

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007761.D
 Acq On : 07 Mar 2022 16:09
 Operator : SY/MD
 Sample : VY0307SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 08 03:03:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

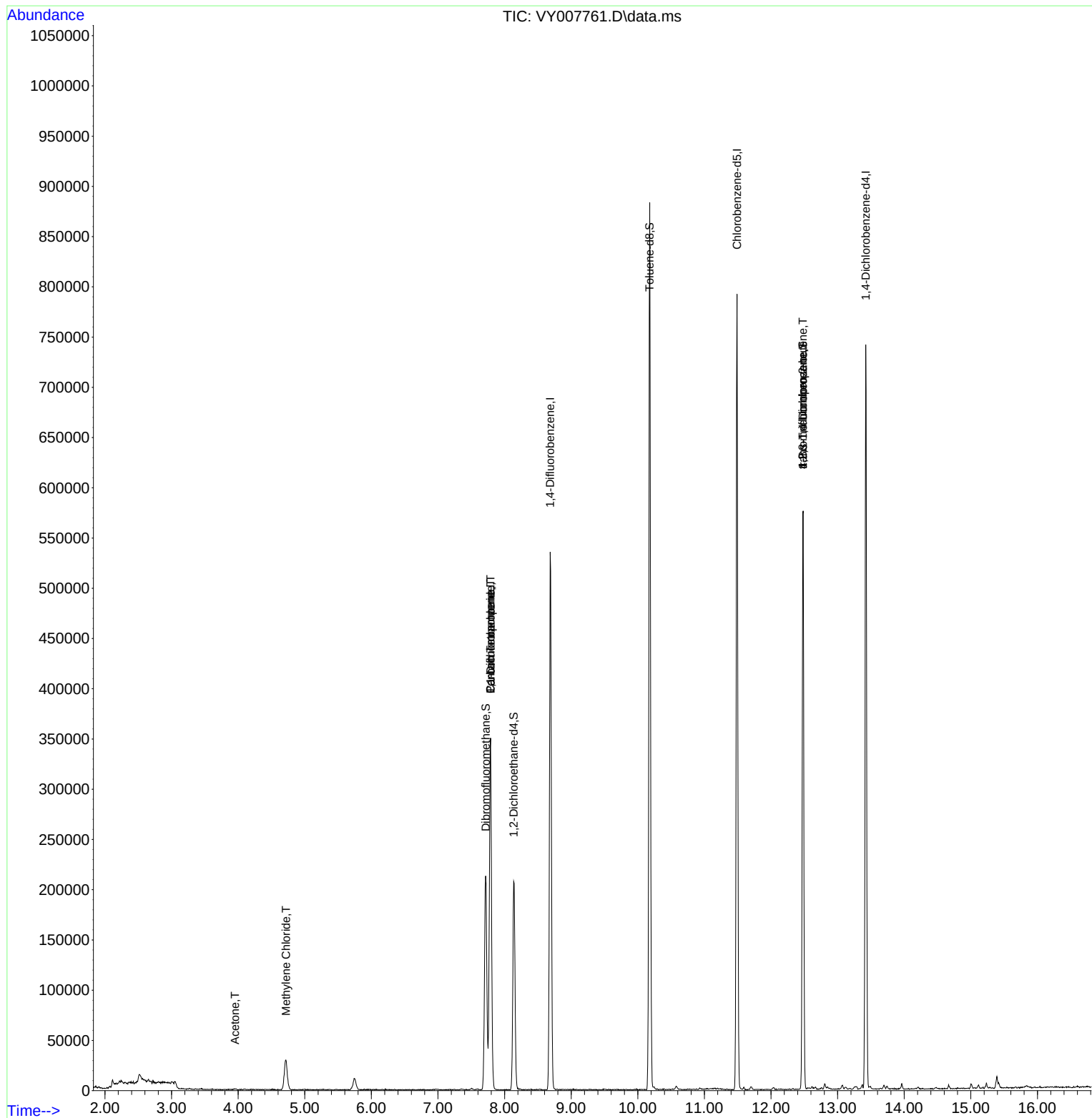
Internal Standards						
1) Pentafluorobenzene	7.789	168	266287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	448803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	400676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	178978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	163649	58.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.400%	
35) Dibromofluoromethane	7.716	113	149496	52.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.200%	
50) Toluene-d8	10.179	98	552123	52.274	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.540%	
62) 4-Bromofluorobenzene	12.477	95	161958	47.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.140%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	176	Below Cal	#	43
3) Chloromethane	2.113	50	4426	Below Cal	#	88
13) Acrolein	3.723	56	25	Below Cal	#	62
16) Acetone	3.954	43	1363	2.403	ug/l	98
17) Carbon Disulfide	4.198	76	89	Below Cal	#	75
18) Methyl Acetate	4.485	43	18	Below Cal	#	56
20) Methylene Chloride	4.716	84	22521	4.299	ug/l	89
31) Cyclohexane	7.795	56	6210	Below Cal	#	38
36) 1,1-Dichloropropene	7.789	75	22160	4.909	ug/l #	51
38) Carbon Tetrachloride	7.789	117	27187	5.646	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	94197	47.128	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	94197	96.347	ug/l #	7

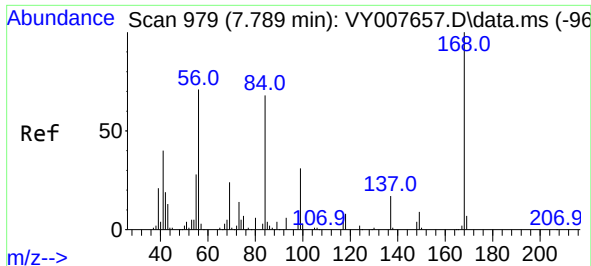
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
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Quant Time: Mar 08 03:03:01 2022
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Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

