

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008757.D
 Acq On : 13 May 2022 18:22
 Operator : KP/MD
 Sample : N2792-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-371

Quant Time: May 16 05:54:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

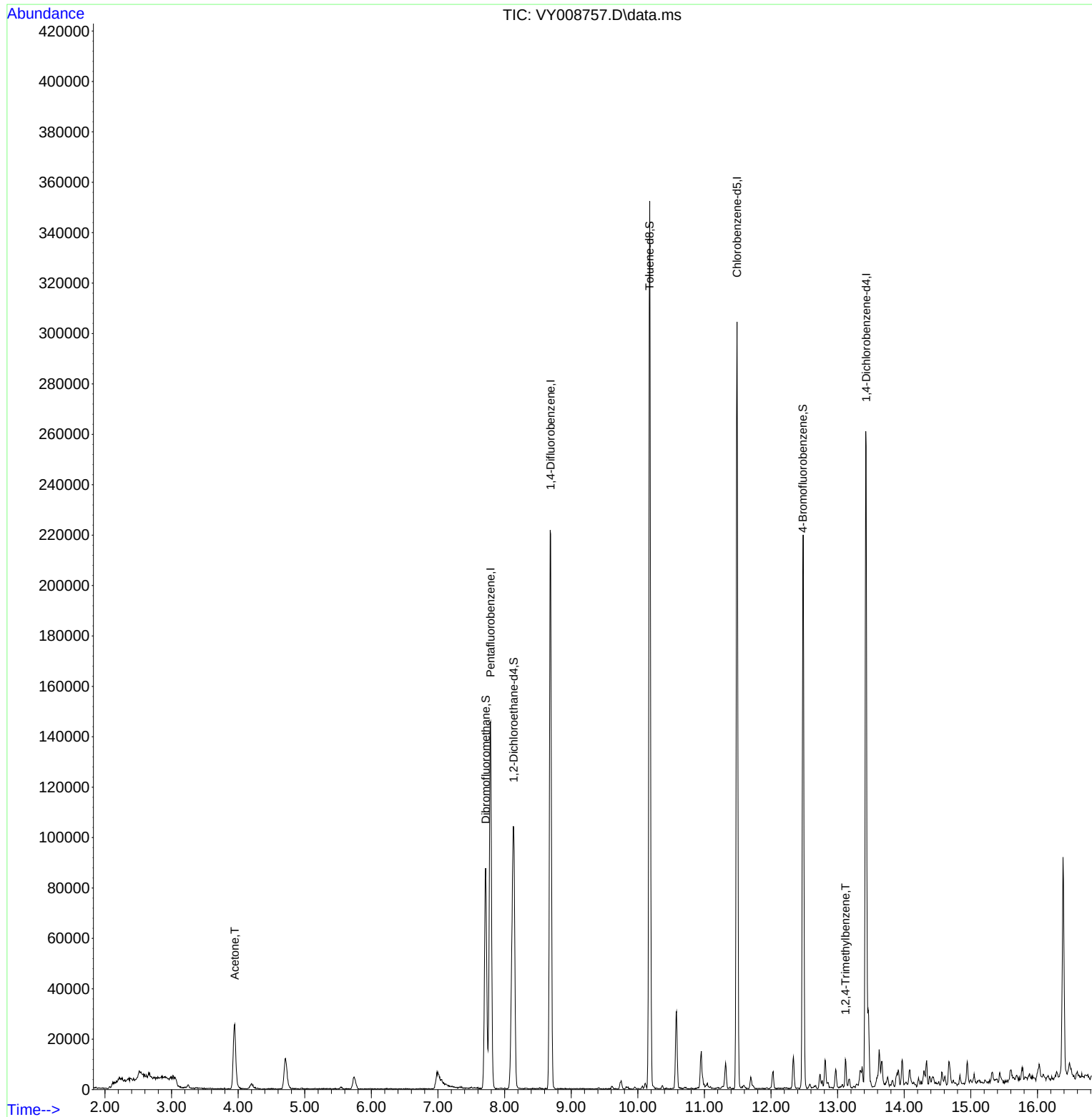
Internal Standards						
1) Pentafluorobenzene	7.789	168	111244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62237	56.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.360%
35) Dibromofluoromethane	7.716	113	60105	51.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.580%
50) Toluene-d8	10.179	98	223546	51.078	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.477	95	58577	38.630	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.260%
Target Compounds						
16) Acetone	3.948	43	43499	179.215	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	5945	1.488	ug/l	95

