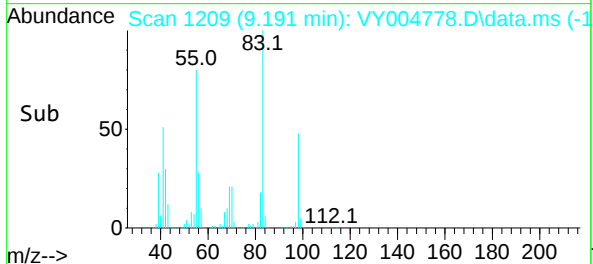
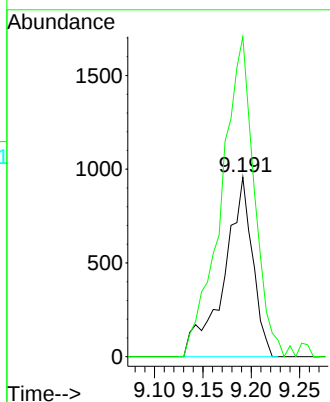
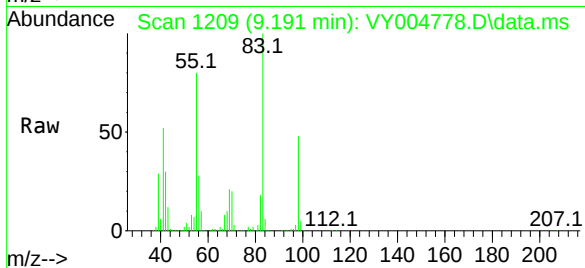




#45
1,2-Dichloropropane
Concen: 14.91 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.030 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

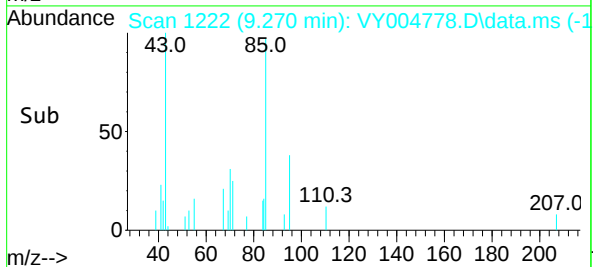
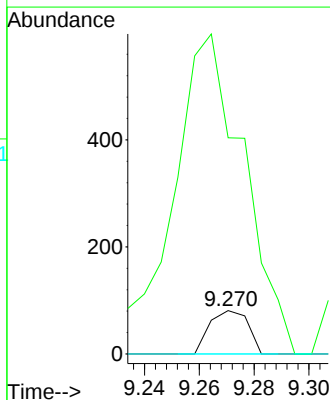
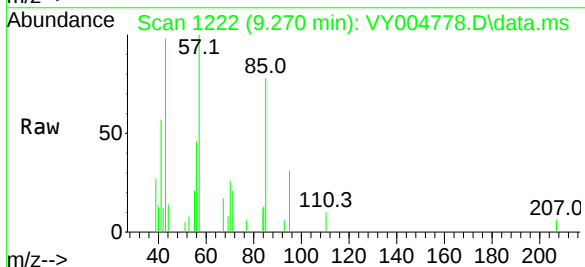
Instrument :
MSVOA_Y
ClientSampled :

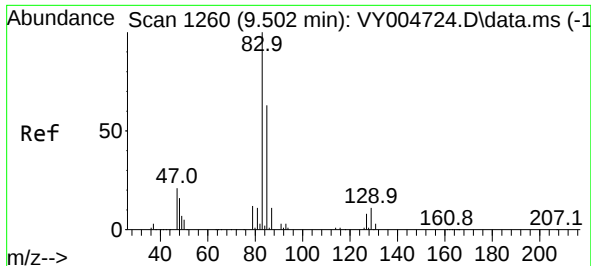
Tgt Ion: 63 Resp: 1965
Ion Ratio Lower Upper
63 100
65 178.2 25.0 37.4#



#46
Dibromomethane
Concen: 1.08 ug/l
RT: 9.270 min Scan# 1222
Delta R.T. -0.043 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

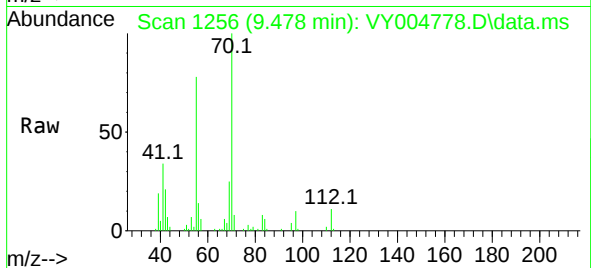
Tgt Ion: 93 Resp: 79
Ion Ratio Lower Upper
93 100
95 1317.7 66.8 100.2#
174 0.0 75.9 113.9#



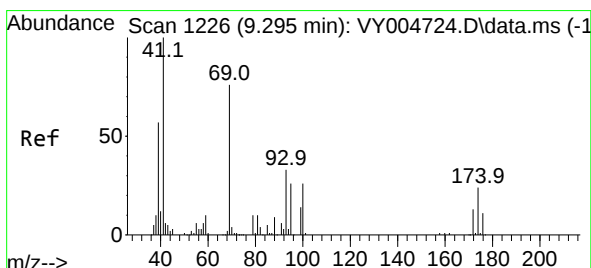
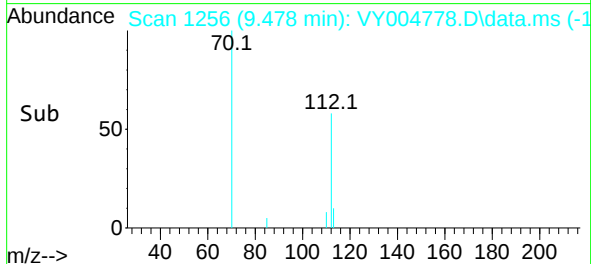
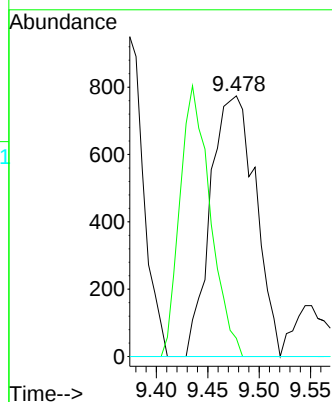


#47
Bromodichloromethane
Concen: 13.52 ug/l
RT: 9.478 min Scan# 1256
Delta R.T. -0.024 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Instrument :
MSVOA_Y
ClientSampleId :

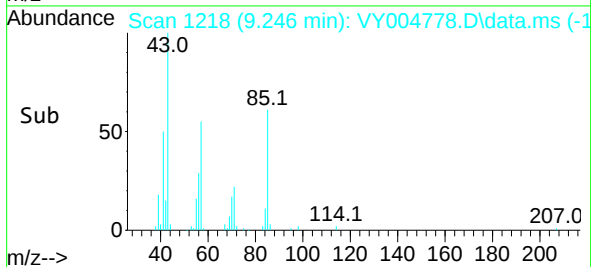
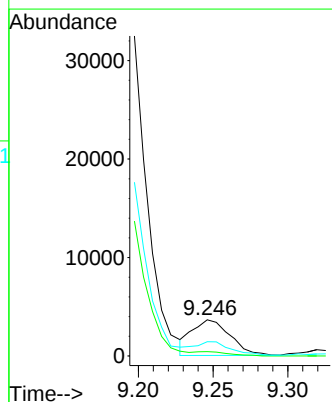
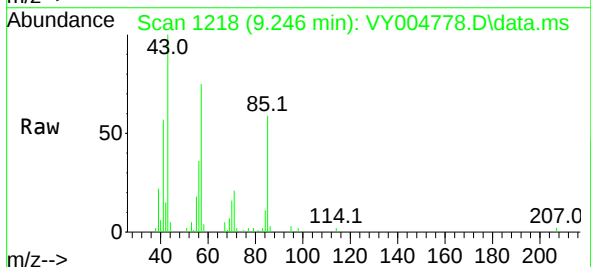


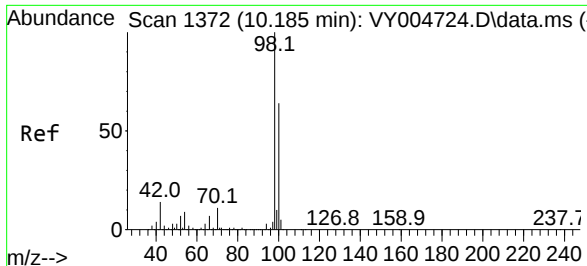
Tgt Ion: 83 Resp: 2352
Ion Ratio Lower Upper
83 100
85 7.0 50.4 75.6#
127 0.0 6.6 9.8#



#48
Methyl methacrylate
Concen: 62.39 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.049 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion: 41 Resp: 6439
Ion Ratio Lower Upper
41 100
69 0.0 62.0 93.0#
39 31.6 48.4 72.6#

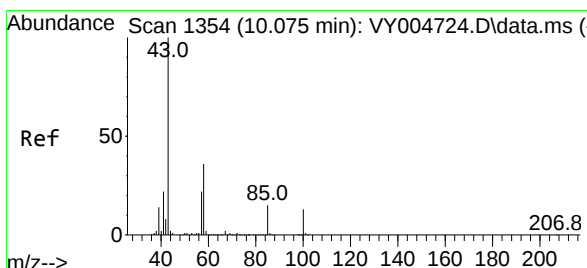
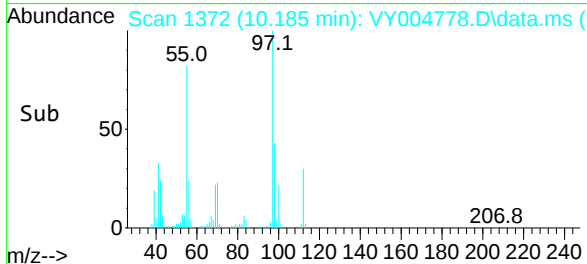
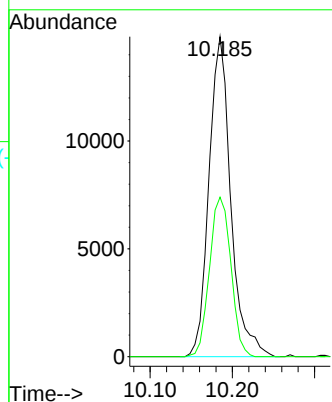
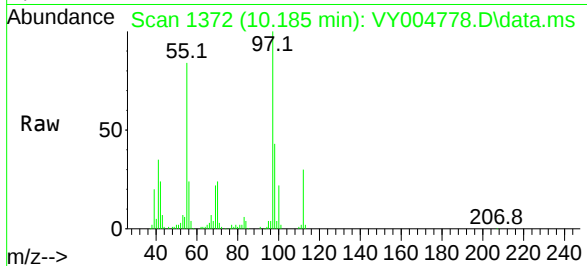




#50
Toluene-d8
Concen: 63.73 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

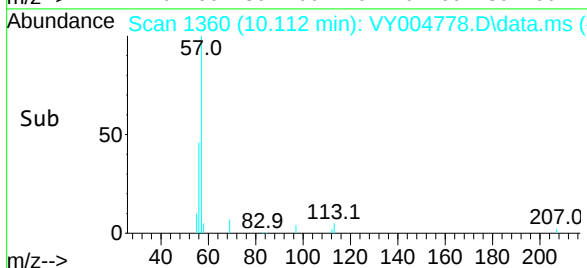
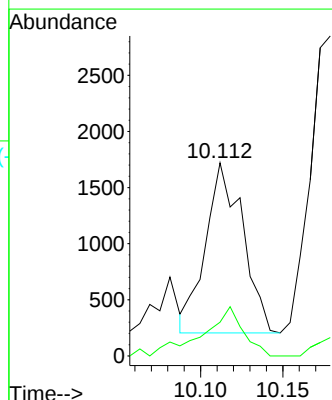
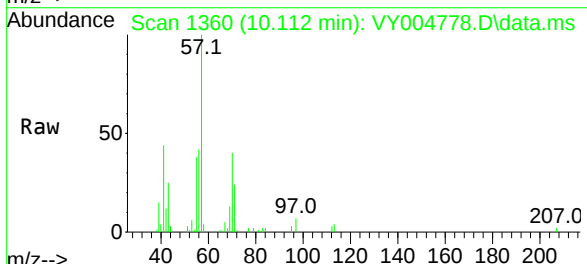
Instrument :
MSVOA_Y
ClientSampled :

