

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004941.D
 Acq On : 03 Jun 2021 16:59
 Operator : SY/MD
 Sample : M2589-11
 Misc : 4.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 04 01:17:47 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)

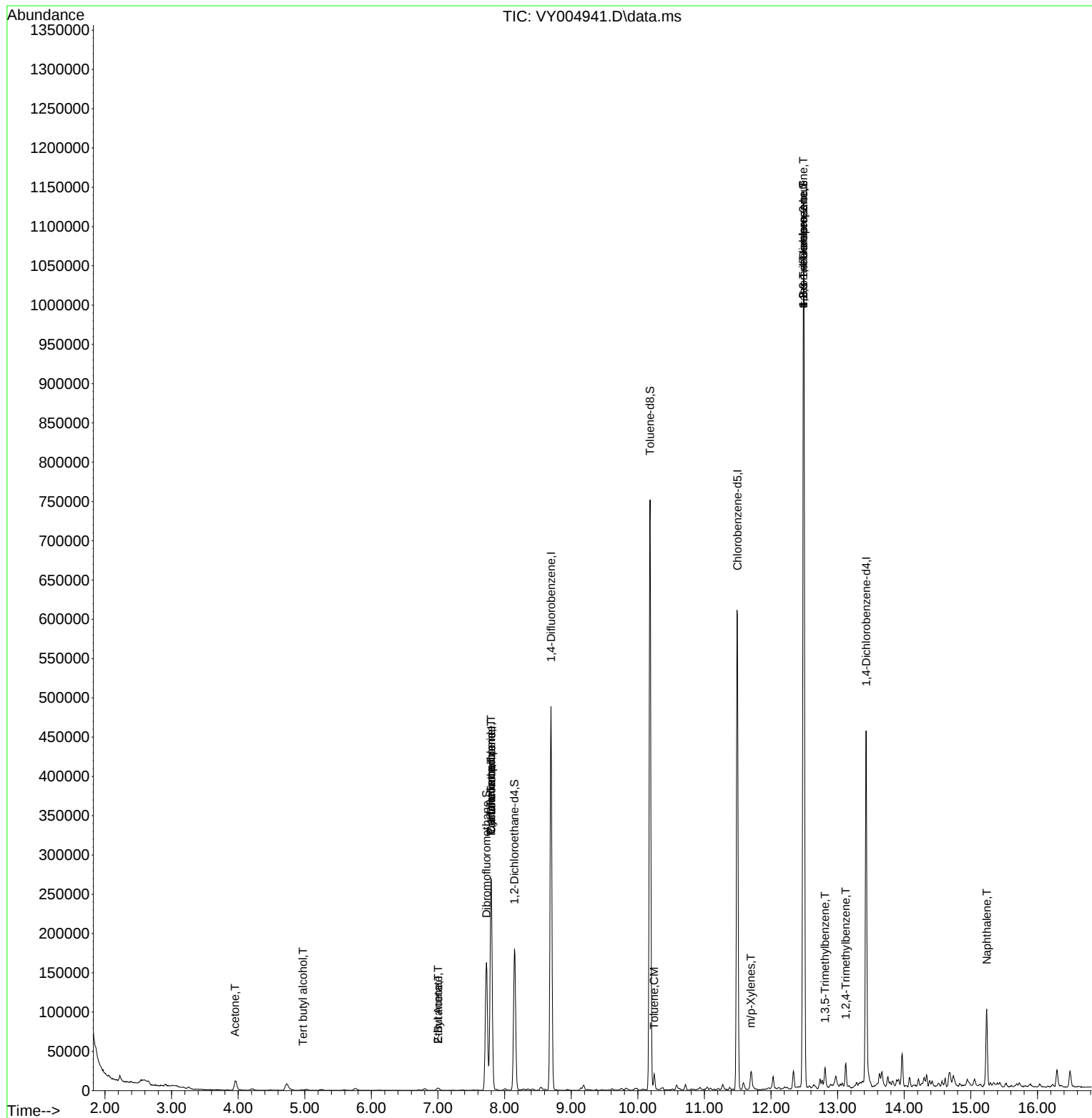
Internal Standards						
1) Pentafluorobenzene	7.801	168	202364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	389743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	327080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	137575	64.31	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.62%			
35) Dibromofluoromethane	7.728	113	115375	55.02	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.04%			
50) Toluene-d8	10.185	98	475618	54.61	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.22%			
62) 4-Bromofluorobenzene	12.483	95	133765	44.66	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.32%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	1221	4.96	ug/l #	74
16) Acetone	3.954	43	21761	42.25	ug/l	98
20) Methylene Chloride	4.728	84	5865	Below Cal	#	93
25) 2-Butanone	7.002	43	5606	6.47	ug/l	97
31) Cyclohexane	7.795	56	5733	1.52	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	16610	4.35	ug/l #	49
37) Ethyl Acetate	7.002	43	5606	2.23	ug/l #	73
38) Carbon Tetrachloride	7.795	117	20738	6.25	ug/l #	15
52) Toluene	10.246	92	7055	1.07	ug/l	94
68) m/p-Xylenes	11.697	106	6674	1.49	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	78952	66.75	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.812	105	8476	1.26	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.483	75	78952	122.68	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.123	105	15580	2.33	ug/l	94
95) Naphthalene	15.239	128	75744	17.91	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004941.D
Acq On : 03 Jun 2021 16:59
Operator : SY/MD
Sample : M2589-11
Misc : 4.79G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

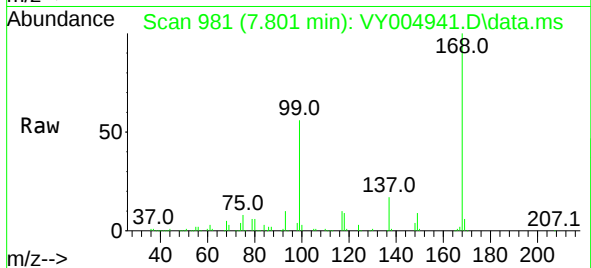
Quant Time: Jun 04 01:17:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration



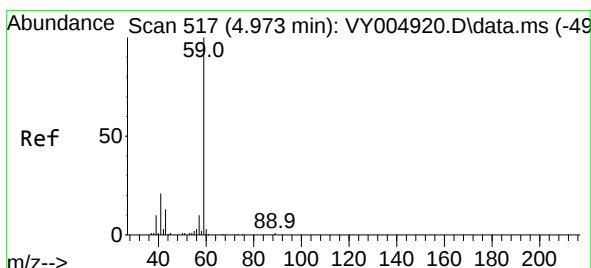
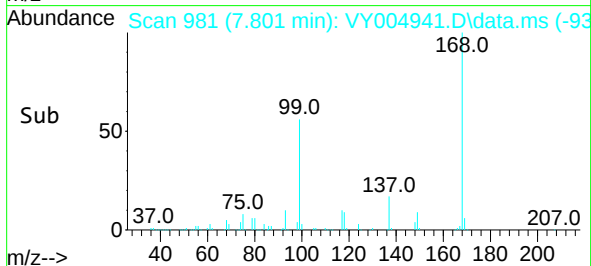
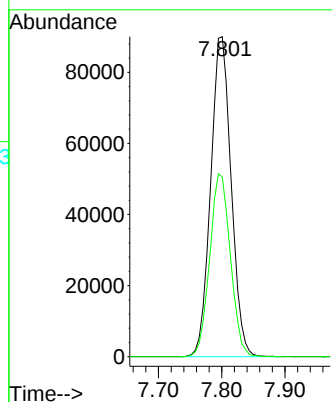


