

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008750.D
 Acq On : 13 May 2022 15:38
 Operator : KP/MD
 Sample : N2781-15
 Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS004-0006-01

Quant Time: May 16 05:52:38 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	128671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	233839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	211512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	84014	65.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.120%
35) Dibromofluoromethane	7.716	113	77096	54.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.860%
50) Toluene-d8	10.179	98	277386	52.408	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.820%
62) 4-Bromofluorobenzene	12.483	95	81855	44.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.280%

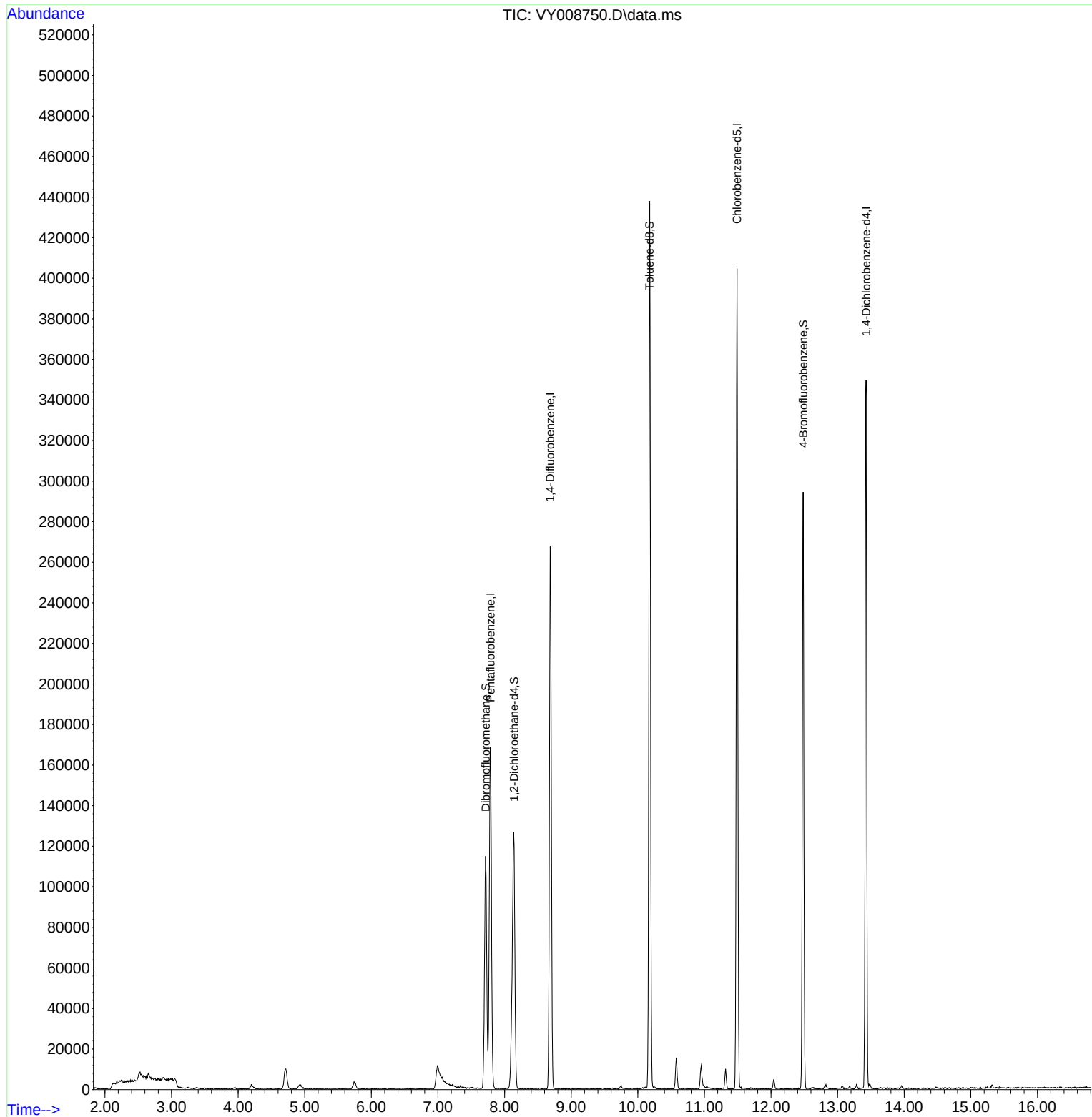
Target Compounds	Qvalue

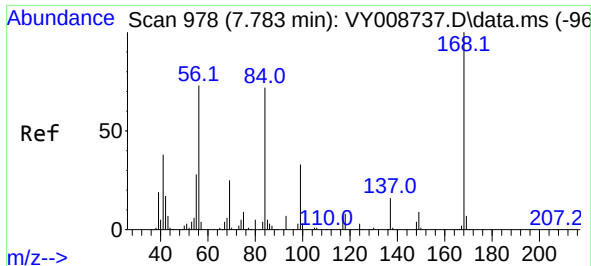
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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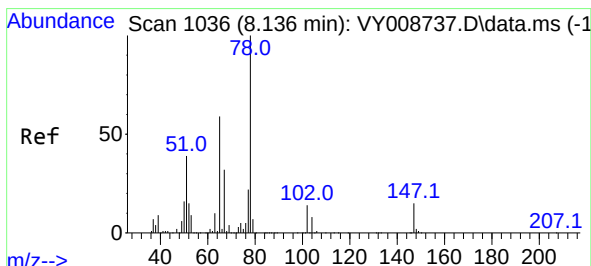
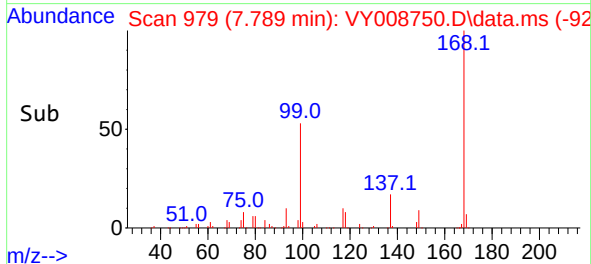
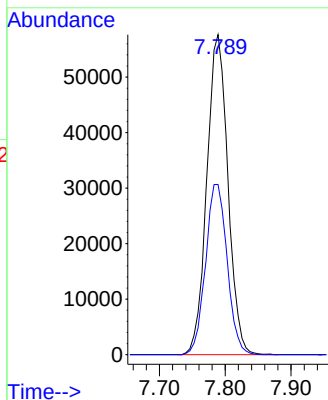
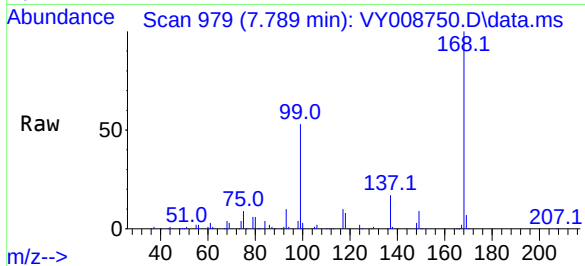




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

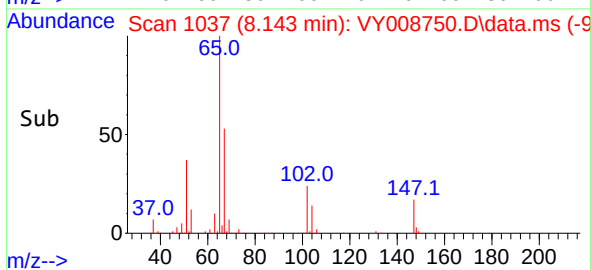
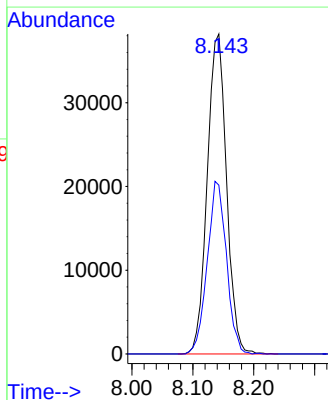
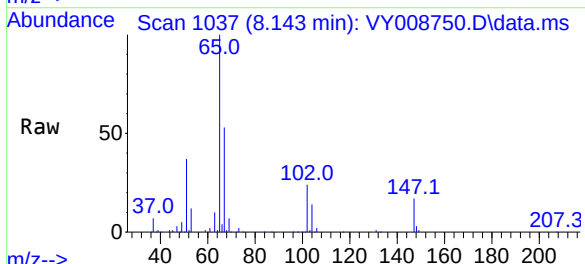
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS004-0006-01