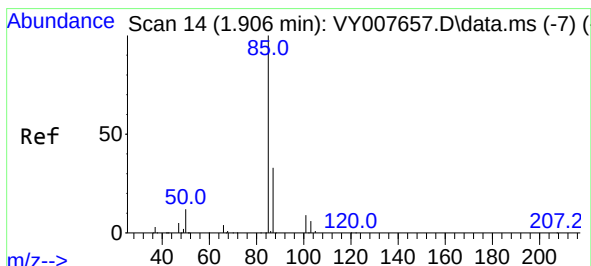
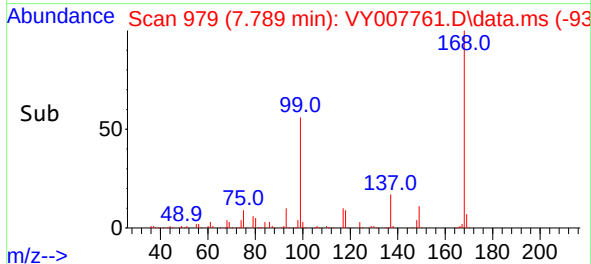
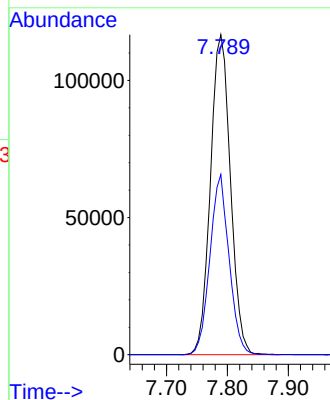
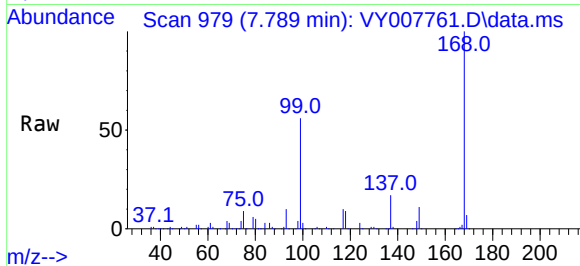




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

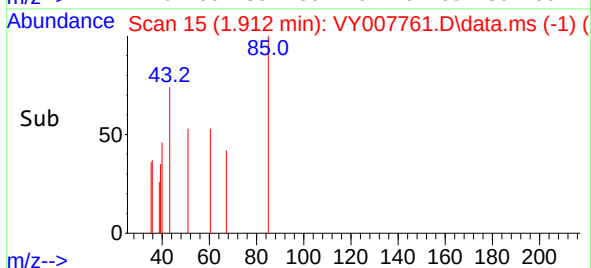
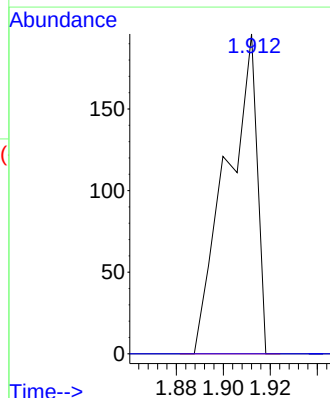
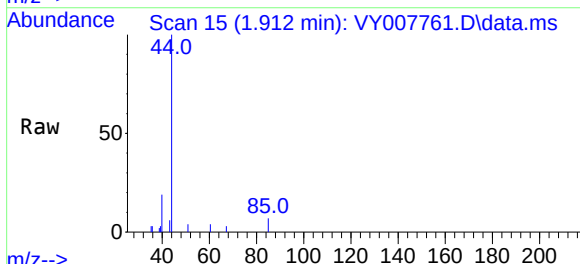
Instrument :
MSVOA_Y
ClientSampleId :

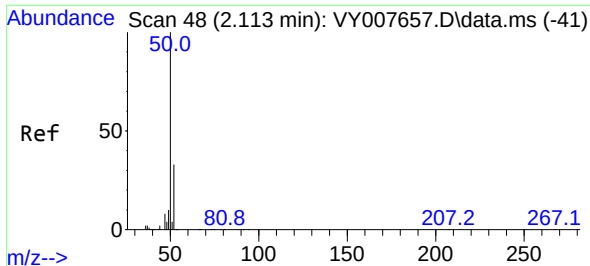
Tgt Ion:168 Resp: 266287
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

Tgt Ion: 85 Resp: 176
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



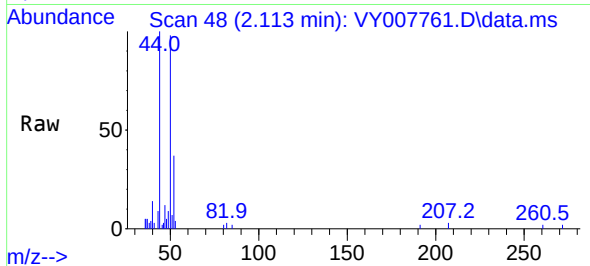


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

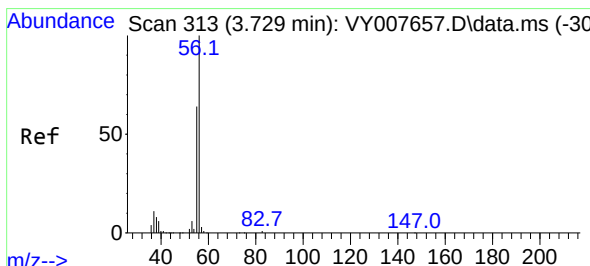
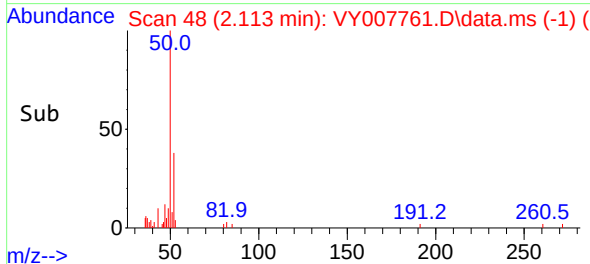
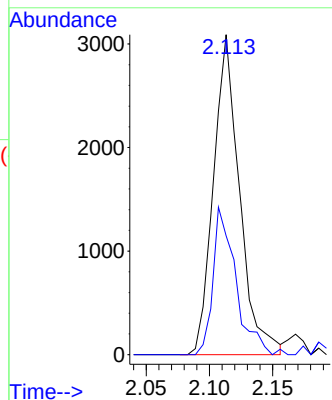
Instrument :