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Instrument :
MSVOA_Y
ClientSampled :

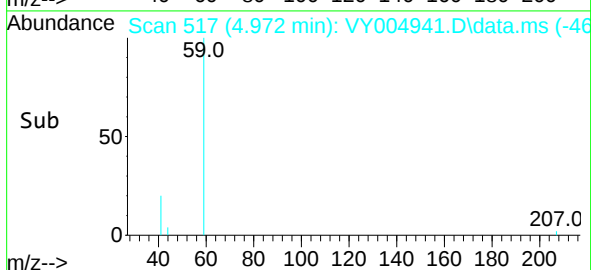
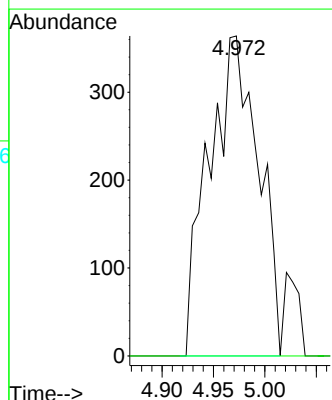
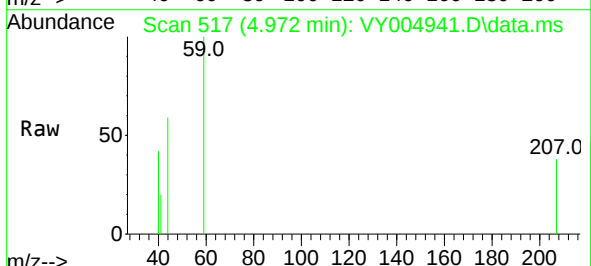


Tgt Ion:168 Resp: 202364
Ion Ratio Lower Upper
168 100
99 56.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 4.96 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion: 59 Resp: 1221
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

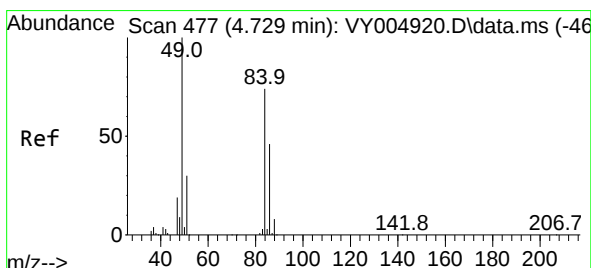
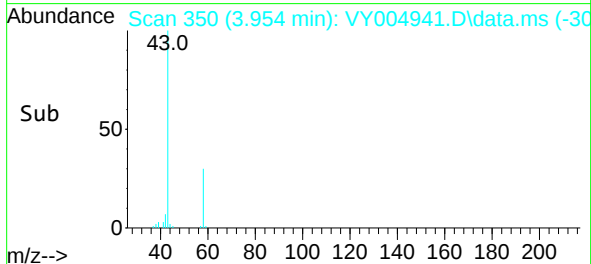
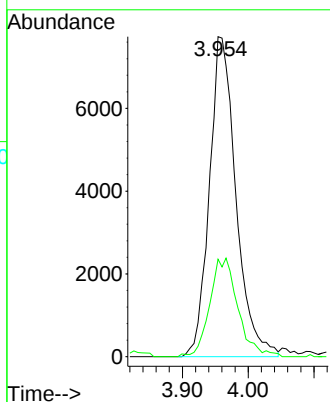
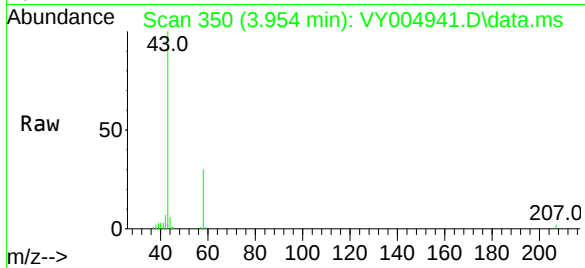




#16
Acetone
Concen: 42.25 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

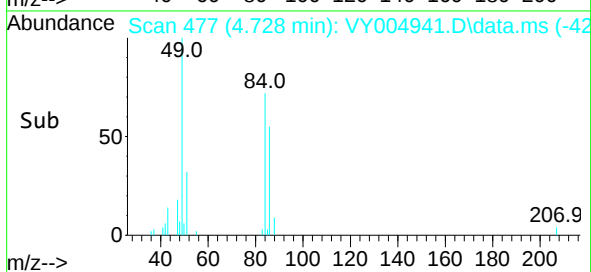
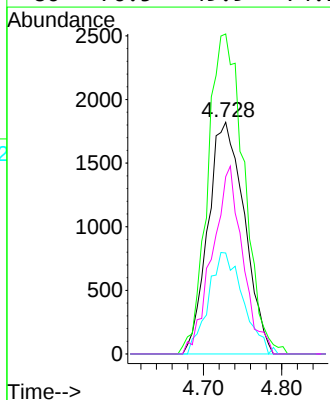
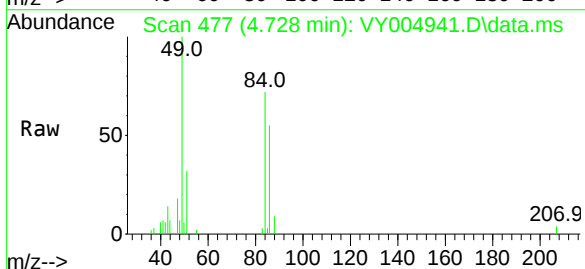
Instrument :
MSVOA_Y
ClientSampleId :

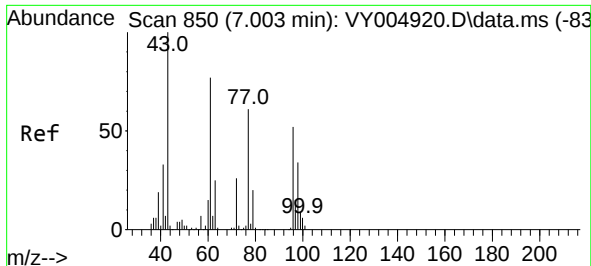
Tgt Ion: 43 Resp: 21761
Ion Ratio Lower Upper
43 100
58 30.4 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion: 84 Resp: 5865
Ion Ratio Lower Upper
84 100
49 138.1 108.0 162.0
51 43.6 32.6 48.8
86 76.5 49.9 74.9#

