

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004940.D
 Acq On : 03 Jun 2021 16:36
 Operator : SY/MD
 Sample : M2589-10
 Misc : 4.32G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 04 01:17:31 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)

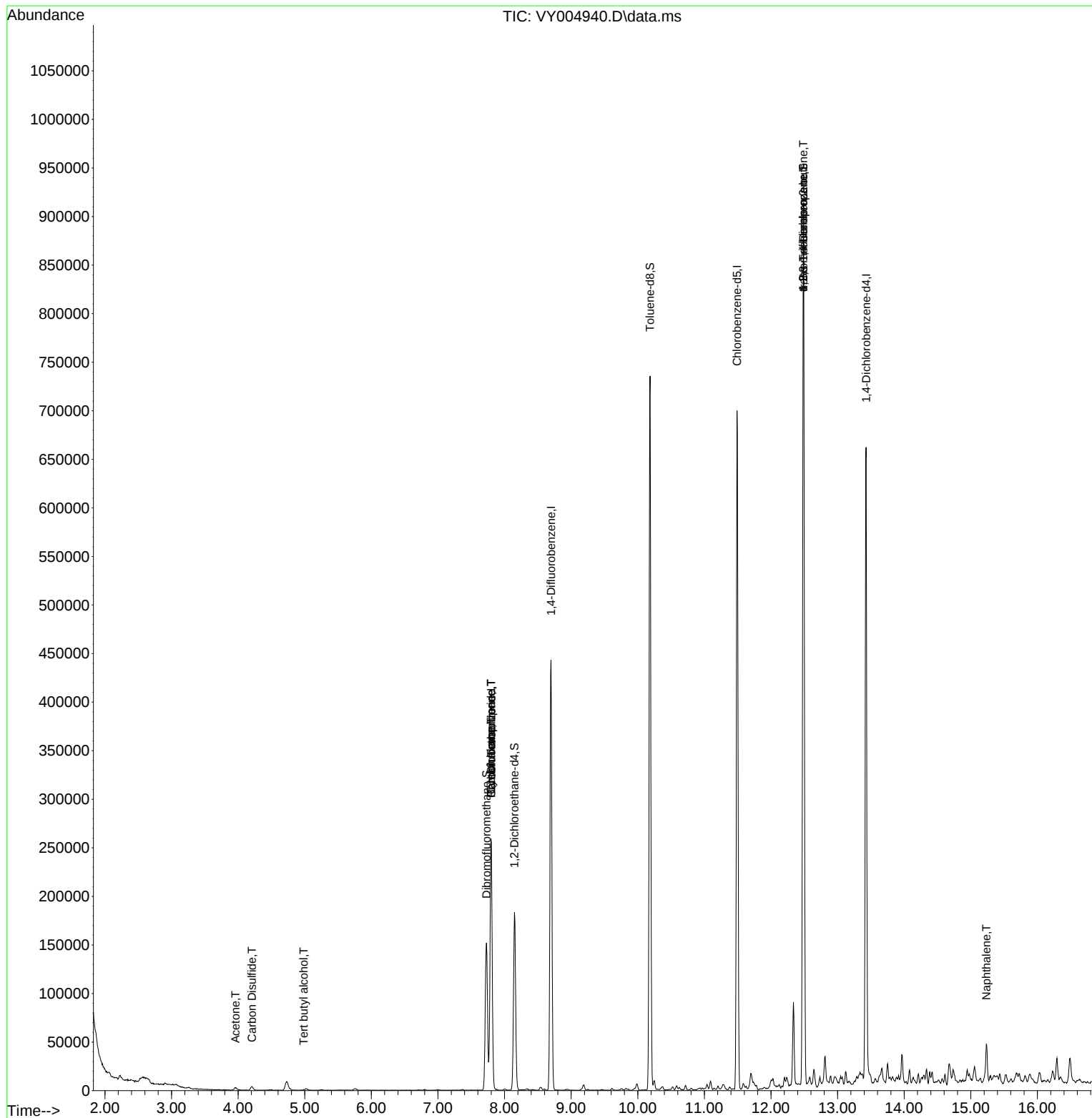
Internal Standards						
1) Pentafluorobenzene	7.801	168	196615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	367874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	374298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	139387	67.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.12%			
35) Dibromofluoromethane	7.728	113	109668	55.41	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.82%			
50) Toluene-d8	10.185	98	463905	56.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.88%			
62) 4-Bromofluorobenzene	12.483	95	172539	61.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 122.06%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.985	59	334	1.40	ug/l #	74
13) Acrolein	3.930	56	24	Below Cal	#	15
16) Acetone	3.960	43	4265	8.52	ug/l	90
17) Carbon Disulfide	4.204	76	7118	1.15	ug/l #	88
20) Methylene Chloride	4.729	84	6540	Below Cal		92
31) Cyclohexane	7.795	56	5364	1.47	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	15848	4.40	ug/l #	49
38) Carbon Tetrachloride	7.801	117	20110	6.42	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	95645	54.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	95645	100.39	ug/l #	16
95) Naphthalene	15.233	128	30030	4.80	ug/l	95

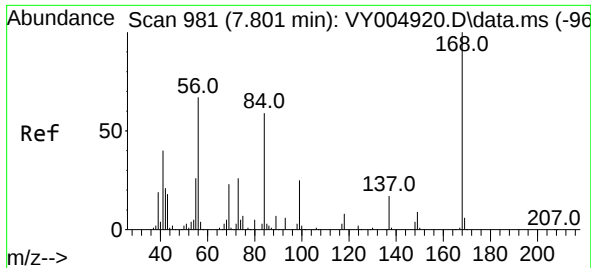
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004940.D
Acq On : 03 Jun 2021 16:36
Operator : SY/MD
Sample : M2589-10
Misc : 4.32G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 04 01:17:31 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

