

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004576.D
 Acq On : 22 Apr 2021 11:45
 Operator : SY/MD
 Sample : M2110-04
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:18:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

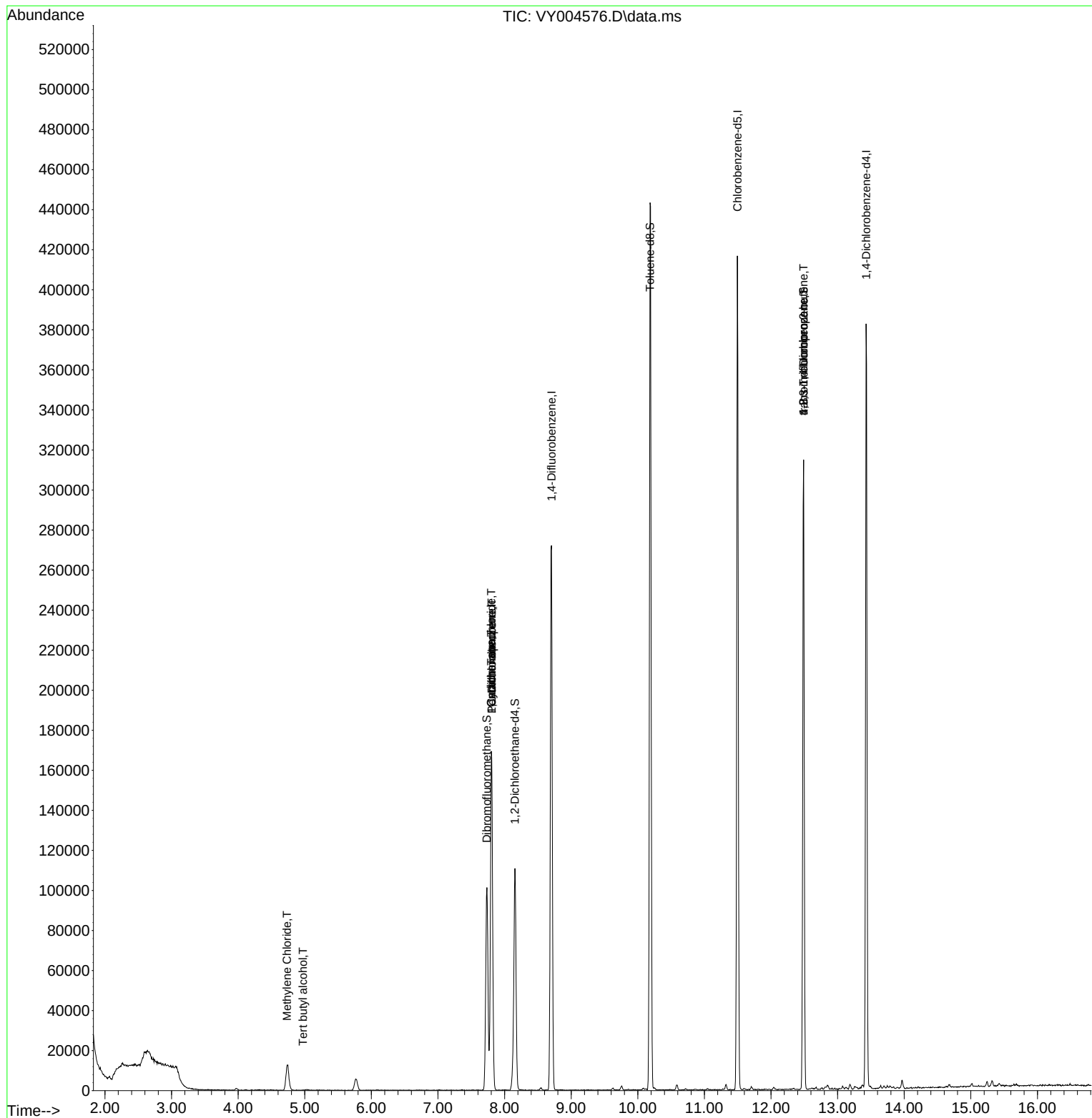
Internal Standards						
1) Pentafluorobenzene	7.807	168	127225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	225048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	209784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	83405	59.00	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.00%			
35) Dibromofluoromethane	7.734	113	70784	56.68	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.36%			
50) Toluene-d8	10.185	98	279023	52.52	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.04%			
62) 4-Bromofluorobenzene	12.489	95	90879	50.41	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.82%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	182	1.31	ug/l #	73
16) Acetone	3.966	43	1412	Below Cal		95
20) Methylene Chloride	4.734	84	9271	6.79	ug/l	91
31) Cyclohexane	7.801	56	3132	1.21	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	10991	4.91	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12902	6.67	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	50979	52.76	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	50979	94.38	ug/l #	12