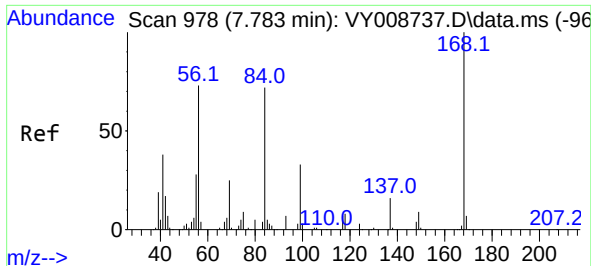
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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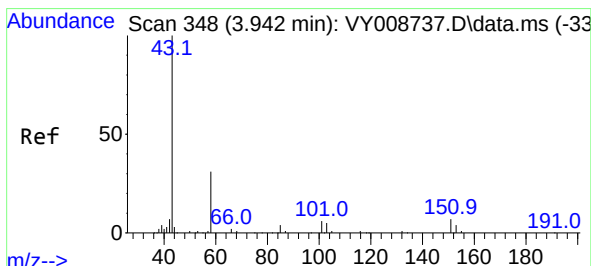
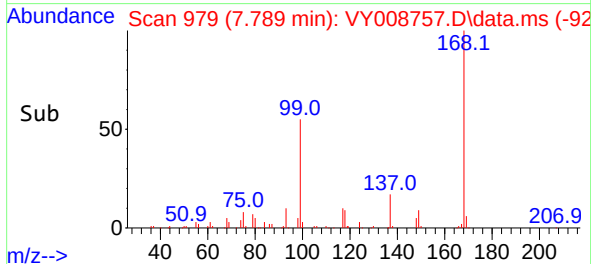
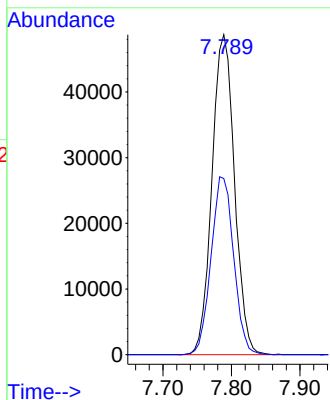
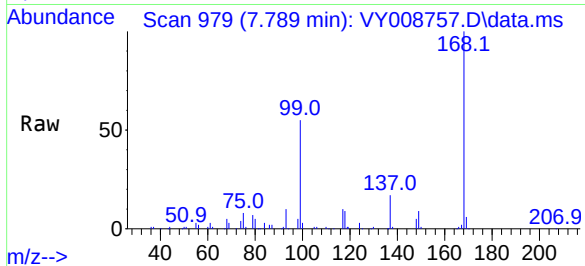




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008757.D
Acq: 13 May 2022 18:22

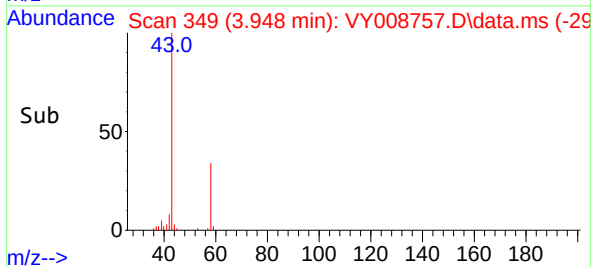
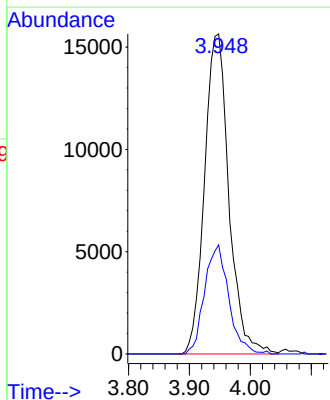
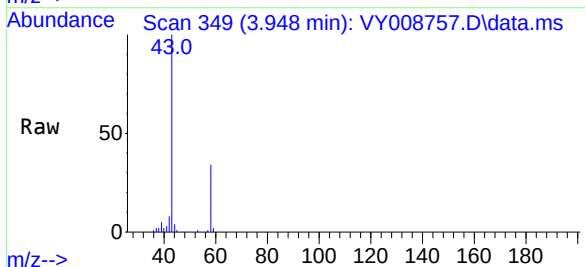
Instrument :
MSVOA_Y
ClientSampleId :
RO-371

