

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121620\
 Data File : VY003807.D
 Acq On : 16 Dec 2020 16:11
 Operator : SY/MD
 Sample : L5036-05
 Misc : 4.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 17 02:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y121520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 16 05:00:50 2020
 Response via : Initial Calibration

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

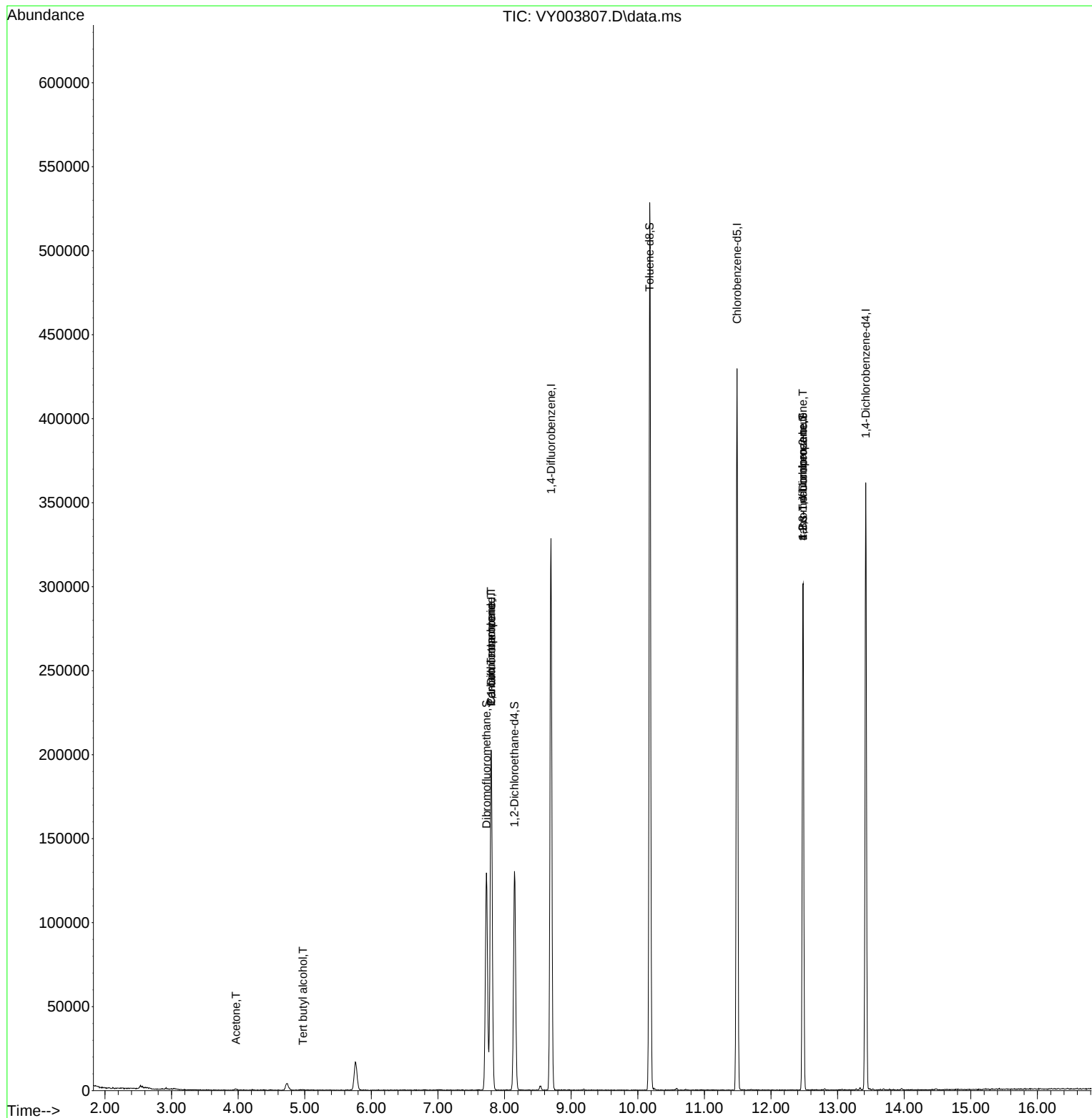
Internal Standards						
1) Pentafluorobenzene	7.801	168	167386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	288398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	238778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98408	47.41	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.82%		
35) Dibromofluoromethane	7.728	113	89256	42.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.56%		
50) Toluene-d8	10.179	98	337952	40.92	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.84%		
62) 4-Bromofluorobenzene	12.477	95	90302	31.82	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	63.64%		
Target Compounds						
5) Bromomethane	2.668	94	107	Below Cal		86
11) Tert butyl alcohol	4.972	59	427	2.05 ug/l #		73
16) Acetone	3.967	43	1122	2.35 ug/l #		46
20) Methylene Chloride	4.723	84	3218	Below Cal #		91
36) 1,1-Dichloropropene	7.795	75	11552	3.56 ug/l #		51
38) Carbon Tetrachloride	7.795	117	15622	4.82 ug/l #		16
76) 1,2,3-Trichloropropane	12.477	75	45823	40.64 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.477	75	45823	76.96 ug/l #		6