MSVOA_Y

ClientSampleId :

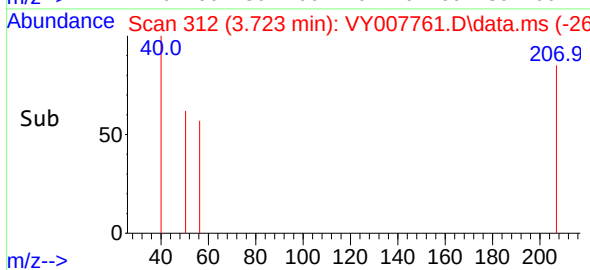
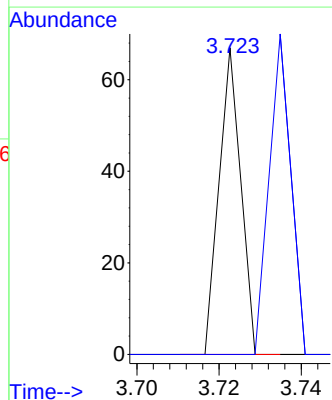
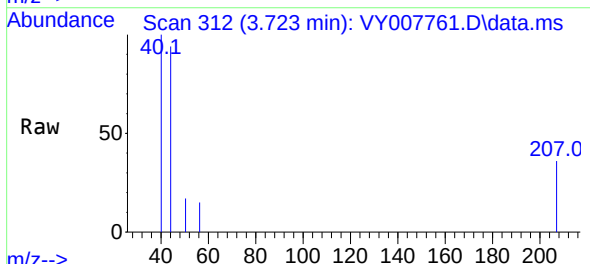


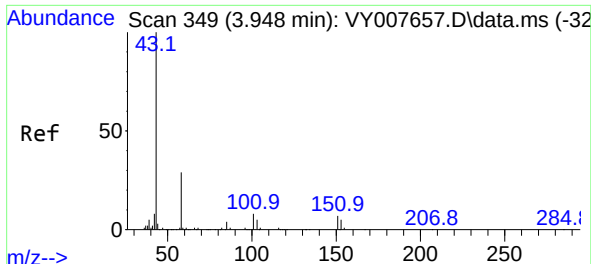
Tgt Ion: 50 Resp: 4426
Ion Ratio Lower Upper
50 100
52 37.2 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 312
Delta R.T. -0.006 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 104.0 57.6 86.4#

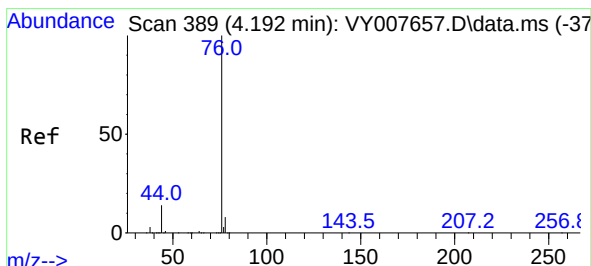
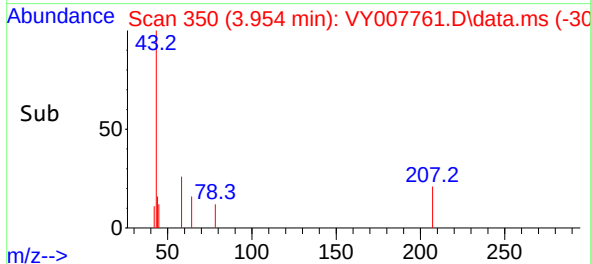
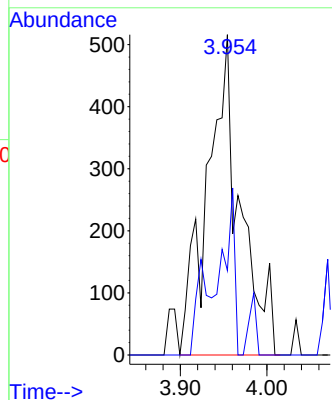
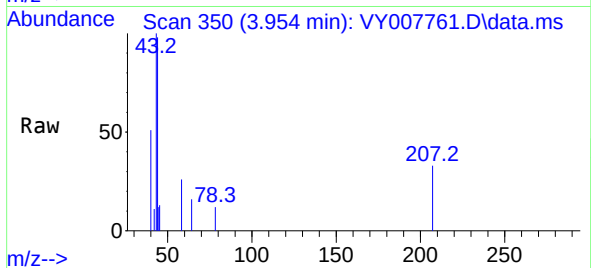




#16
Acetone
Concen: 2.403 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

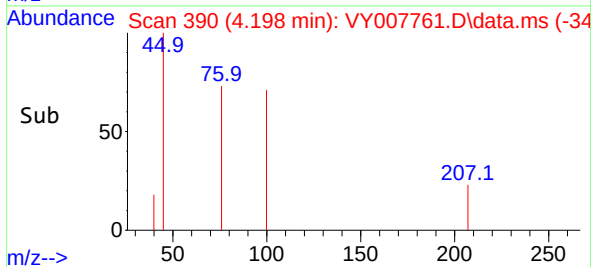
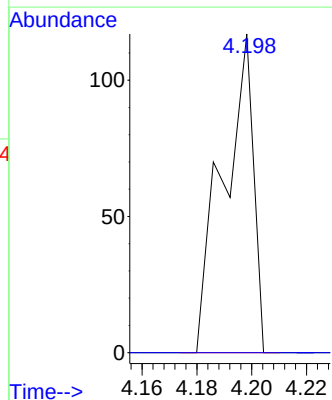
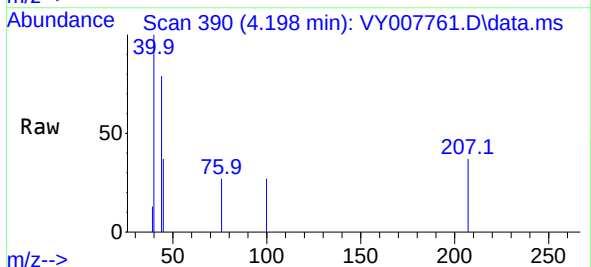
Instrument :
MSVOA_Y
ClientSampleId :

