

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008747.D
 Acq On : 13 May 2022 14:28
 Operator : KP/MD
 Sample : N2781-12
 Misc : 3.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS003-1218-01

Quant Time: May 16 05:51:55 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	158277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	281000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	256306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	94322	59.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.680%	
35) Dibromofluoromethane	7.716	113	92411	54.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.580%	
50) Toluene-d8	10.179	98	339055	53.308	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.620%	
62) 4-Bromofluorobenzene	12.483	95	97345	44.175	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.340%	

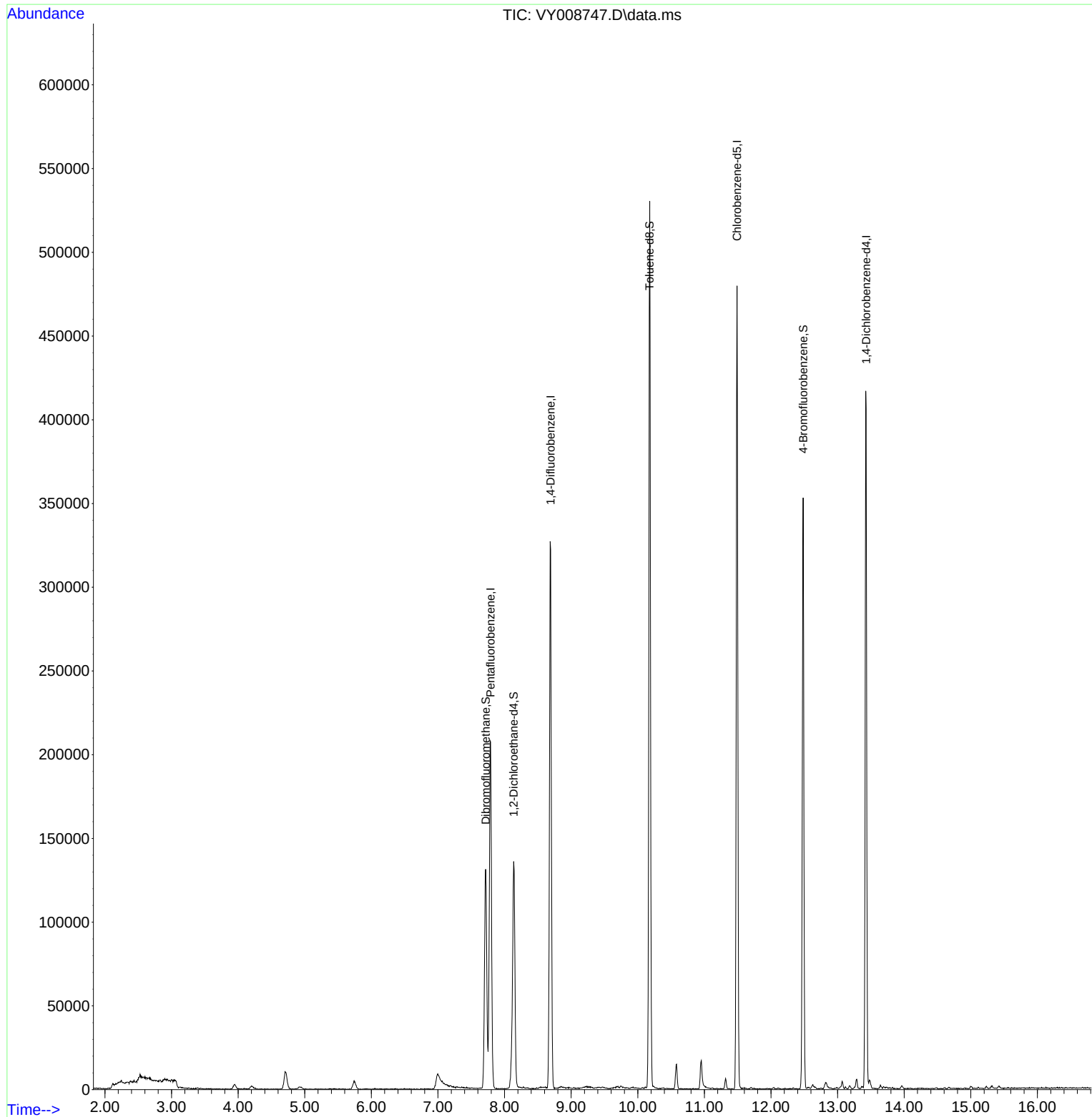
Target Compounds	Qvalue

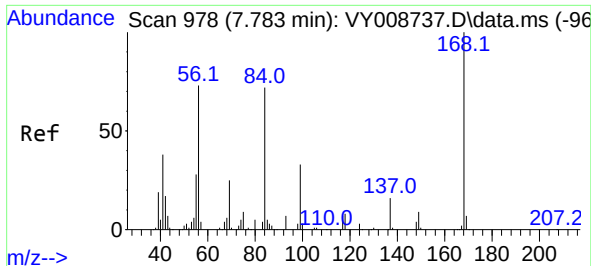
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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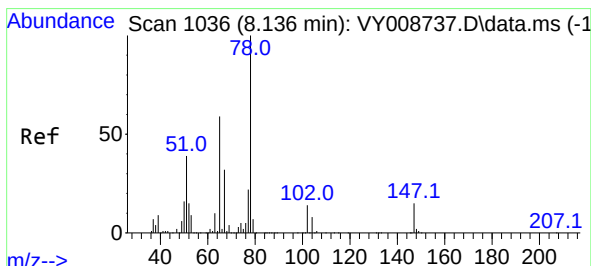
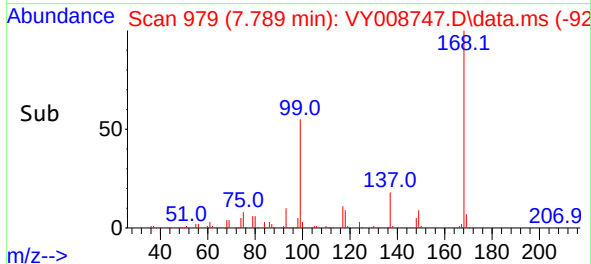
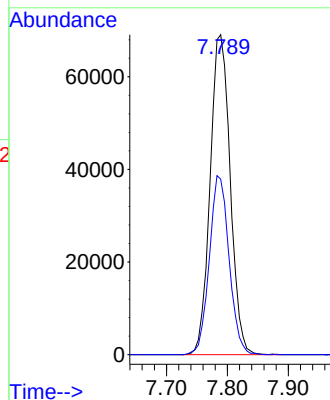
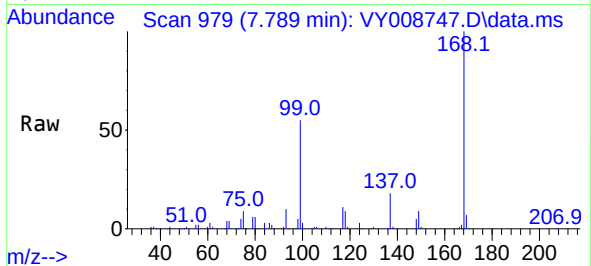




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008747.D
Acq: 13 May 2022 14:28

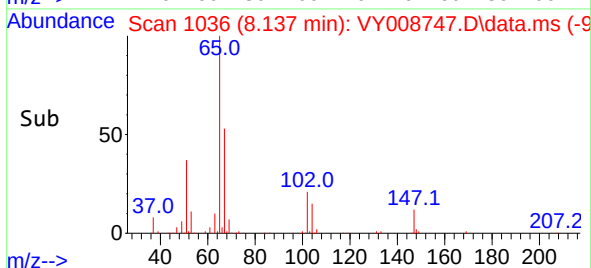
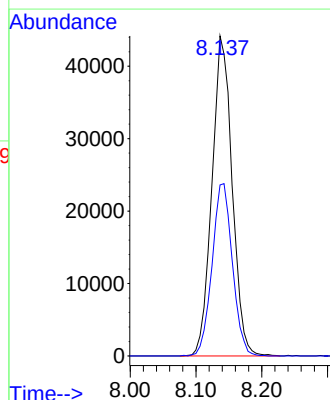
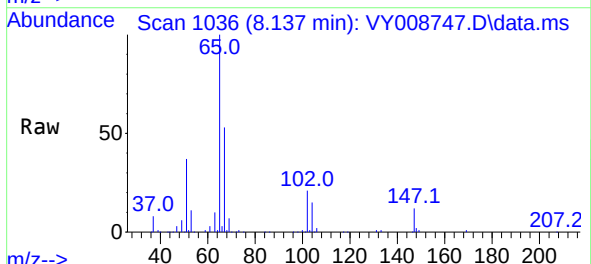
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-1218-01