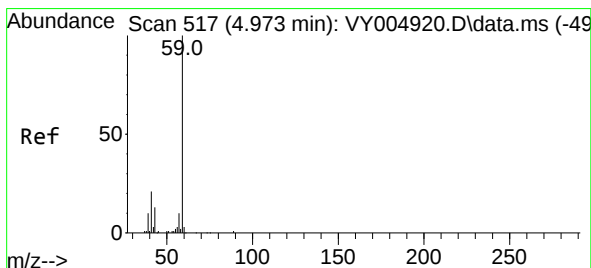
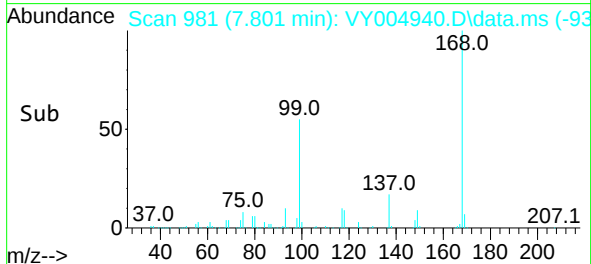
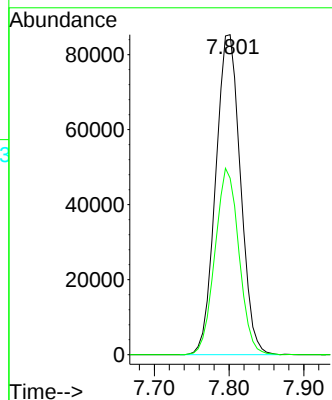
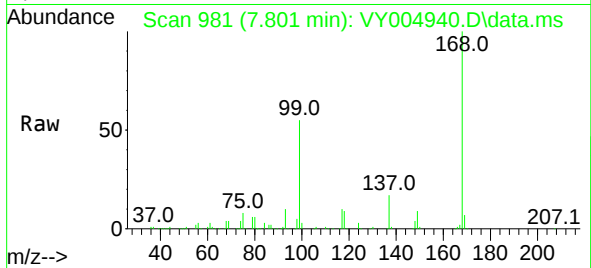




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

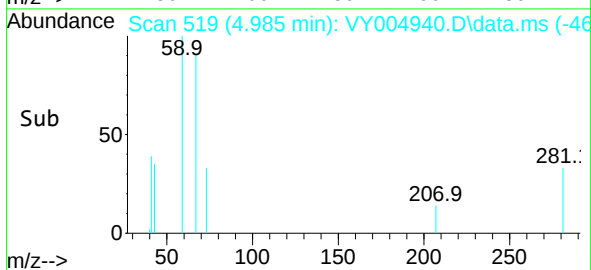
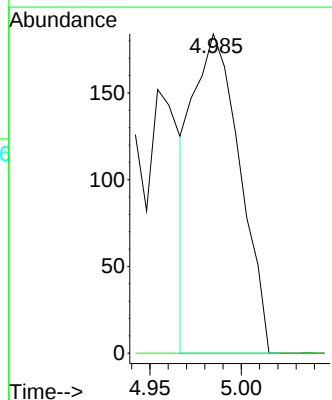
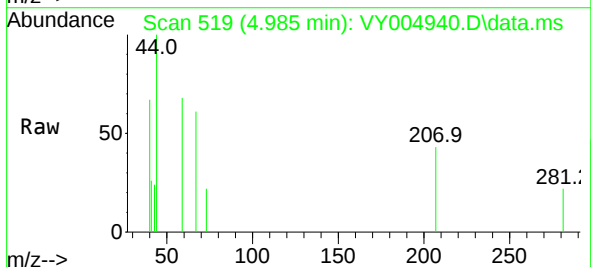
Instrument :
MSVOA_Y
ClientSampleId :

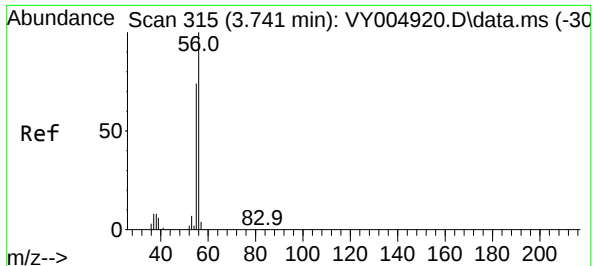
Tgt Ion:168 Resp: 196615
Ion Ratio Lower Upper
168 100
99 55.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.40 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

Tgt Ion: 59 Resp: 334
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

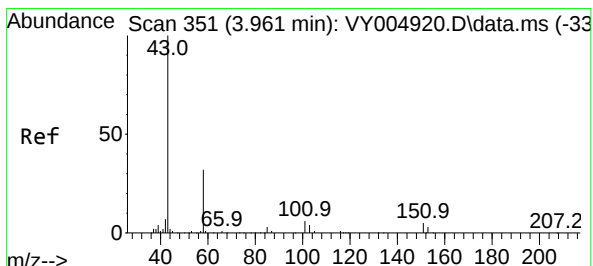
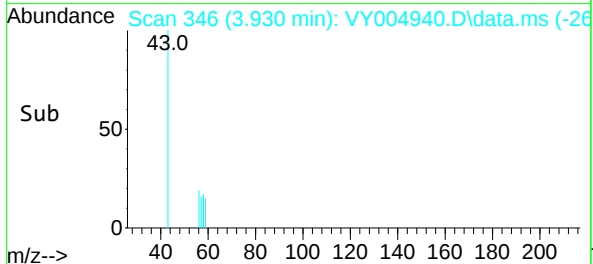
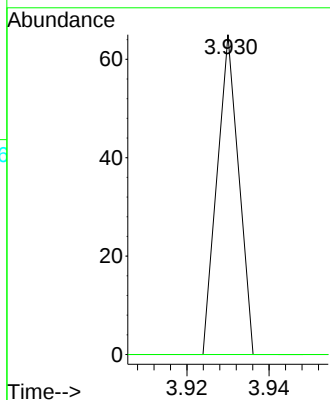
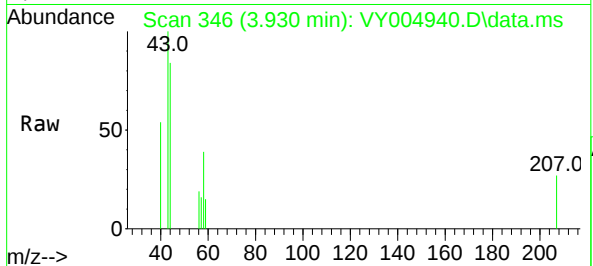