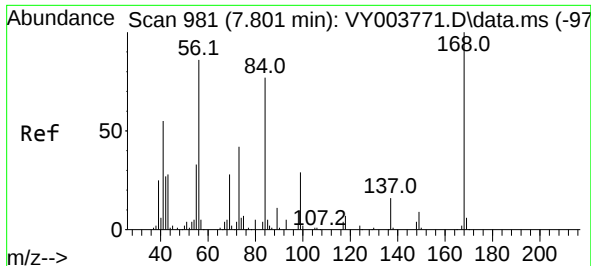
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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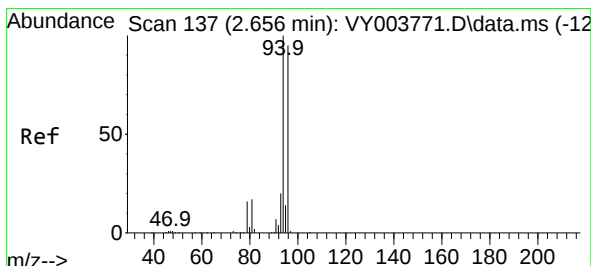
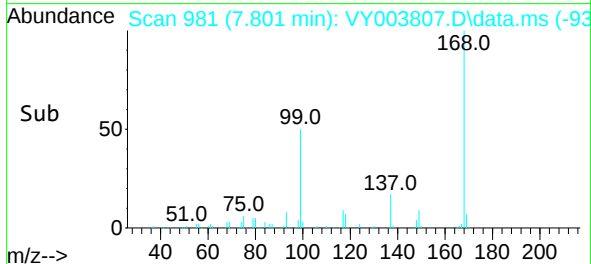
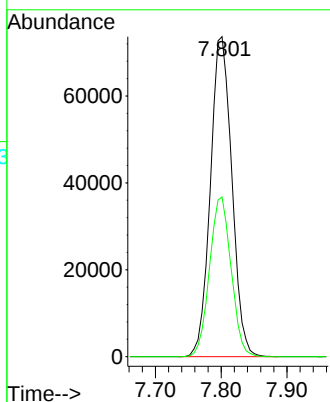
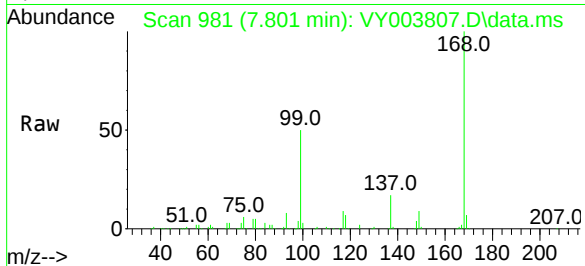




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

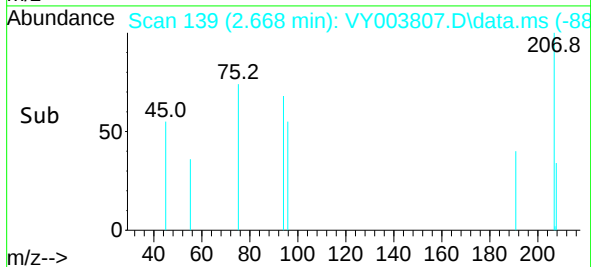
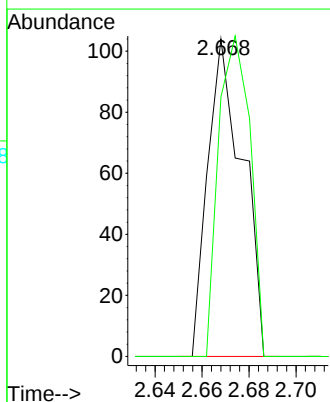
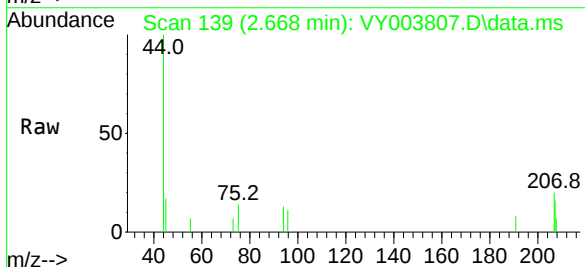
Instrument :
MSVOA_Y
ClientSampled :

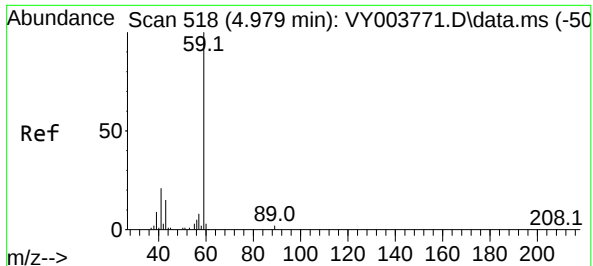
Tgt Ion:168 Resp: 167386
Ion Ratio Lower Upper
168 100
99 49.9 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Tgt Ion: 94 Resp: 107
Ion Ratio Lower Upper
94 100
96 81.7 75.9 113.9