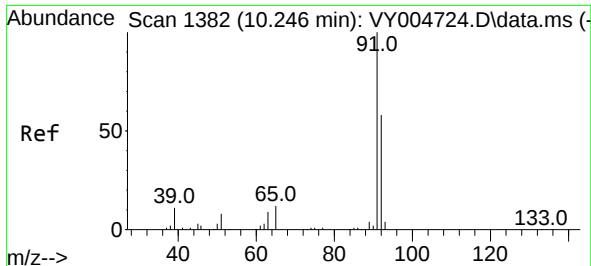
Tgt Ion: 98 Resp: 27413
Ion Ratio Lower Upper
98 100
100 48.8 51.5 77.3#



#51
4-Methyl-2-Pentanone
Concen: 19.56 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.037 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion: 43 Resp: 2386
Ion Ratio Lower Upper
43 100
58 32.2 28.7 43.1

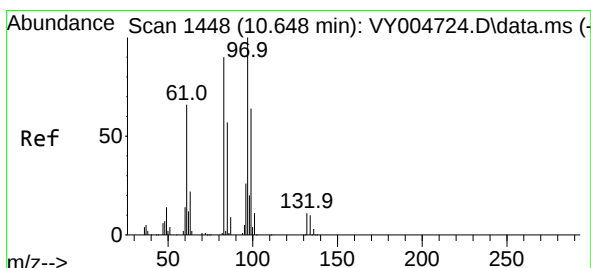
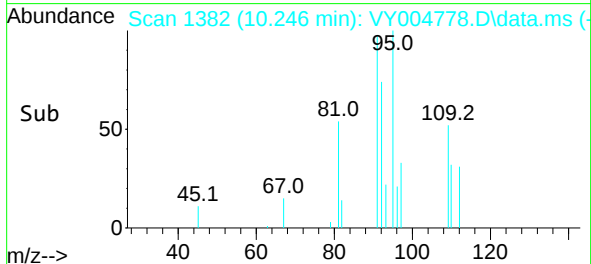
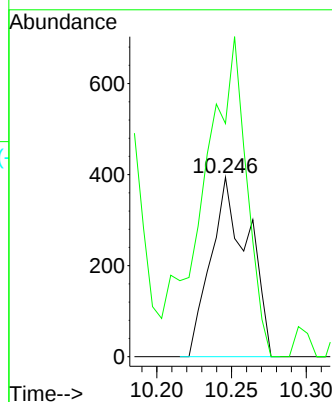
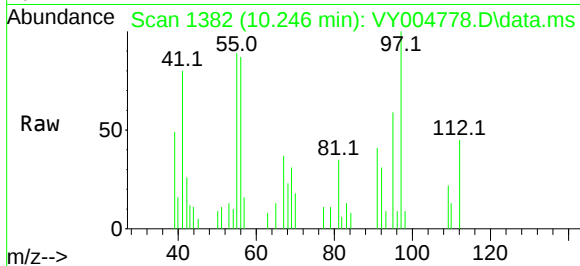




#52
Toluene
Concen: 2.16 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

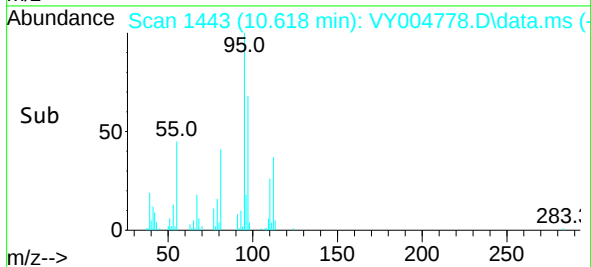
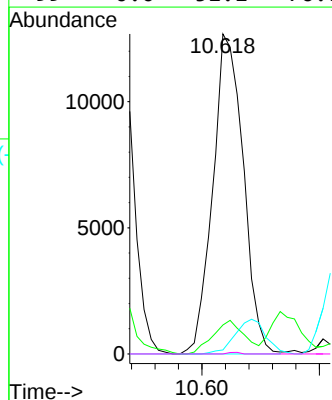
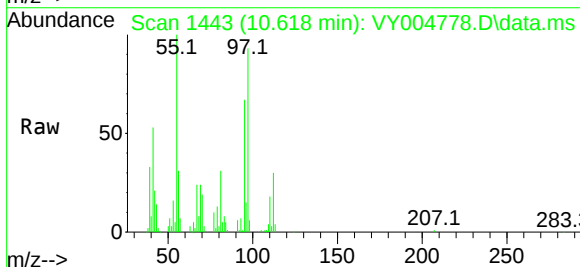
Instrument :
MSVOA_Y
ClientSampleId :

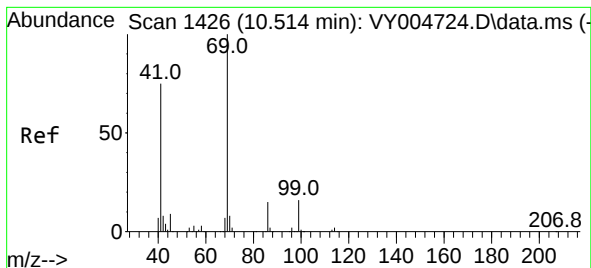
Tgt Ion: 92 Resp: 687
Ion Ratio Lower Upper
92 100
91 203.3 138.2 207.4



#55
1,1,2-Trichloroethane
Concen: 226.50 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion: 97 Resp: 22854
Ion Ratio Lower Upper
97 100
83 9.1 71.9 107.9#
85 1.3 45.8 68.6#
99 0.0 51.1 76.7#

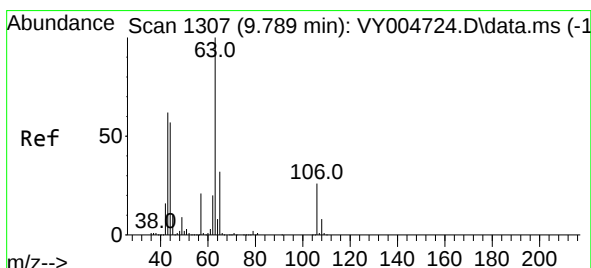
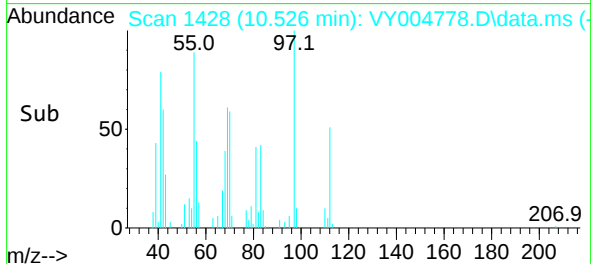
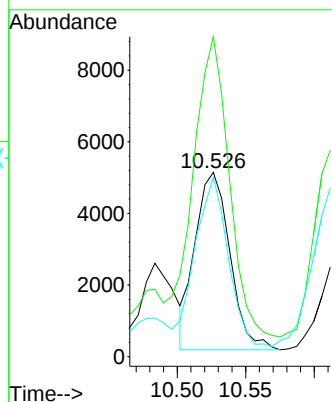
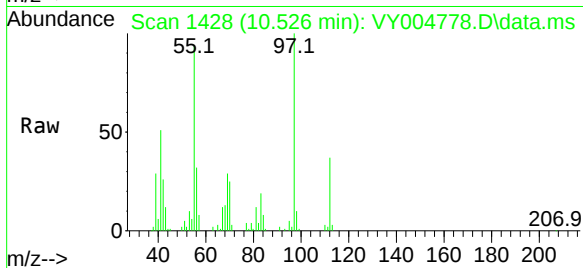




#56
Ethyl methacrylate
Concen: 60.01 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.012 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

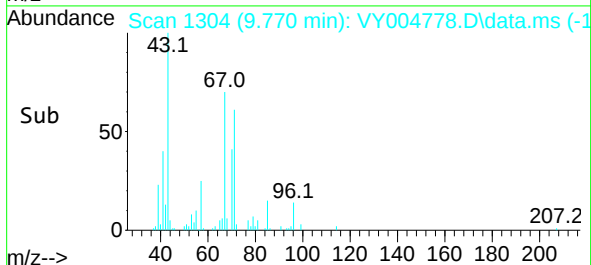
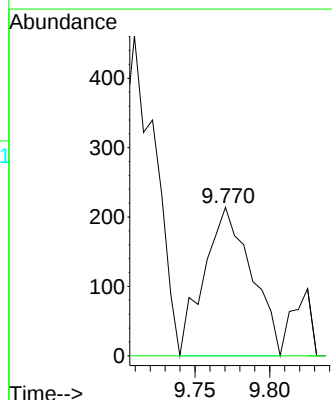
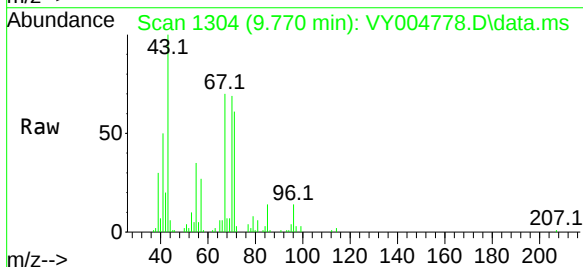
Instrument :
MSVOA_Y
ClientSampled :

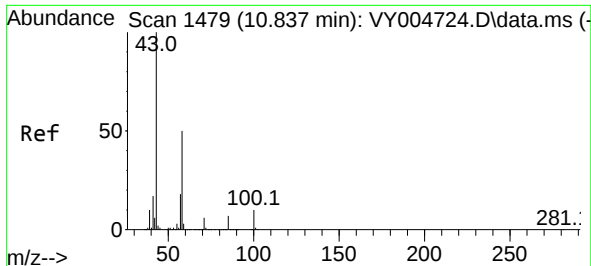
Tgt Ion: 69 Resp: 8756
Ion Ratio Lower Upper
69 100
41 174.9 60.2 90.4#
39 94.6 33.5 50.3#



#58
2-Chloroethyl Vinyl ether
Concen: 6.24 ug/l
RT: 9.770 min Scan# 1304
Delta R.T. -0.018 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion: 63 Resp: 470
Ion Ratio Lower Upper
63 100
106 0.0 20.9 31.3#

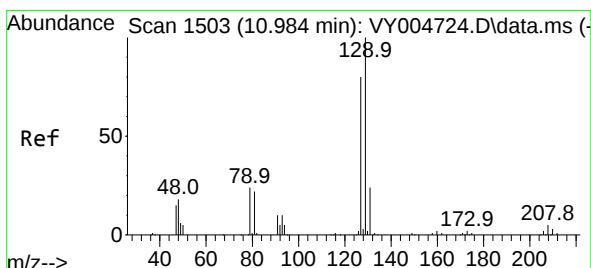
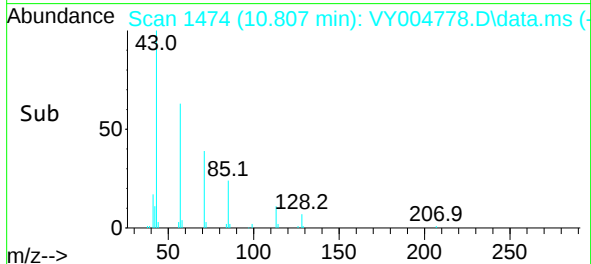
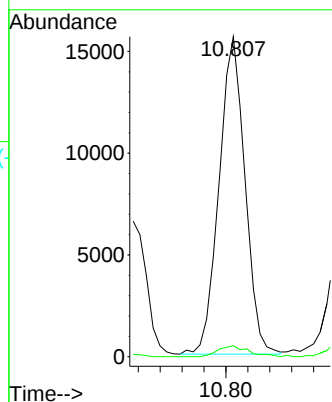
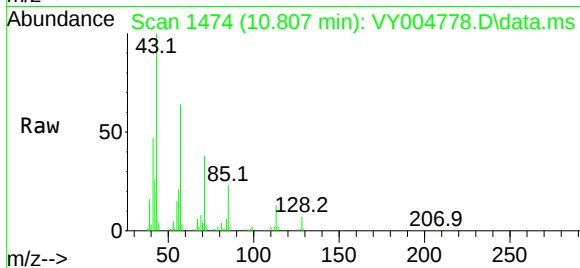