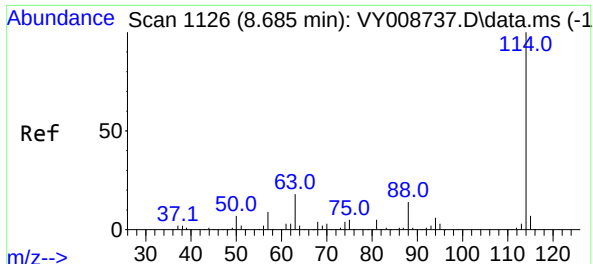
Tgt Ion:168 Resp: 128671
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 65.563 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

Tgt Ion: 65 Resp: 84014
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.0

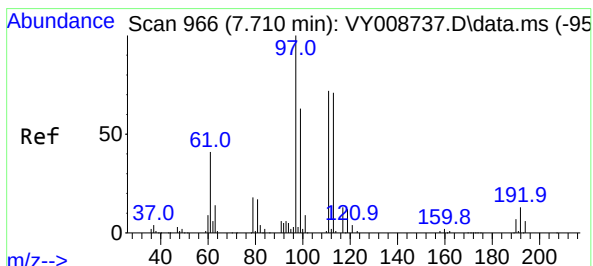
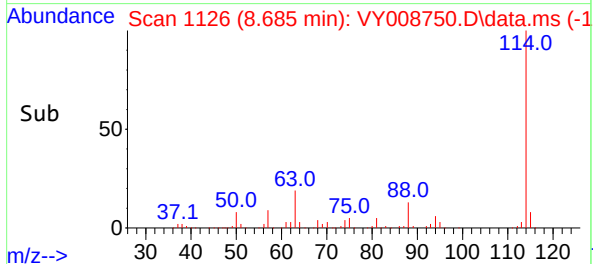
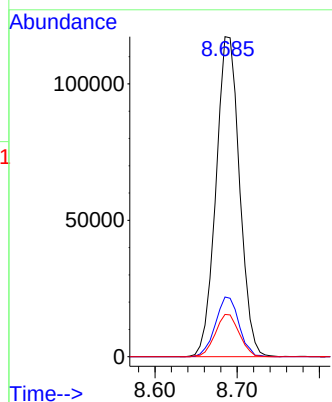
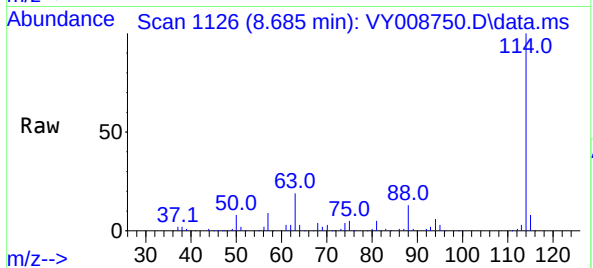