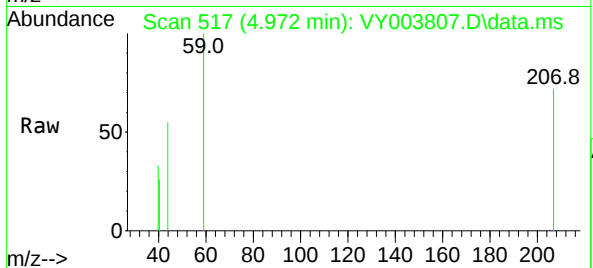




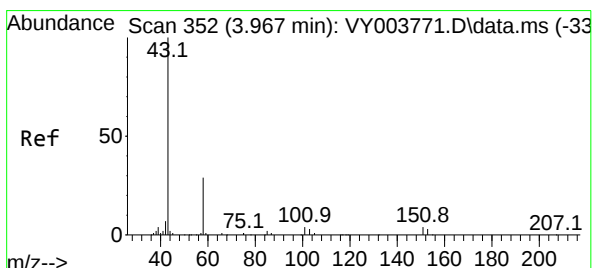
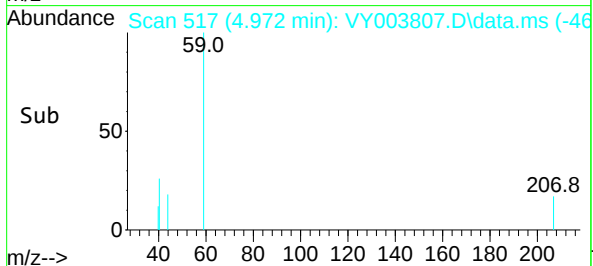
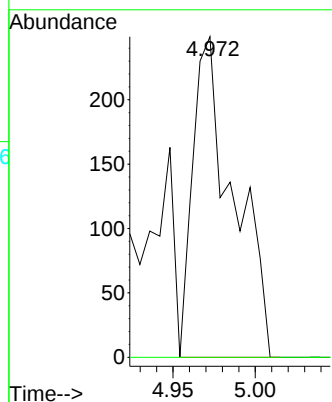
#11

Tert butyl alcohol
Concen: 2.05 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Instrument :
MSVOA_Y
ClientSampled :



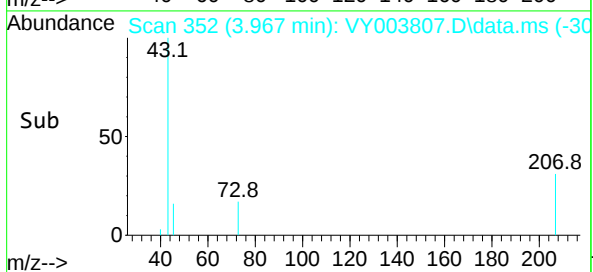
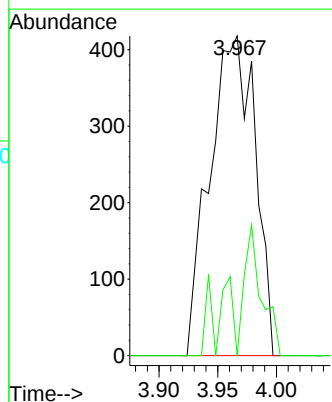
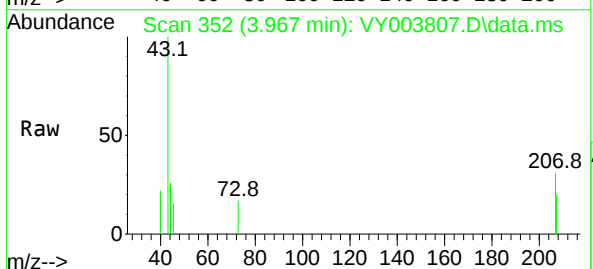
Tgt Ion: 59 Resp: 427
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

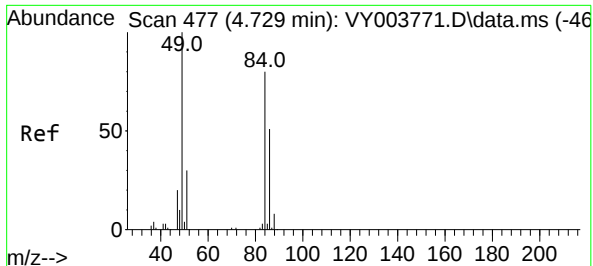


#16

Acetone
Concen: 2.35 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

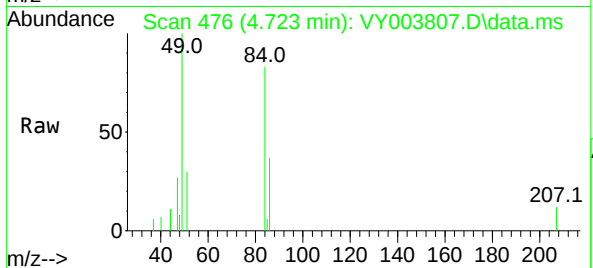
Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#





