

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005106.D
 Acq On : 11 Jun 2021 04:26
 Operator : SY/MD
 Sample : M2645-01
 Misc : 1.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 07:08:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

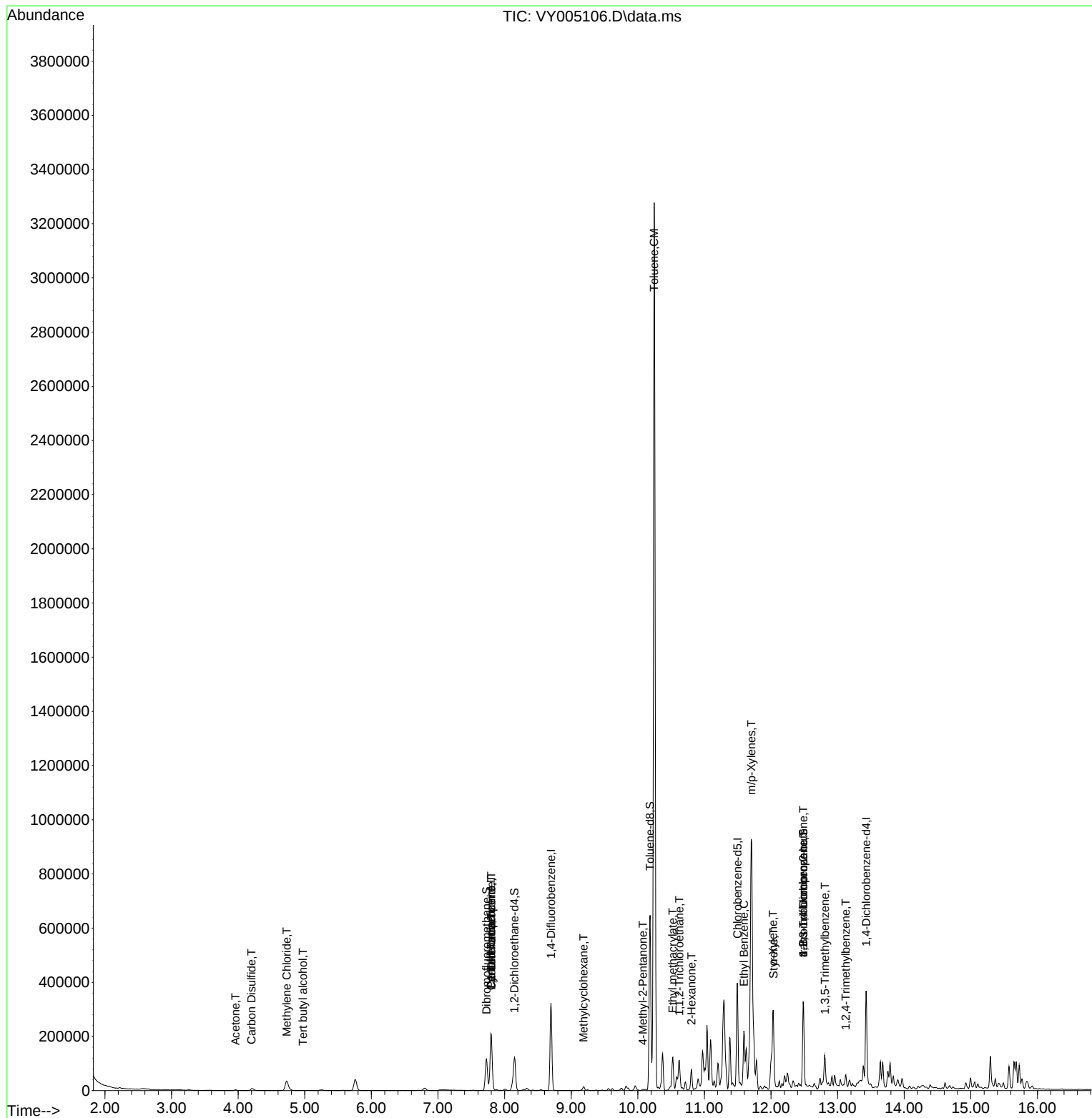
Internal Standards						
1) Pentafluorobenzene	7.795	168	155919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	219421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89164	54.093	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.180%			
35) Dibromofluoromethane	7.728	113	82295	55.964	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.920%			
50) Toluene-d8	10.185	98	323984	53.049	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.100%			
62) 4-Bromofluorobenzene	12.483	95	85341	40.631	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.260%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	1563	8.245	ug/l #	83
16) Acetone	3.960	43	4337	10.930	ug/l	98
17) Carbon Disulfide	4.198	76	9263	1.880	ug/l	96
20) Methylene Chloride	4.729	84	27115	9.382	ug/l	90
31) Cyclohexane	7.801	56	6385	2.200	ug/l #	33
36) 1,1-Dichloropropene	7.801	75	12544	4.689	ug/l #	49
38) Carbon Tetrachloride	7.801	117	15640	6.718	ug/l #	15
39) Methylcyclohexane	9.185	83	5250	1.777	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	2256	1.362	ug/l	95
52) Toluene	10.246	92	1364549	294.642	ug/l	100
55) 1,1,2-Trichloroethane	10.624	97	46420	31.218	ug/l #	19
56) Ethyl methacrylate	10.526	69	12191	5.727	ug/l #	8
59) 2-Hexanone	10.807	43	28372	25.347	ug/l #	29
67) Ethyl Benzene	11.593	91	130936	16.297	ug/l	100
68) m/p-Xylenes	11.703	106	216565	71.943	ug/l	99
69) o-Xylene	12.032	106	65867	23.497	ug/l	100
70) Styrene	12.038	104	12019	2.573	ug/l #	9
76) 1,2,3-Trichloropropane	12.483	75	46649	49.548	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.813	105	8146	1.522	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.483	75	46649	91.058	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.123	105	24777	4.658	ug/l	99

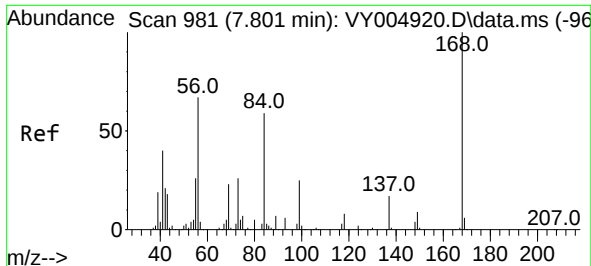
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
Data File : VY005106.D
Acq On : 11 Jun 2021 04:26
Operator : SY/MD
Sample : M2645-01
Misc : 1.13G/5ML/MSVOA_Y/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 11 07:08:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration

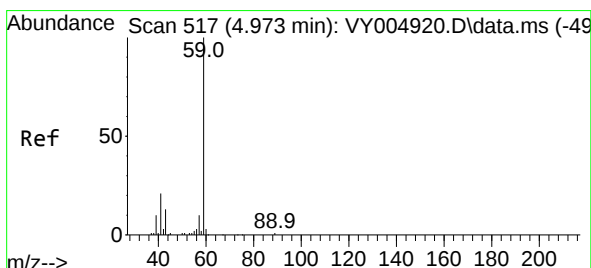
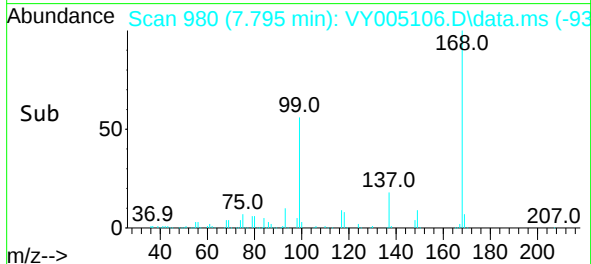
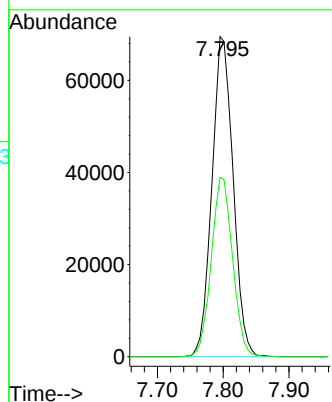
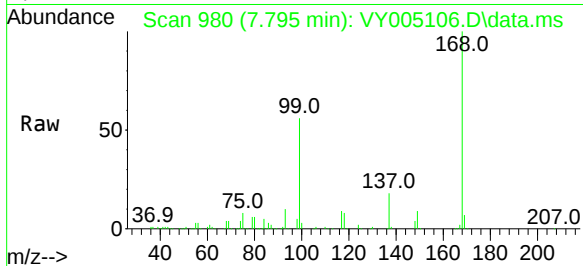