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

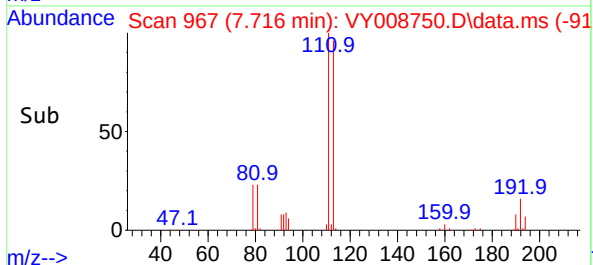
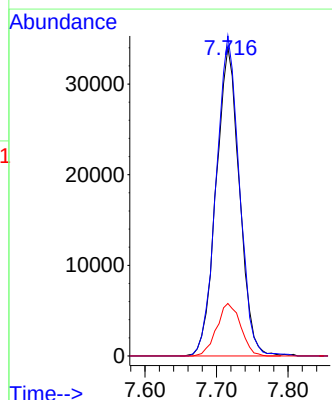
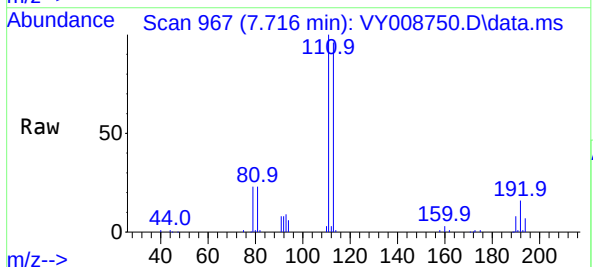
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ClientSampleId :
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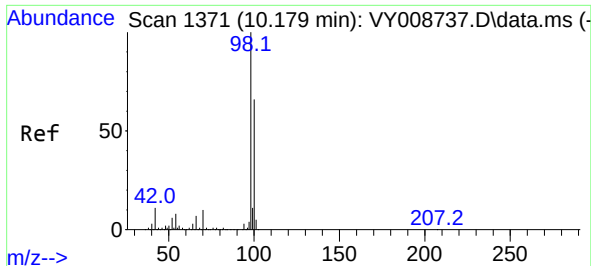
Tgt Ion:114 Resp: 233839
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.4
88 13.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 54.932 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

Tgt Ion:113 Resp: 77096
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 17.4 14.5 21.7

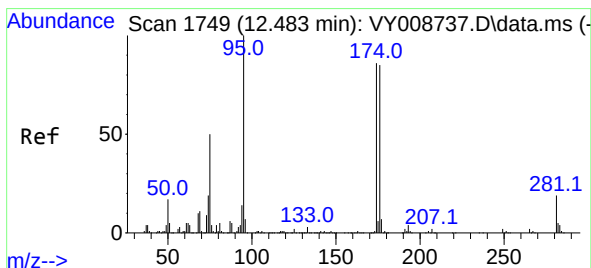
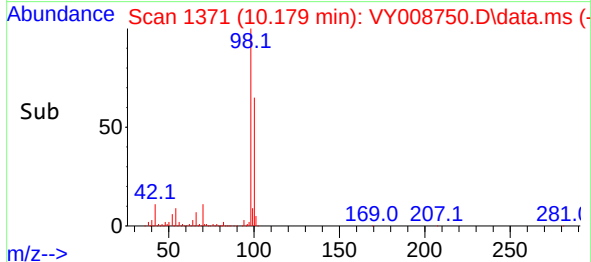
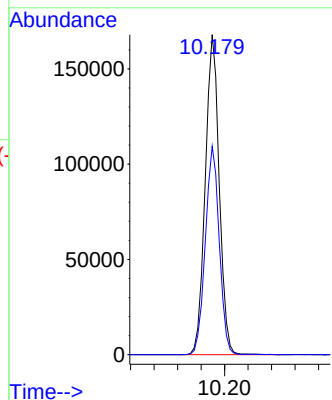
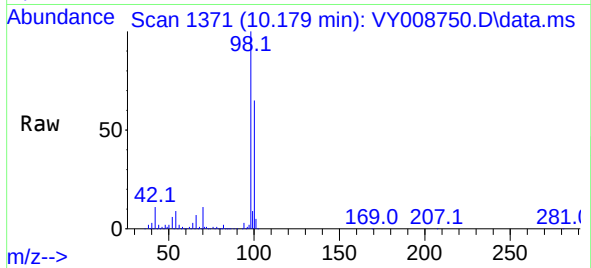




#50
Toluene-d8
Concen: 52.408 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