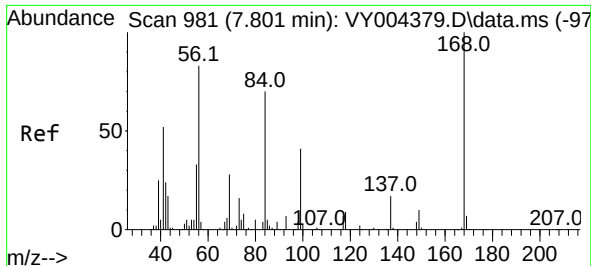
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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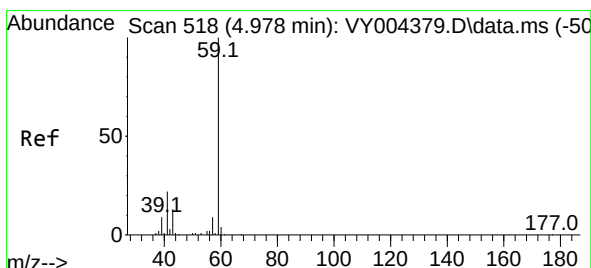
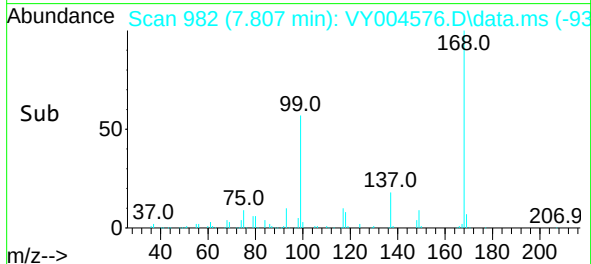
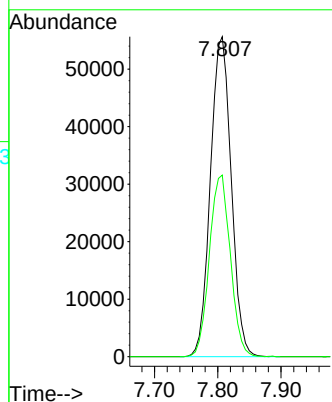
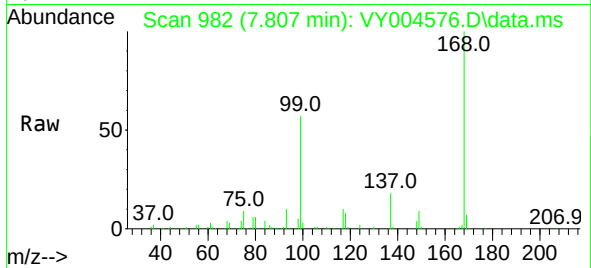




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

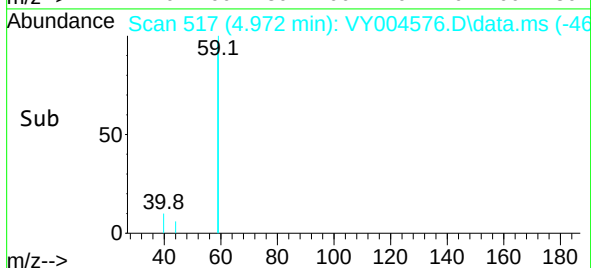
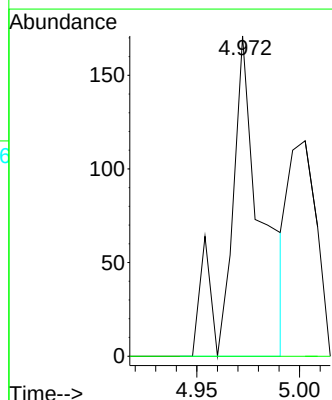
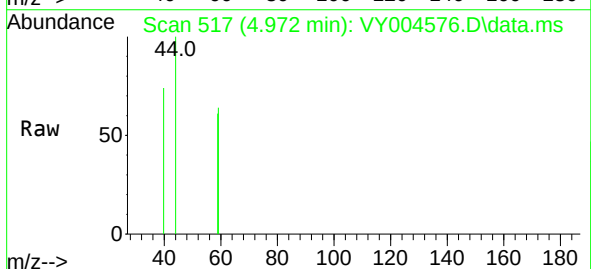
Instrument :
MSVOA_Y
ClientSampled :

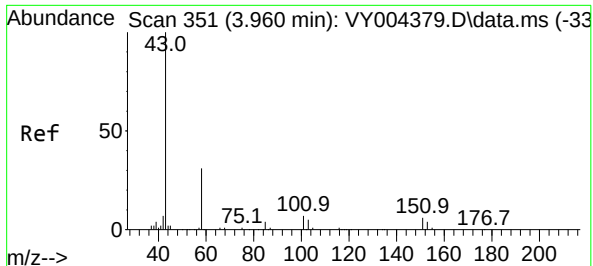
Tgt Ion:168 Resp: 127225
Ion Ratio Lower Upper
168 100
99 56.7 45.5 68.3



#11
Tert butyl alcohol
Concen: 1.31 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