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

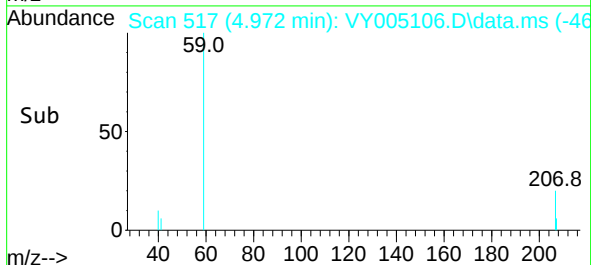
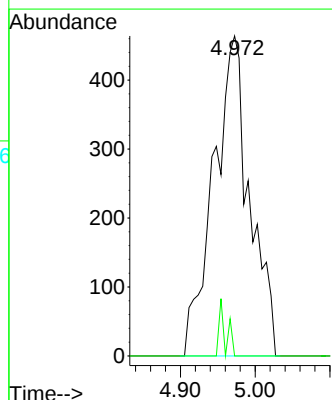
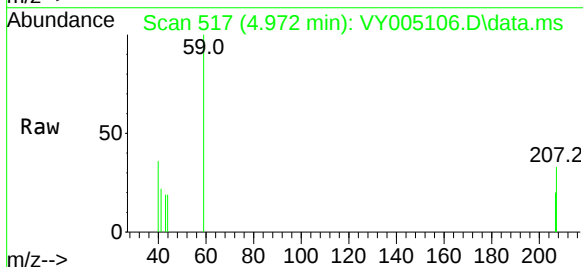
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:168 Resp: 155919
Ion Ratio Lower Upper
168 100
99 56.0 43.9 65.9



#11
Tert butyl alcohol
Concen: 8.245 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion: 59 Resp: 1563
Ion Ratio Lower Upper
59 100
57 3.2 7.7 11.5#

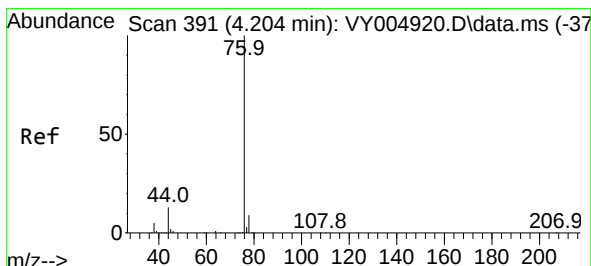
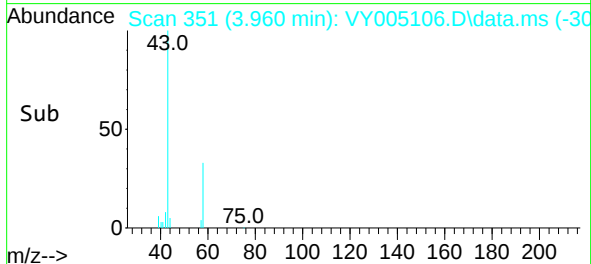
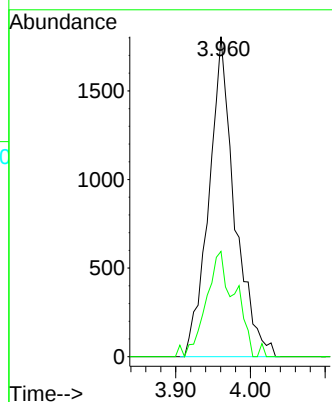
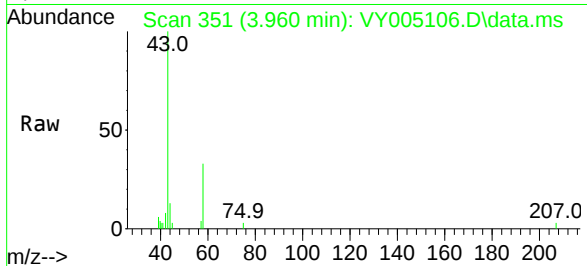




#16
Acetone
Concen: 10.930 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

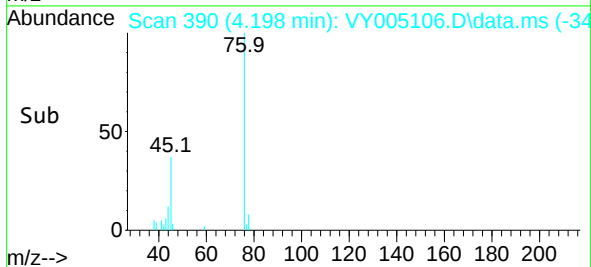
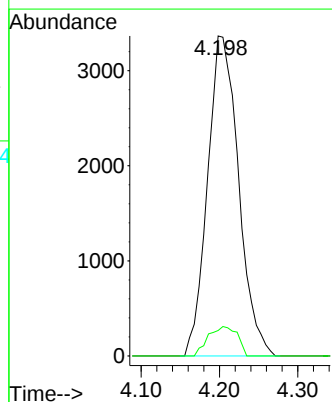
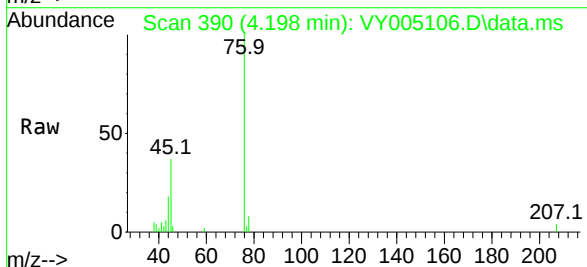
Instrument :
MSVOA_Y
ClientSampled :

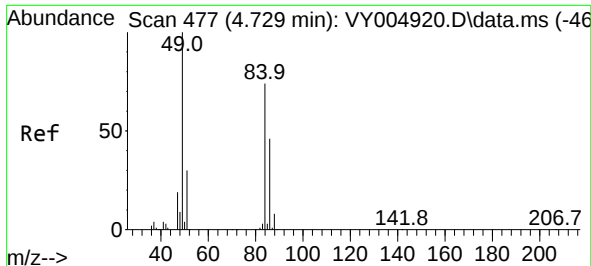
Tgt Ion: 43 Resp: 4337
Ion Ratio Lower Upper
43 100
58 32.9 25.3 37.9



#17
Carbon Disulfide
Concen: 1.880 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

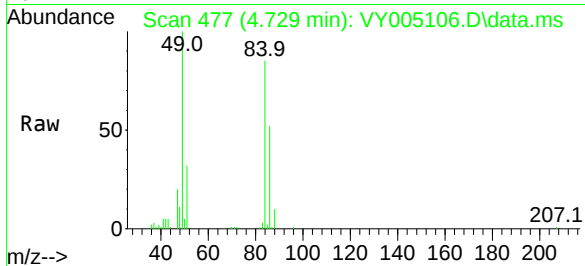
Tgt Ion: 76 Resp: 9263
Ion Ratio Lower Upper
76 100
78 7.9 7.6 11.4



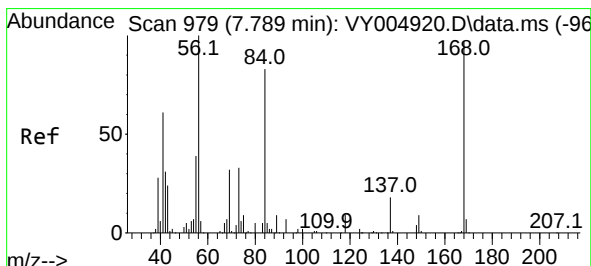
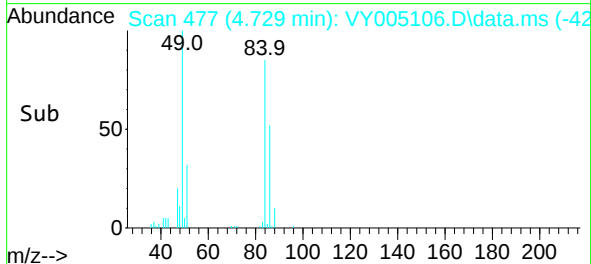
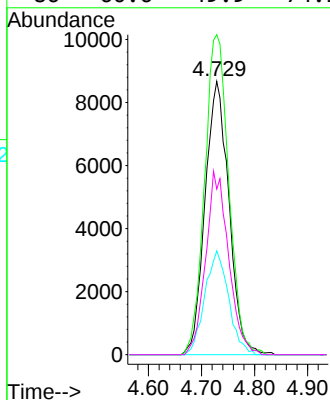


#20
Methylene Chloride
Concen: 9.382 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Instrument :
MSVOA_Y
ClientSampled :