#59
2-Hexanone
Concen: 309.74 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.030 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

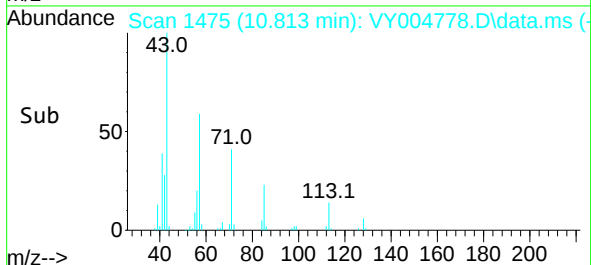
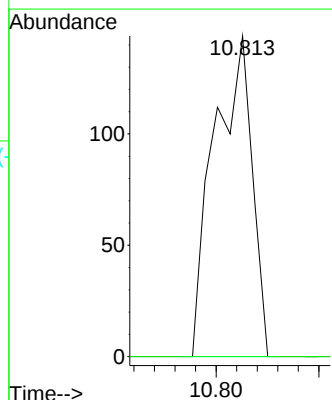
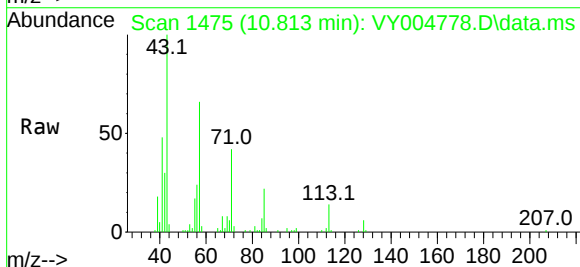
Instrument :
MSVOA_Y
ClientSampled :

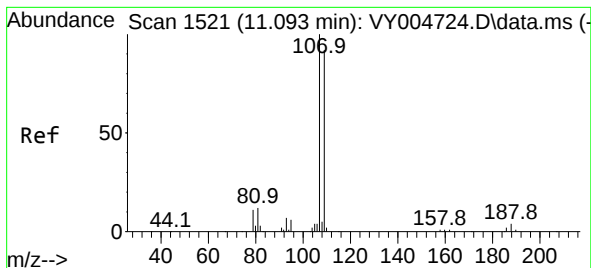
Tgt Ion: 43 Resp: 25609
Ion Ratio Lower Upper
43 100
58 4.1 24.9 74.8#



#60
Dibromochloromethane
Concen: 1.53 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. -0.171 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion: 129 Resp: 184
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.1#

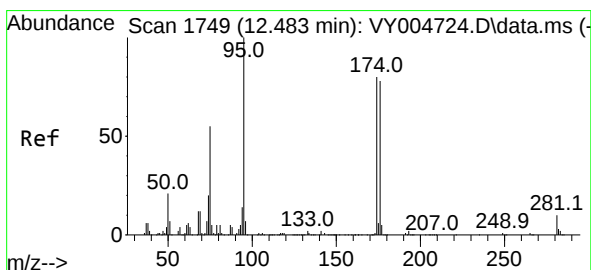
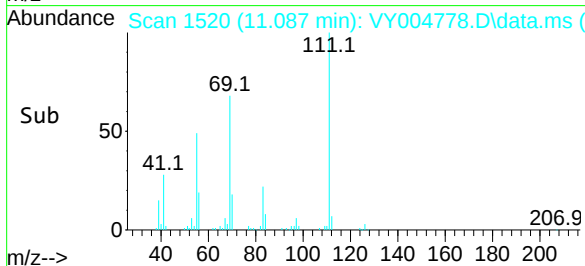
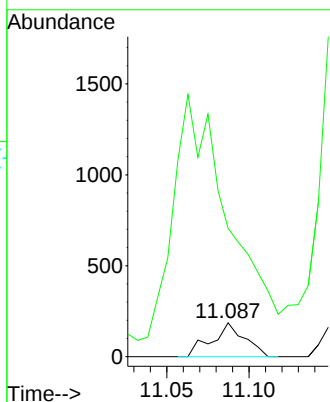
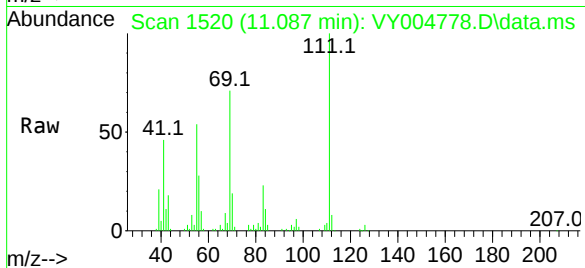




#61
1,2-Dibromoethane
Concen: 2.63 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

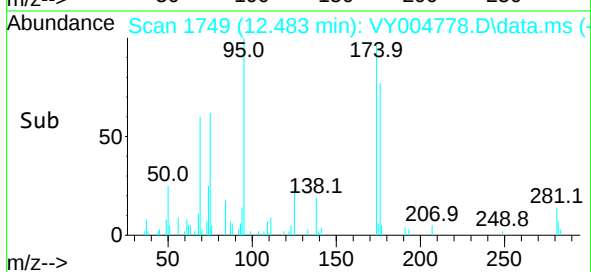
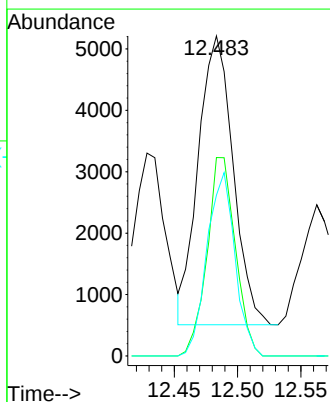
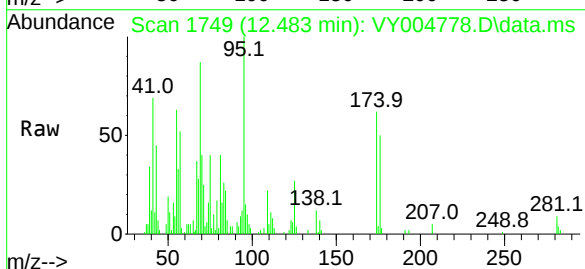
Instrument :
MSVOA_Y
ClientSampleId :

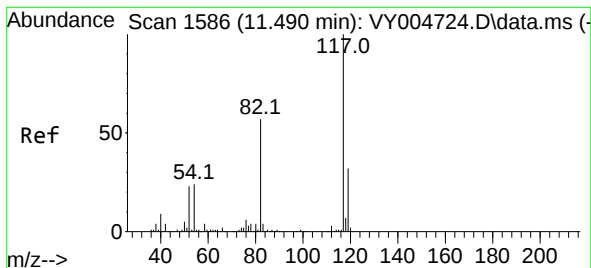
Tgt Ion:107 Resp: 256
Ion Ratio Lower Upper
107 100
109 0.0 73.8 110.6#



#62
4-Bromofluorobenzene
Concen: 61.82 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion: 95 Resp: 8975
Ion Ratio Lower Upper
95 100
174 56.1 0.0 164.2
176 51.2 0.0 159.0

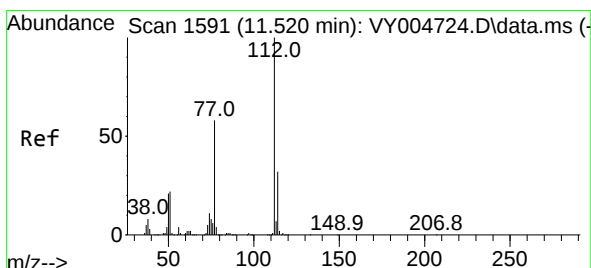
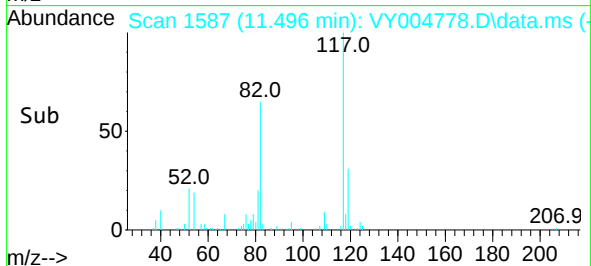
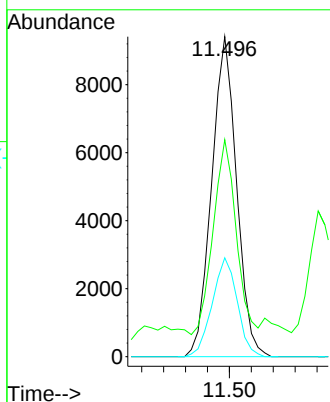
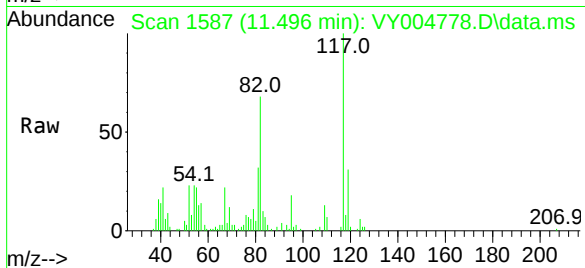




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

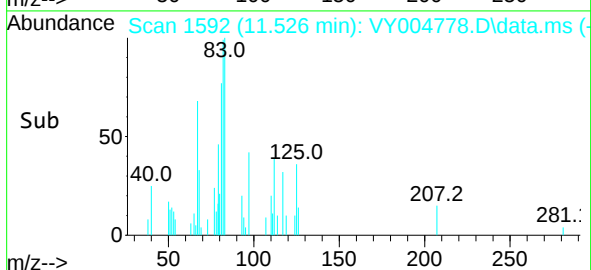
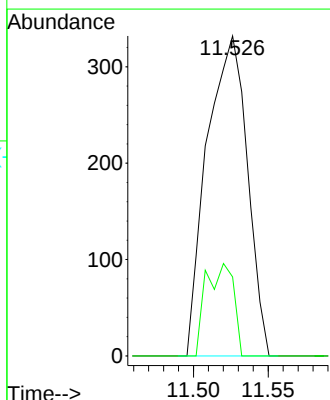
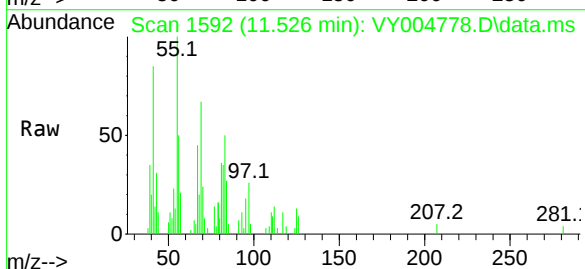
Instrument :
MSVOA_Y
ClientSampleId :

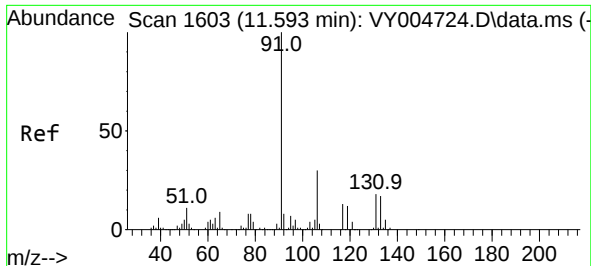
Tgt Ion:	117	Resp:	14856
Ion	Ratio	Lower	Upper
117	100		
82	59.2	45.4	68.2
119	30.9	25.8	38.6



#65
Chlorobenzene
Concen: 2.03 ug/l
RT: 11.526 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion:	112	Resp:	621
Ion	Ratio	Lower	Upper
112	100		
114	24.7	25.4	38.2#