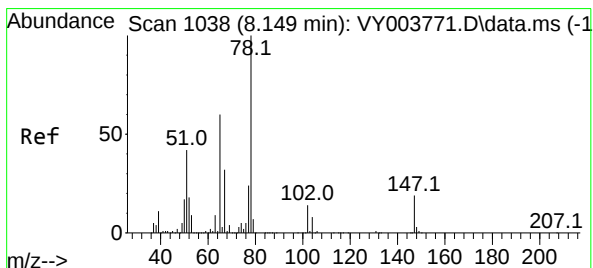
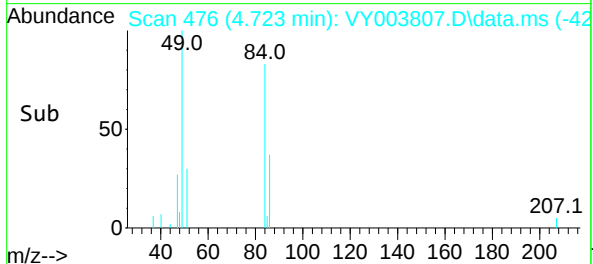
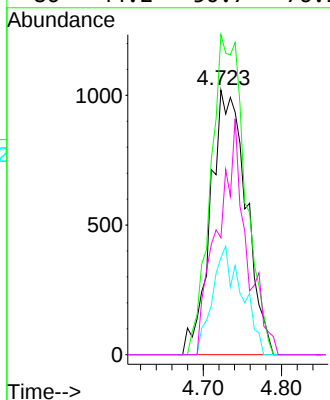
#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3218

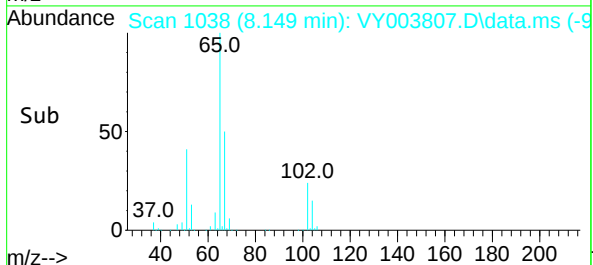
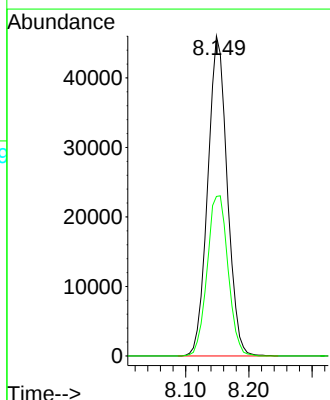
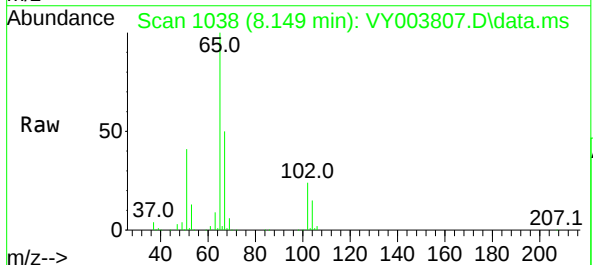
Ion	Ratio	Lower	Upper
84	100		
49	121.0	100.4	150.6
51	36.7	30.3	45.5
86	44.2	50.7	76.1#

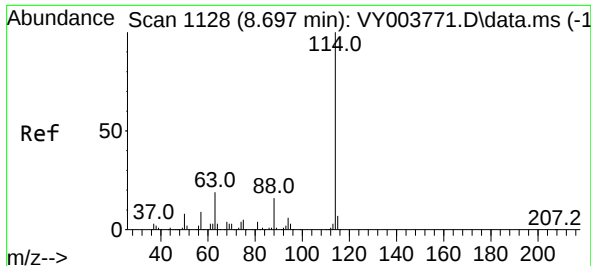


#33
1,2-Dichloroethane-d4
Concen: 47.41 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Tgt Ion: 65 Resp: 98408