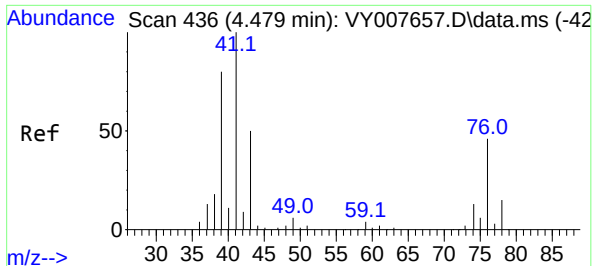
Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
58 26.4 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

Tgt Ion: 76 Resp: 89
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

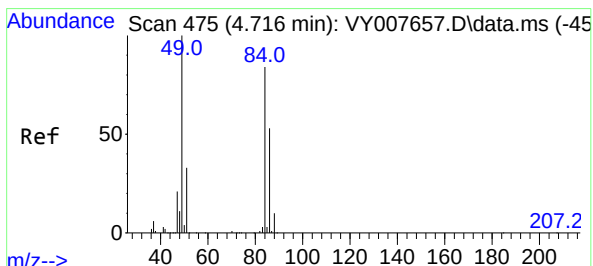
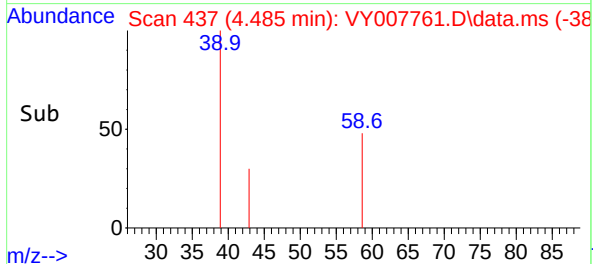
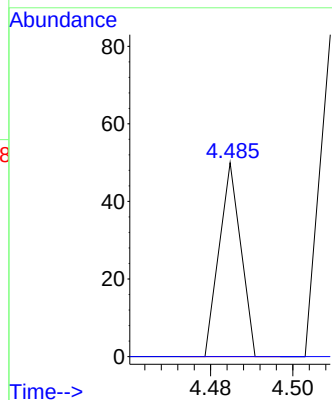
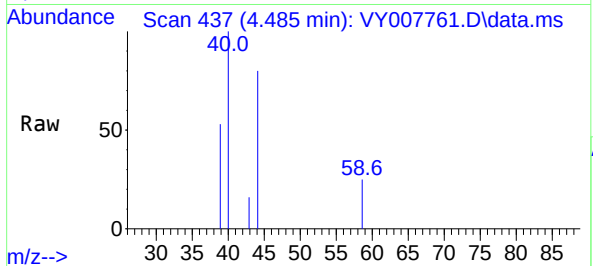




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

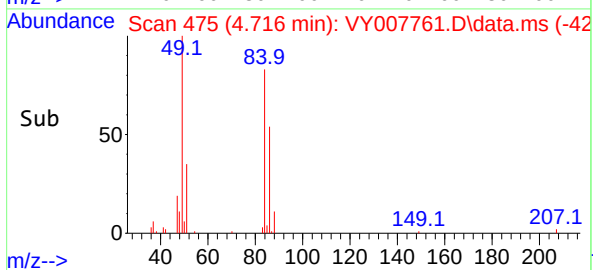
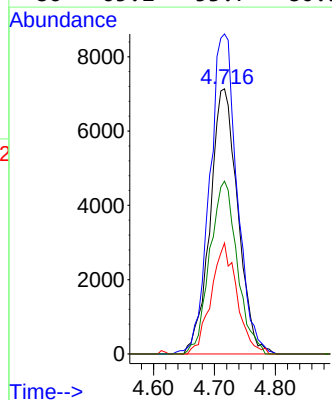
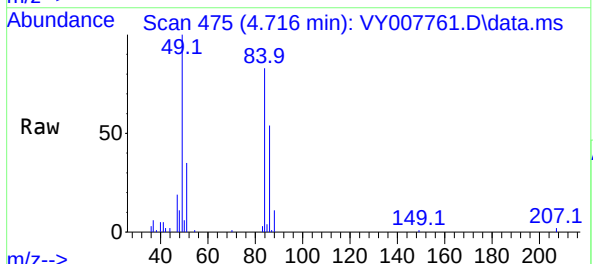
Instrument :
MSVOA_Y
ClientSampleId :

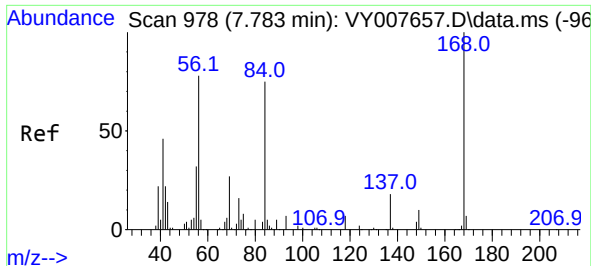
Tgt Ion: 43 Resp: 18
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 4.299 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

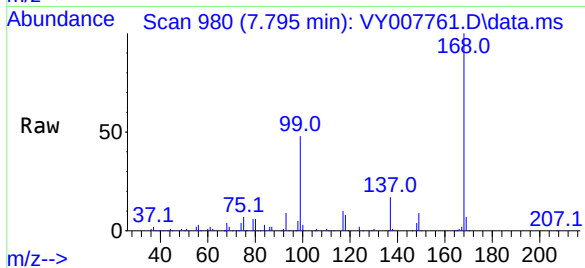
Tgt Ion: 84 Resp: 22521
Ion Ratio Lower Upper
84 100
49 120.7 114.4 171.6
51 41.8 35.3 52.9
86 65.2 53.7 80.5