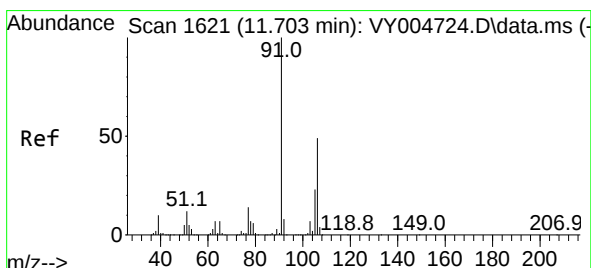
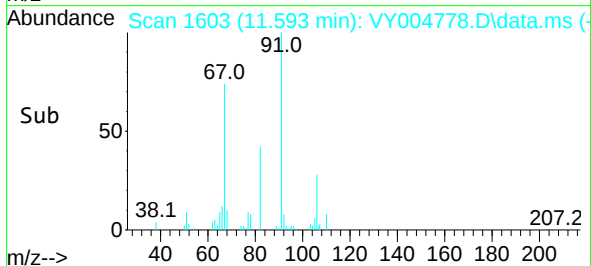
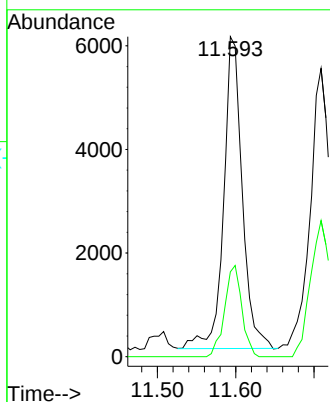
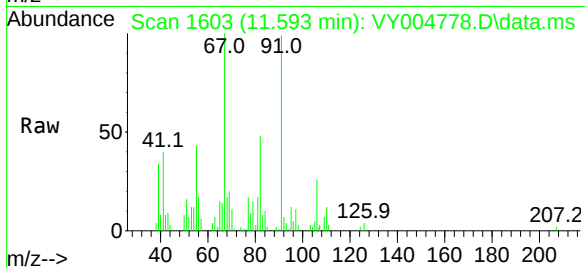




#67
Ethyl Benzene
Concen: 17.53 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

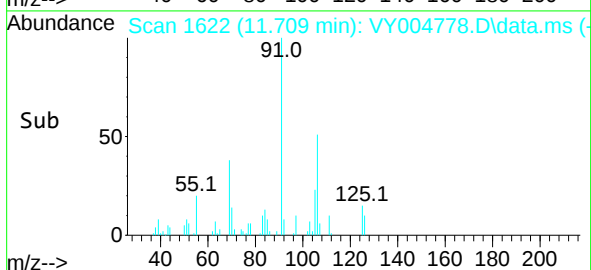
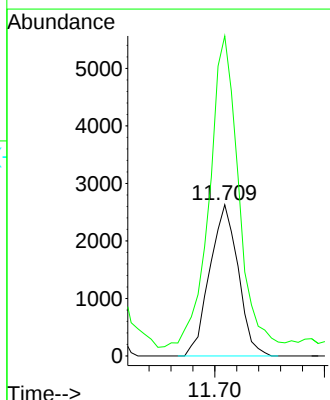
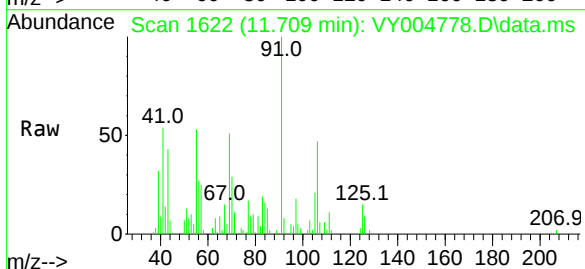
Instrument :
MSVOA_Y
ClientSampleId :

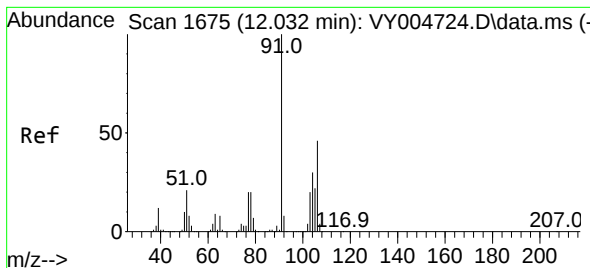
Tgt Ion: 91 Resp: 9956
Ion Ratio Lower Upper
91 100
106 27.2 24.0 36.0



#68
m/p-Xylenes
Concen: 22.17 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion:106 Resp: 4732
Ion Ratio Lower Upper
106 100
91 210.2 163.6 245.4

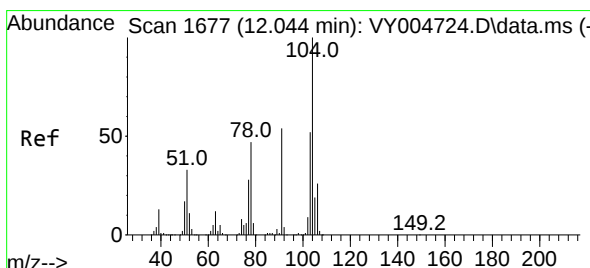
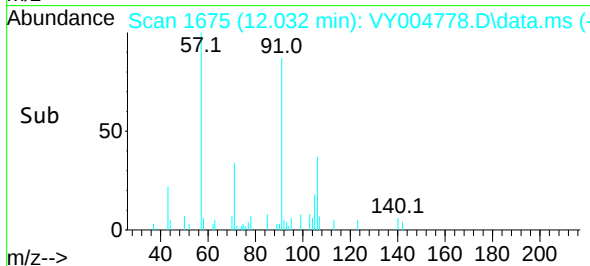
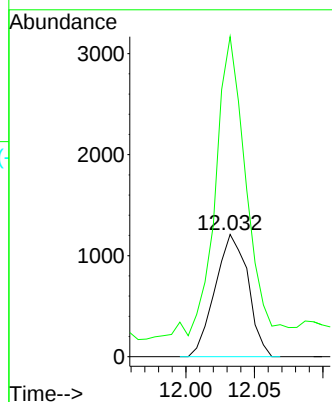
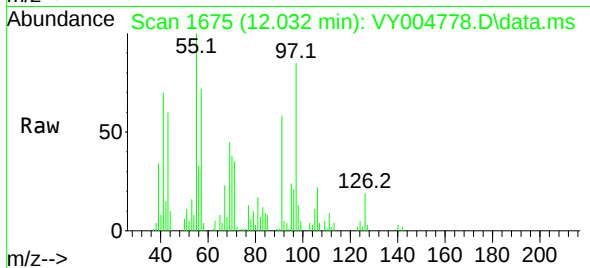




#69
o-Xylene
Concen: 10.12 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

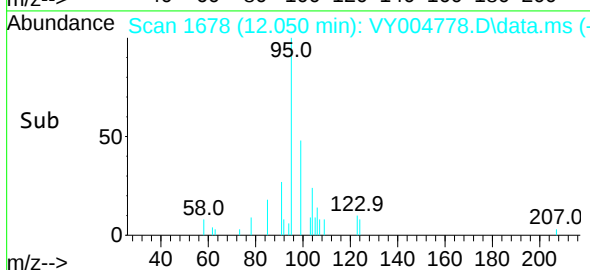
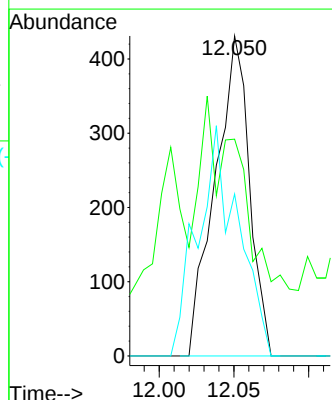
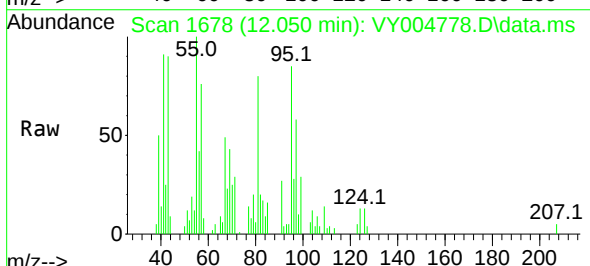
Instrument :
MSVOA_Y
ClientSampleId :

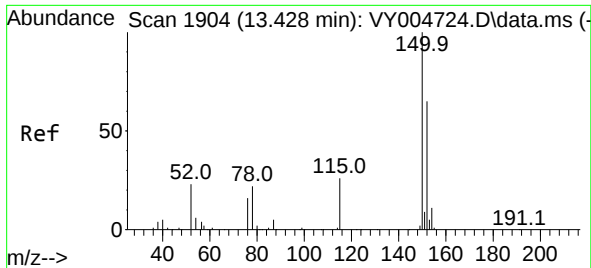
Tgt Ion:106 Resp: 2018
Ion Ratio Lower Upper
106 100
91 242.8 108.9 326.7



#70
Styrene
Concen: 2.05 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion:104 Resp: 686
Ion Ratio Lower Upper
104 100
78 19.0 40.3 60.5#
103 84.4 44.2 66.4#

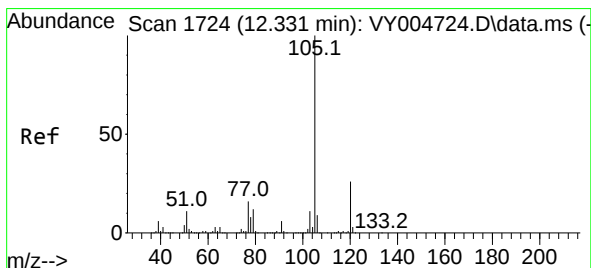
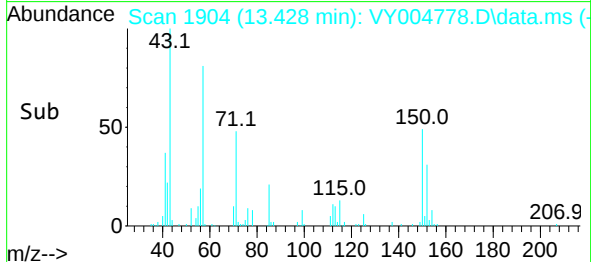
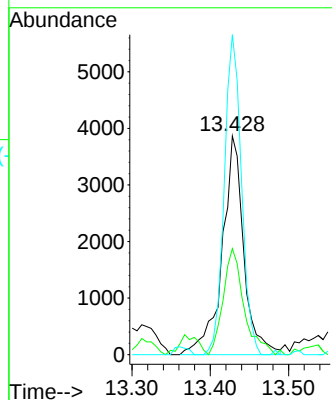
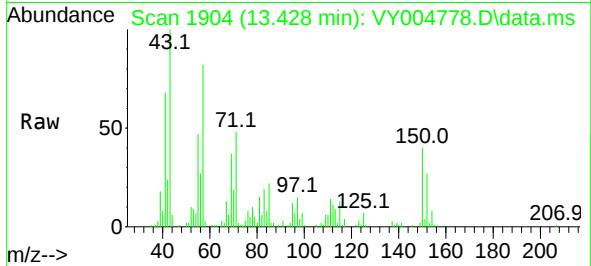




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004778.D
 Acq: 14 May 2021 13:25

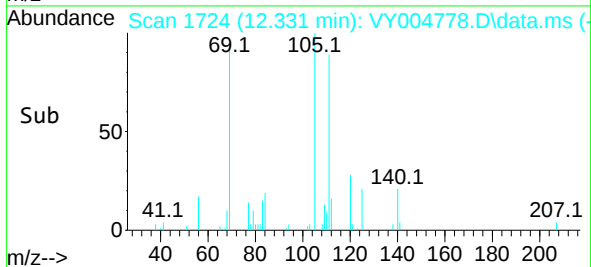
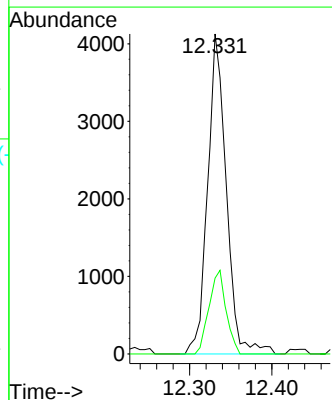
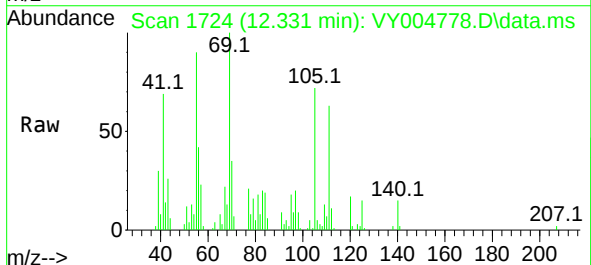
Instrument :
 MSVOA_Y
 ClientSampled :