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.6

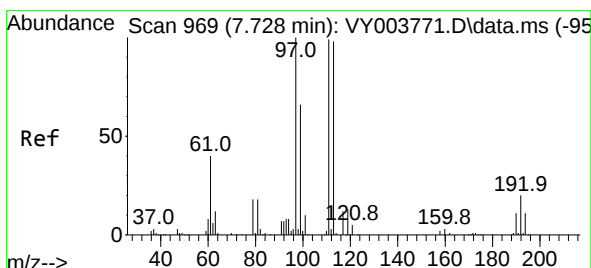
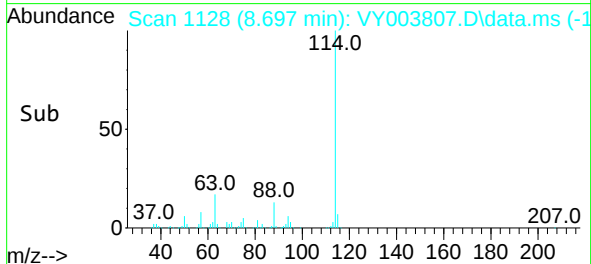
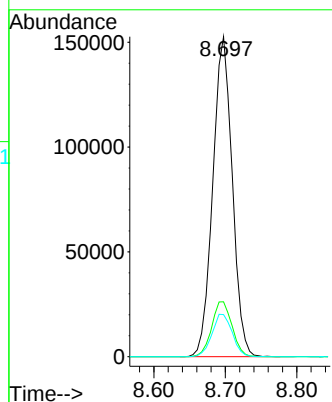
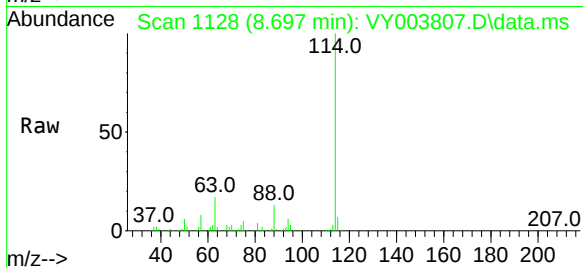




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

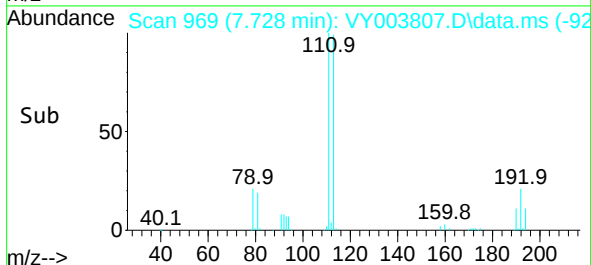
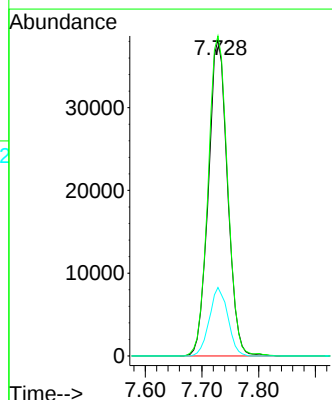
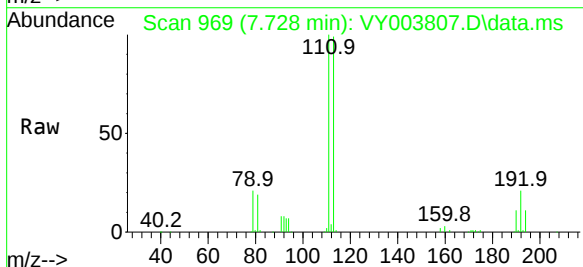
Instrument :
MSVOA_Y
ClientSampleId :

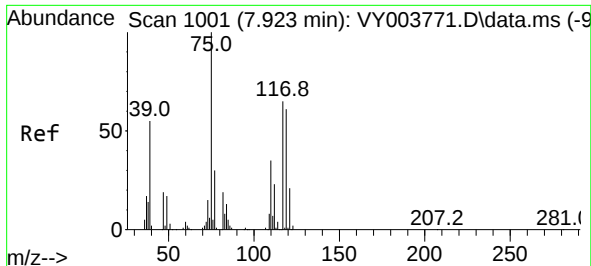
Tgt Ion:114 Resp: 288398
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.4
88 13.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.78 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Tgt Ion:113 Resp: 89256
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 21.0 16.7 25.1

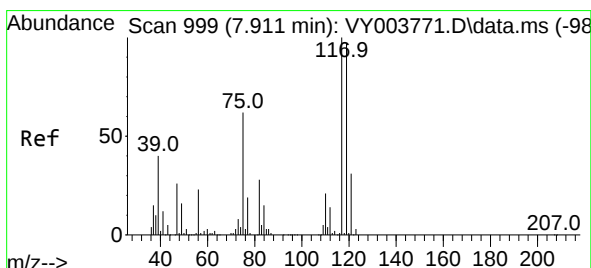
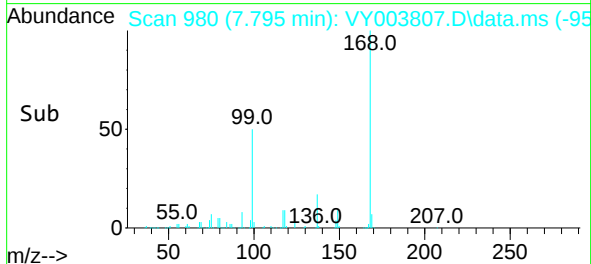
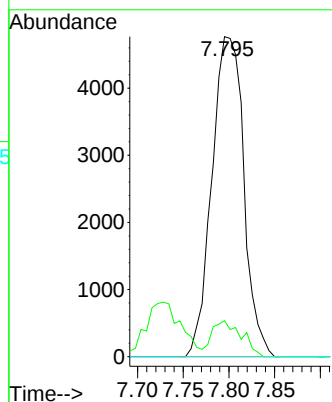
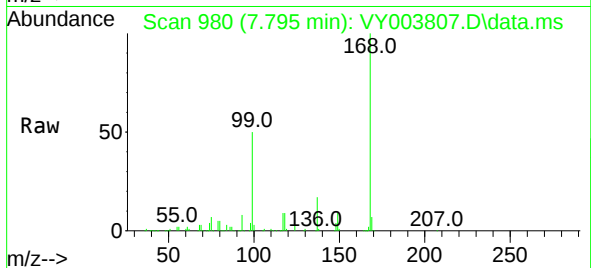