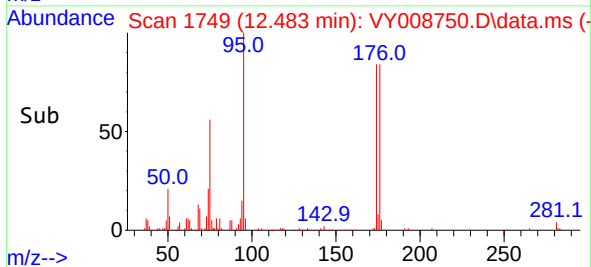
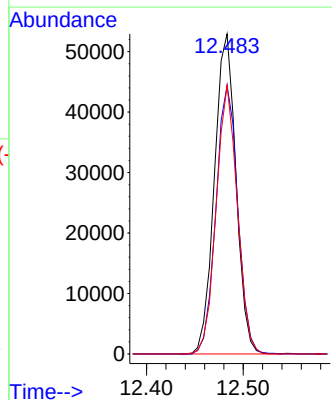
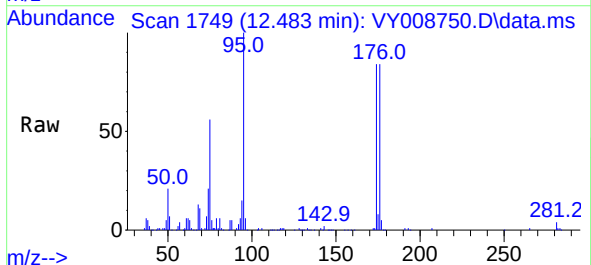
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS004-0006-01

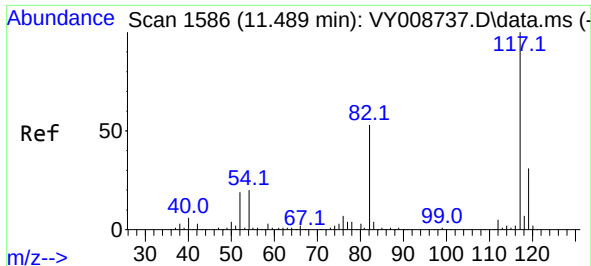
Tgt Ion: 98 Resp: 277386
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.637 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

Tgt Ion: 95 Resp: 81855
Ion Ratio Lower Upper
95 100
174 84.7 0.0 171.2
176 82.2 0.0 168.8

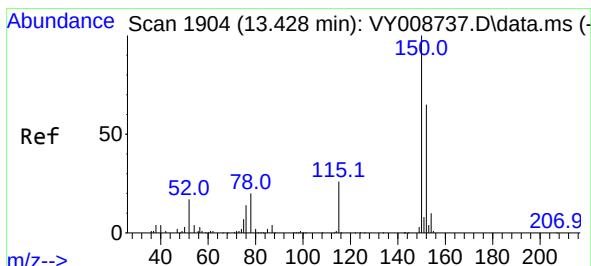
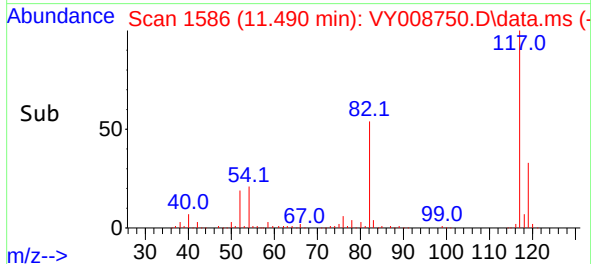
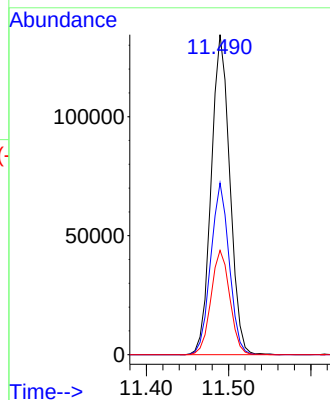
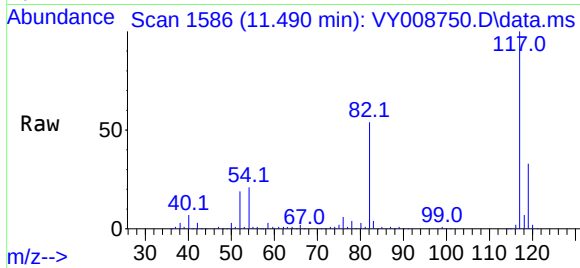




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :
P011-SS004-0006-01

Tgt Ion:117 Resp: 211512
Ion Ratio Lower Upper
117 100
82 53.7 42.3 63.5
119 32.6 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: VY008750.D
Acq: 13 May 2022 15:38

Tgt Ion:152 Resp: 87270
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 158.3 0.0 348.2