#13
Acrolein
Concen: Below Cal
RT: 3.930 min Scan# 346
Delta R.T. 0.189 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

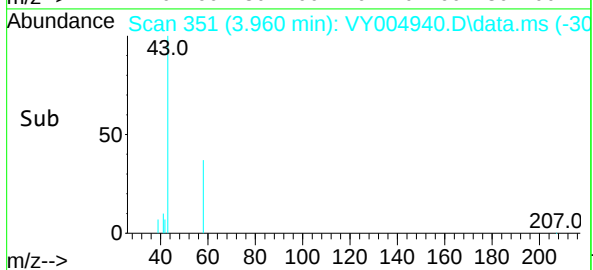
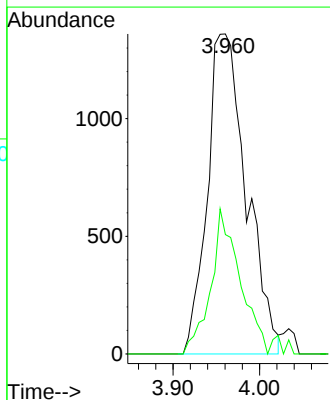
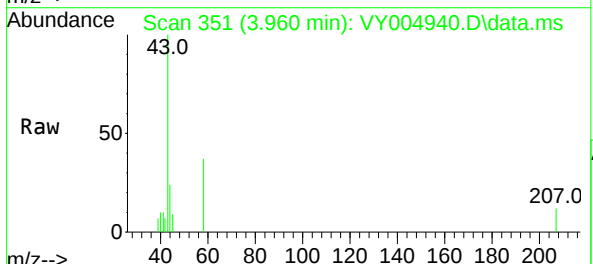
Instrument :
MSVOA_Y
ClientSampled :

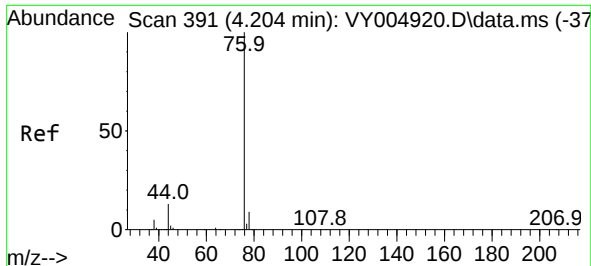
Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 8.52 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

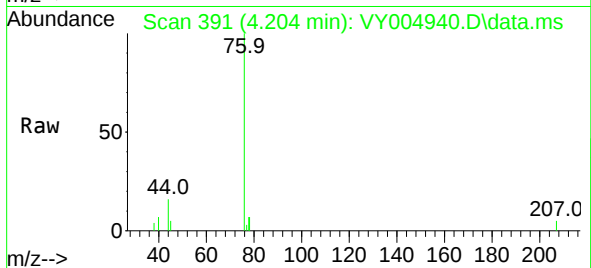
Tgt Ion: 43 Resp: 4265
Ion Ratio Lower Upper
43 100
58 37.3 25.3 37.9



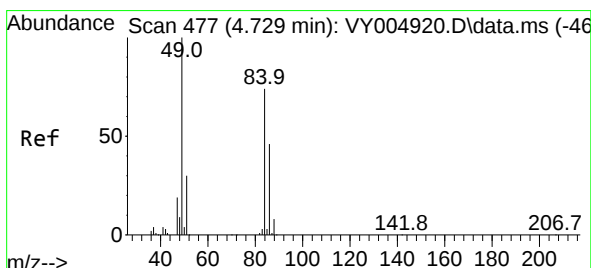
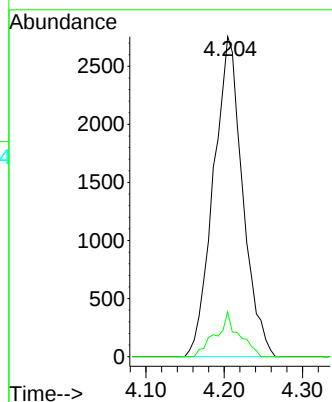
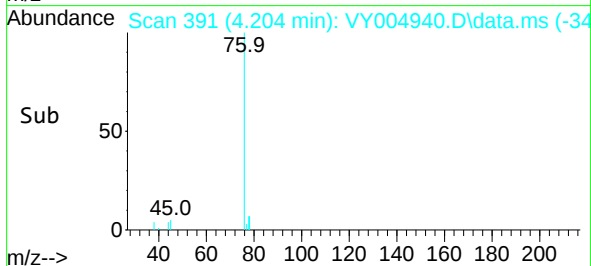


#17
Carbon Disulfide
Concen: 1.15 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

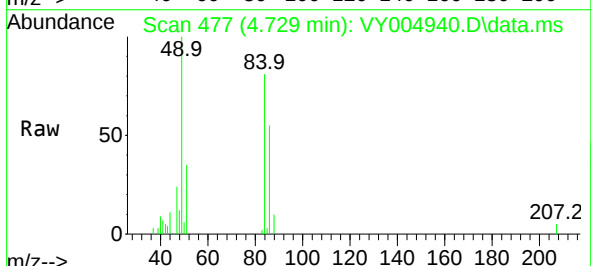
Instrument :
MSVOA_Y
ClientSampled :