#36
1,1-Dichloropropene
Concen: 3.56 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

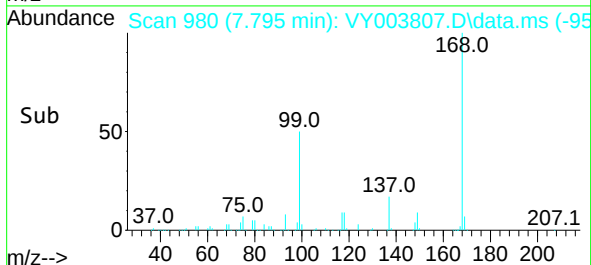
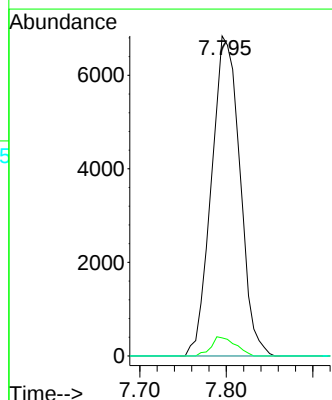
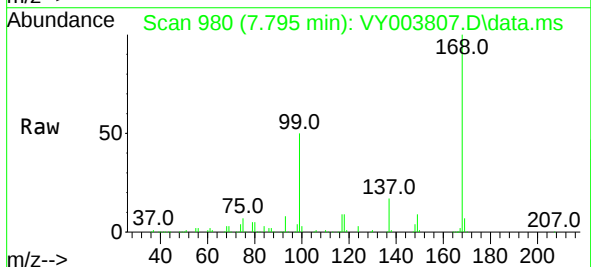
Instrument :
MSVOA_Y
ClientSampleId :

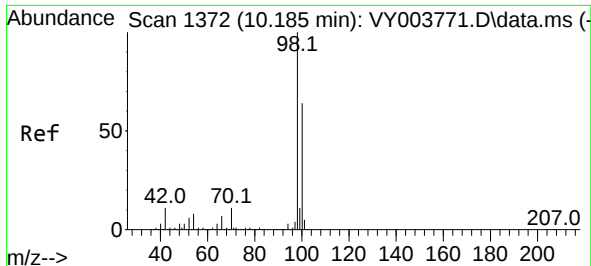
Tgt Ion: 75 Resp: 11552
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.1#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 4.82 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Tgt Ion: 117 Resp: 15622
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 25.0 37.4#

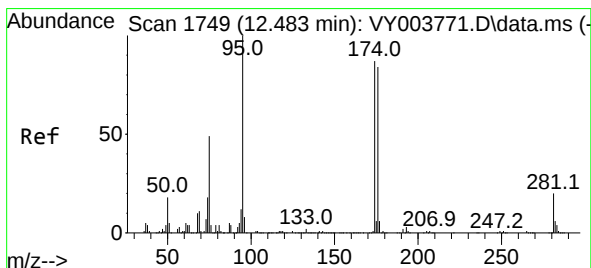
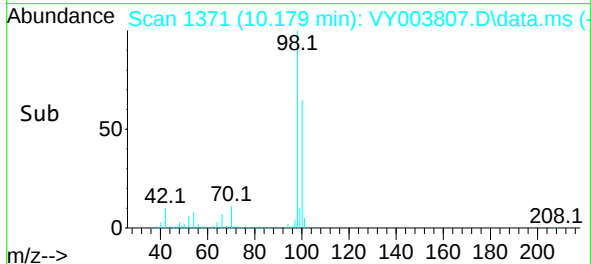
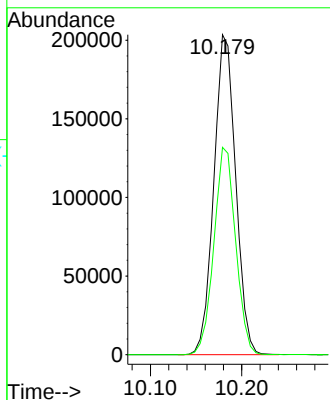
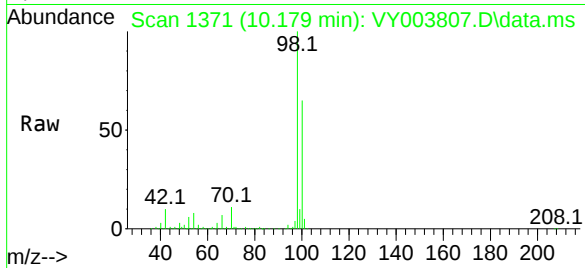