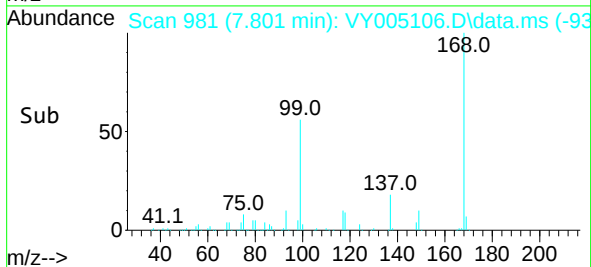
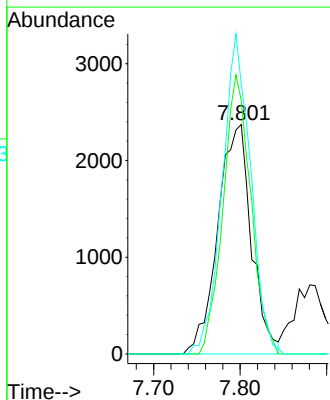
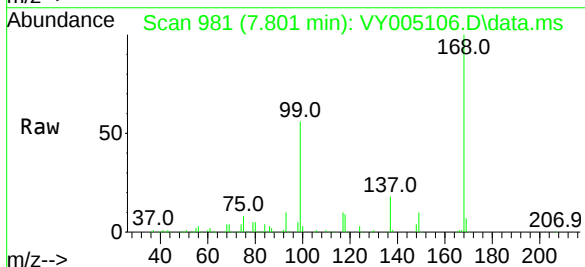


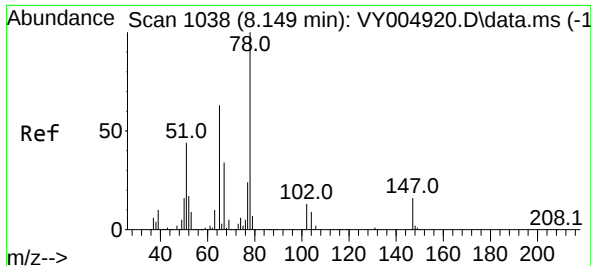
Tgt Ion:	84	Resp:	27115
Ion	Ratio	Lower	Upper
84	100		
49	117.1	108.0	162.0
51	38.0	32.6	48.8
86	60.6	49.9	74.9



#31
Cyclohexane
Concen: 2.200 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion:	56	Resp:	6385
Ion	Ratio	Lower	Upper
56	100		
69	110.5	25.3	37.9#
84	117.7	66.2	99.4#

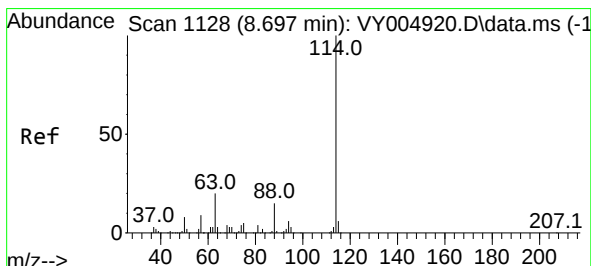
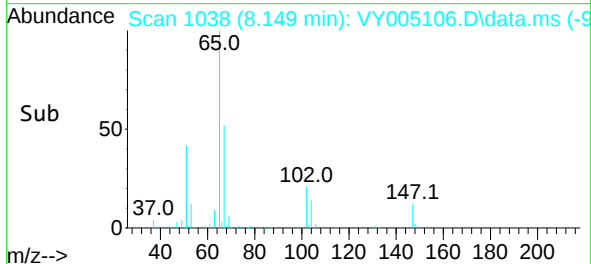
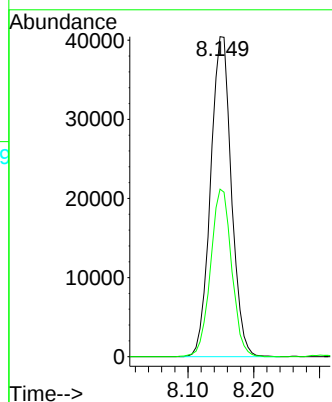
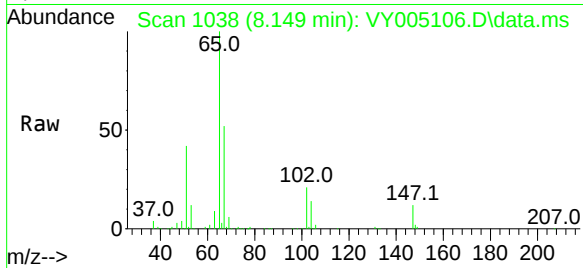




#33
 1,2-Dichloroethane-d4
 Concen: 54.093 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005106.D
 Acq: 11 Jun 2021 04:26

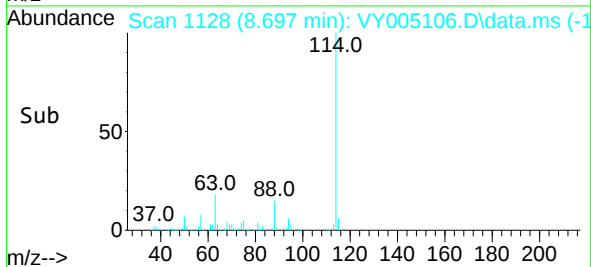
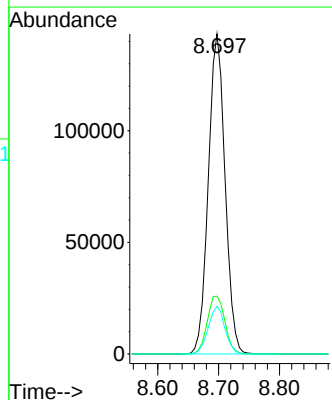
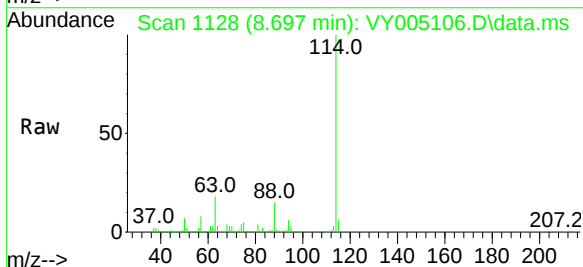
Instrument :
 MSVOA_Y
 ClientSampled :

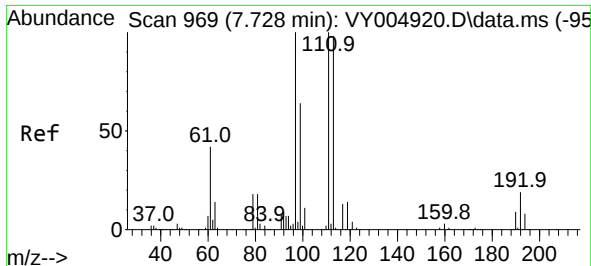
Tgt Ion: 65 Resp: 89164
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005106.D
 Acq: 11 Jun 2021 04:26

Tgt Ion: 114 Resp: 273322
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 41.0
 88 14.9 0.0 30.6

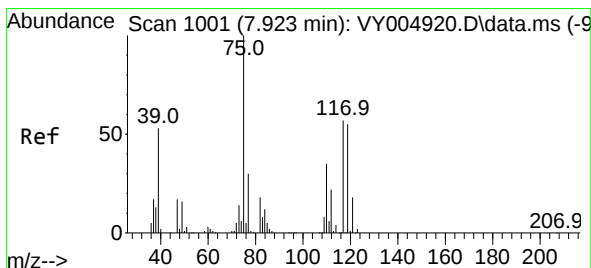
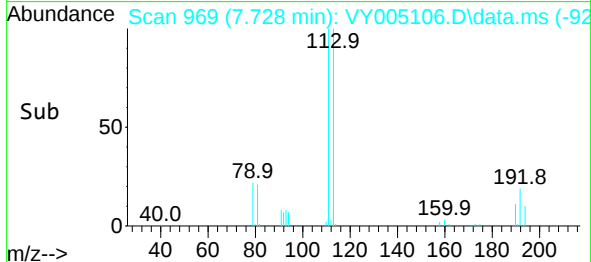
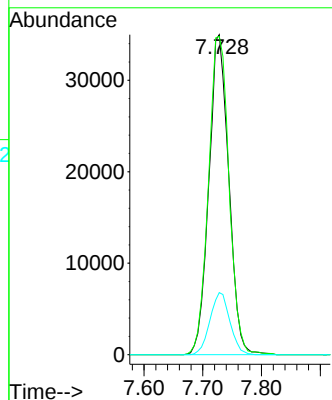
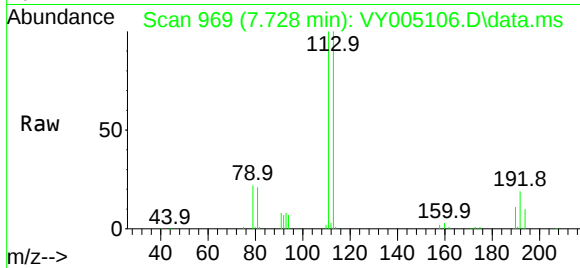