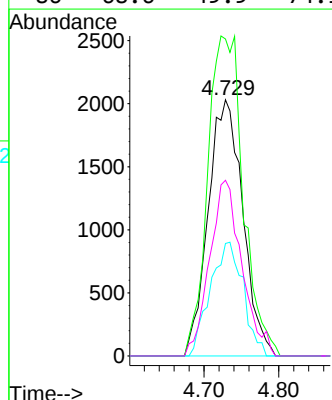
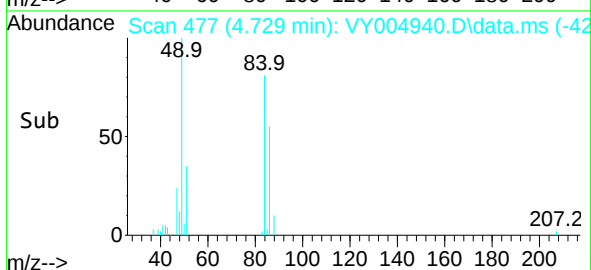
Tgt Ion: 76 Resp: 7118
Ion Ratio Lower Upper
76 100
78 14.0 7.6 11.4#

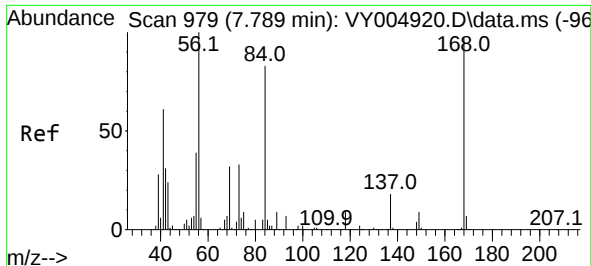


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36



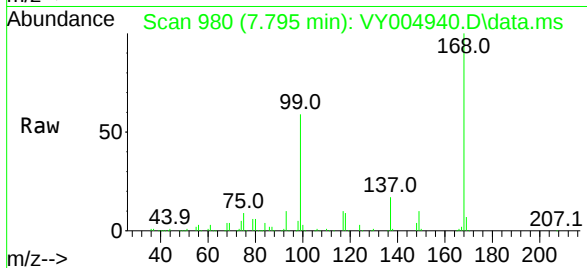
Tgt Ion: 84 Resp: 6540
Ion Ratio Lower Upper
84 100
49 123.7 108.0 162.0
51 43.9 32.6 48.8
86 68.6 49.9 74.9



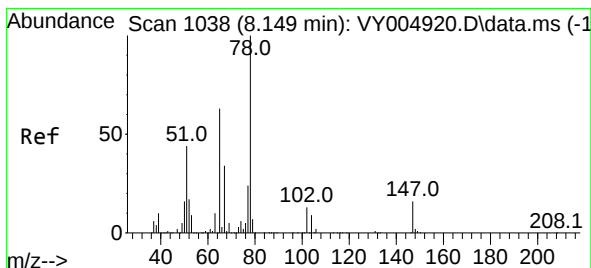
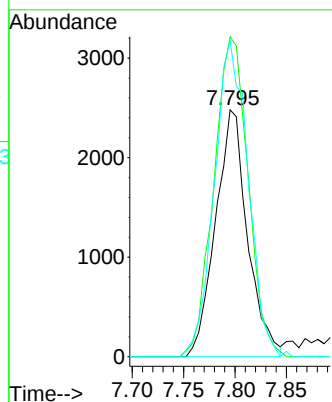
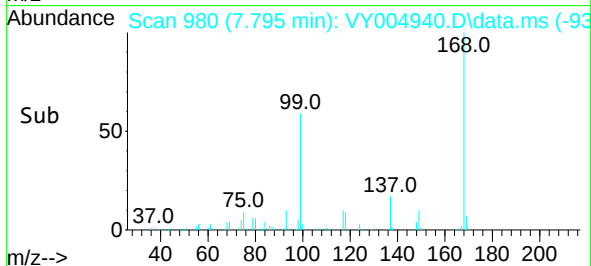


#31
Cyclohexane
Concen: 1.47 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

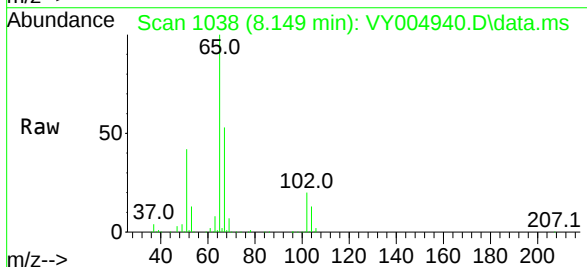
Instrument :
MSVOA_Y
ClientSampleId :



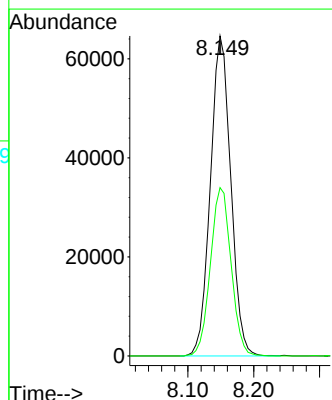
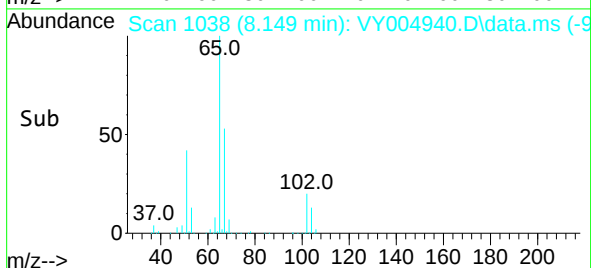
Tgt Ion: 56 Resp: 5364
Ion Ratio Lower Upper
56 100
69 129.6 25.3 37.9#
84 128.0 66.2 99.4#