#50
Toluene-d8
Concen: 40.92 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

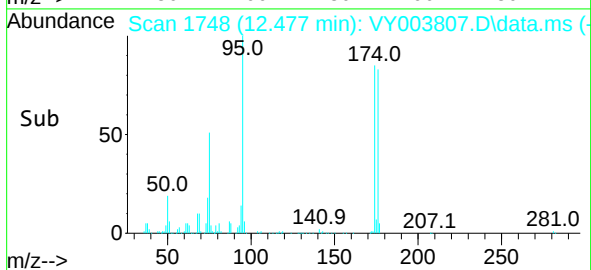
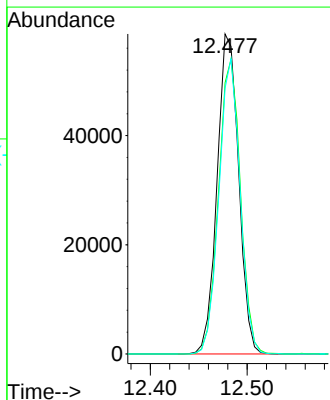
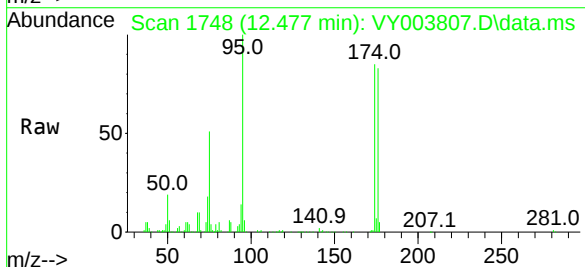
Instrument :
MSVOA_Y
ClientSampled :

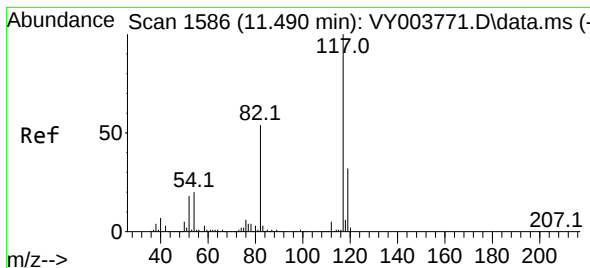
Tgt Ion: 98 Resp: 337952
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 31.82 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Tgt Ion: 95 Resp: 90302
Ion Ratio Lower Upper
95 100
174 93.6 0.0 170.8
176 90.7 0.0 165.0

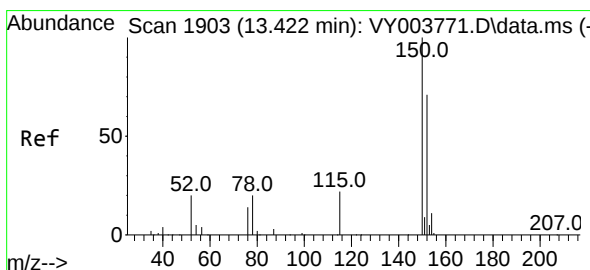
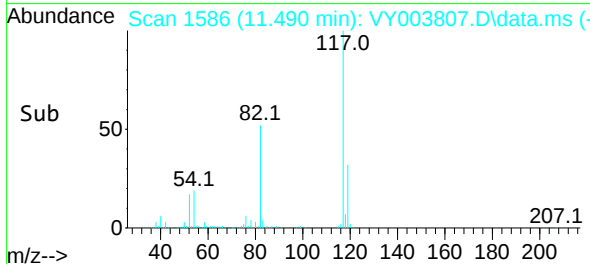
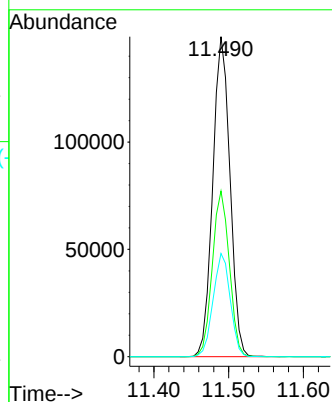
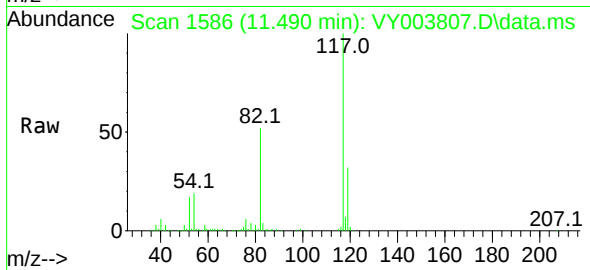