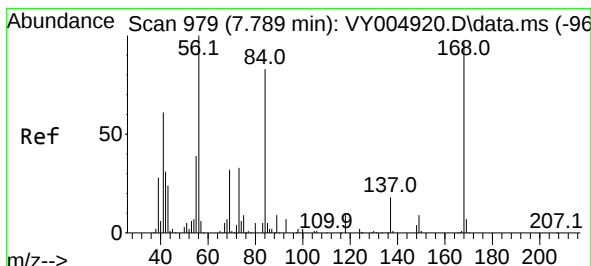
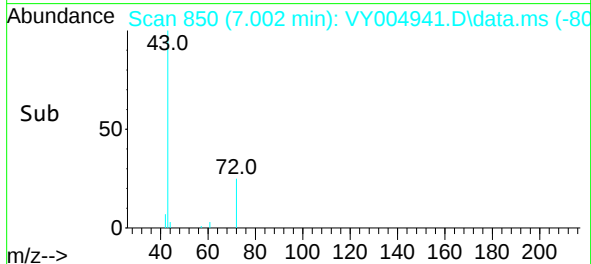
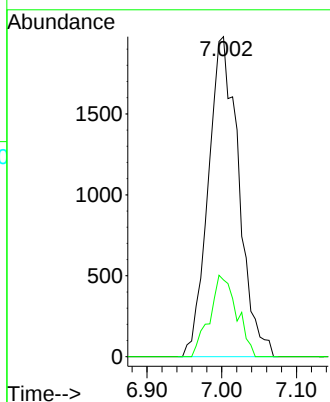
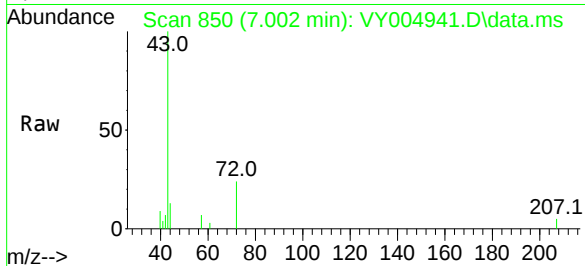




#25
2-Butanone
Concen: 6.47 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

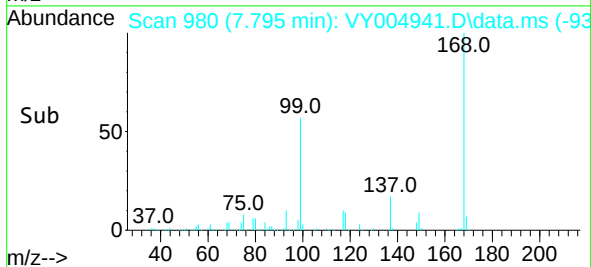
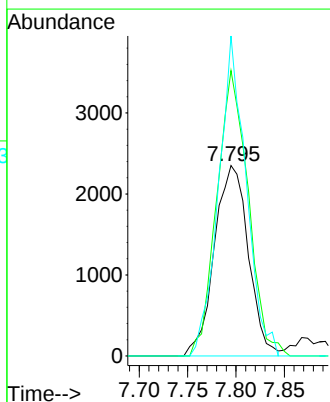
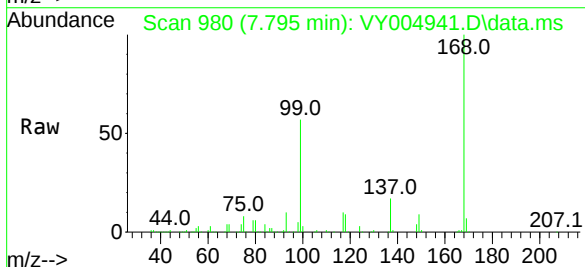
Instrument :
MSVOA_Y
ClientSampled :

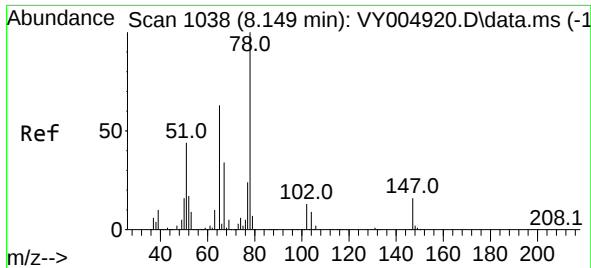
Tgt Ion: 43 Resp: 5606
Ion Ratio Lower Upper
43 100
72 24.0 20.6 31.0



#31
Cyclohexane
Concen: 1.52 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion: 56 Resp: 5733
Ion Ratio Lower Upper
56 100
69 150.0 25.3 37.9#
84 176.1 66.2 99.4#

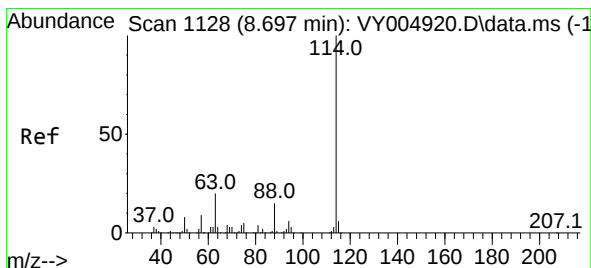
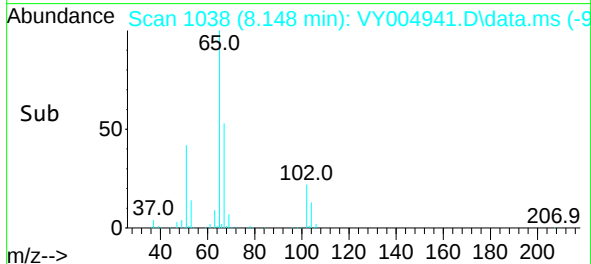
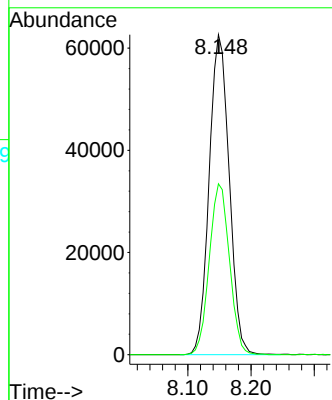
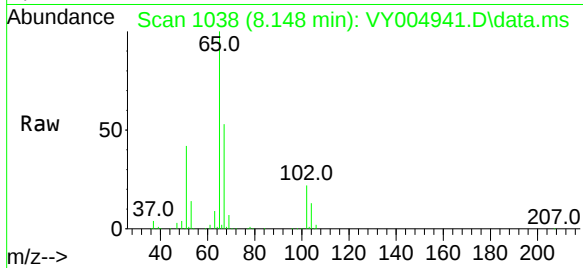