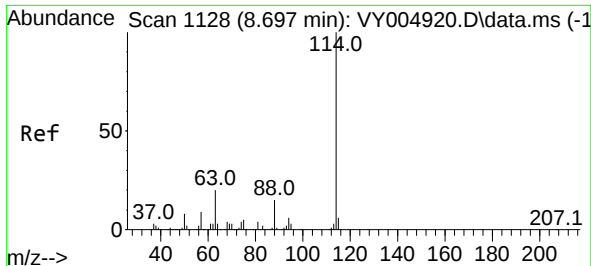


#33
1,2-Dichloroethane-d4
Concen: 67.06 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36



Tgt Ion: 65 Resp: 139387
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.6

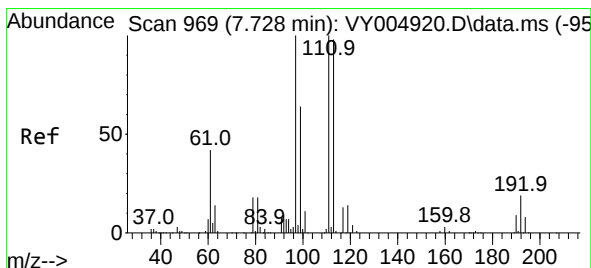
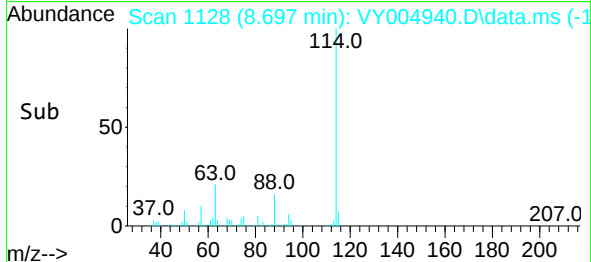
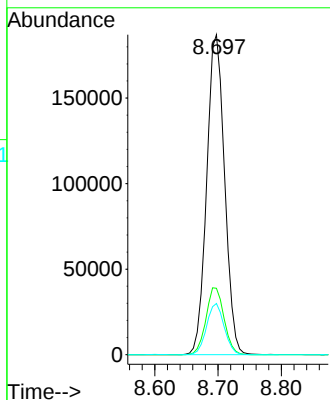
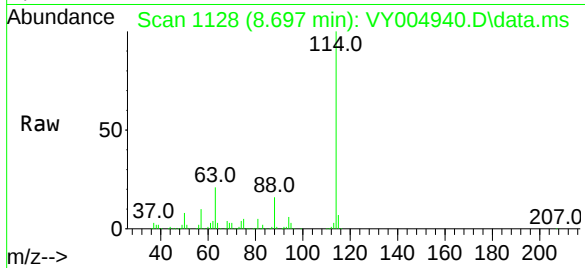




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

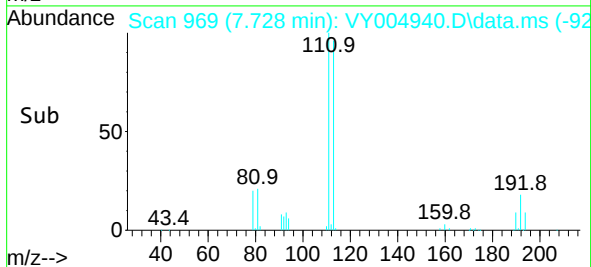
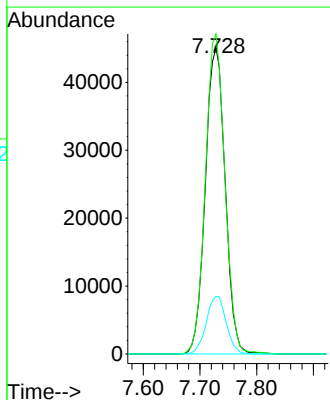
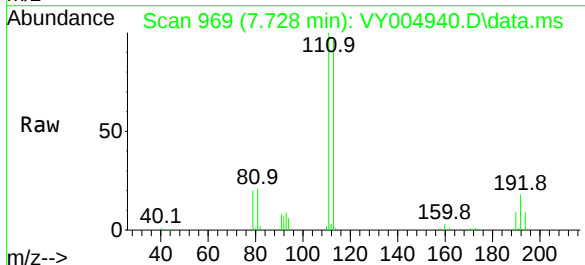
Instrument :
MSVOA_Y
ClientSampleId :

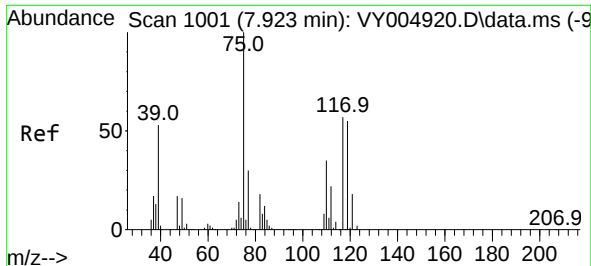
Tgt Ion:114 Resp: 367874
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.0
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.41 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

Tgt Ion:113 Resp: 109668
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 18.9 15.3 22.9