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

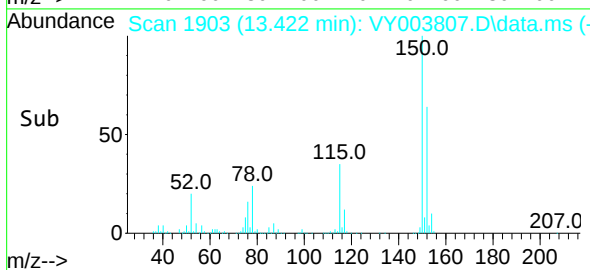
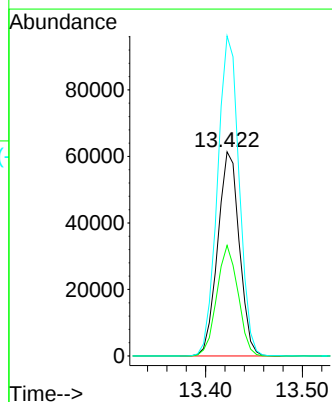
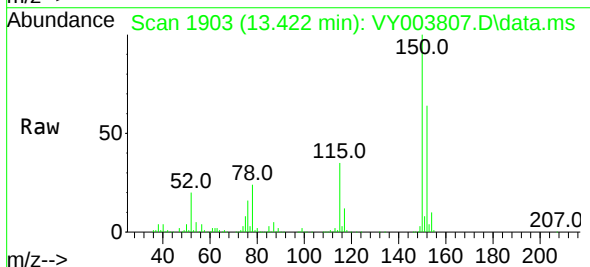
Instrument :
MSVOA_Y
ClientSampleId :

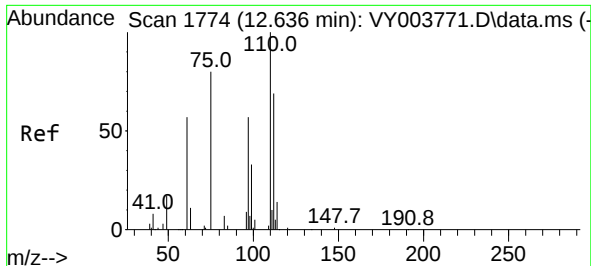
Tgt Ion:117 Resp: 238778
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.6
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Tgt Ion:152 Resp: 95176
Ion Ratio Lower Upper
152 100
115 53.0 28.0 83.9
150 156.7 0.0 347.6

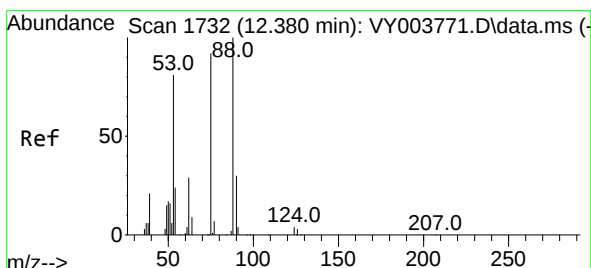
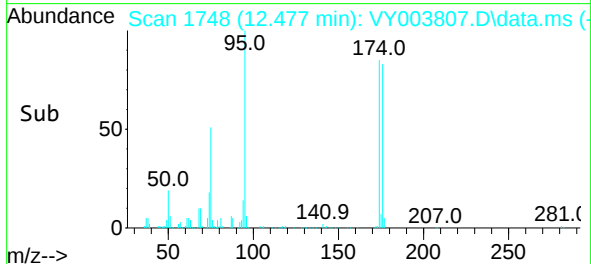
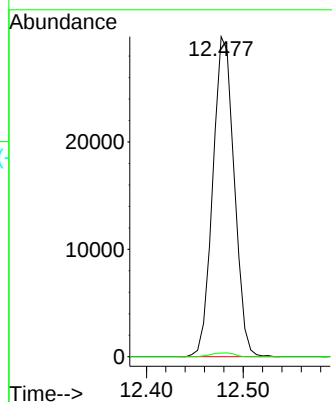
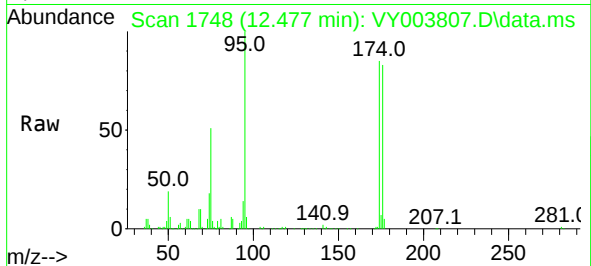




#76
1,2,3-Trichloropropane
Concen: 40.64 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45823
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.96 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Tgt Ion: 75 Resp: 45823
Ion Ratio Lower Upper
75 100
53 0.1 70.4 105.6#
89 0.0 0.0 0.0