#35
Dibromofluoromethane
Concen: 55.964 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

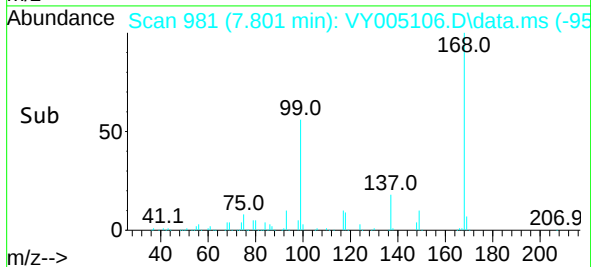
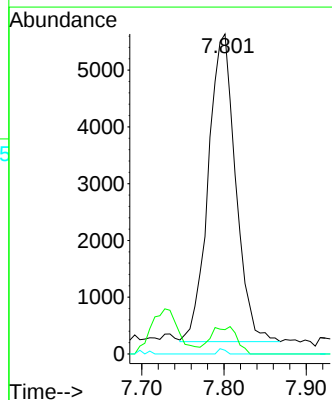
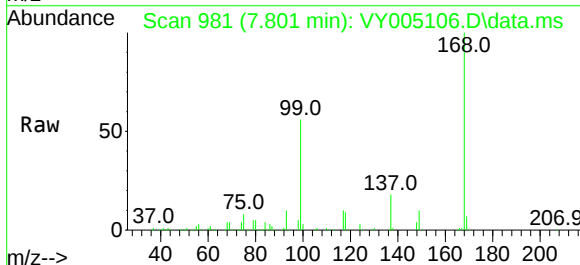
Instrument :
MSVOA_Y
ClientSampleId :

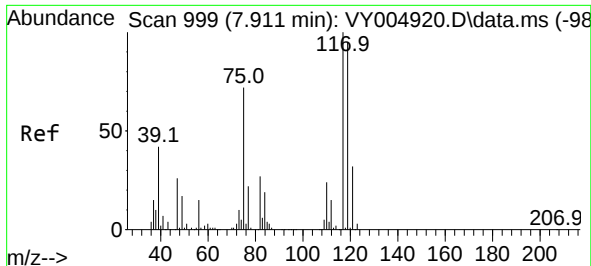
Tgt Ion:	113	Resp:	82295
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	19.4	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.689 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

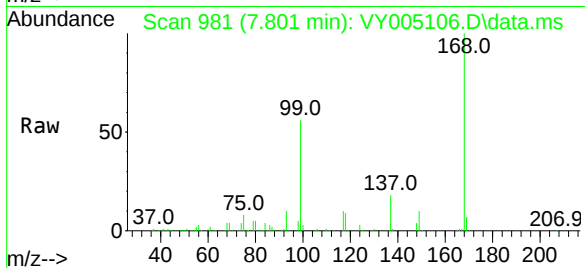
Tgt Ion:	75	Resp:	12544
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.5	52.5#
77	0.5	25.1	37.7#



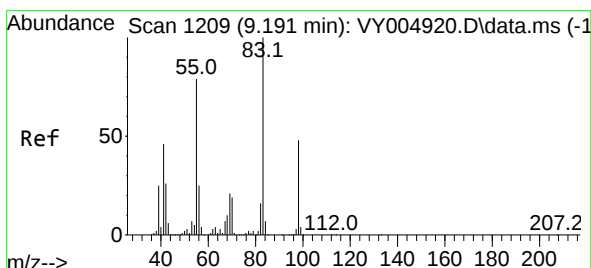
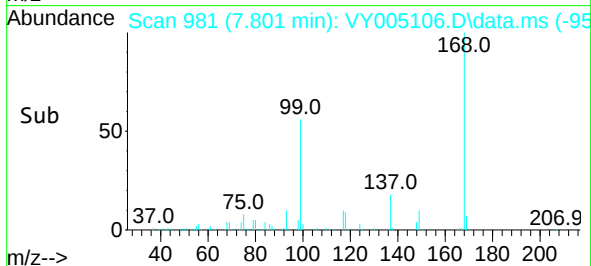
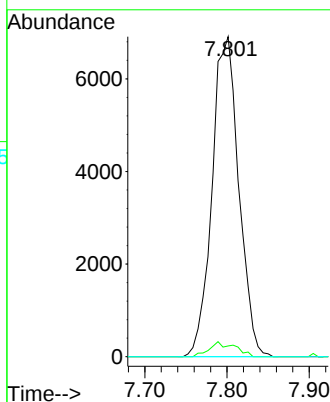


#38
Carbon Tetrachloride
Concen: 6.718 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Instrument :
MSVOA_Y
ClientSampleId :

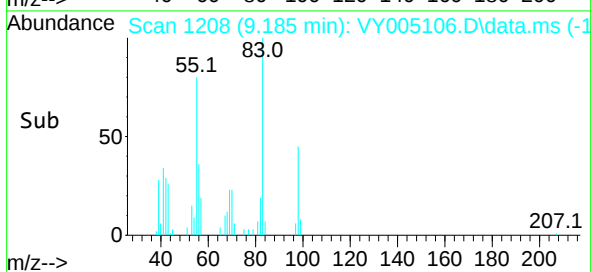
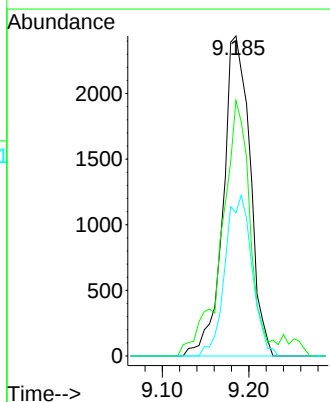
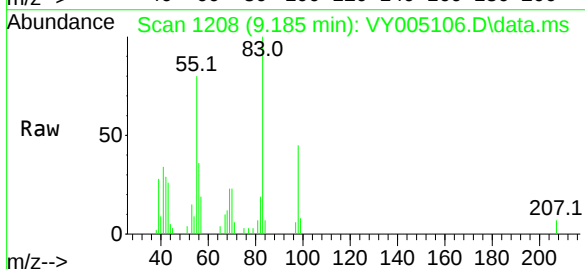


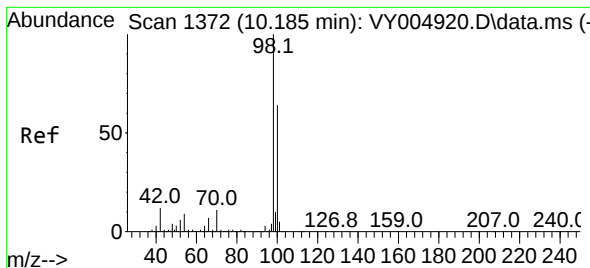
Tgt Ion:117 Resp: 15640
Ion Ratio Lower Upper
117 100
119 3.3 76.1 114.1#
121 0.0 25.5 38.3#



#39
Methylcyclohexane
Concen: 1.777 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion: 83 Resp: 5250
Ion Ratio Lower Upper
83 100
55 79.8 63.1 94.7
98 44.7 38.6 58.0

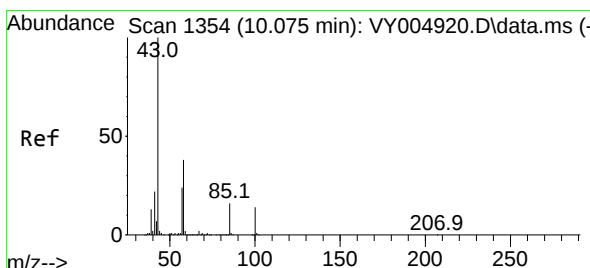
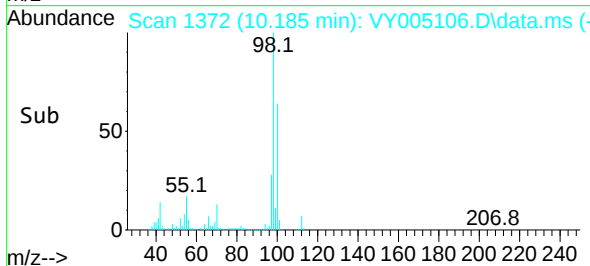
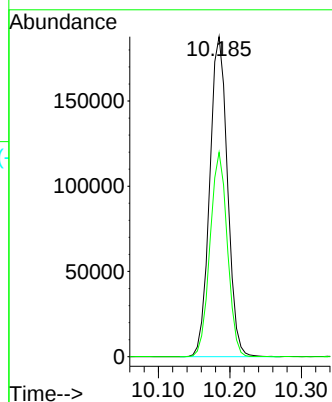
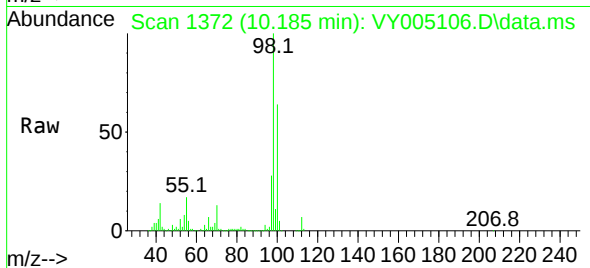