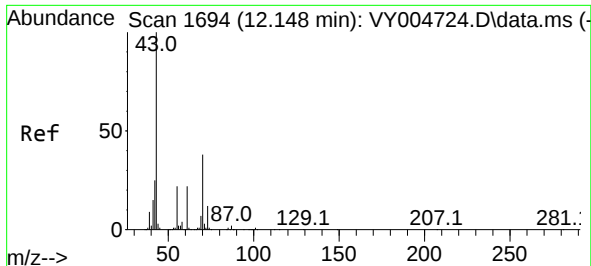
Tgt Ion:152 Resp: 7450
 Ion Ratio Lower Upper
 152 100
 115 46.7 29.4 88.3
 150 116.1 0.0 349.8



#73
 Isopropylbenzene
 Concen: 11.59 ug/l
 RT: 12.331 min Scan# 1724
 Delta R.T. 0.000 min
 Lab File: VY004778.D
 Acq: 14 May 2021 13:25

Tgt Ion:105 Resp: 6511
 Ion Ratio Lower Upper
 105 100
 120 23.9 13.1 39.1

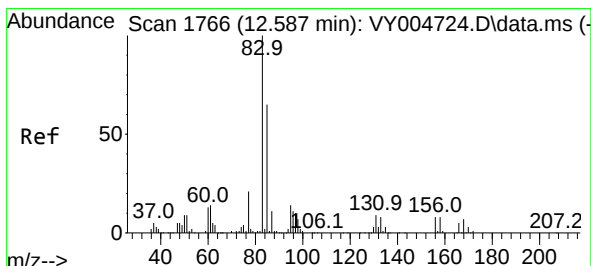
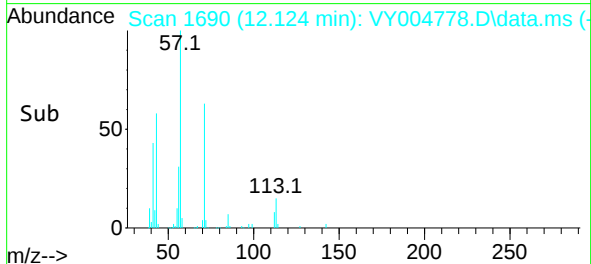
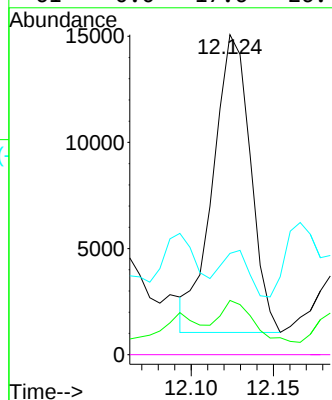
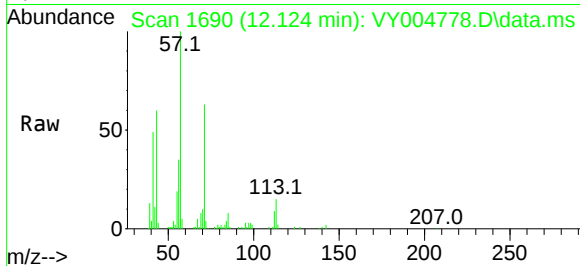




#74
N-amy1 acetate
Concen: 111.82 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

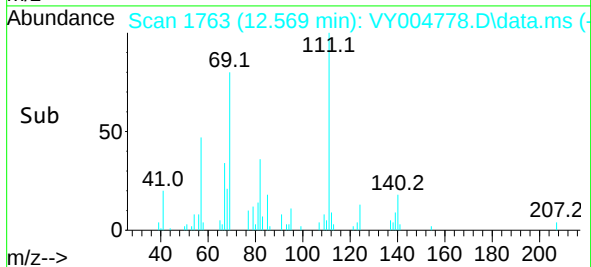
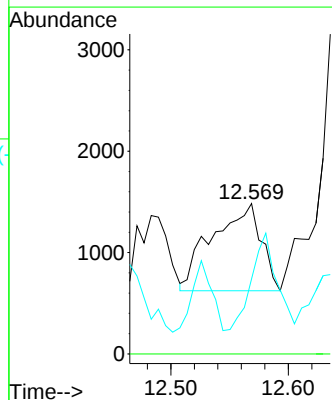
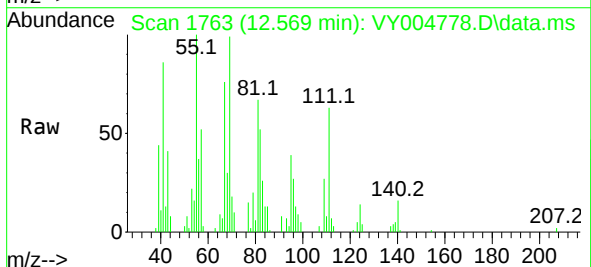
Instrument :
MSVOA_Y
ClientSampleId :

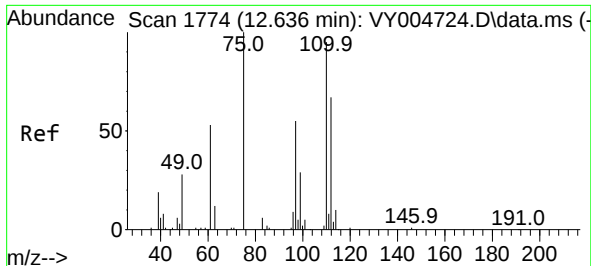
Tgt Ion: 43 Resp: 22220
Ion Ratio Lower Upper
43 100
70 12.0 30.2 45.2#
55 11.2 17.8 26.8#
61 0.0 17.6 26.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 21.99 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. -0.018 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion: 83 Resp: 2466
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 61.8 32.1 96.5

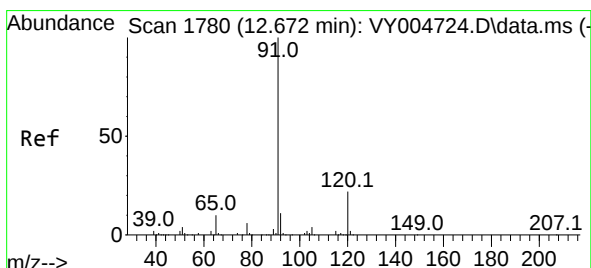
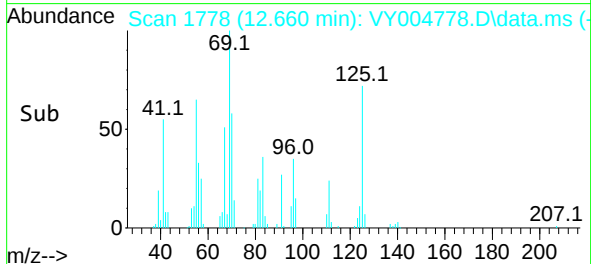
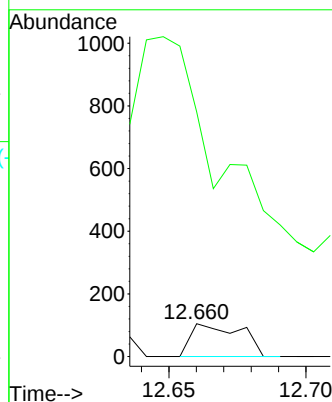
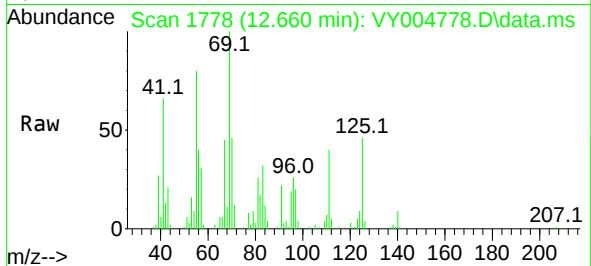




#76
1,2,3-Trichloropropane
Concen: 1.67 ug/l
RT: 12.660 min Scan# 1778
Delta R.T. 0.024 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

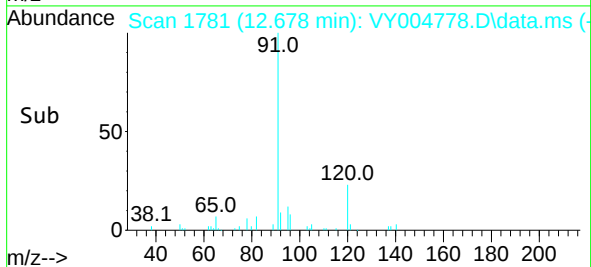
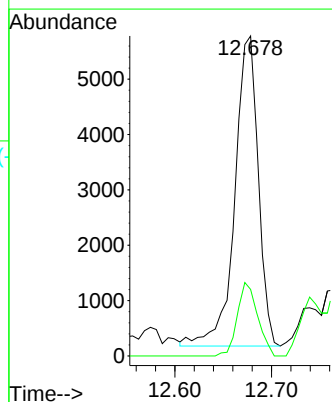
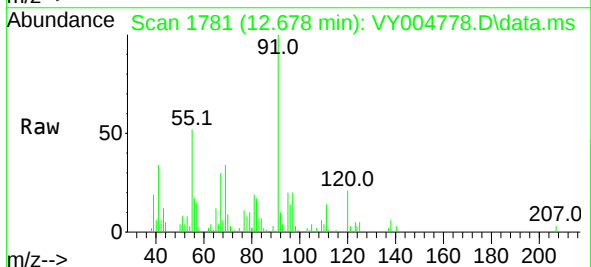
Instrument :
MSVOA_Y
ClientSampleId :

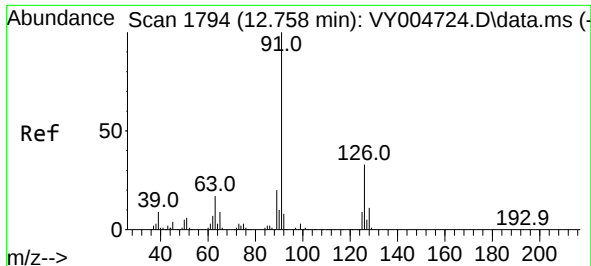
Tgt Ion: 75 Resp: 132
Ion Ratio Lower Upper
75 100
77 1325.8 0.0 0.0#



#78
n-propylbenzene
Concen: 13.82 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion: 91 Resp: 9477
Ion Ratio Lower Upper
91 100
120 20.4 11.1 33.3

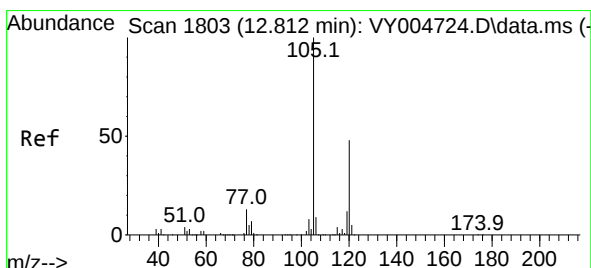
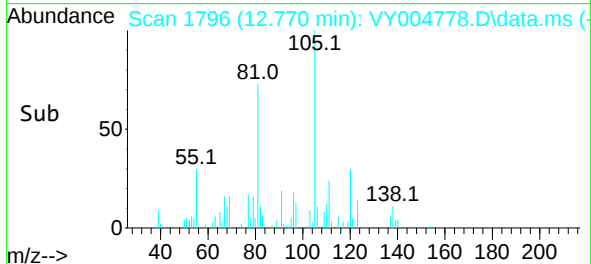
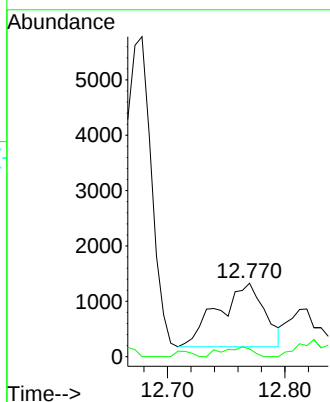
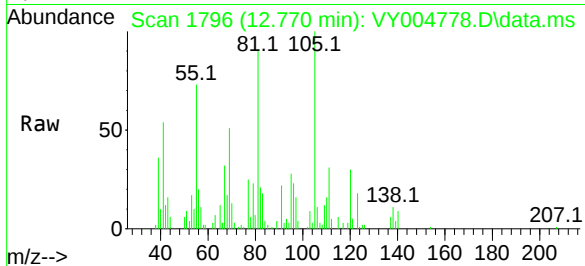




#79
2-Chlorotoluene
Concen: 8.40 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