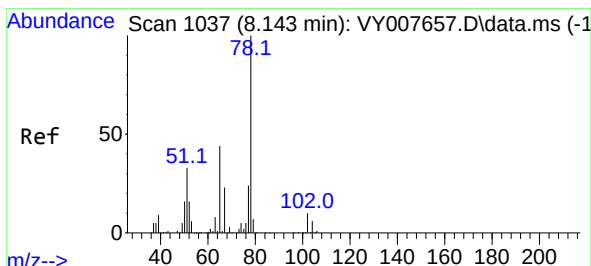
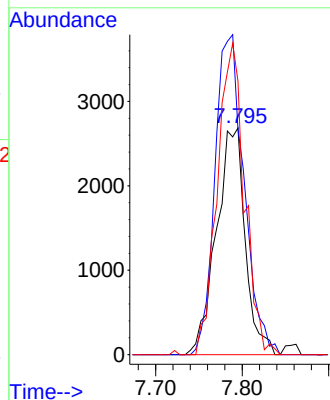
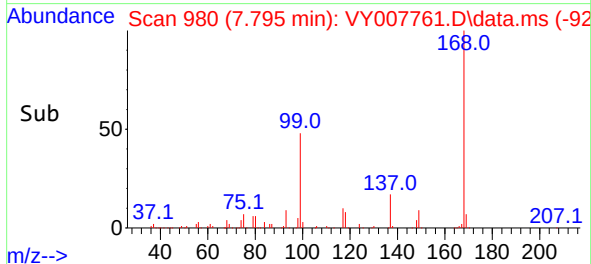


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

Instrument :
MSVOA_Y
ClientSampleId :

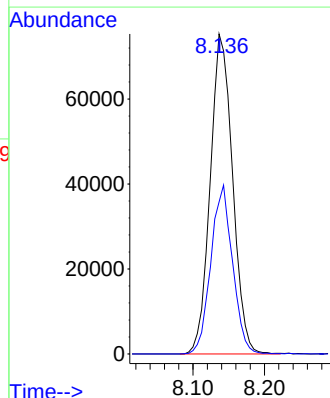
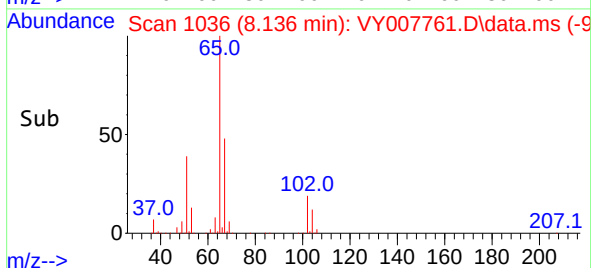
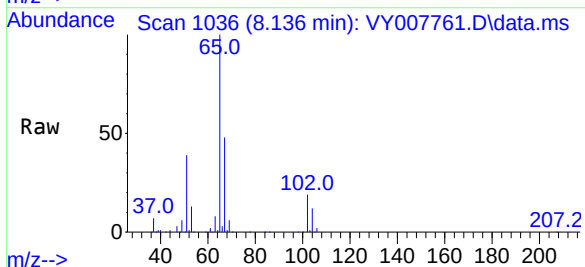


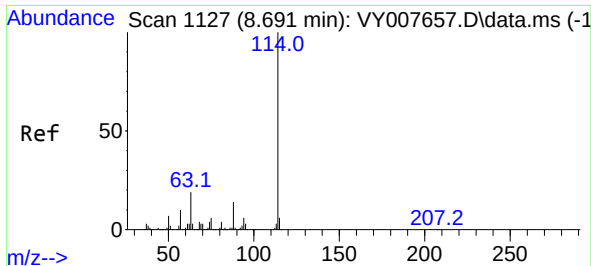
Tgt Ion: 56 Resp: 6210
Ion Ratio Lower Upper
56 100
69 99.6 26.7 40.1#
84 120.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.702 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

Tgt Ion: 65 Resp: 163649
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.4

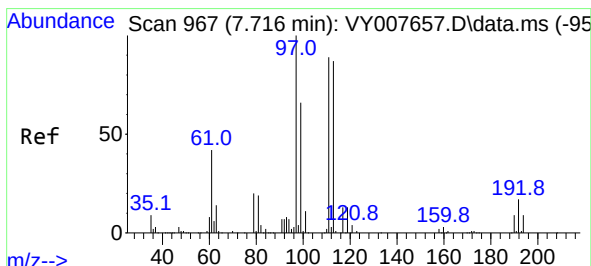
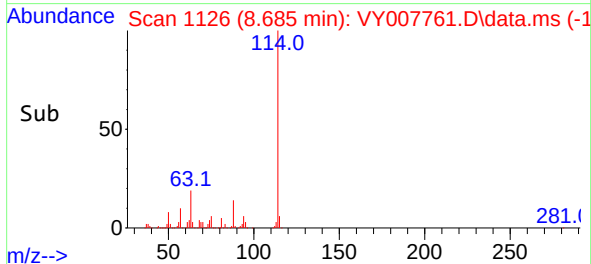
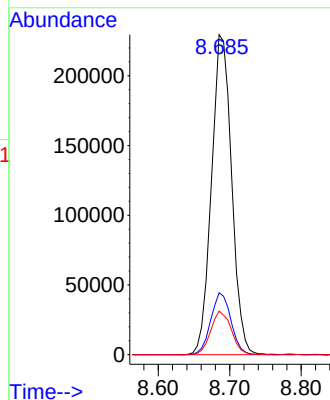
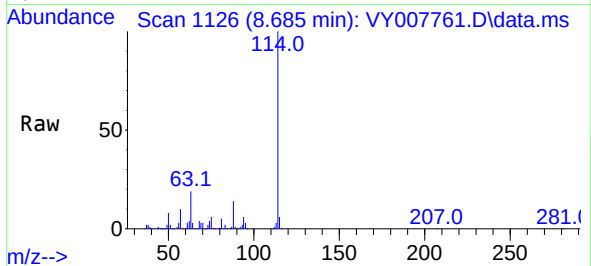