Tgt Ion: 59 Resp: 182
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

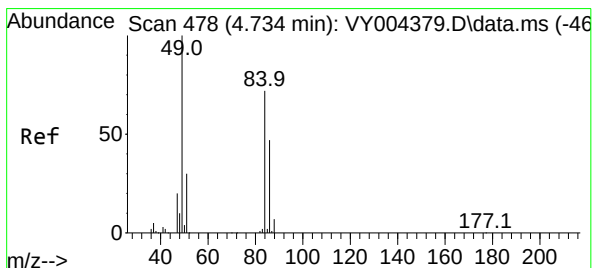
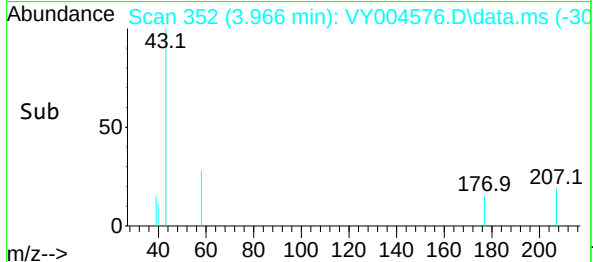
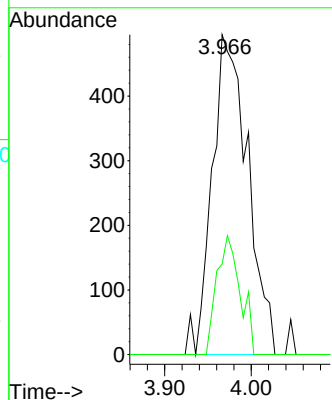
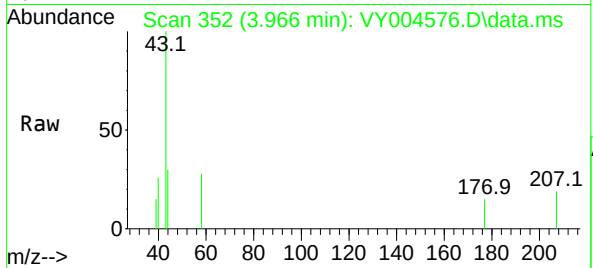




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

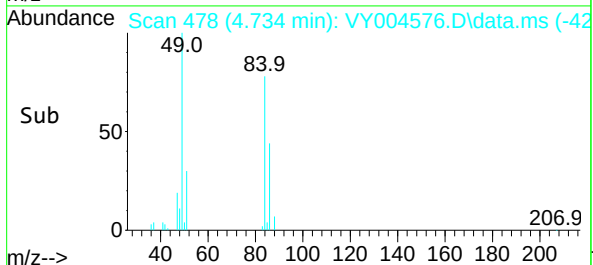
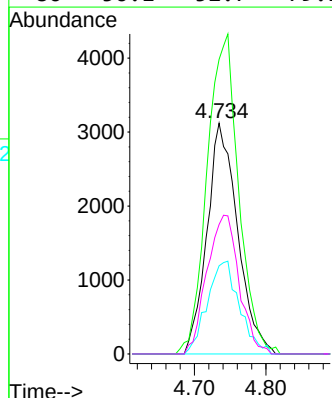
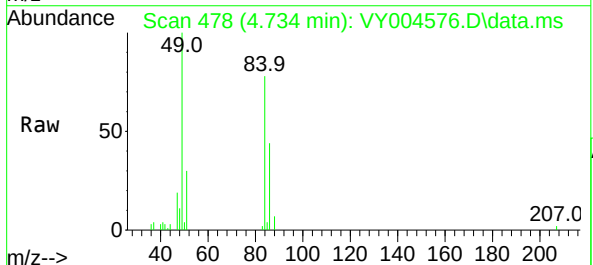
Instrument :
MSVOA_Y
ClientSampled :

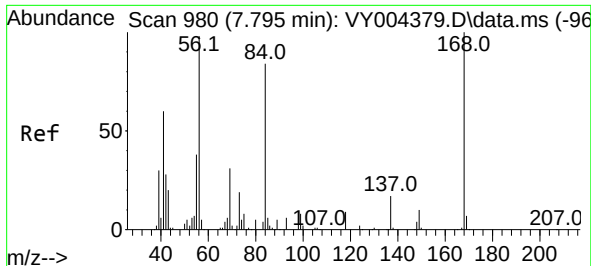
Tgt Ion: 43 Resp: 1412
Ion Ratio Lower Upper
43 100
58 28.3 24.6 37.0



#20
Methylene Chloride
Concen: 6.79 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

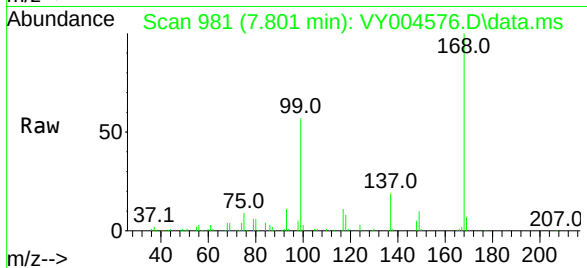
Tgt Ion: 84 Resp: 9271
Ion Ratio Lower Upper
84 100
49 127.7 111.2 166.8
51 38.2 33.4 50.2
86 56.1 52.7 79.1