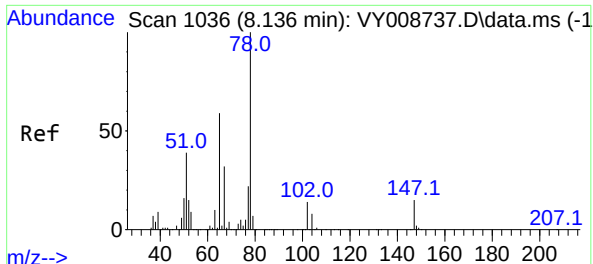
Tgt Ion:168 Resp: 111244
Ion Ratio Lower Upper
168 100
99 55.1 42.3 63.5



#16
Acetone
Concen: 179.215 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008757.D
Acq: 13 May 2022 18:22

Tgt Ion: 43 Resp: 43499
Ion Ratio Lower Upper
43 100
58 34.1 25.1 37.7

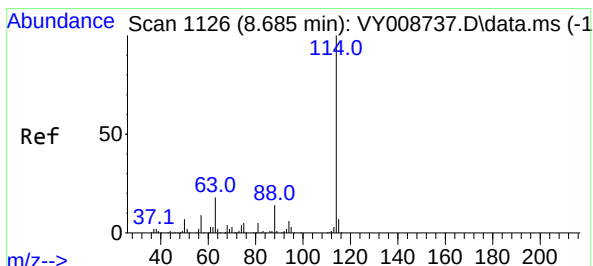
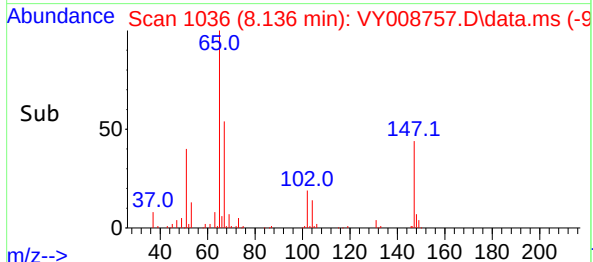
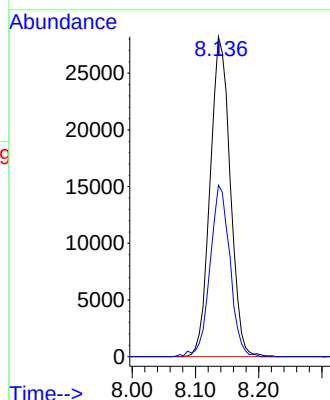
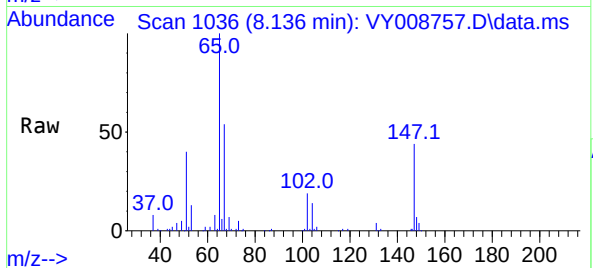




#33
1,2-Dichloroethane-d4
Concen: 56.177 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008757.D
Acq: 13 May 2022 18:22

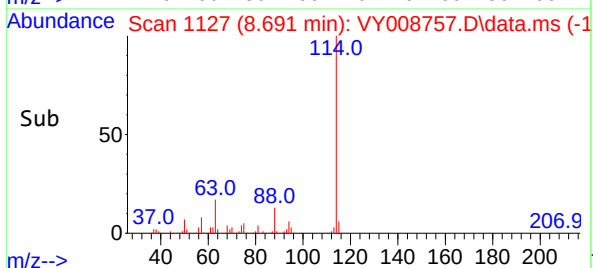
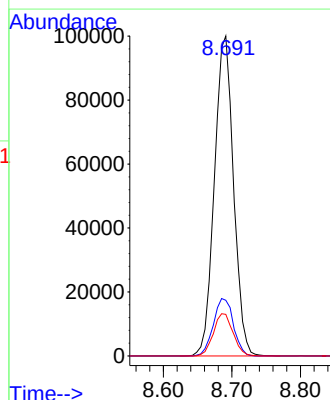
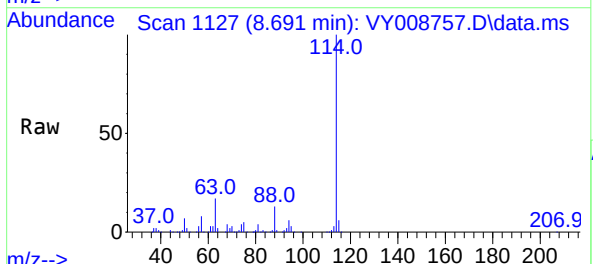
Instrument :
MSVOA_Y
ClientSampleId :
RO-371