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

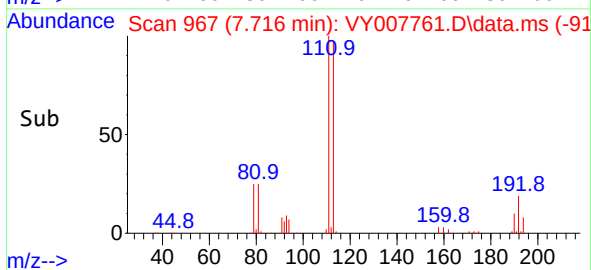
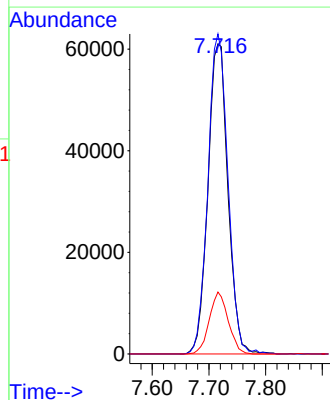
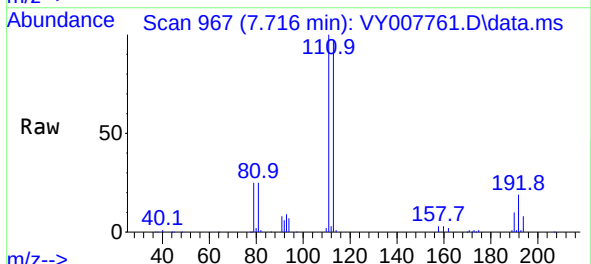
Instrument :
MSVOA_Y
ClientSampleId :

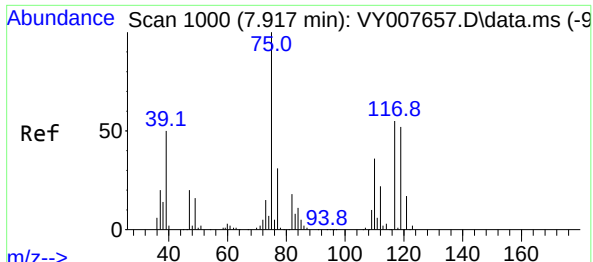
Tgt Ion:114 Resp: 448803
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.2
88 13.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.101 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

Tgt Ion:113 Resp: 149496
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 18.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.909 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

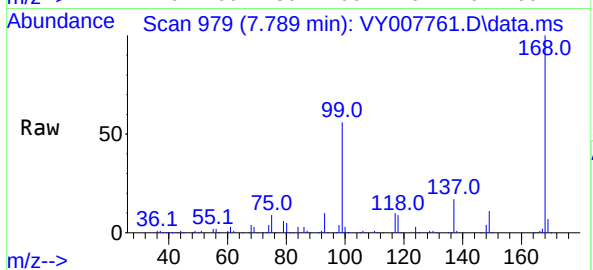
Lab File: VY007761.D

Acq: 07 Mar 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :



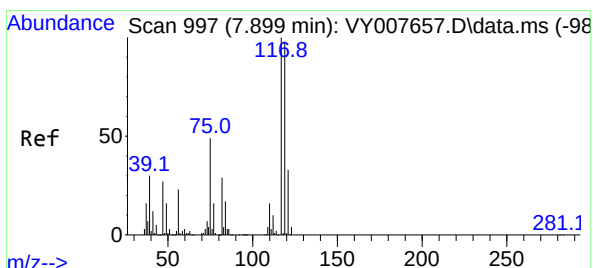
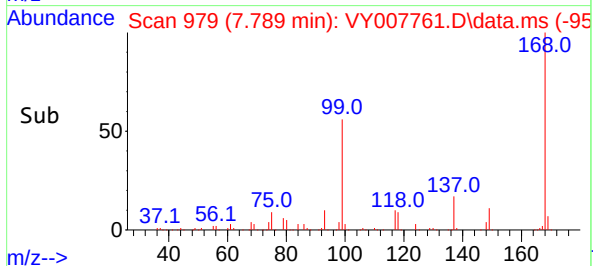
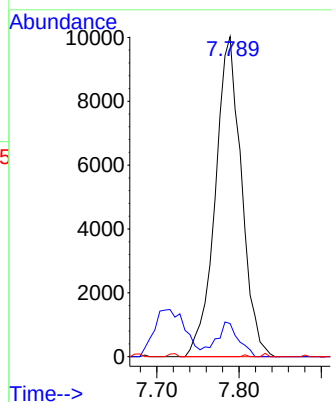
Tgt Ion: 75 Resp: 22160

Ion Ratio Lower Upper

75 100

110 9.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.646 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007761.D

Acq: 07 Mar 2022 16:09

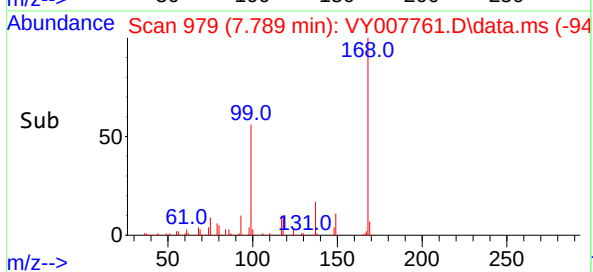
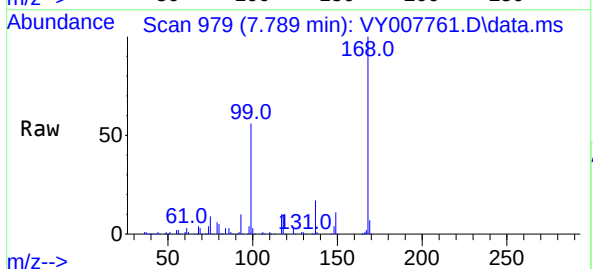
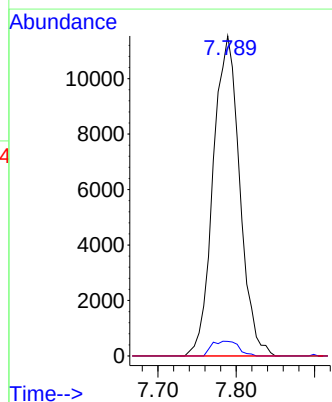
Tgt Ion: 117 Resp: 27187