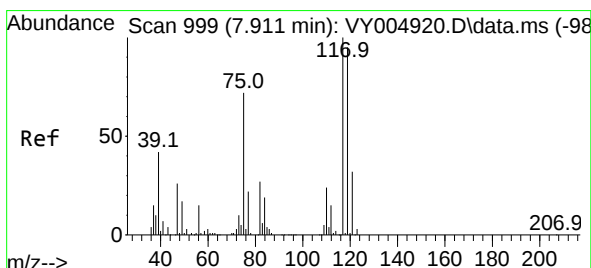
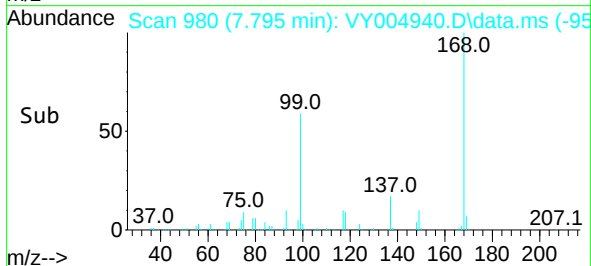
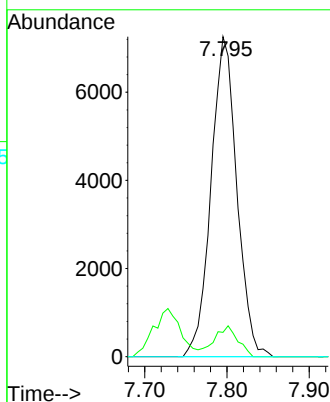
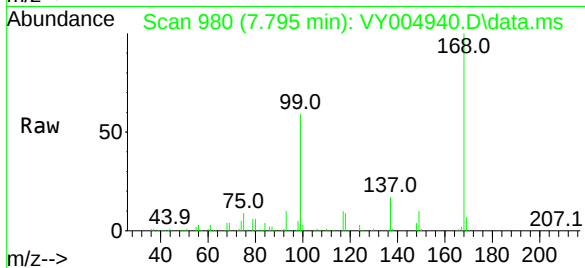




#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

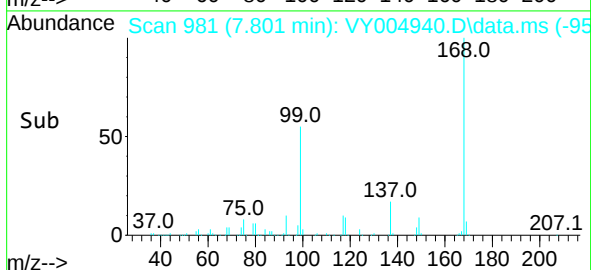
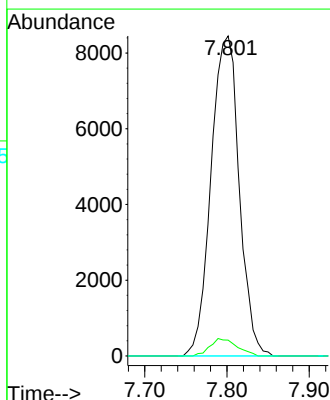
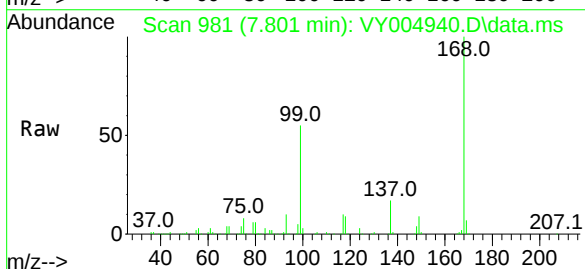
Instrument :
MSVOA_Y
ClientSampled :

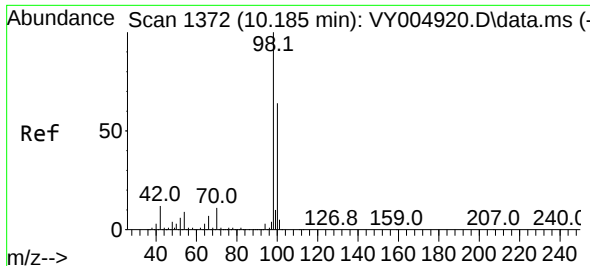
Tgt Ion:	75	Resp:	15848
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.5	52.5#
77	0.0	25.1	37.7#



#38
Carbon Tetrachloride
Concen: 6.42 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

Tgt Ion:	117	Resp:	20110
Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.1	114.1#
121	0.0	25.5	38.3#

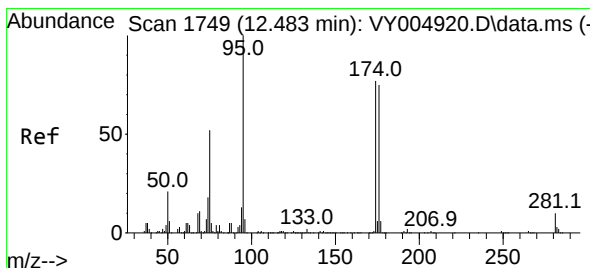
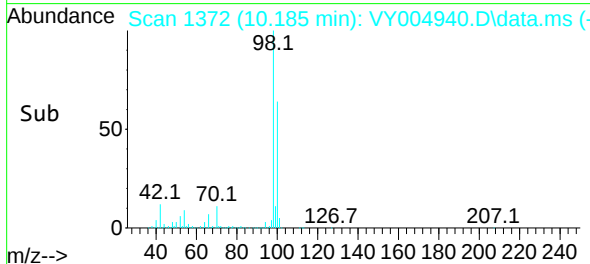
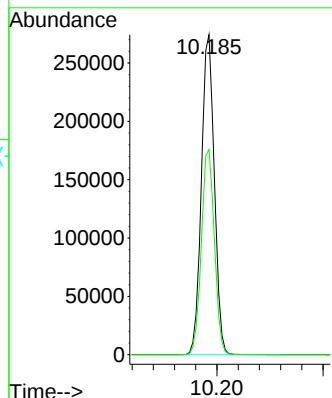
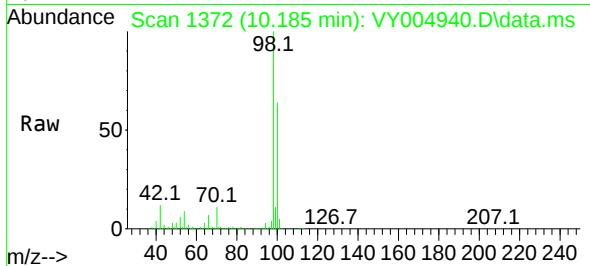