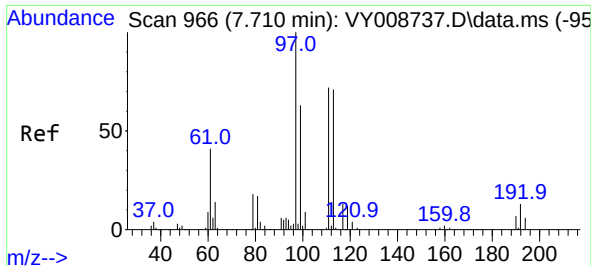
Tgt Ion: 65 Resp: 62237
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY008757.D
Acq: 13 May 2022 18:22

Tgt Ion: 114 Resp: 193358
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.4
88 13.0 0.0 27.4

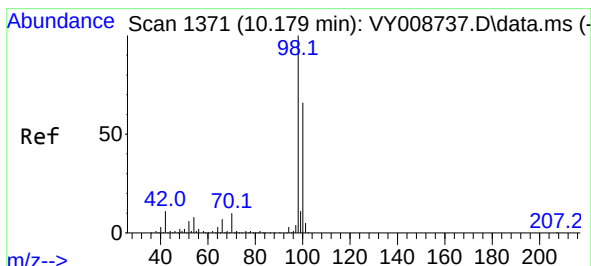
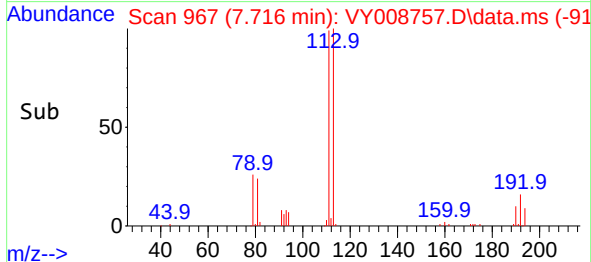
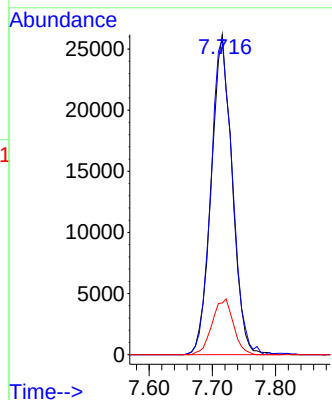
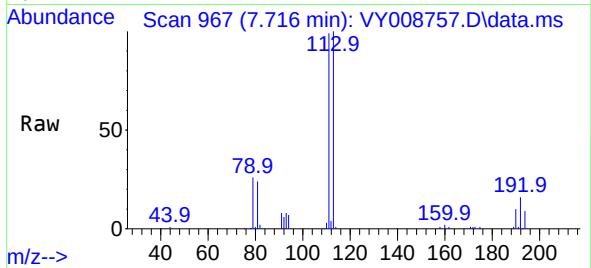




#35
Dibromofluoromethane
Concen: 51.792 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY008757.D
Acq: 13 May 2022 18:22

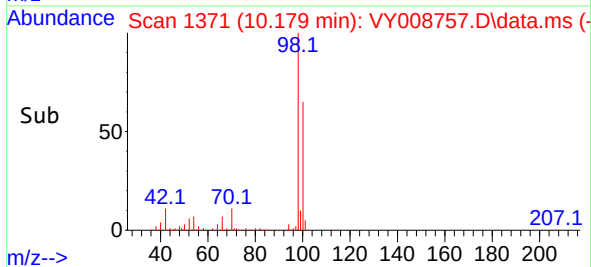
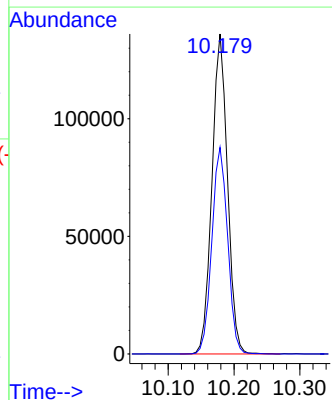
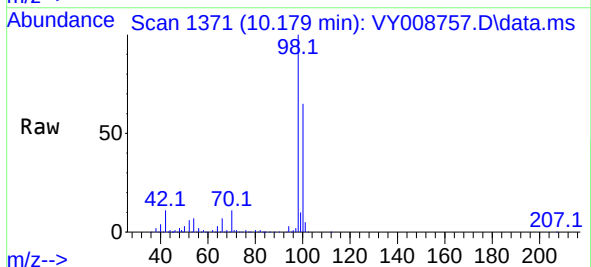
Instrument :
MSVOA_Y
ClientSampleId :
RO-371