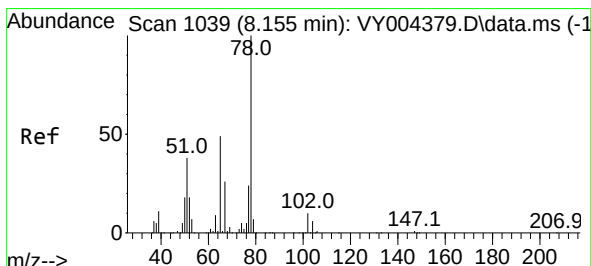
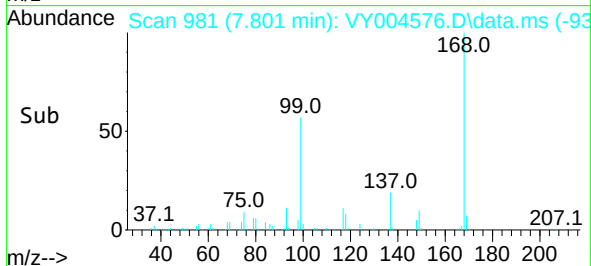
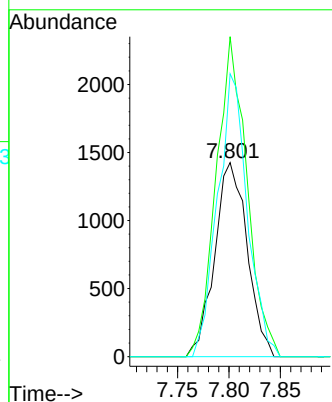


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

Instrument :
MSVOA_Y
ClientSampleId :

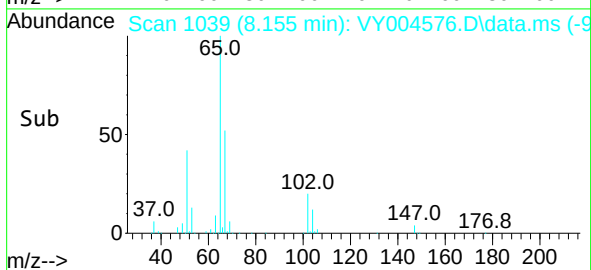
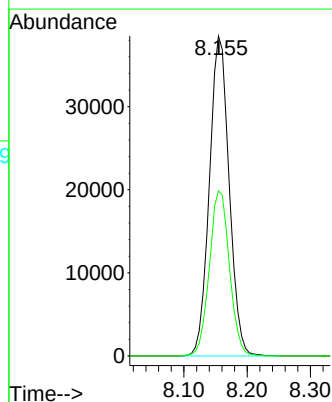
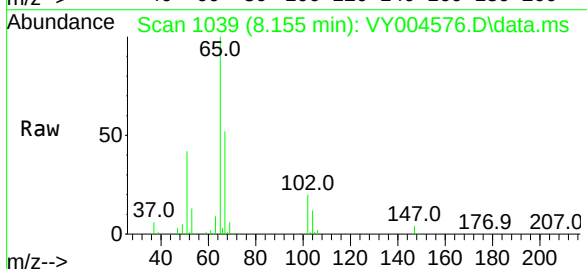


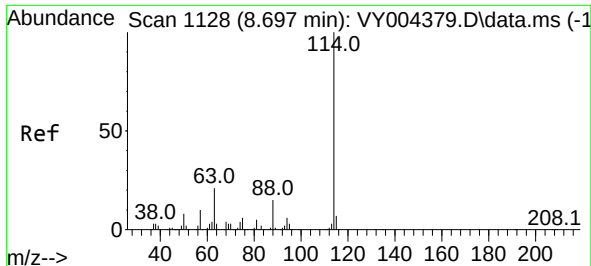
Tgt Ion: 56 Resp: 3132
Ion Ratio Lower Upper
56 100
69 164.9 25.8 38.6#
84 145.7 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 59.00 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