#50
Toluene-d8
Concen: 53.049 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

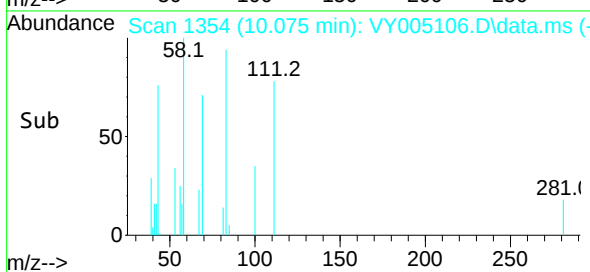
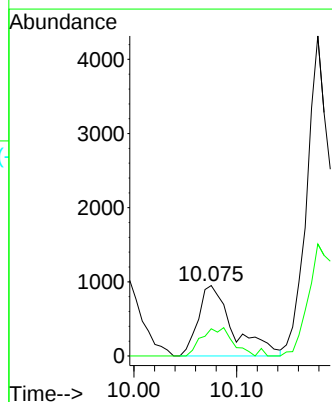
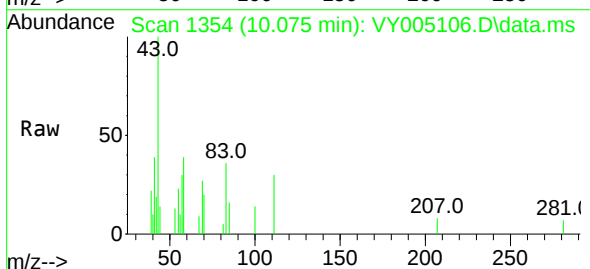
Instrument :
MSVOA_Y
ClientSampled :

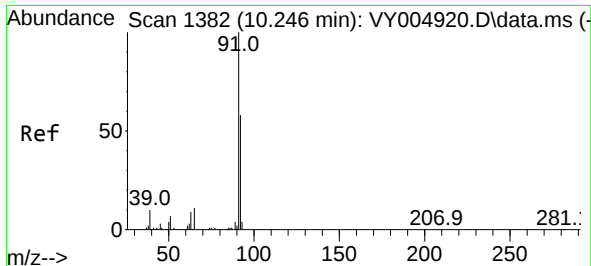
Tgt Ion: 98 Resp: 323984
Ion Ratio Lower Upper
98 100
100 62.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.362 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion: 43 Resp: 2256
Ion Ratio Lower Upper
43 100
58 35.2 30.6 46.0

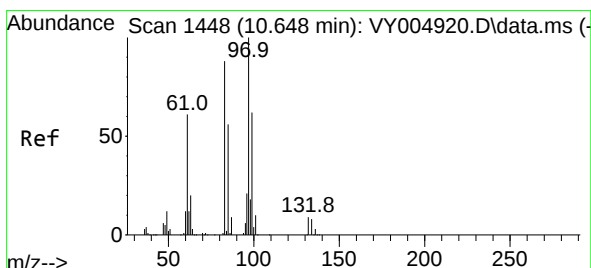
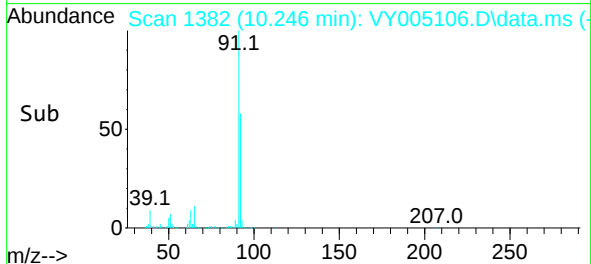
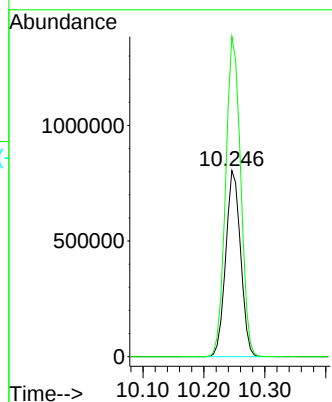
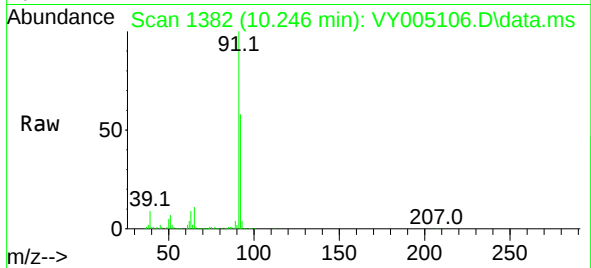




#52
Toluene
Concen: 294.642 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

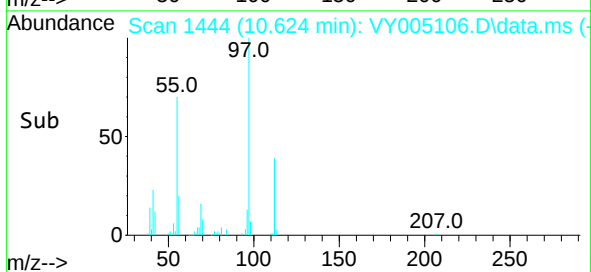
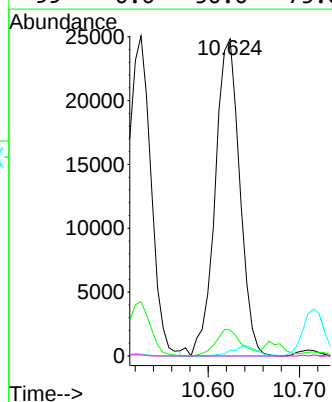
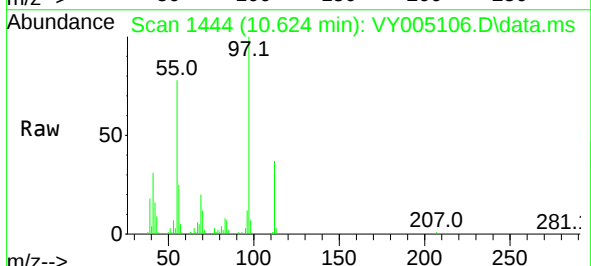
Instrument :
MSVOA_Y
ClientSampled :

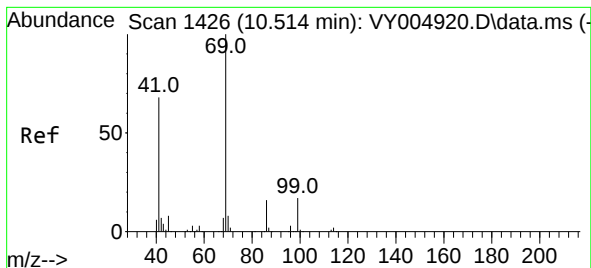
Tgt Ion: 92 Resp: 1364549
Ion Ratio Lower Upper
92 100
91 173.5 139.3 208.9



#55
1,1,2-Trichloroethane
Concen: 31.218 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion: 97 Resp: 46420
Ion Ratio Lower Upper
97 100
83 8.2 70.3 105.5#
85 1.9 44.6 66.8#
99 0.0 50.0 75.0#

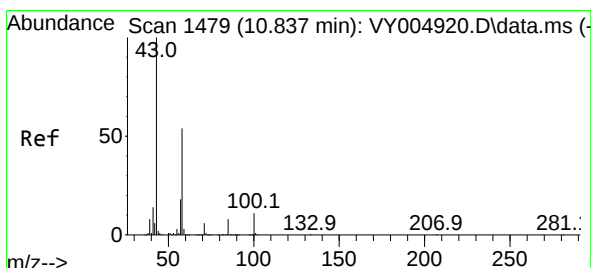
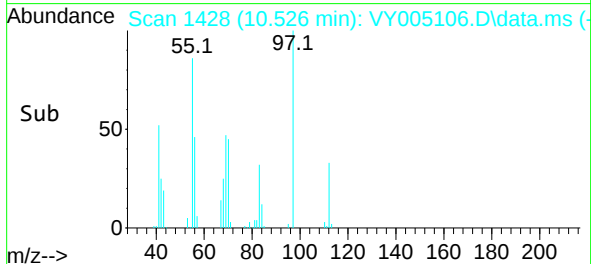
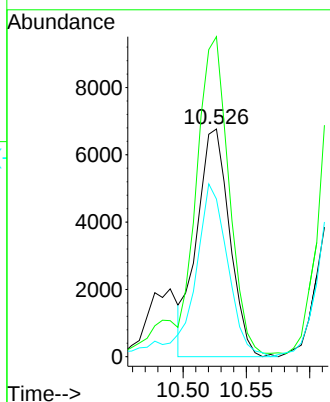
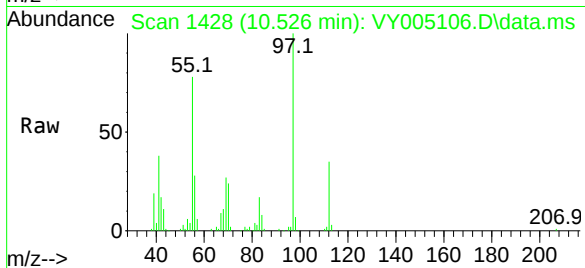