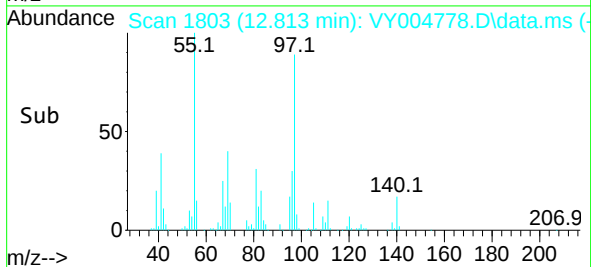
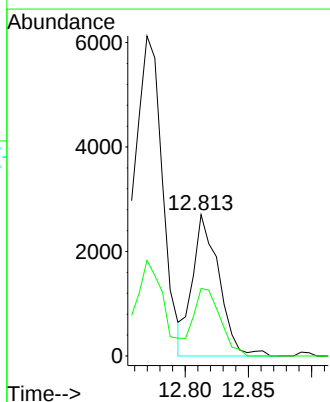
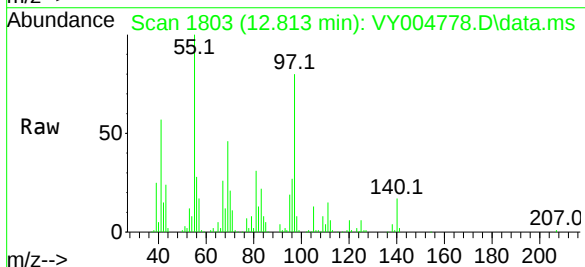
Instrument :
MSVOA_Y
ClientSampleId :

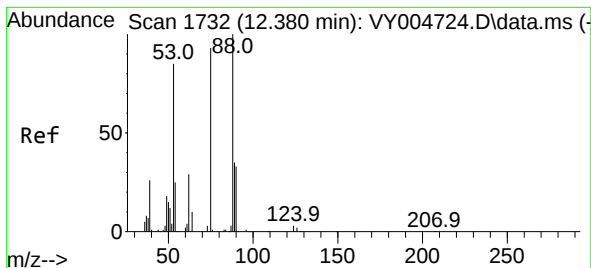
Tgt Ion: 91 Resp: 3163
Ion Ratio Lower Upper
91 100
126 9.7 16.8 50.3#



#80
1,3,5-Trimethylbenzene
Concen: 8.46 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion: 105 Resp: 3951
Ion Ratio Lower Upper
105 100
120 46.7 24.0 72.0

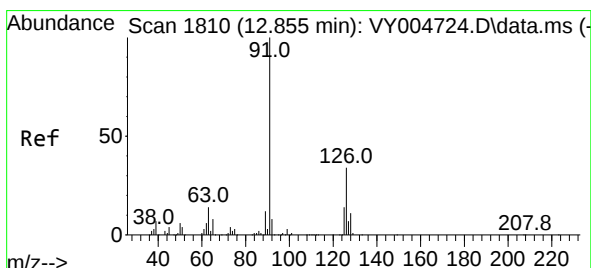
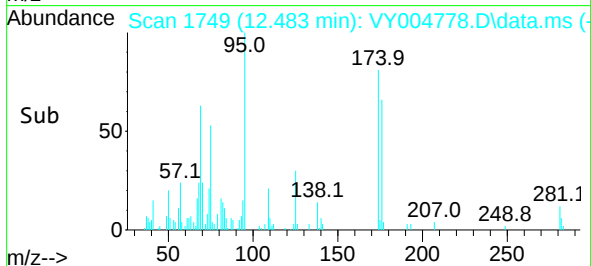
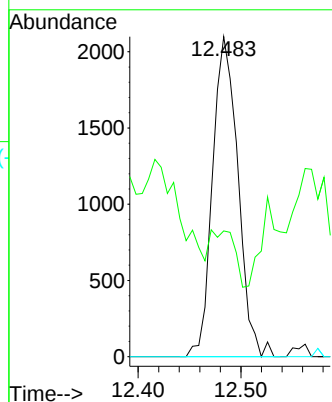
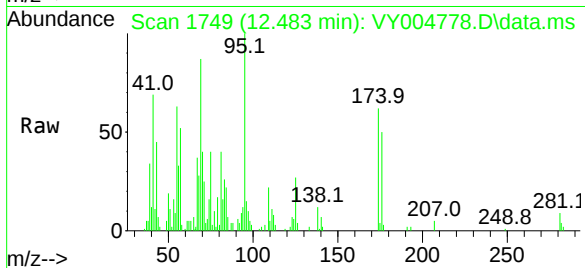




#81
trans-1,4-Dichloro-2-butene
Concen: 78.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

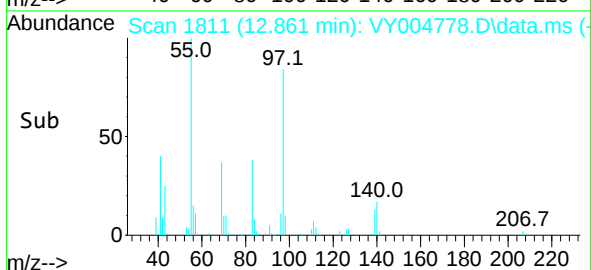
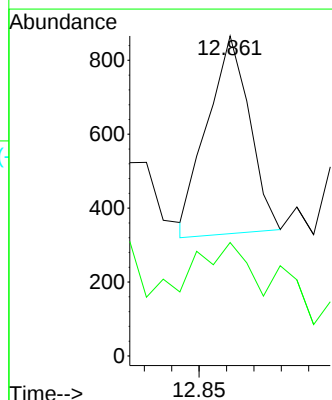
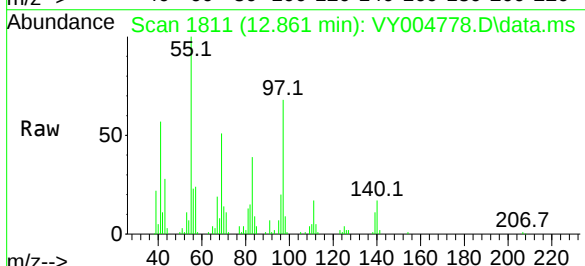
Instrument :
MSVOA_Y
ClientSampleId :

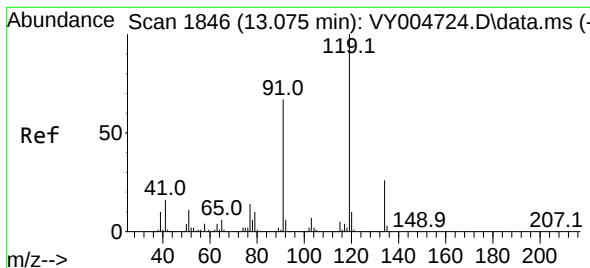
Tgt Ion: 75 Resp: 3598
Ion Ratio Lower Upper
75 100
53 16.9 73.9 110.9#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 1.47 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion: 91 Resp: 575
Ion Ratio Lower Upper
91 100
126 99.3 16.8 50.3#

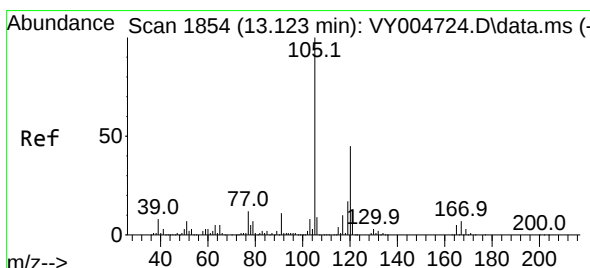
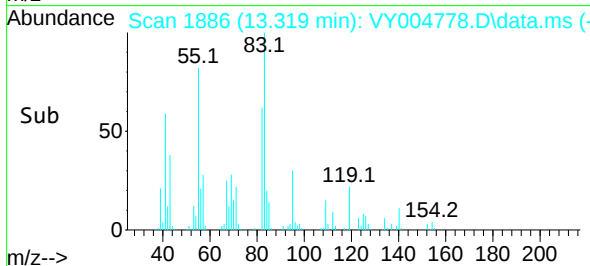
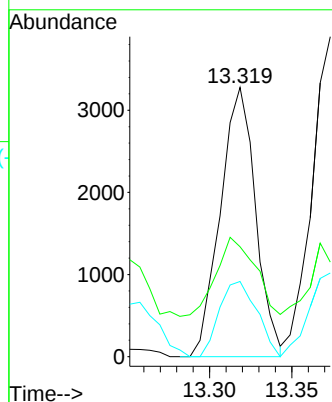
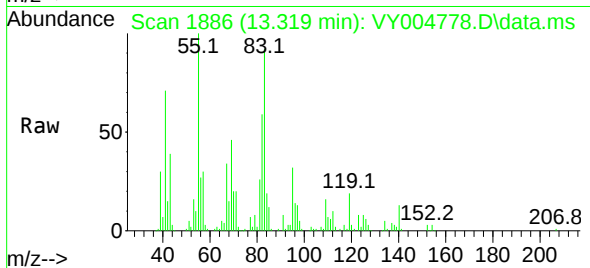




#83
tert-Butylbenzene
Concen: 12.28 ug/l
RT: 13.319 min Scan# 1886
Delta R.T. 0.244 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

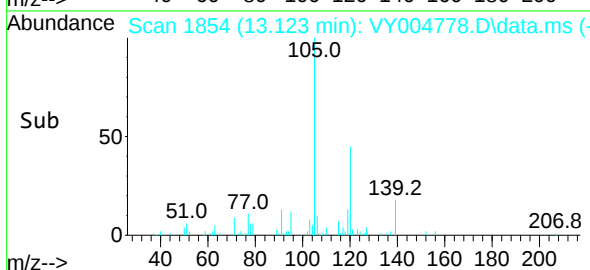
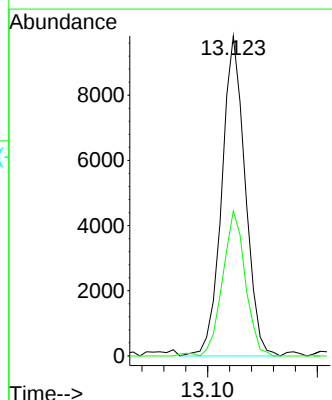
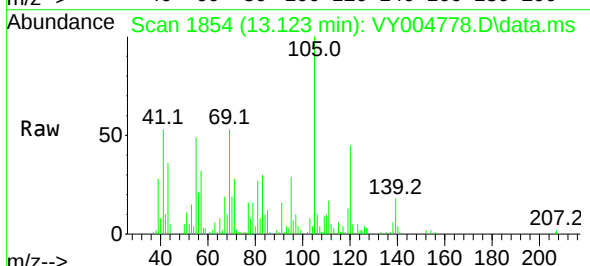
Instrument :
MSVOA_Y
ClientSampleId :

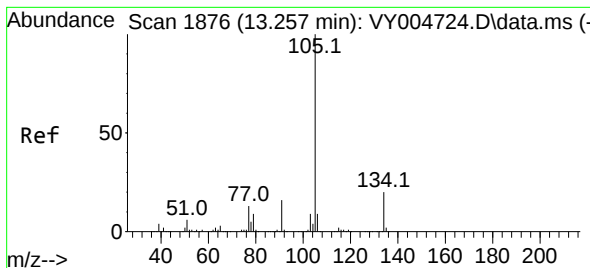
Tgt Ion:119 Resp: 4893
Ion Ratio Lower Upper
119 100
91 32.3 32.3 96.8
134 29.7 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 31.11 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion:105 Resp: 14534
Ion Ratio Lower Upper
105 100
120 43.6 22.5 67.5