Tgt Ion: 65 Resp: 83405
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4

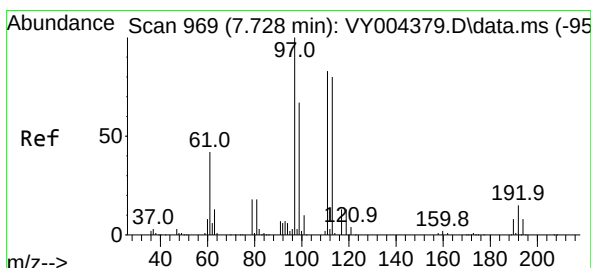
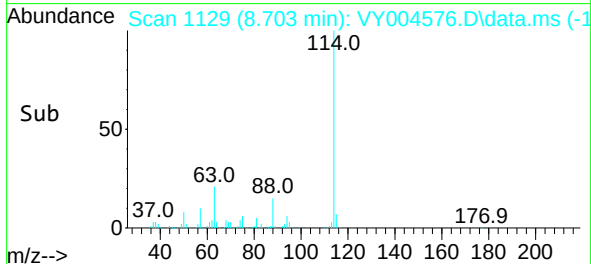
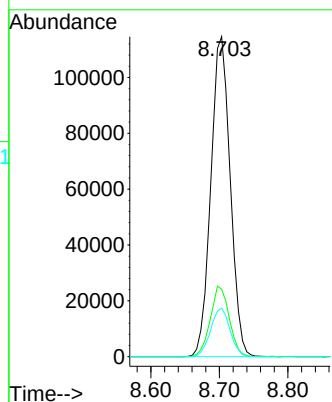
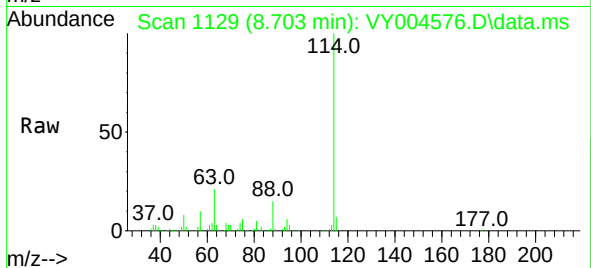




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

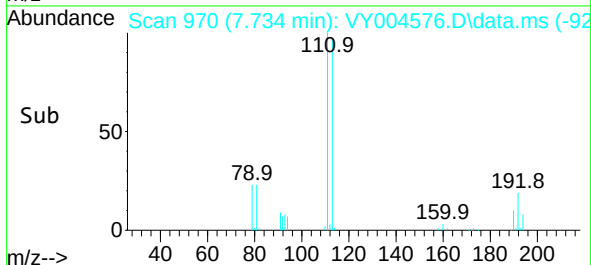
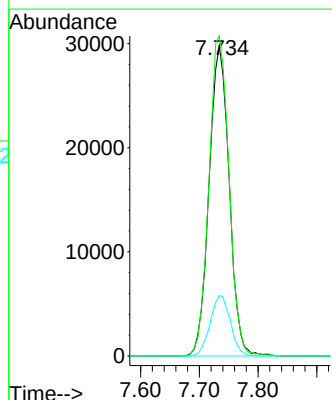
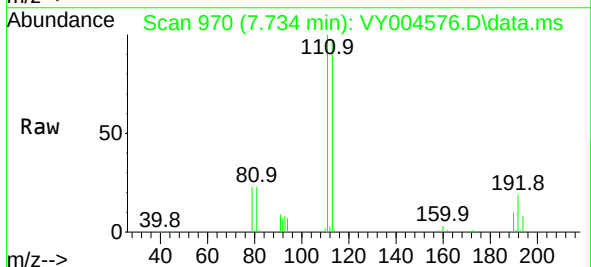
Instrument :
MSVOA_Y
ClientSampled :

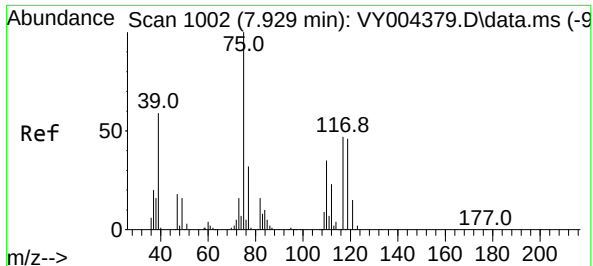
Tgt Ion:114 Resp: 225048
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 56.68 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

Tgt Ion:113 Resp: 70784
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.5 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.91 ug/l

RT: 7.807 min Scan# 982

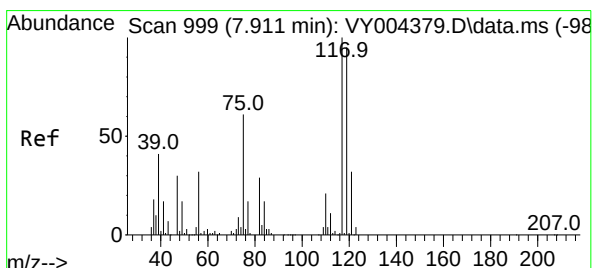
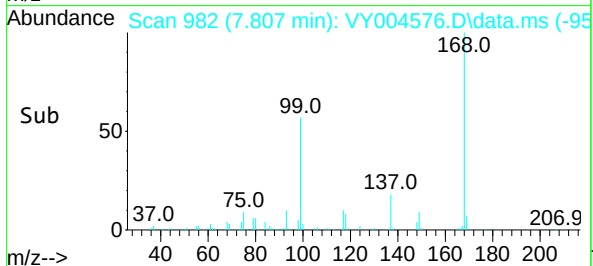
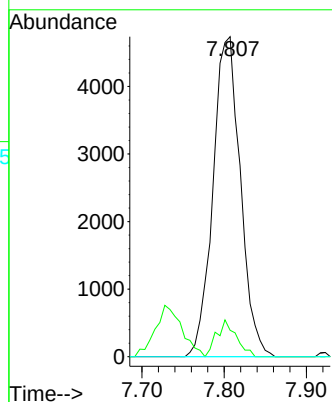
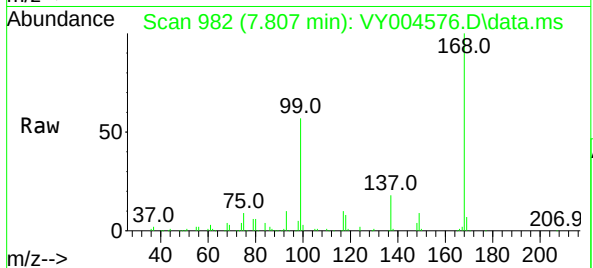
Delta R.T. -0.122 min