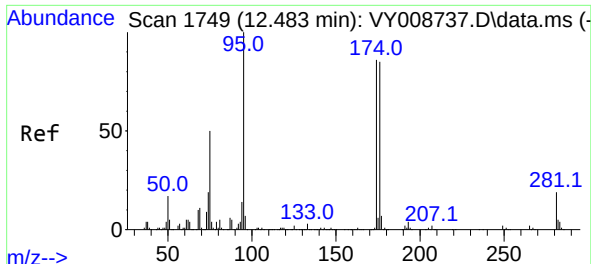
Tgt Ion:113 Resp: 60105
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 17.7 14.5 21.7



#50
Toluene-d8
Concen: 51.078 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008757.D
Acq: 13 May 2022 18:22

Tgt Ion: 98 Resp: 223546
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2

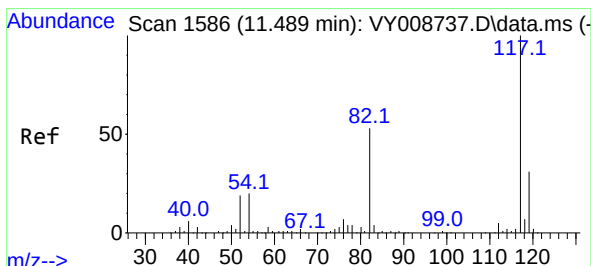
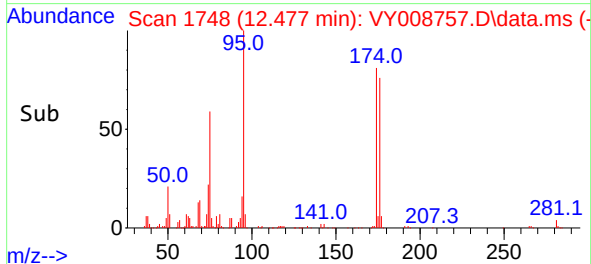
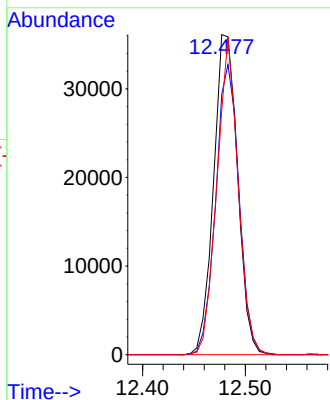
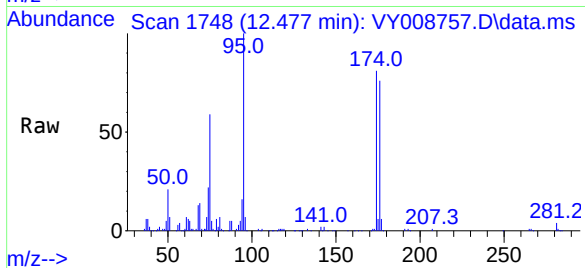




#62
4-Bromofluorobenzene
Concen: 38.630 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY008757.D
Acq: 13 May 2022 18:22