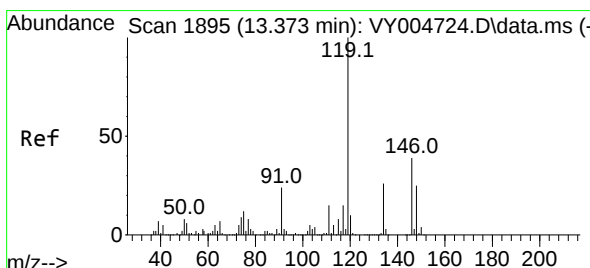
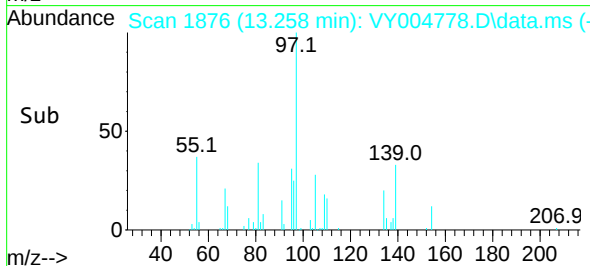
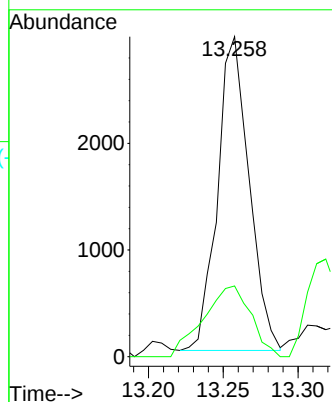
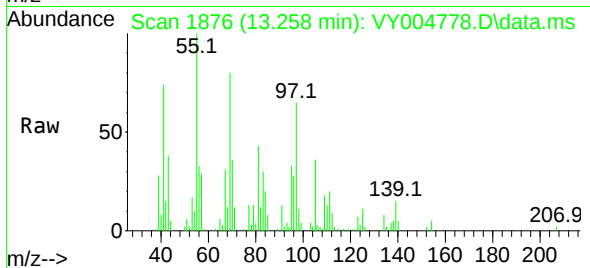




#85
 sec-Butylbenzene
 Concen: 7.47 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY004778.D
 Acq: 14 May 2021 13:25

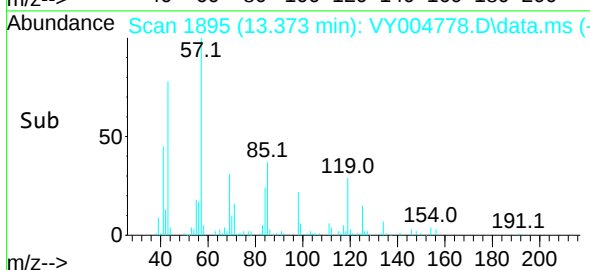
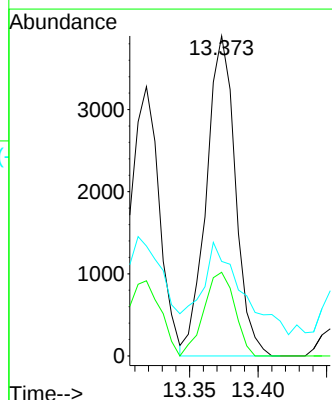
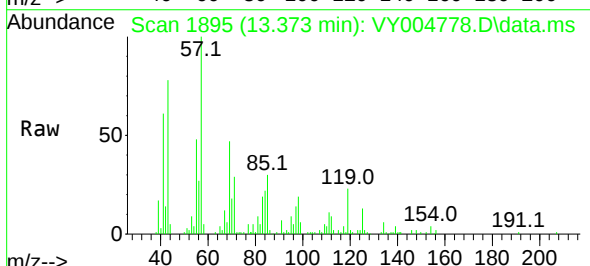
Instrument :
 MSVOA_Y
 ClientSampled :

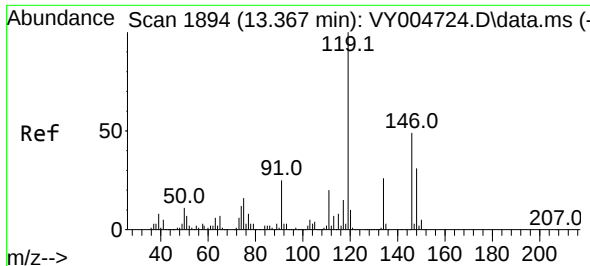
Tgt Ion:105 Resp: 4325
 Ion Ratio Lower Upper
 105 100
 134 33.8 10.0 29.8#



#86
 p-Isopropyltoluene
 Concen: 11.40 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004778.D
 Acq: 14 May 2021 13:25

Tgt Ion:119 Resp: 5726
 Ion Ratio Lower Upper
 119 100
 134 27.8 12.9 38.7
 91 38.1 12.0 36.1#

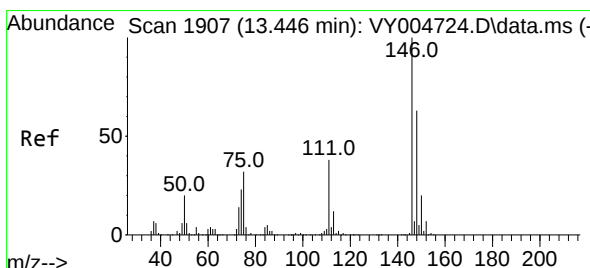
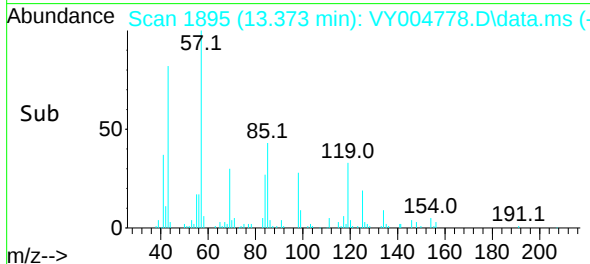
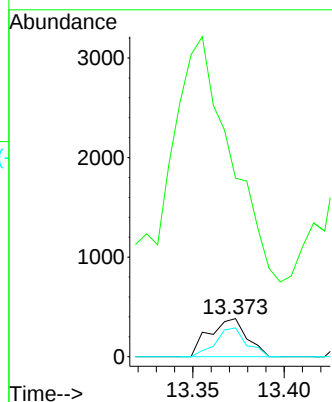
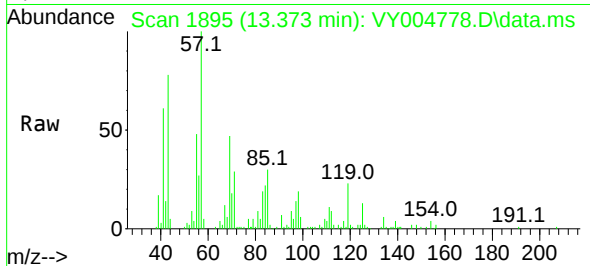




#87
1,3-Dichlorobenzene
Concen: 2.20 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

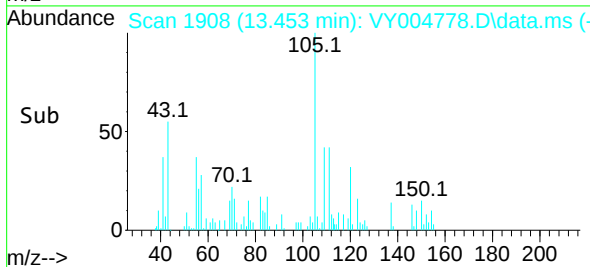
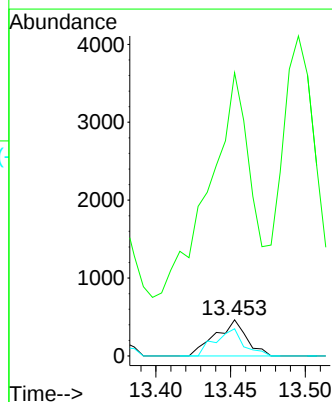
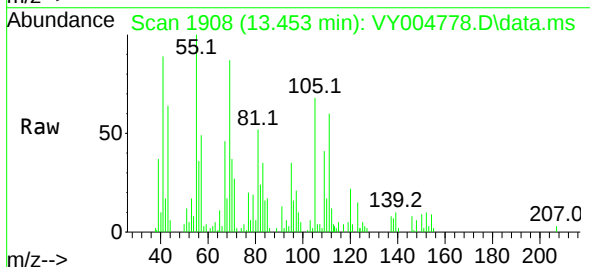
Instrument :
MSVOA_Y
ClientSampleId :

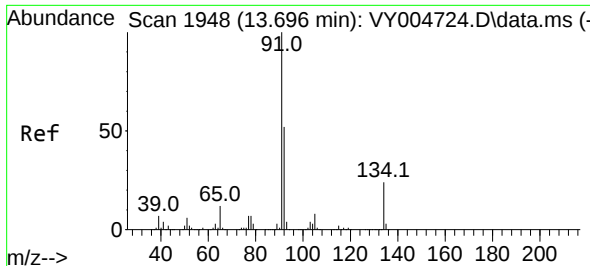
Tgt Ion:146 Resp: 548
Ion Ratio Lower Upper
146 100
111 917.9 20.3 60.9#
148 61.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 2.74 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion:146 Resp: 673
Ion Ratio Lower Upper
146 100
111 807.3 19.6 58.8#
148 68.2 31.9 95.5

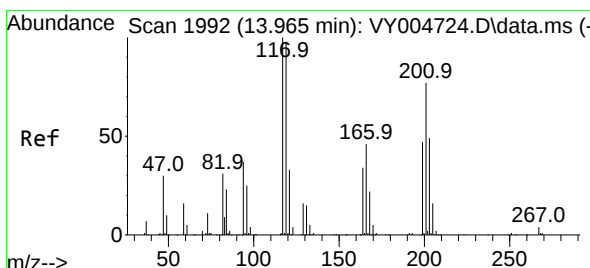
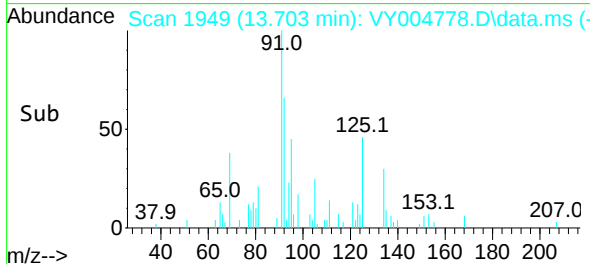
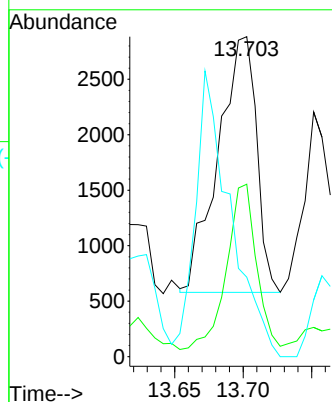
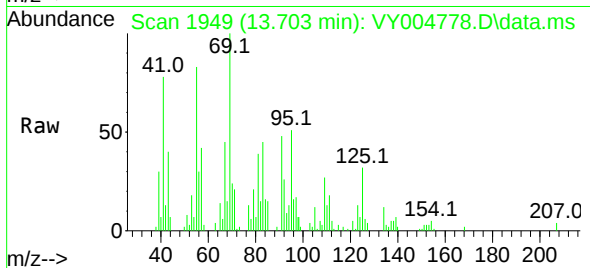




#89
n-Butylbenzene
Concen: 9.18 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

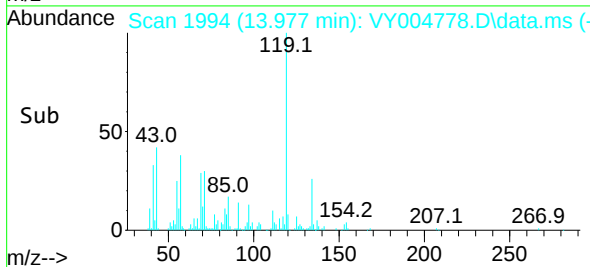
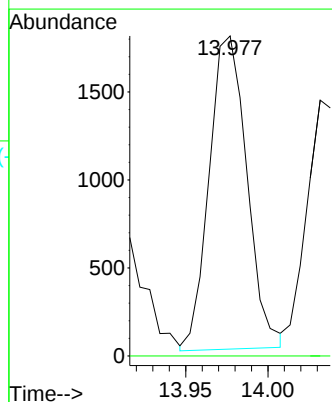
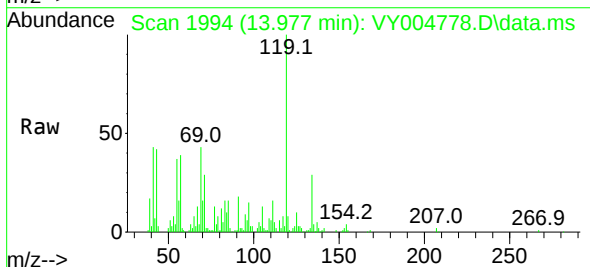
Instrument :
MSVOA_Y
ClientSampleId :