#33
1,2-Dichloroethane-d4
Concen: 64.31 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

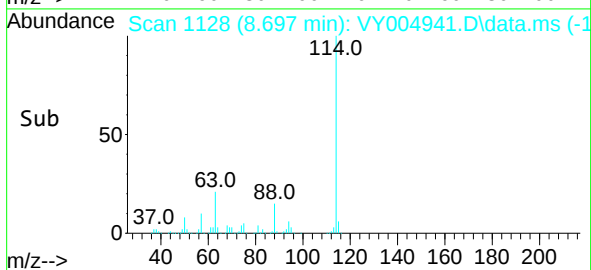
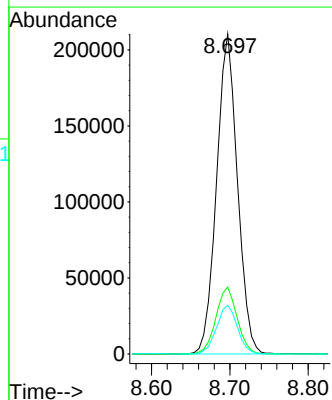
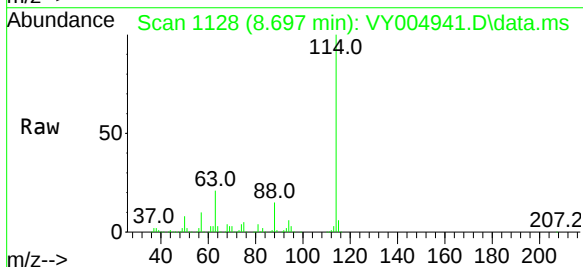
Instrument :
MSVOA_Y
ClientSampled :

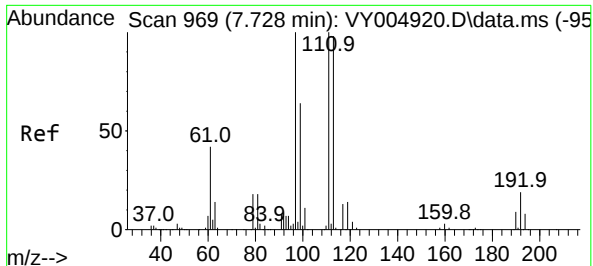
Tgt Ion: 65 Resp: 137575
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

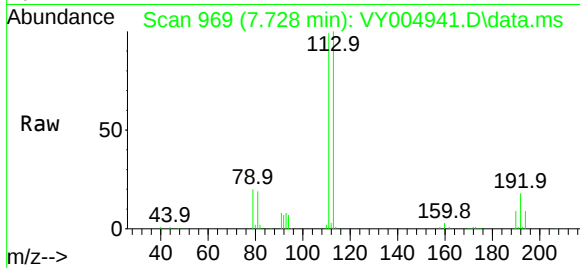
Tgt Ion: 114 Resp: 389743
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.0
88 15.2 0.0 30.6



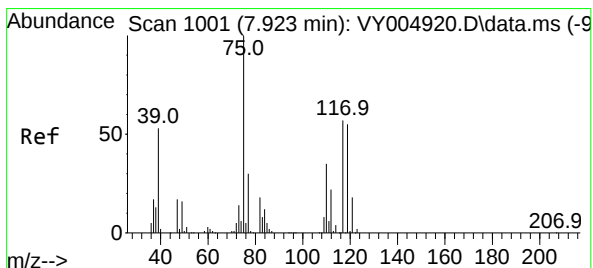
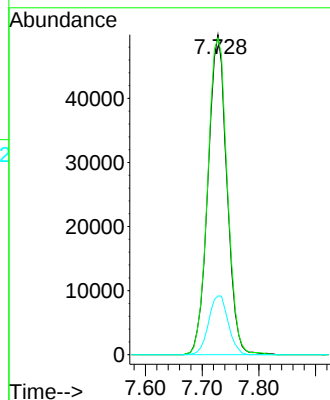
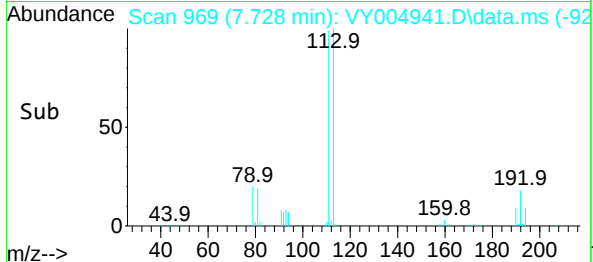


#35
Dibromofluoromethane
Concen: 55.02 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

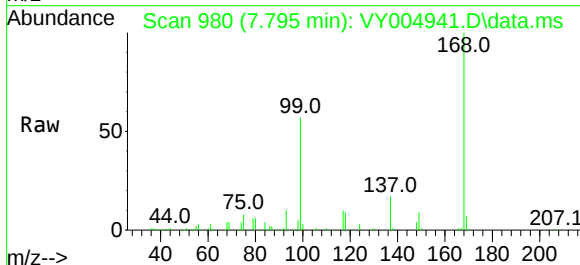
Instrument :
MSVOA_Y
ClientSampleId :



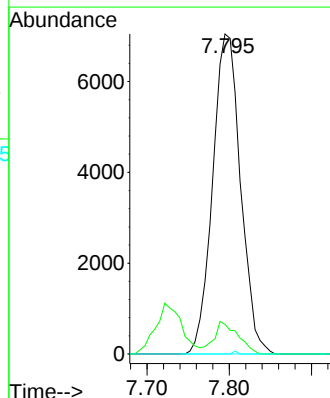
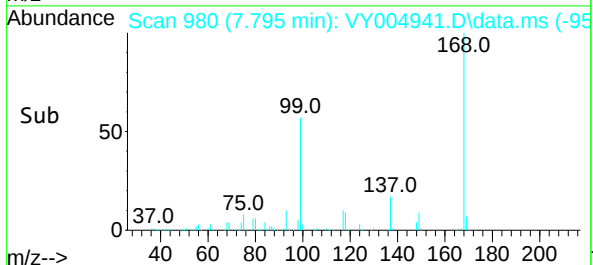
Tgt Ion:113 Resp: 115375
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 19.1 15.3 22.9

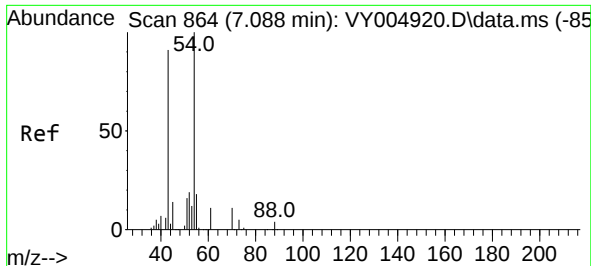


#36
1,1-Dichloropropene
Concen: 4.35 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59



Tgt Ion: 75 Resp: 16610
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.1 25.1 37.7#