Lab File: VY004576.D

Acq: 22 Apr 2021 11:45

Tgt Ion: 75	Resp: 10991
Ion Ratio	Lower Upper
75 100	
110 8.2	17.3 51.7#
77 0.0	24.3 36.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.67 ug/l

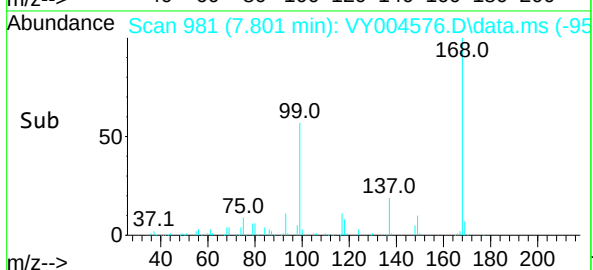
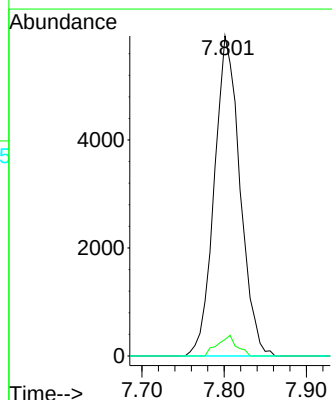
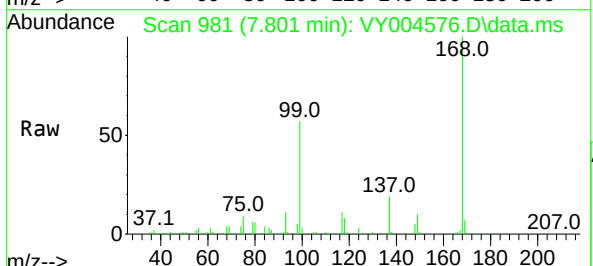
RT: 7.801 min Scan# 981

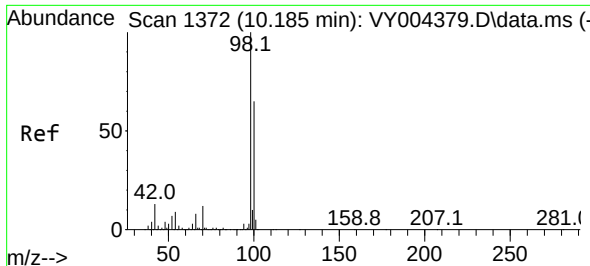
Delta R.T. -0.110 min

Lab File: VY004576.D

Acq: 22 Apr 2021 11:45

Tgt Ion: 117	Resp: 12902
Ion Ratio	Lower Upper
117 100	
119 5.1	75.8 113.8#
121 0.0	25.3 37.9#

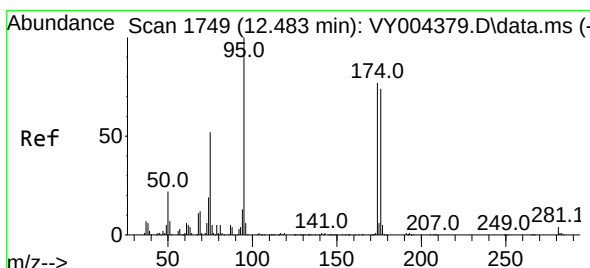
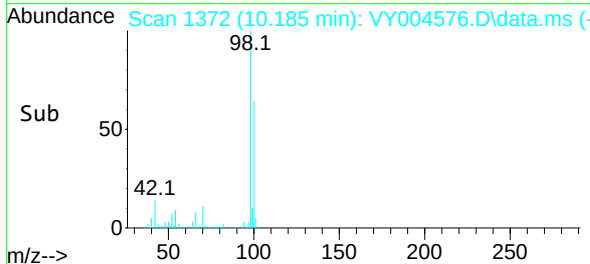
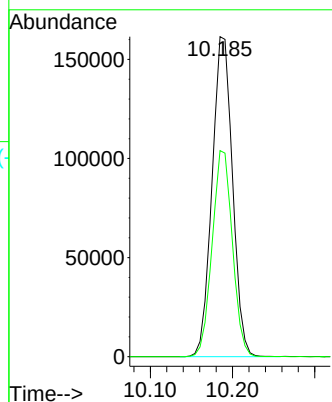
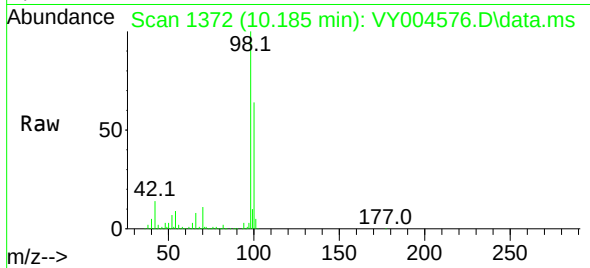