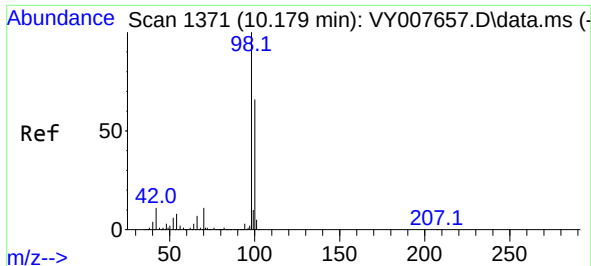
Ion Ratio Lower Upper

117 100

119 4.5 77.9 116.9#

121 0.0 24.8 37.2#

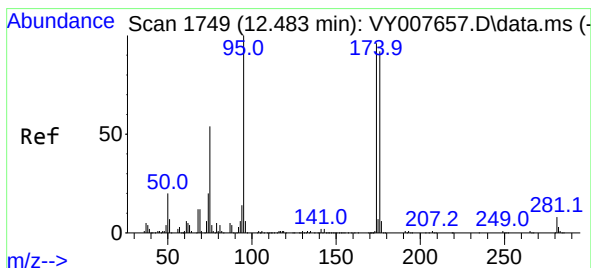
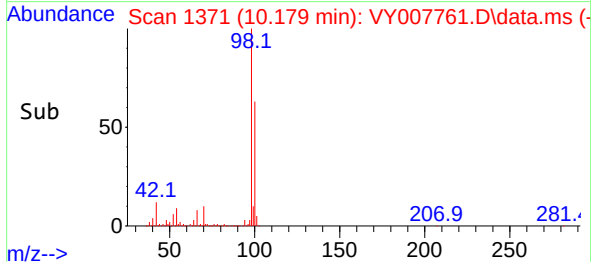
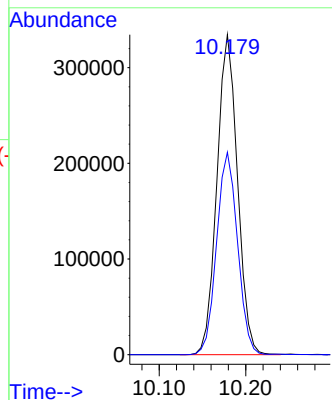
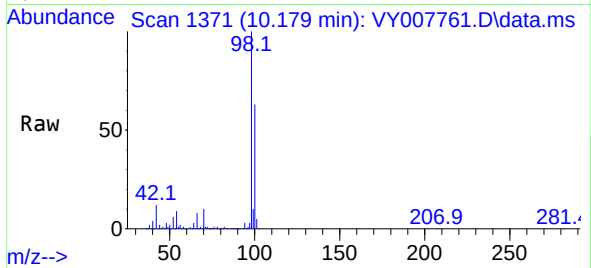




#50
Toluene-d8
Concen: 52.274 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

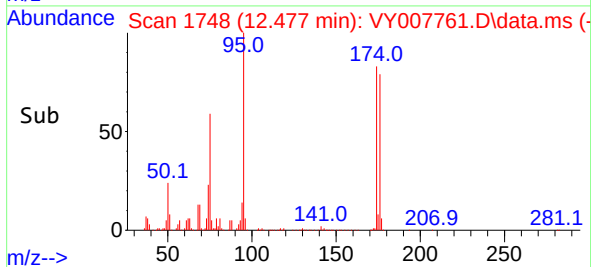
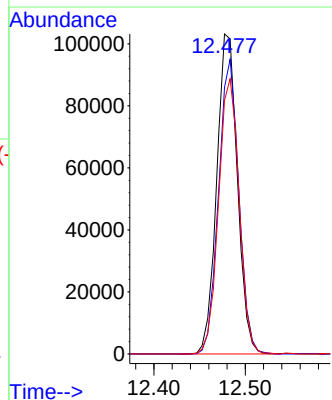
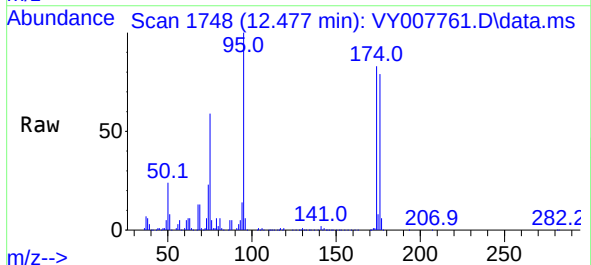
Instrument :
MSVOA_Y
ClientSampleId :

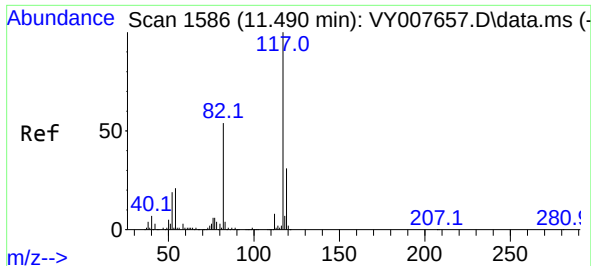
Tgt Ion: 98 Resp: 552123
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.570 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

Tgt Ion: 95 Resp: 161958
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.0
176 86.1 0.0 175.8