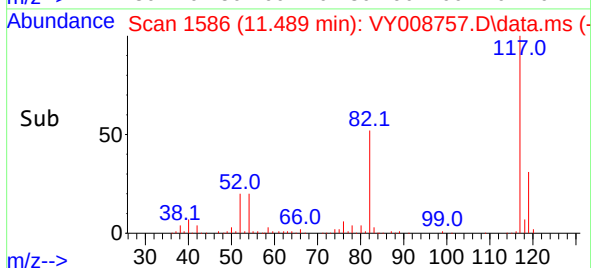
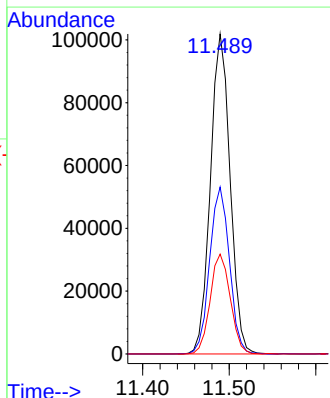
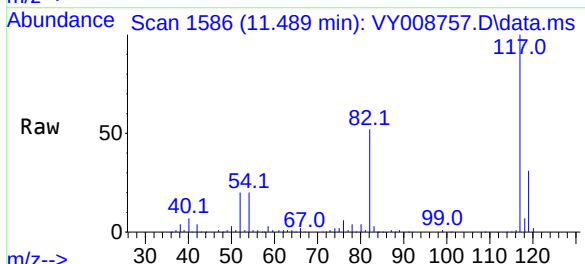
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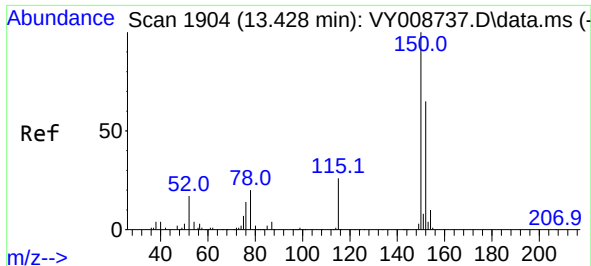
Tgt Ion: 95 Resp: 58577
Ion Ratio Lower Upper
95 100
174 87.9 0.0 171.2
176 87.7 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008757.D
Acq: 13 May 2022 18:22

Tgt Ion: 117 Resp: 161084
Ion Ratio Lower Upper
117 100
82 52.1 42.3 63.5
119 31.2 24.6 37.0

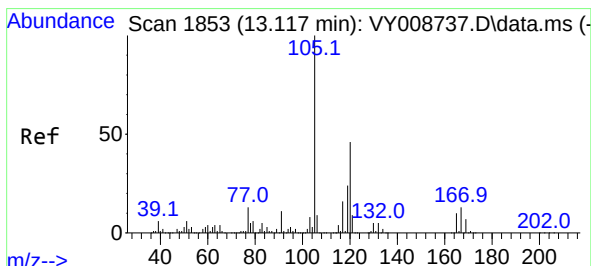
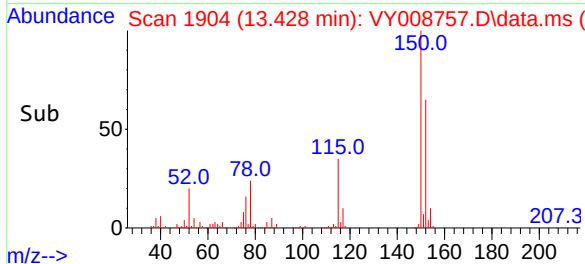
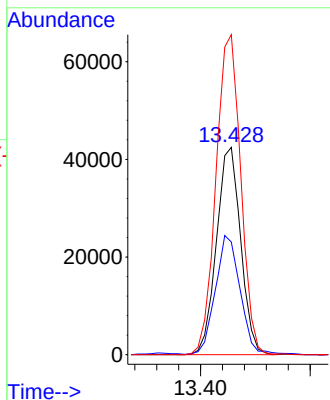
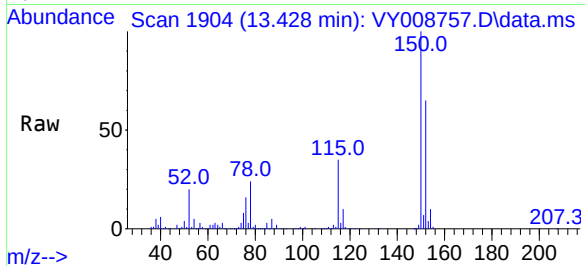




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008757.D
 Acq: 13 May 2022 18:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-371

Tgt Ion:152 Resp: 65182
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.2 84.7
 150 157.9 0.0 348.2



#84
 1,2,4-Trimethylbenzene
 Concen: 1.488 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY008757.D
 Acq: 13 May 2022 18:22

Tgt Ion:105 Resp: 5945
 Ion Ratio Lower Upper
 105 100
 120 49.9 23.2 69.6