#56
Ethyl methacrylate
Concen: 5.727 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.012 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

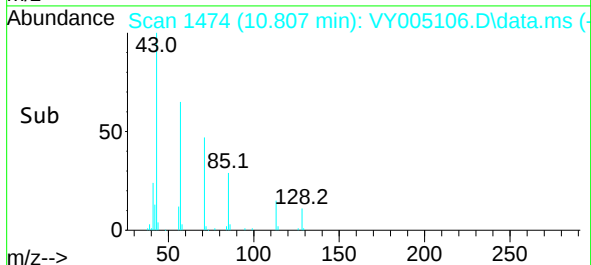
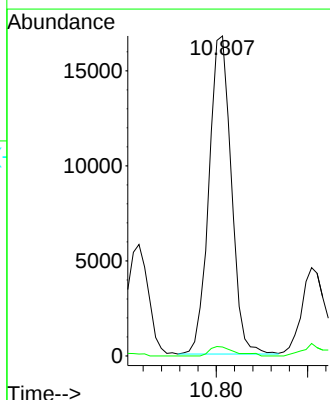
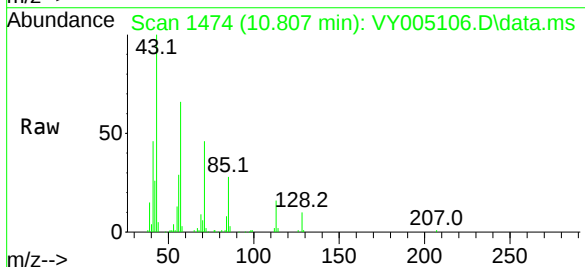
Instrument :
MSVOA_Y
ClientSampled :

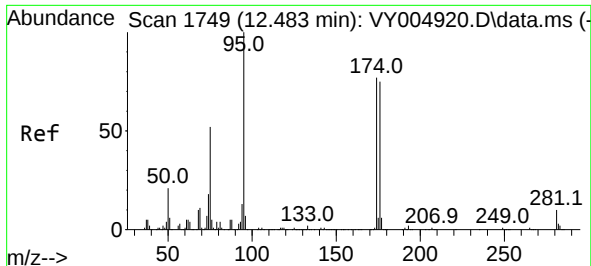
Tgt Ion: 69 Resp: 12191
Ion Ratio Lower Upper
69 100
41 149.2 55.7 83.5#
39 79.0 26.2 39.4#



#59
2-Hexanone
Concen: 25.347 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.031 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion: 43 Resp: 28372
Ion Ratio Lower Upper
43 100
58 3.3 27.0 80.8#

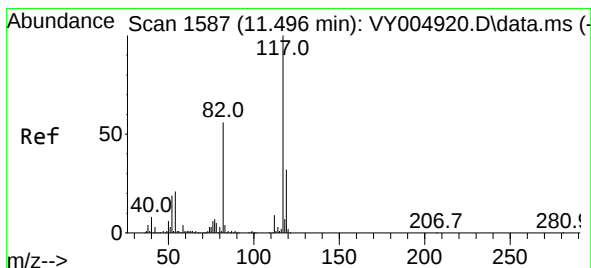
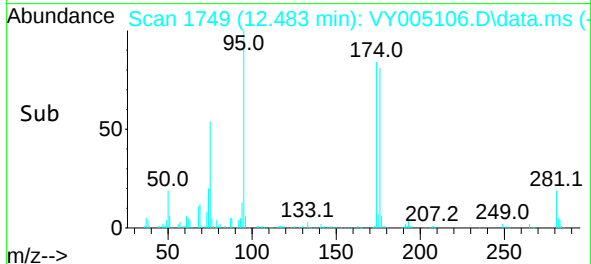
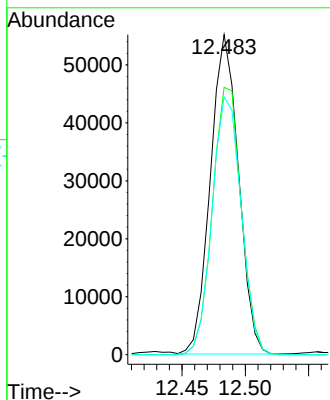
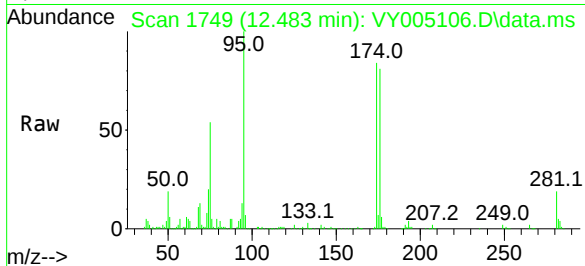




#62
4-Bromofluorobenzene
Concen: 40.631 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

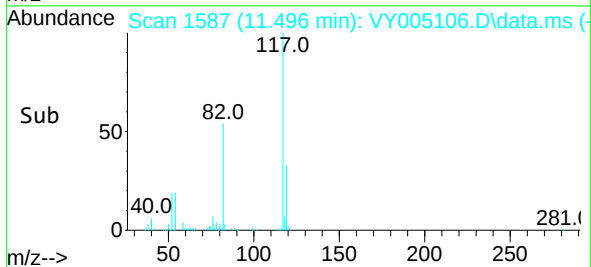
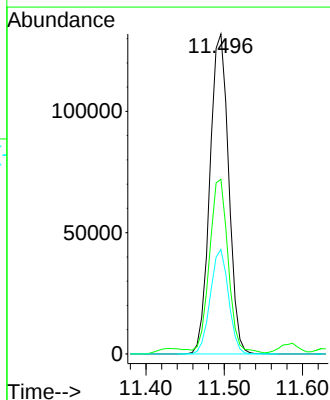
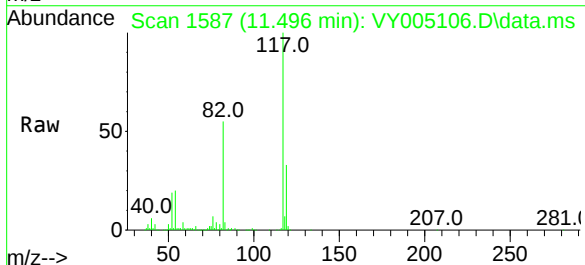
Instrument :
MSVOA_Y
ClientSampled :

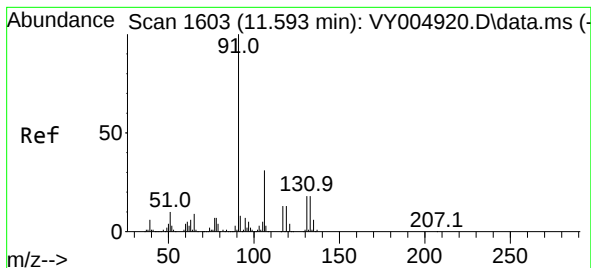
Tgt Ion: 95 Resp: 85341
Ion Ratio Lower Upper
95 100
174 85.8 0.0 160.8
176 83.4 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion: 117 Resp: 219421
Ion Ratio Lower Upper
117 100
82 53.0 44.8 67.2
119 32.7 25.2 37.8