#50
Toluene-d8
Concen: 52.52 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

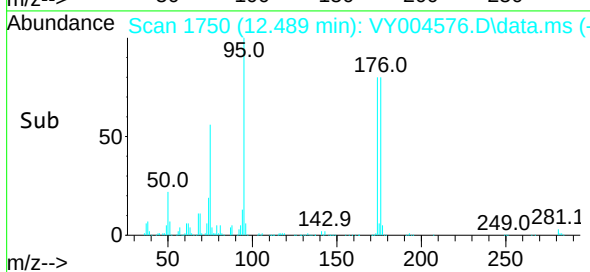
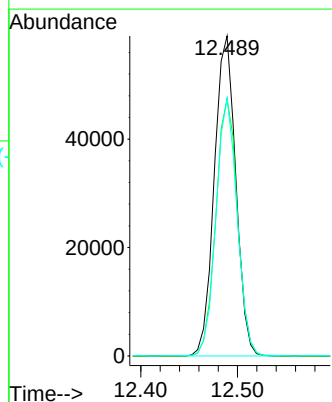
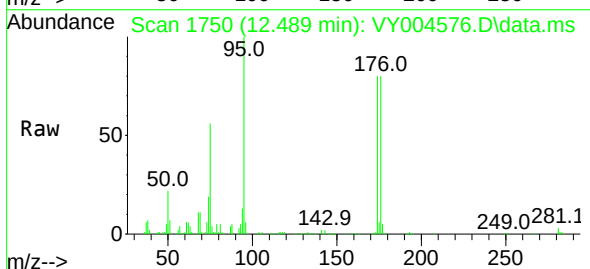
Instrument :
MSVOA_Y
ClientSampled :

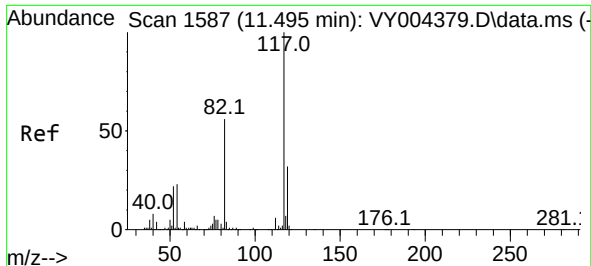
Tgt Ion: 98 Resp: 279023
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.41 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

Tgt Ion: 95 Resp: 90879
Ion Ratio Lower Upper
95 100
174 80.7 0.0 162.4
176 79.1 0.0 156.0

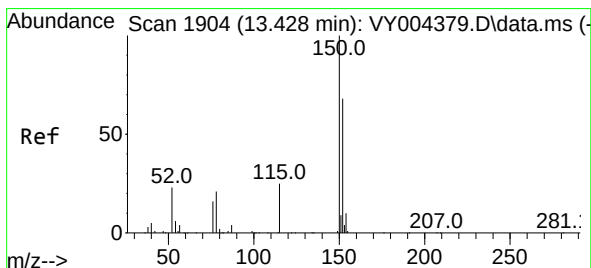
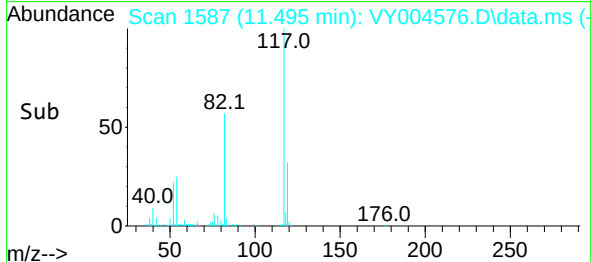
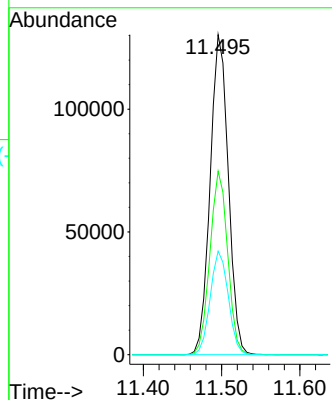
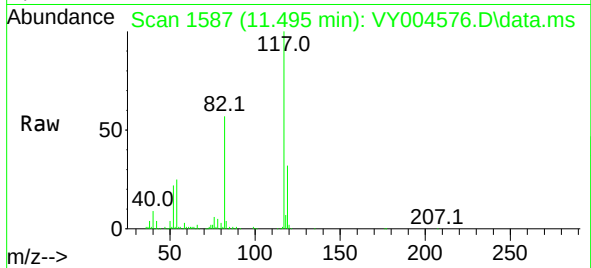