#50
Toluene-d8
Concen: 56.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

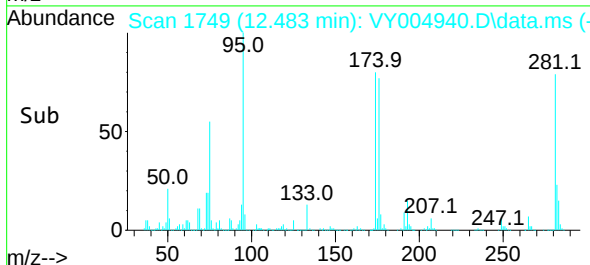
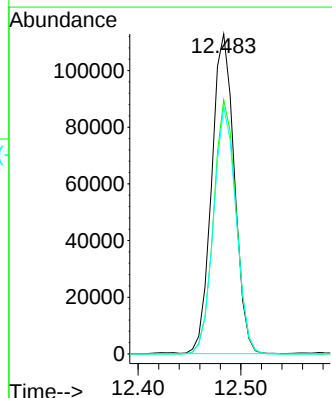
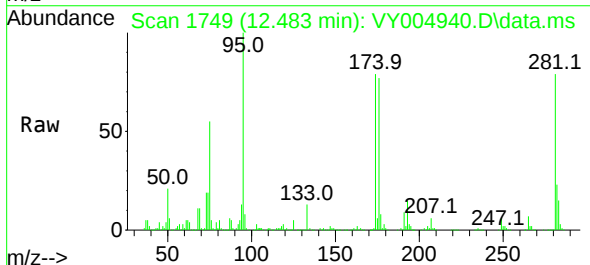
Instrument :
MSVOA_Y
ClientSampled :

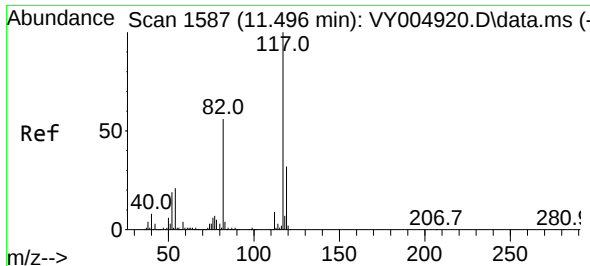
Tgt Ion: 98 Resp: 463905
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.03 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

Tgt Ion: 95 Resp: 172539
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.8
176 76.5 0.0 155.6

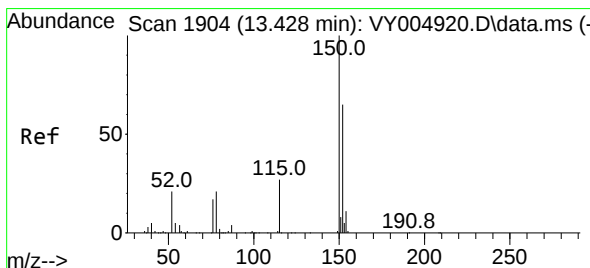
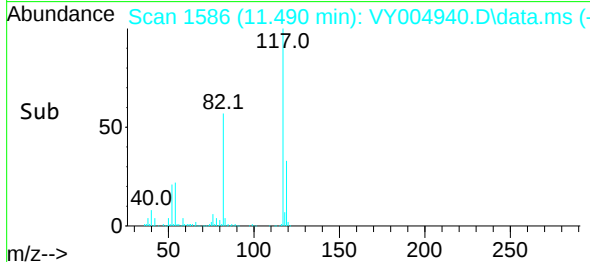
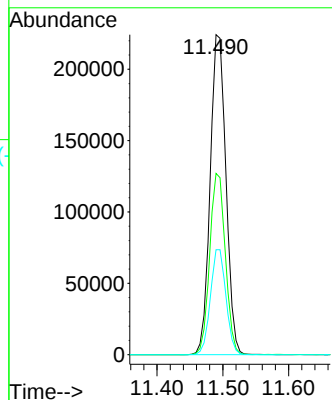
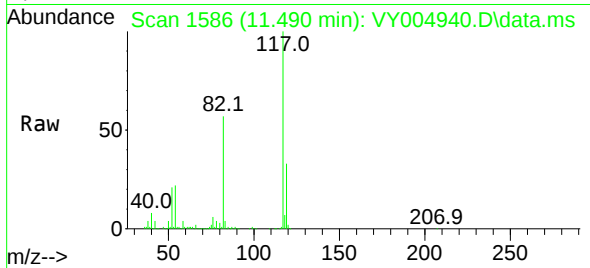




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

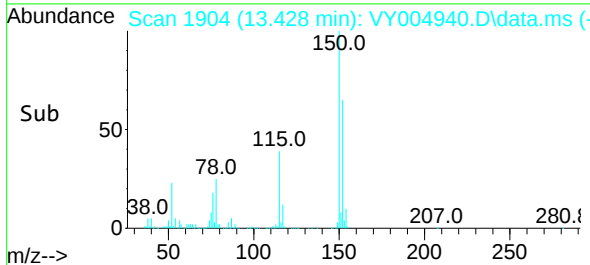
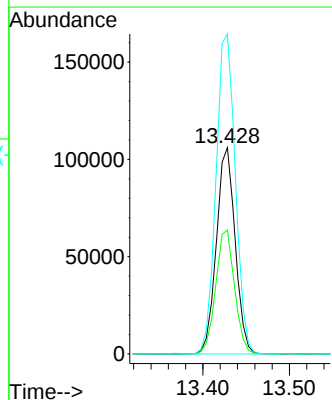
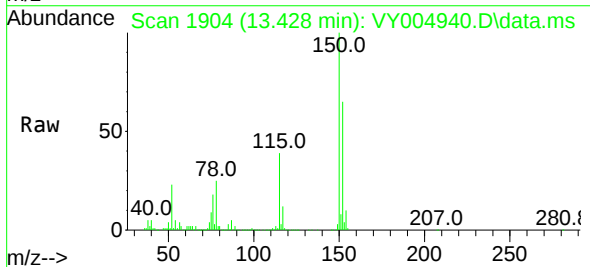
Instrument :
MSVOA_Y
ClientSampleId :