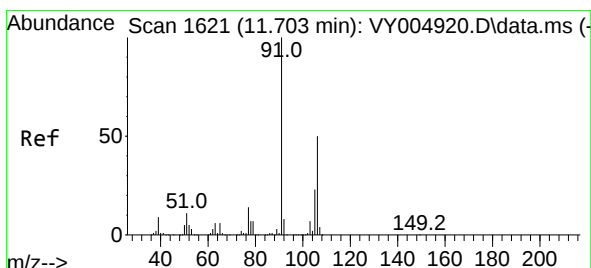
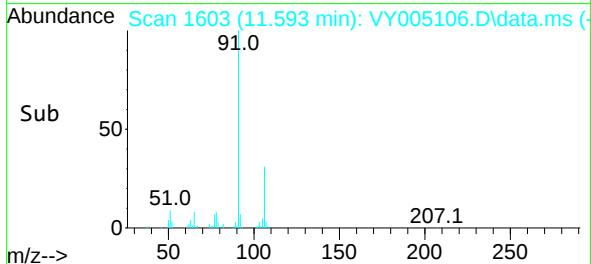
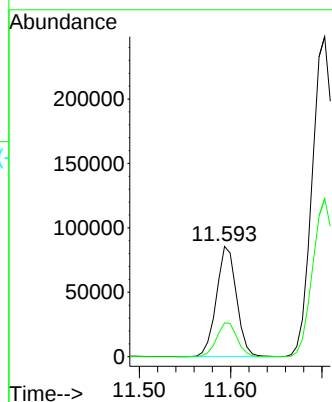
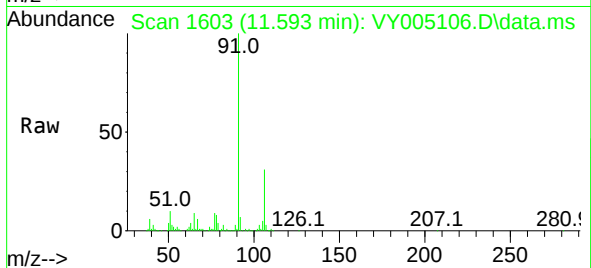




#67
Ethyl Benzene
Concen: 16.297 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

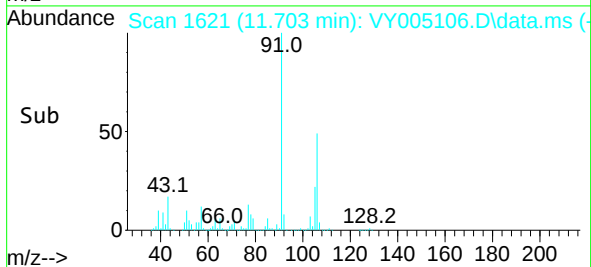
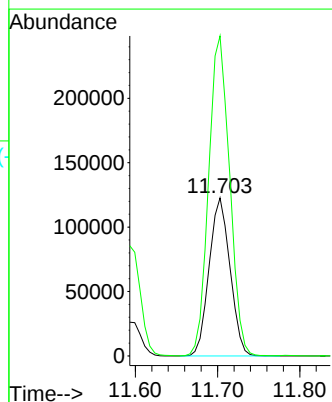
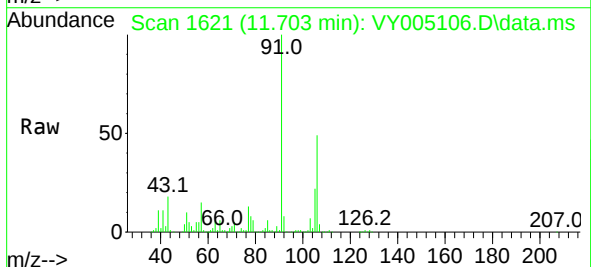
Instrument :
MSVOA_Y
ClientSampled :

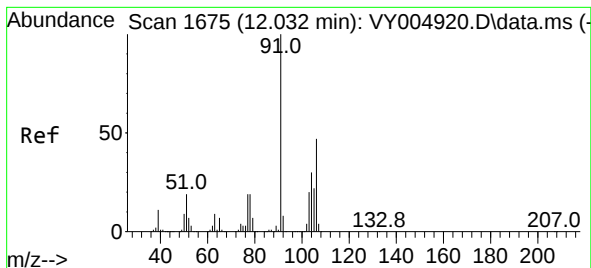
Tgt Ion: 91 Resp: 130936
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8



#68
m/p-Xylenes
Concen: 71.943 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion: 106 Resp: 216565
Ion Ratio Lower Upper
106 100
91 203.3 161.9 242.9

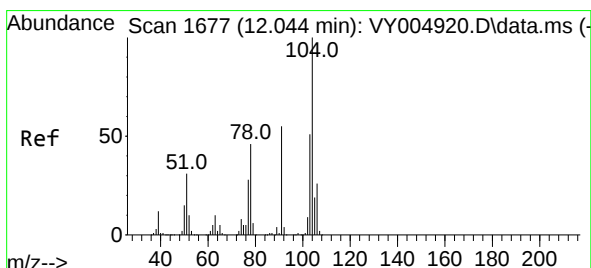
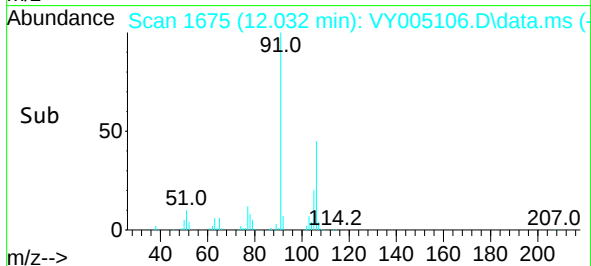
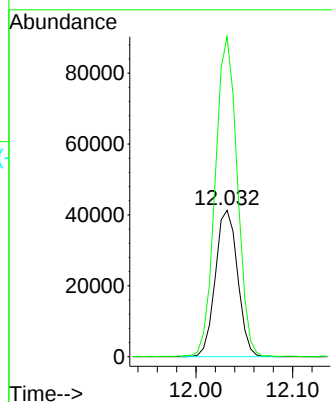
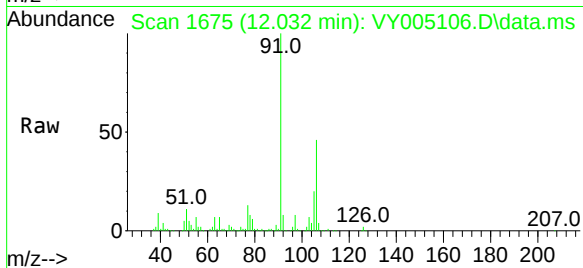




#69
o-Xylene
Concen: 23.497 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

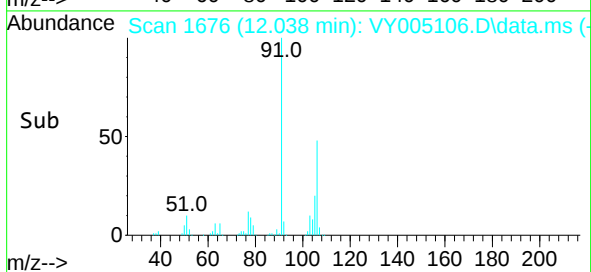
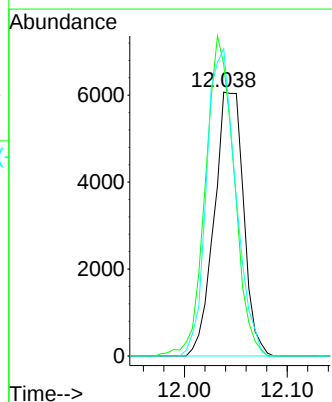
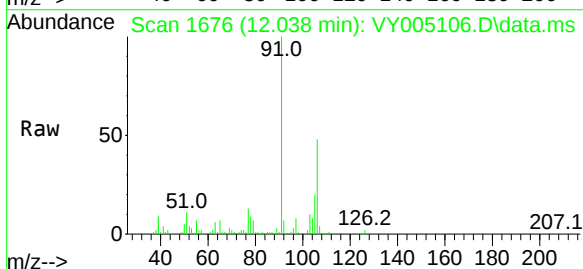
Instrument :
MSVOA_Y
ClientSampled :

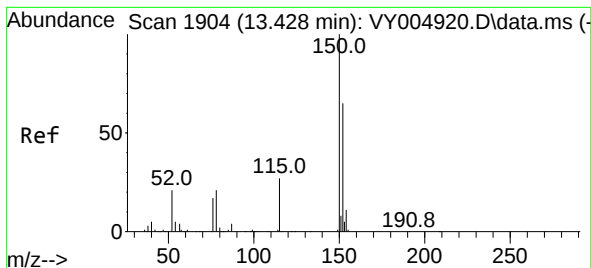
Tgt Ion:106 Resp: 65867
Ion Ratio Lower Upper
106 100
91 216.5 108.0 324.0



#70
Styrene
Concen: 2.573 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion:104 Resp: 12019
Ion Ratio Lower Upper
104 100
78 118.5 40.2 60.2#
103 116.0 44.0 66.0#