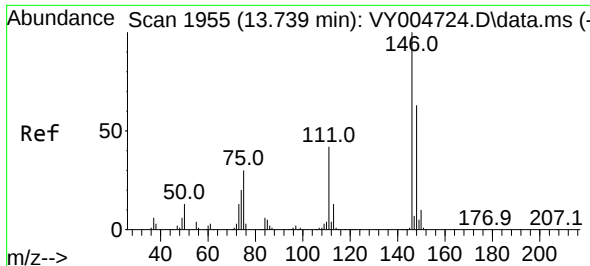
Tgt Ion: 91 Resp: 4505
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 40.18 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

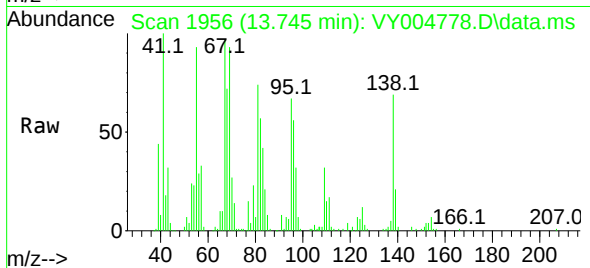
Tgt Ion: 117 Resp: 2842
Ion Ratio Lower Upper
117 100
201 0.0 35.9 107.8#



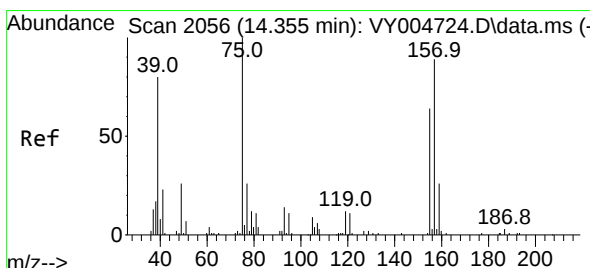
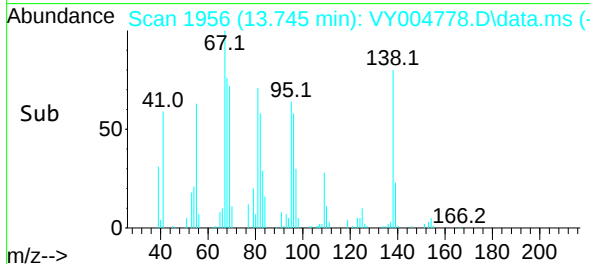
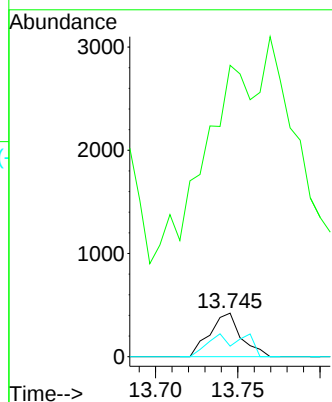


#91
1,2-Dichlorobenzene
Concen: 2.54 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Instrument :
MSVOA_Y
ClientSampled :

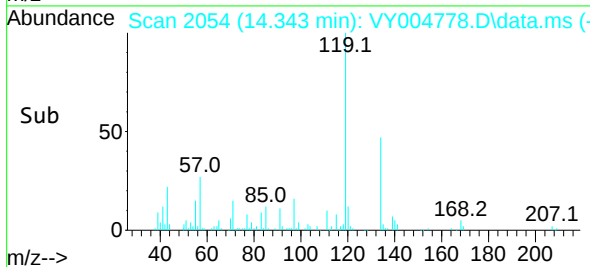
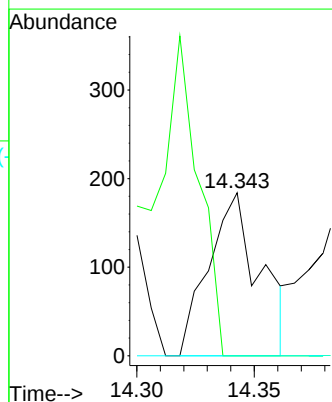
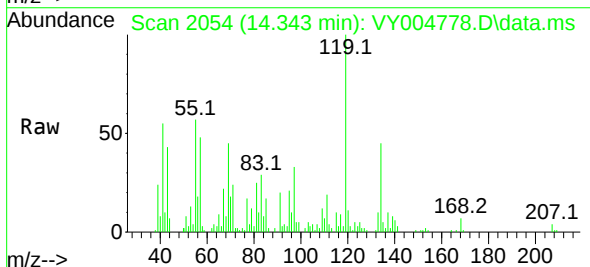


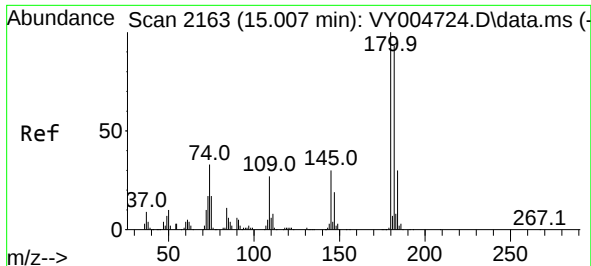
Tgt Ion:146 Resp: 557
Ion Ratio Lower Upper
146 100
111 574.7 20.9 62.7#
148 61.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 13.41 ug/l
RT: 14.343 min Scan# 2054
Delta R.T. -0.012 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion: 75 Resp: 281
Ion Ratio Lower Upper
75 100
155 0.0 39.0 117.0#
157 0.0 50.2 150.7#

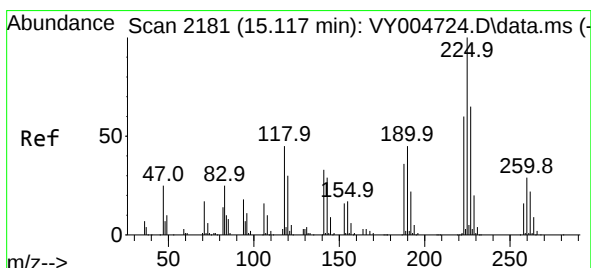
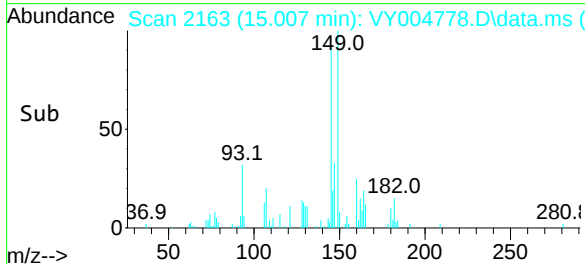
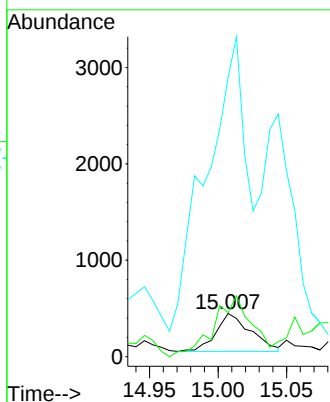
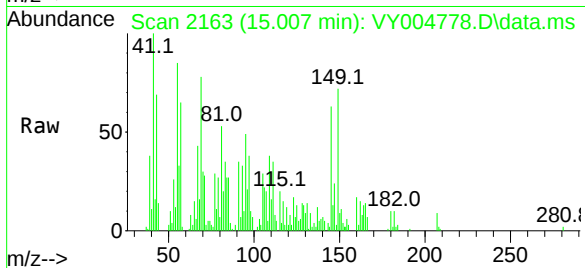




#93
1,2,4-Trichlorobenzene
Concen: 4.91 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

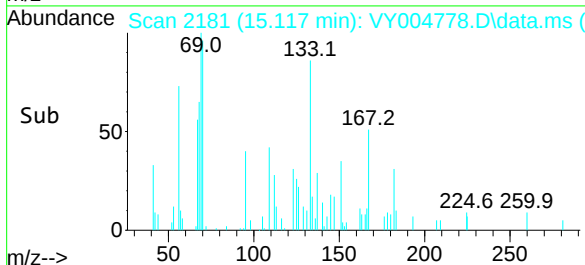
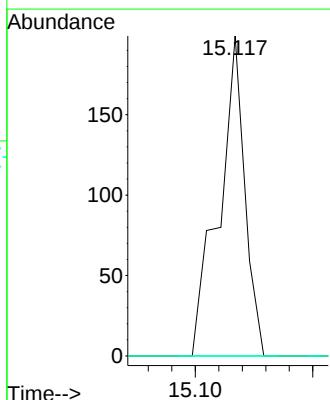
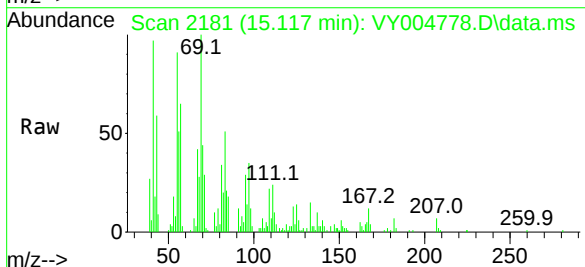
Instrument :
MSVOA_Y
ClientSampled :

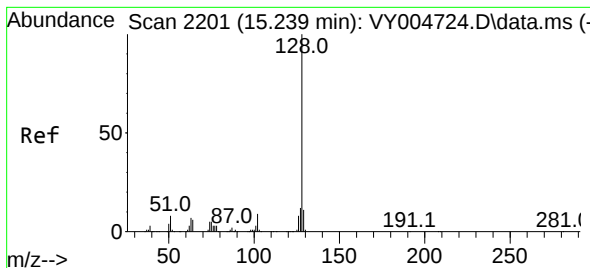
Tgt Ion:180 Resp: 694
Ion Ratio Lower Upper
180 100
182 176.2 46.9 140.8#
145 1016.4 15.4 46.4#



#94
Hexachlorobutadiene
Concen: 1.98 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion:225 Resp: 152
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.3#
227 0.0 31.3 93.9#

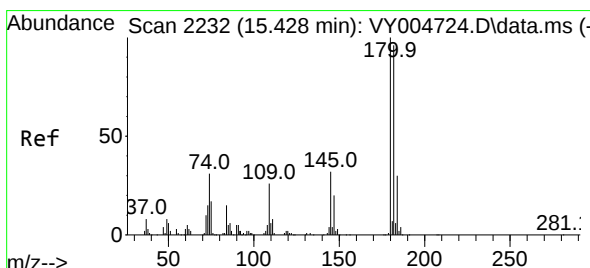
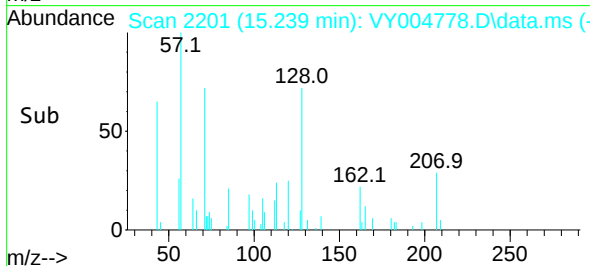
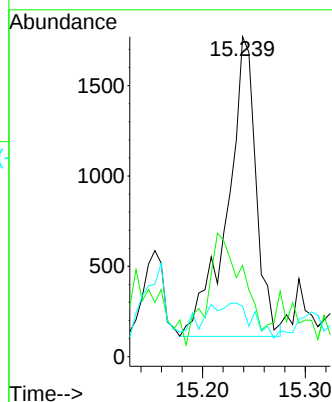
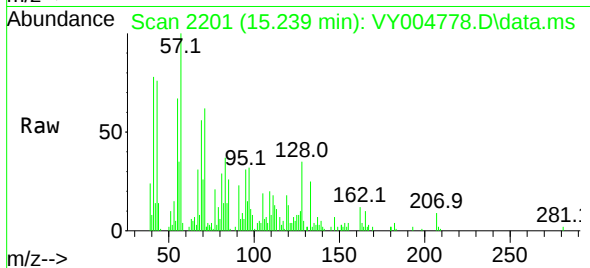




#95
Naphthalene
Concen: 10.44 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 3197
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 19.8 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 6.25 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY004778.D
Acq: 14 May 2021 13:25

Tgt Ion:180 Resp: 782
Ion Ratio Lower Upper
180 100
182 83.1 47.9 143.7
145 0.0 16.3 48.8#