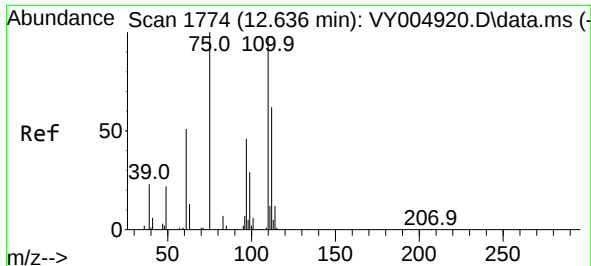
Tgt Ion:117 Resp: 374298
Ion Ratio Lower Upper
117 100
82 56.6 44.8 67.2
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

Tgt Ion:152 Resp: 159728
Ion Ratio Lower Upper
152 100
115 60.6 29.9 89.7
150 159.6 0.0 347.8

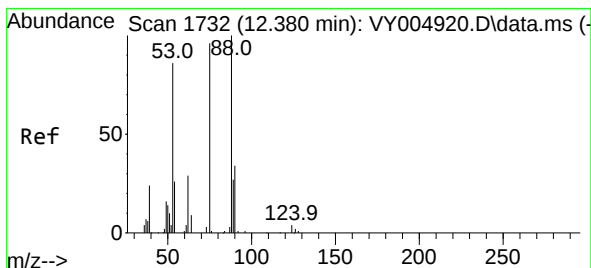
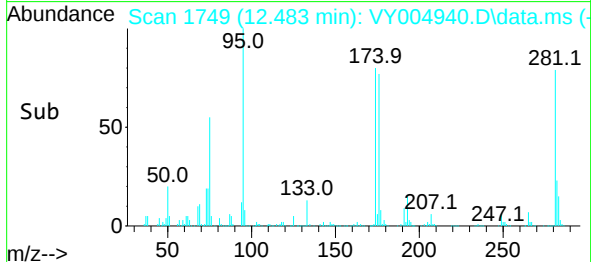
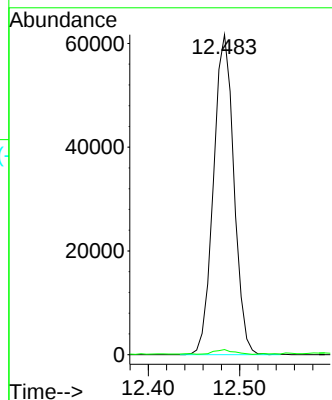
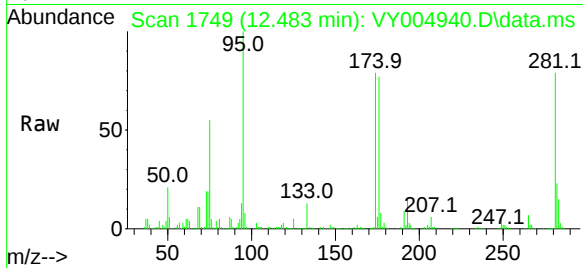




#76
1,2,3-Trichloropropane
Concen: 54.63 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

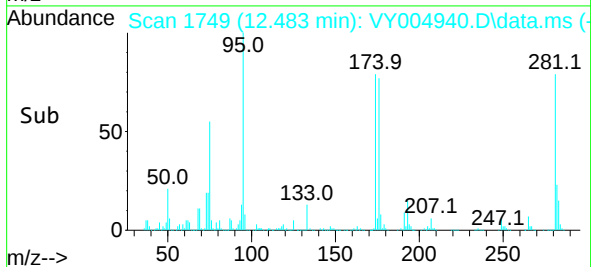
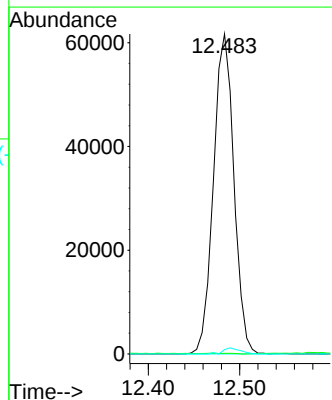
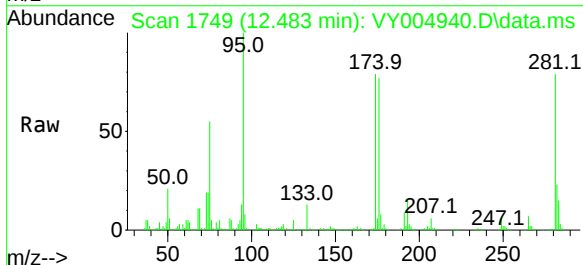
Instrument :
MSVOA_Y
ClientSampled :

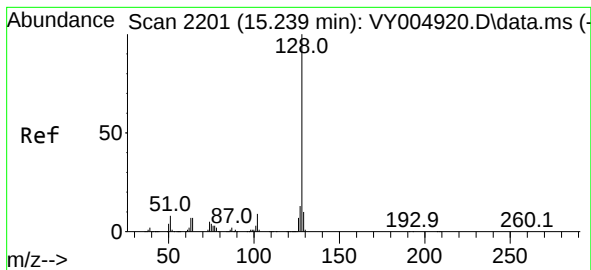
Tgt Ion: 75 Resp: 95645
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

Tgt Ion: 75 Resp: 95645
Ion Ratio Lower Upper
75 100
53 0.3 69.3 103.9#
89 1.6 35.0 52.6#





#95
Naphthalene
Concen: 4.80 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004940.D
Acq: 03 Jun 2021 16:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 30030
Ion Ratio Lower Upper
128 100
127 14.6 10.2 15.2
129 12.6 8.7 13.1