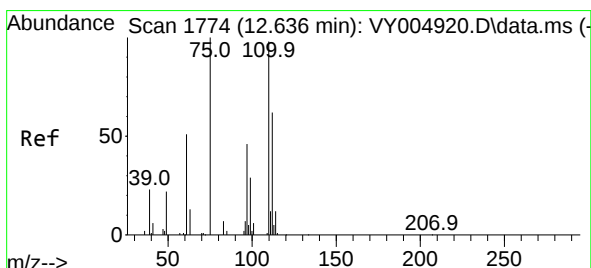
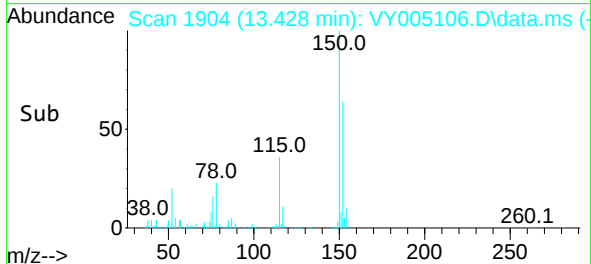
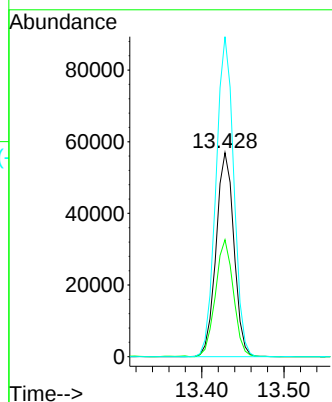
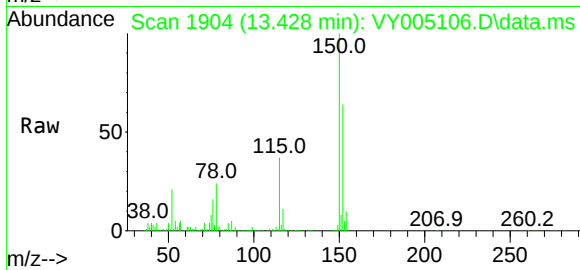




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005106.D
 Acq: 11 Jun 2021 04:26

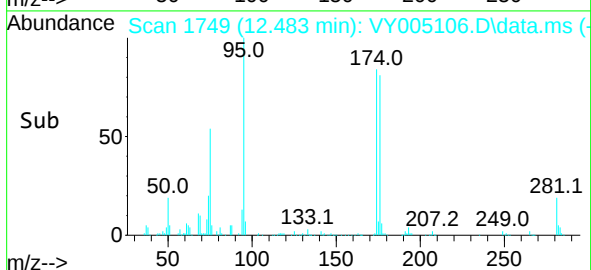
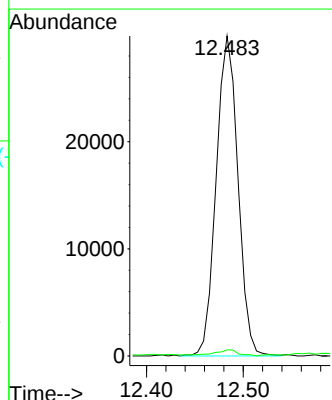
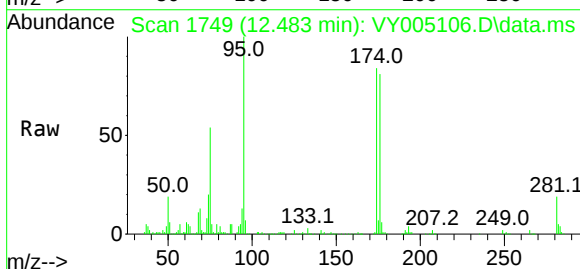
Instrument :
 MSVOA_Y
 ClientSampled :

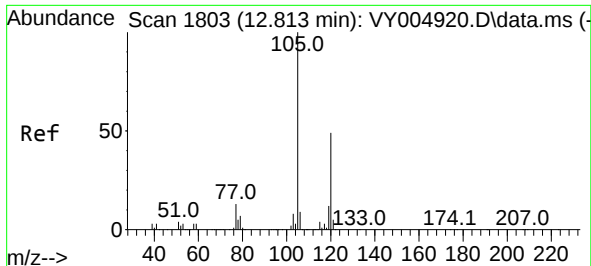
Tgt Ion:152 Resp: 85887
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.9 89.7
 150 156.4 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 49.548 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005106.D
 Acq: 11 Jun 2021 04:26

Tgt Ion: 75 Resp: 46649
 Ion Ratio Lower Upper
 75 100
 77 2.2 0.0 0.0#

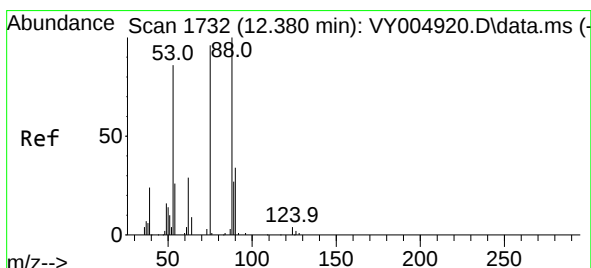
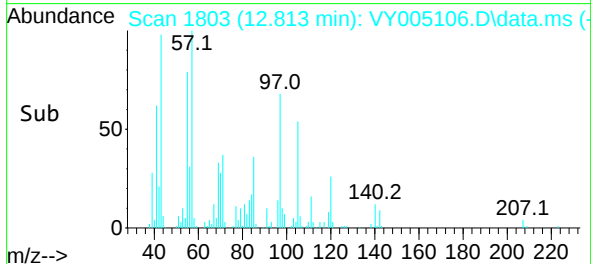
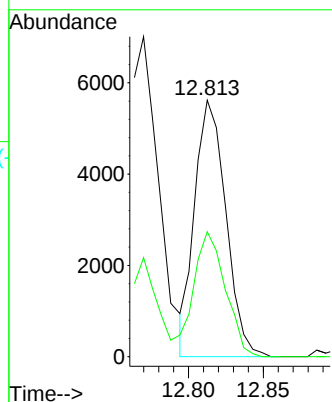
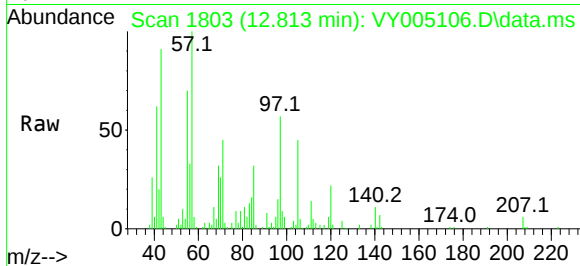




#80
1,3,5-Trimethylbenzene
Concen: 1.522 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

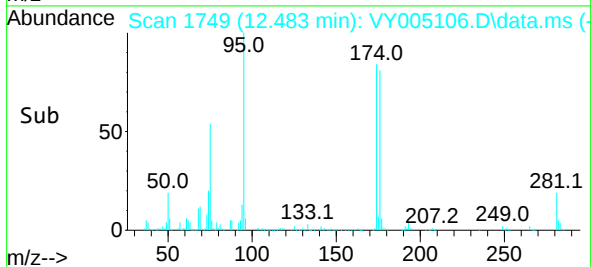
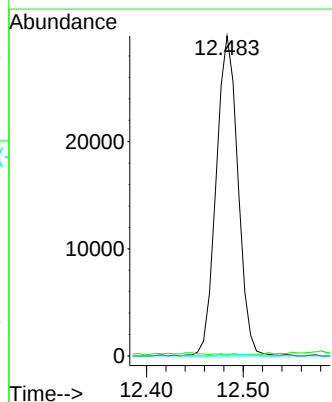
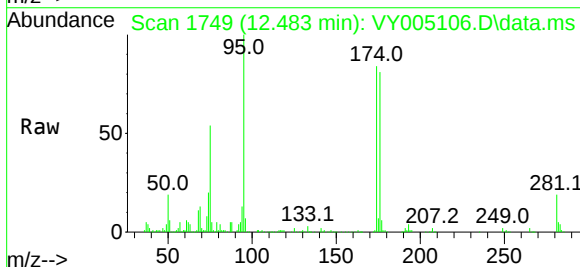
Instrument :
MSVOA_Y
ClientSampled :

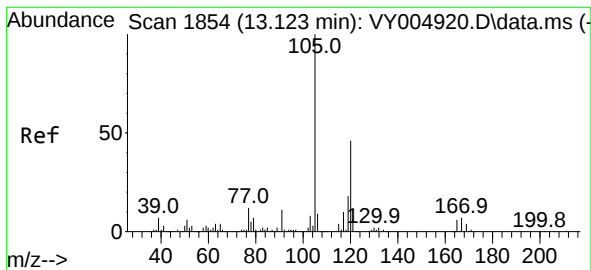
Tgt Ion:105 Resp: 8146
Ion Ratio Lower Upper
105 100
120 50.4 24.5 73.5



#81
trans-1,4-Dichloro-2-butene
Concen: 91.058 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion: 75 Resp: 46649
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 0.5 35.0 52.6#





#84
 1,2,4-Trimethylbenzene
 Concen: 4.658 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY005106.D
 Acq: 11 Jun 2021 04:26

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:105 Resp: 24777
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.6 67.7