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

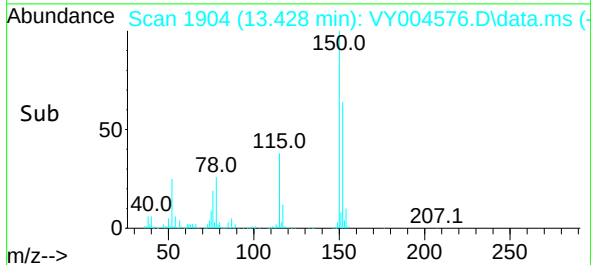
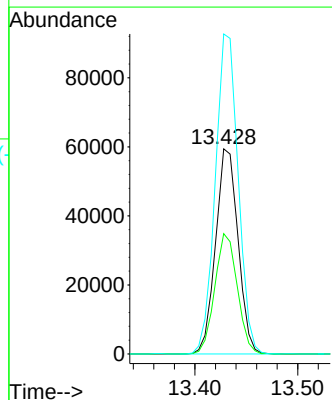
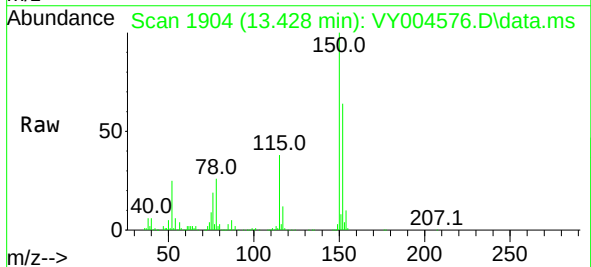
Instrument :
MSVOA_Y
ClientSampled :

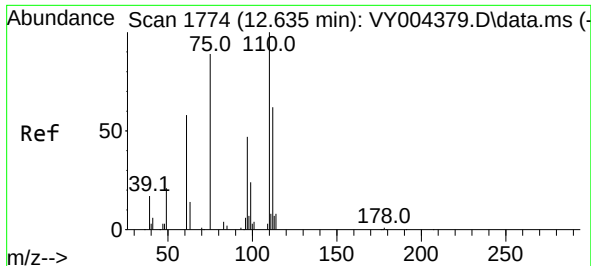
Tgt Ion:117 Resp: 209784
Ion Ratio Lower Upper
117 100
82 57.4 44.9 67.3
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

Tgt Ion:152 Resp: 90025
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.8
150 159.0 0.0 348.4

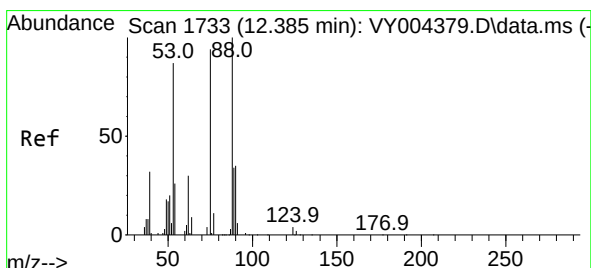
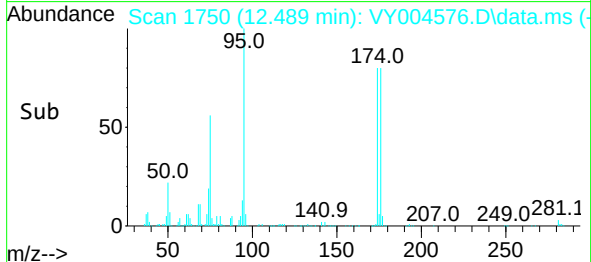
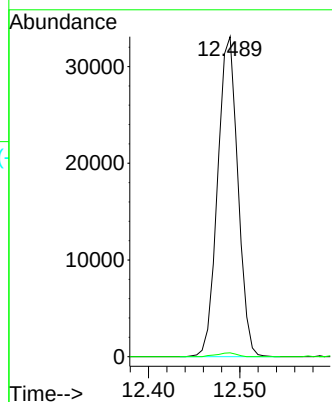
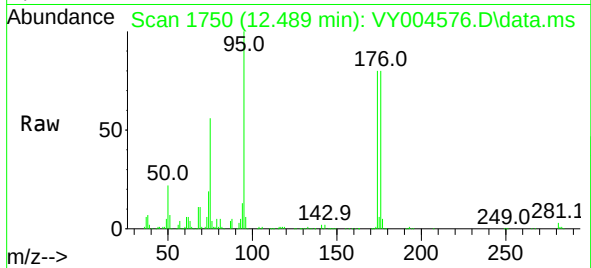




#76
1,2,3-Trichloropropane
Concen: 52.76 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 50979
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.38 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY004576.D
Acq: 22 Apr 2021 11:45

Tgt Ion: 75 Resp: 50979
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.1 36.1 54.1#