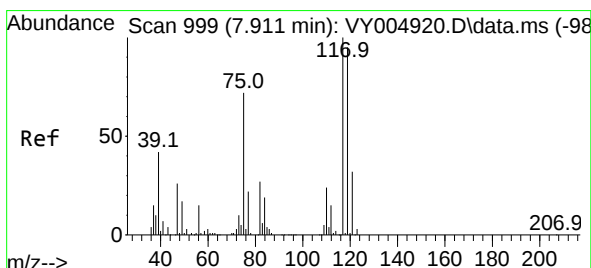
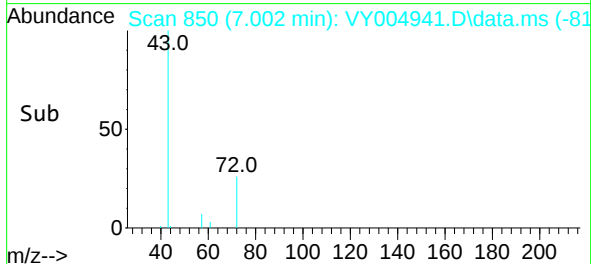
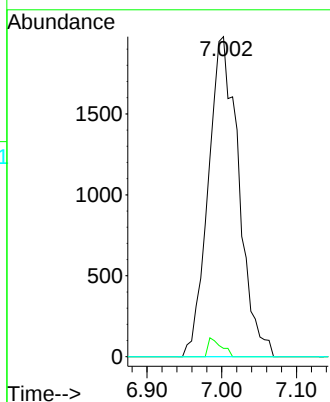
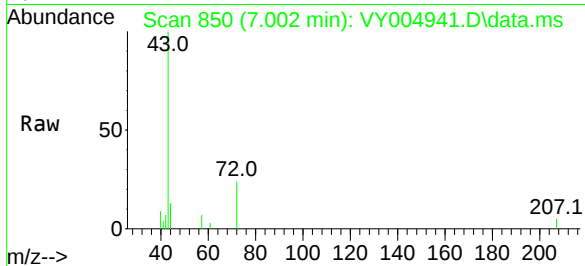




#37
Ethyl Acetate
Concen: 2.23 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.086 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

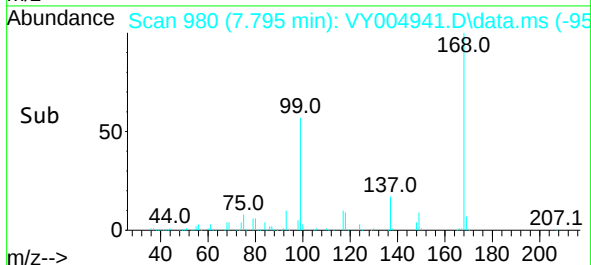
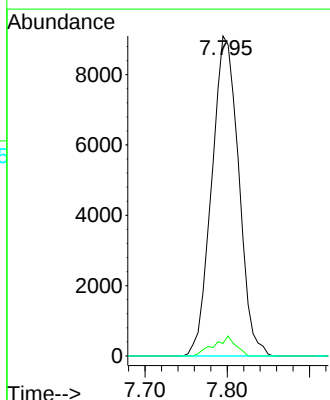
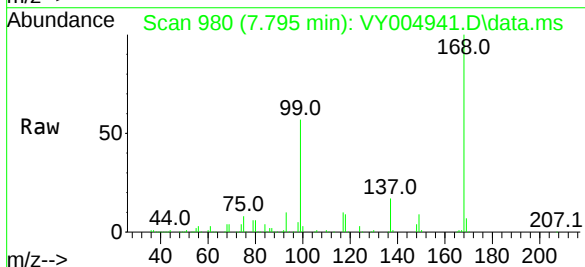
Instrument :
MSVOA_Y
ClientSampleId :

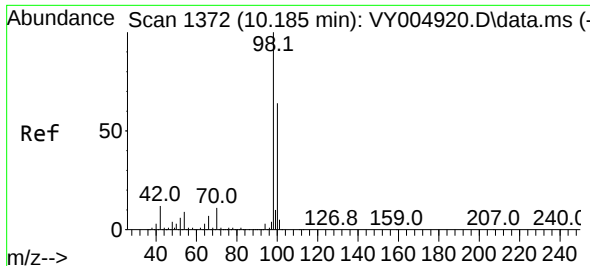
Tgt Ion: 43 Resp: 5606
Ion Ratio Lower Upper
43 100
61 2.6 10.5 15.7#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion: 117 Resp: 20738
Ion Ratio Lower Upper
117 100
119 3.9 76.1 114.1#
121 0.0 25.5 38.3#

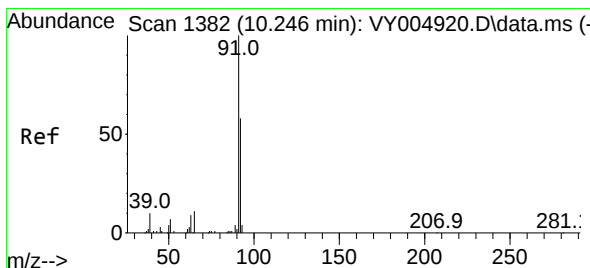
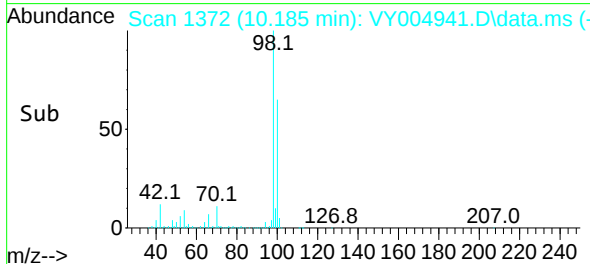
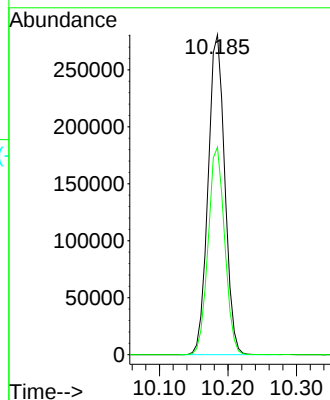
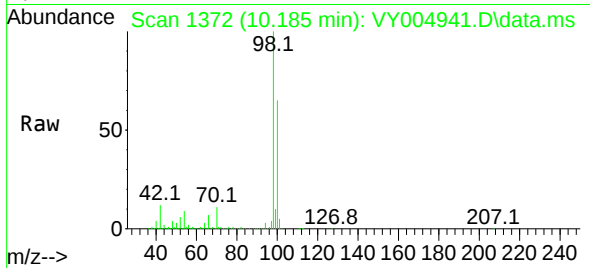




#50
Toluene-d8
Concen: 54.61 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