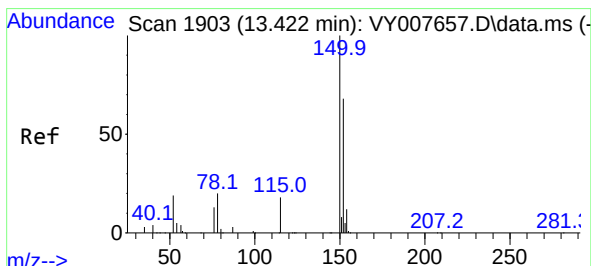
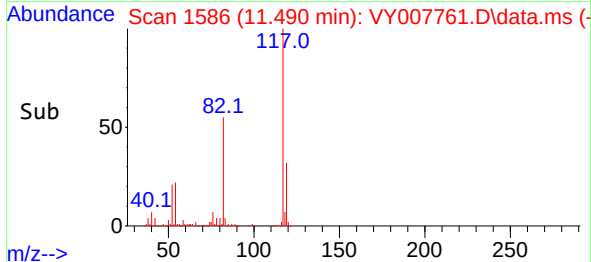
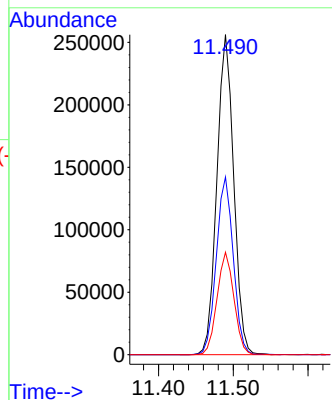
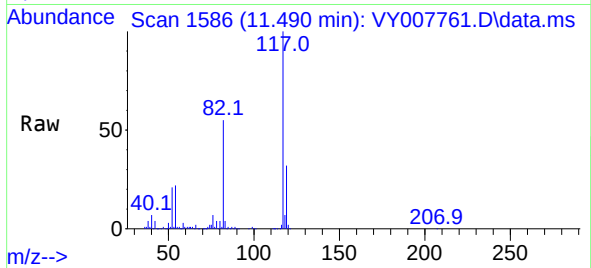




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

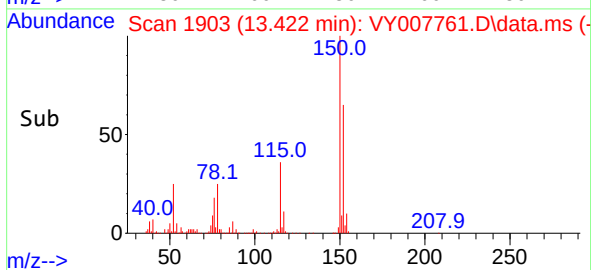
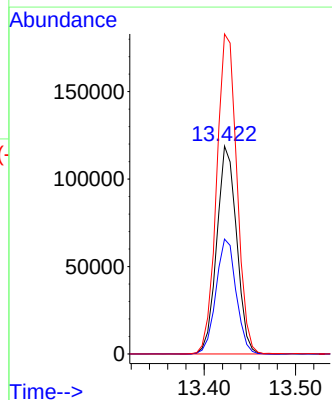
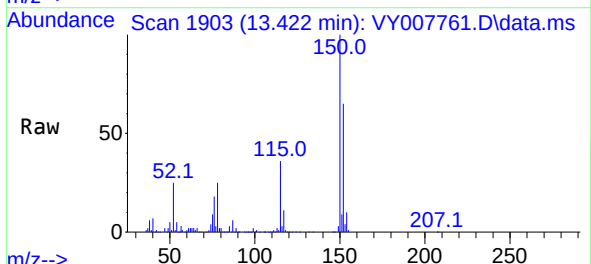
Instrument :
MSVOA_Y
ClientSampleId :

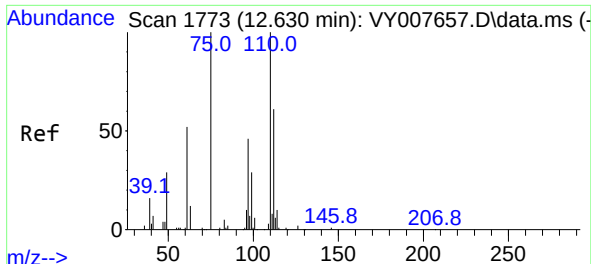
Tgt Ion:117 Resp: 400676
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

Tgt Ion:152 Resp: 178978
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 157.3 0.0 347.6

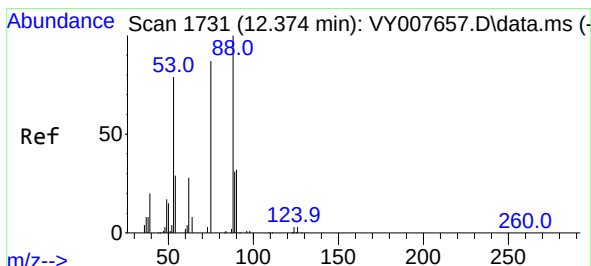
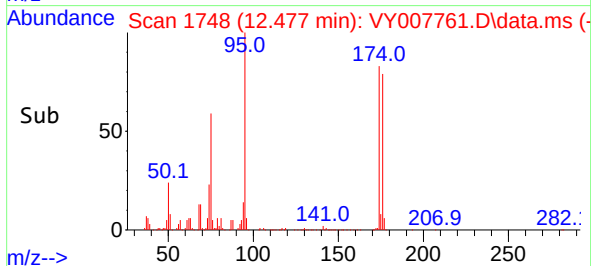
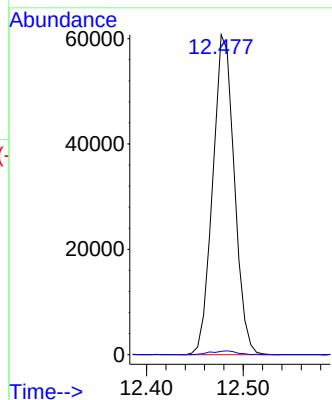
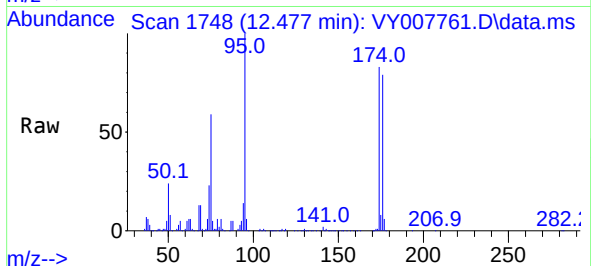




#76
1,2,3-Trichloropropane
Concen: 47.128 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 94197
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.347 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007761.D
Acq: 07 Mar 2022 16:09

Tgt Ion: 75 Resp: 94197
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