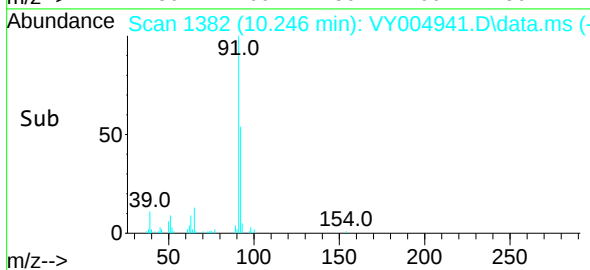
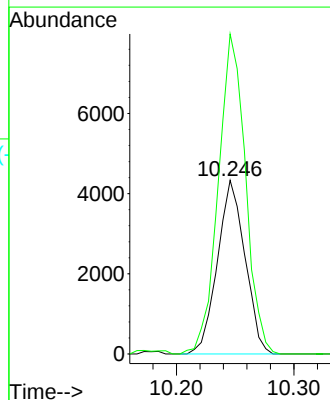
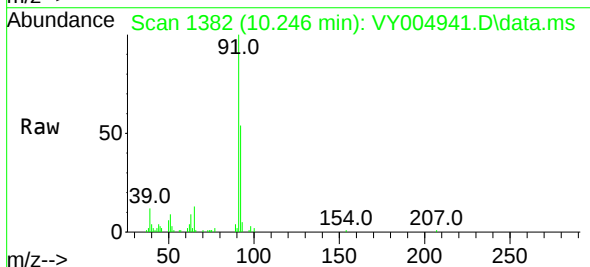
Instrument :
MSVOA_Y
ClientSampled :

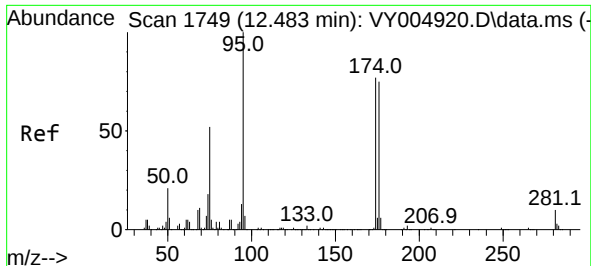
Tgt Ion: 98 Resp: 475618
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#52
Toluene
Concen: 1.07 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion: 92 Resp: 7055
Ion Ratio Lower Upper
92 100
91 182.0 139.3 208.9

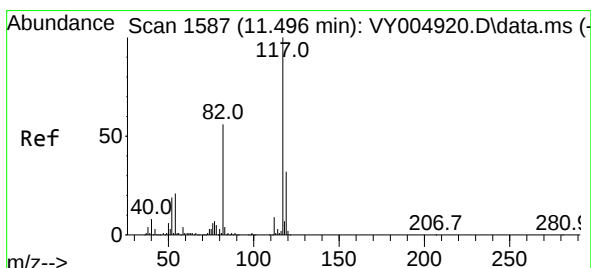
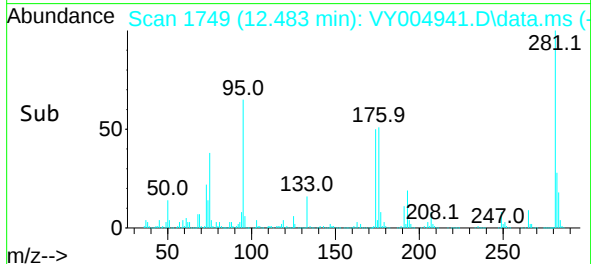
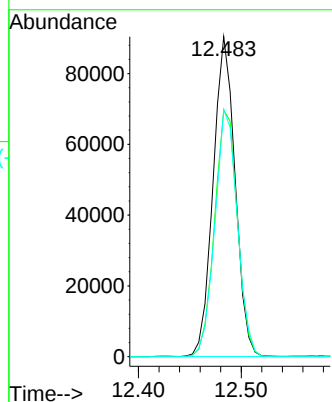
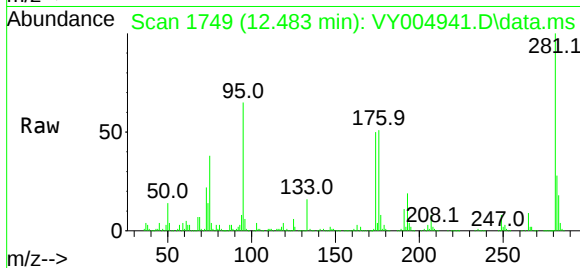




#62
4-Bromofluorobenzene
Concen: 44.66 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

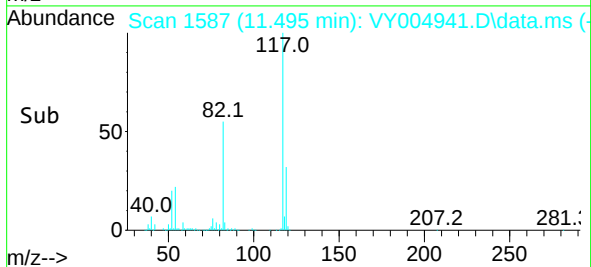
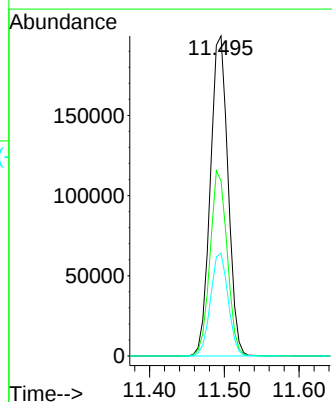
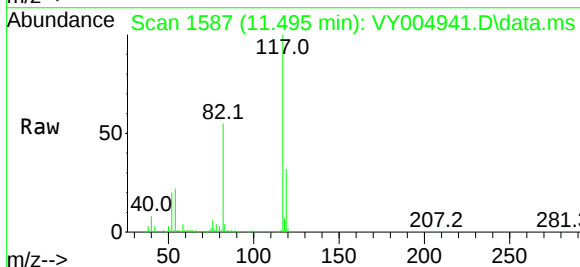
Instrument :
MSVOA_Y
ClientSampleId :

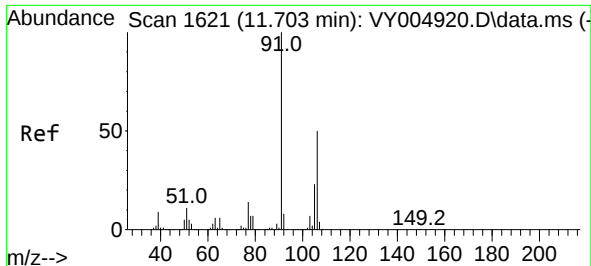
Tgt Ion: 95 Resp: 133765
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.8
176 79.0 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion: 117 Resp: 327080
Ion Ratio Lower Upper
117 100
82 54.7 44.8 67.2
119 32.1 25.2 37.8

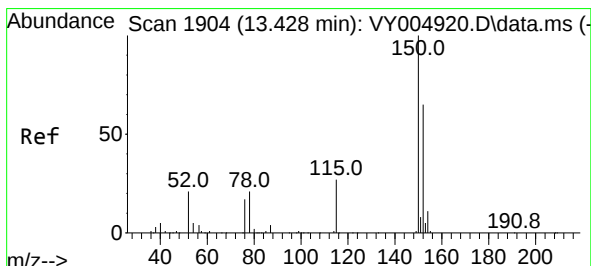
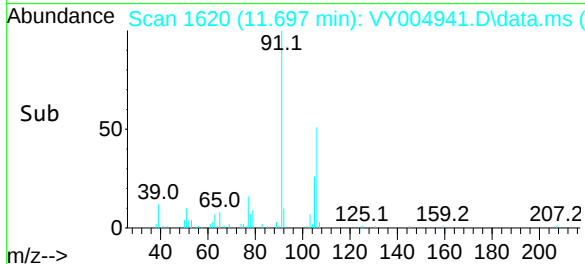
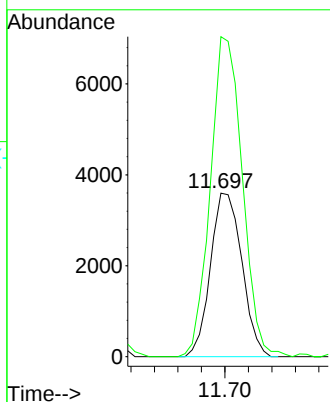
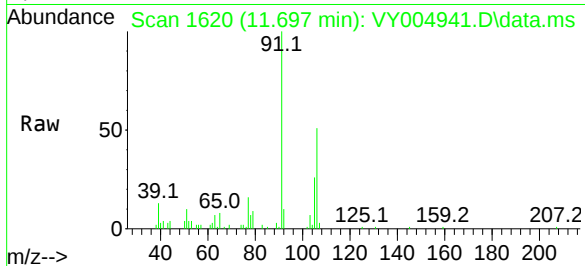




#68
m/p-Xylenes
Concen: 1.49 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

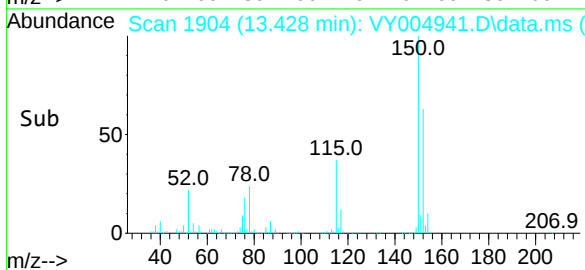
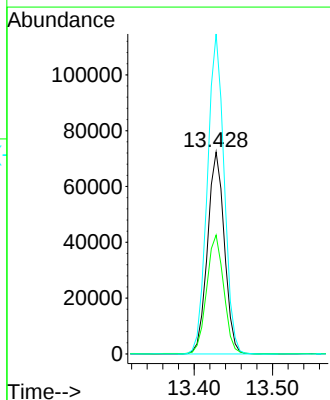
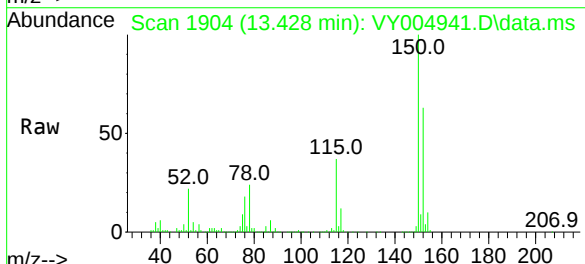
Instrument :
MSVOA_Y
ClientSampleId :

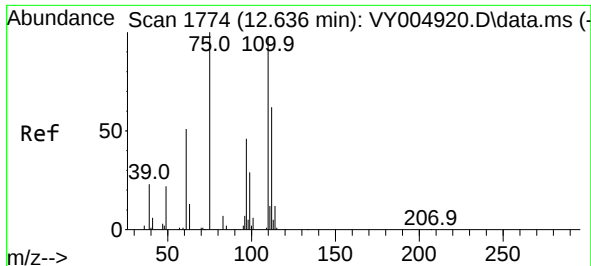
Tgt Ion:106 Resp: 6674
Ion Ratio Lower Upper
106 100
91 199.2 161.9 242.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion:152 Resp: 107894
Ion Ratio Lower Upper
152 100
115 59.9 29.9 89.7
150 158.0 0.0 347.8

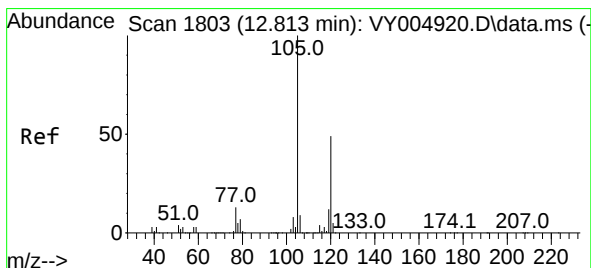
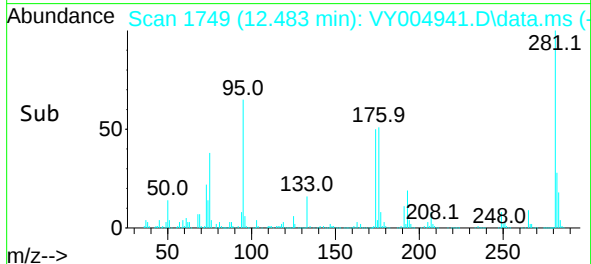
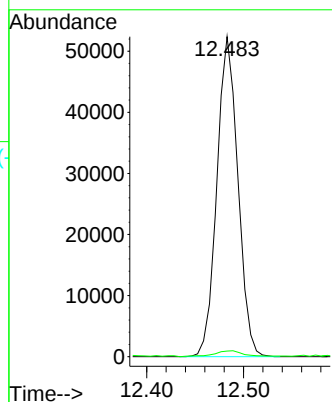
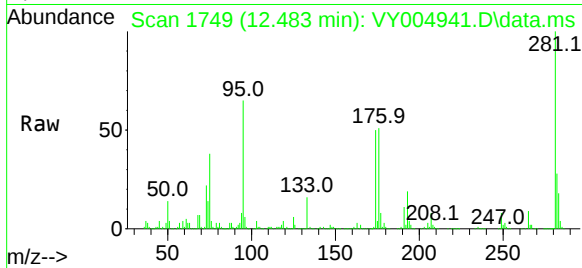




#76
1,2,3-Trichloropropane
Concen: 66.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

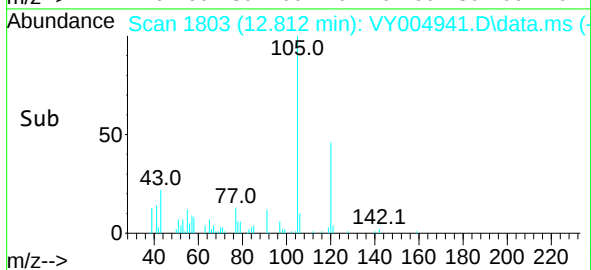
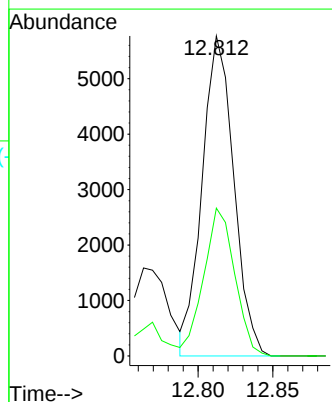
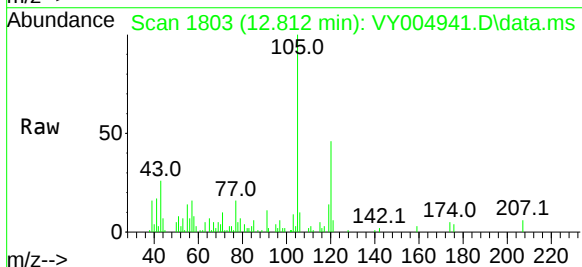
Instrument :
MSVOA_Y
ClientSampleId :

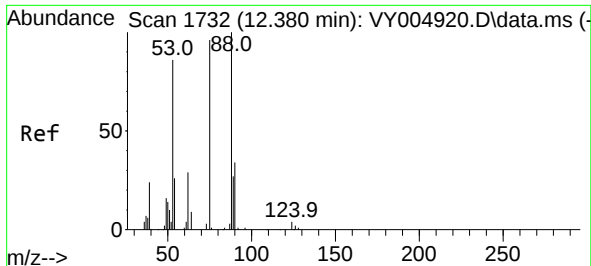
Tgt Ion: 75 Resp: 78952
Ion Ratio Lower Upper
75 100
77 2.7 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 1.26 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

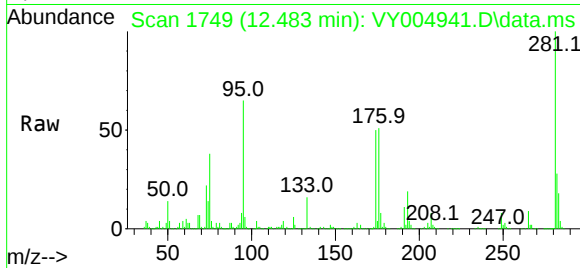
Tgt Ion:105 Resp: 8476
Ion Ratio Lower Upper
105 100
120 45.5 24.5 73.5



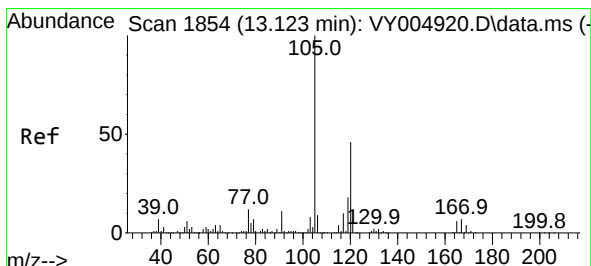
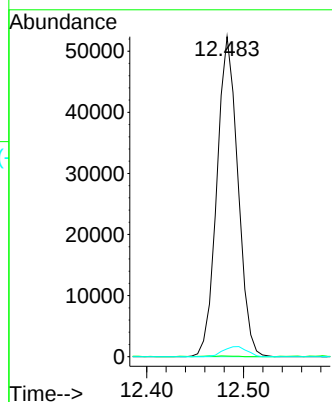
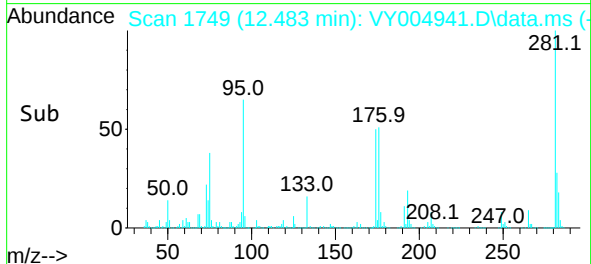


#81
trans-1,4-Dichloro-2-butene
Concen: 122.68 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

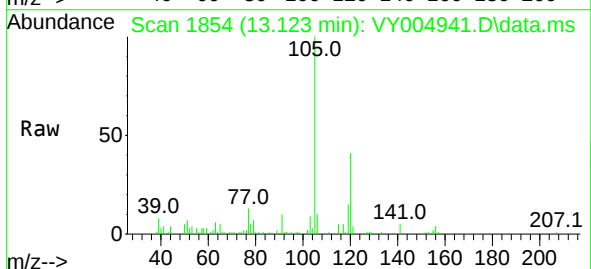
Instrument :
MSVOA_Y
ClientSampled :



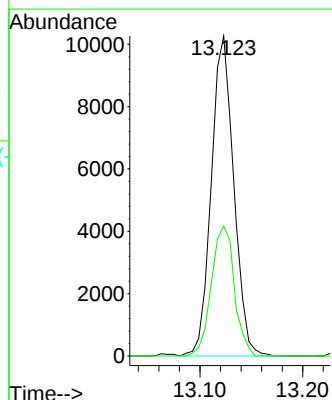
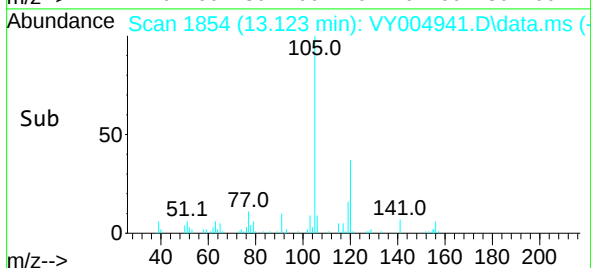
Tgt Ion: 75 Resp: 78952
Ion Ratio Lower Upper
75 100
53 0.2 69.3 103.9#
89 3.6 35.0 52.6#

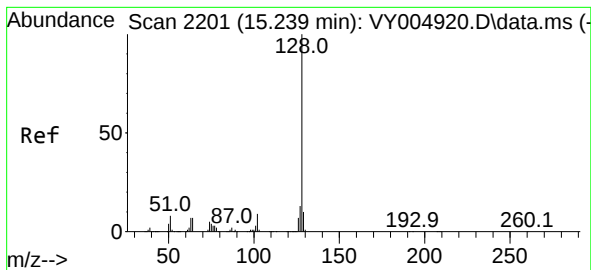


#84
1,2,4-Trimethylbenzene
Concen: 2.33 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59



Tgt Ion: 105 Resp: 15580
Ion Ratio Lower Upper
105 100
120 41.5 22.6 67.7





#95
Naphthalene
Concen: 17.91 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 75744
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.5 8.7 13.1