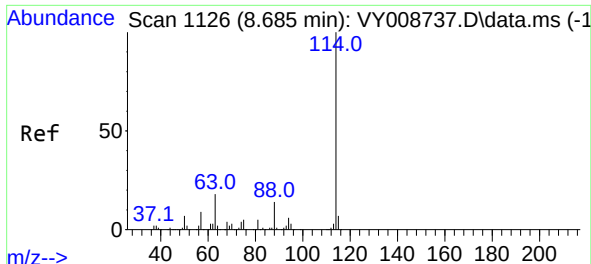
Tgt Ion:168 Resp: 158277
Ion Ratio Lower Upper
168 100
99 54.9 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 59.838 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008747.D
Acq: 13 May 2022 14:28

Tgt Ion: 65 Resp: 94322
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.0

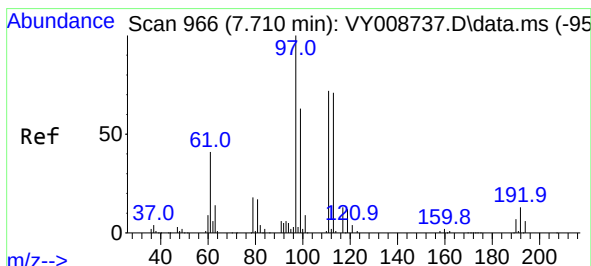
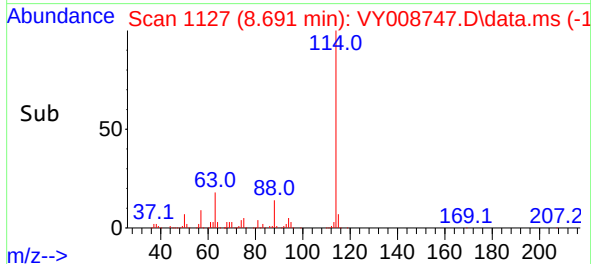
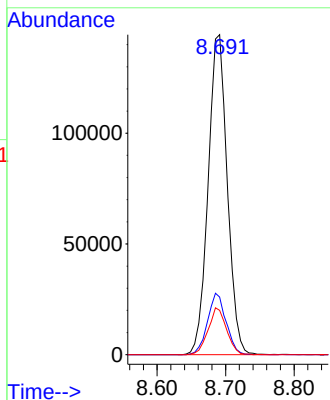
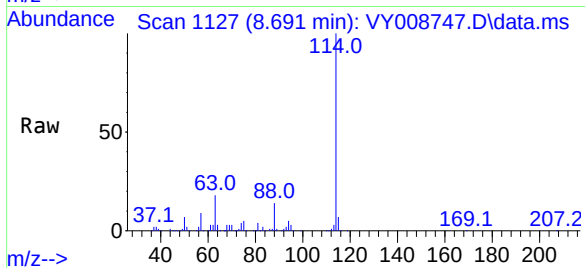




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY008747.D
Acq: 13 May 2022 14:28

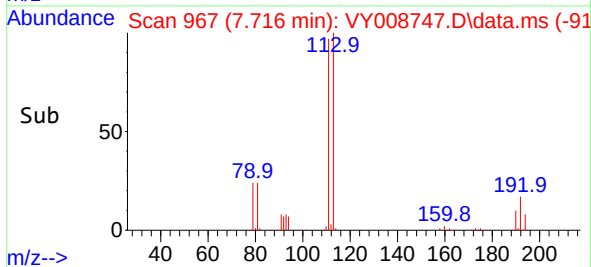
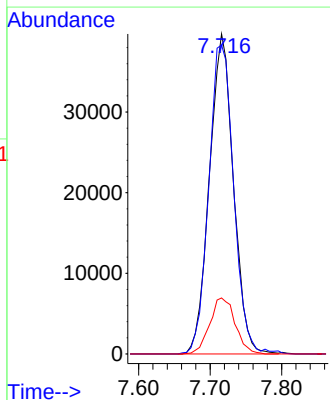
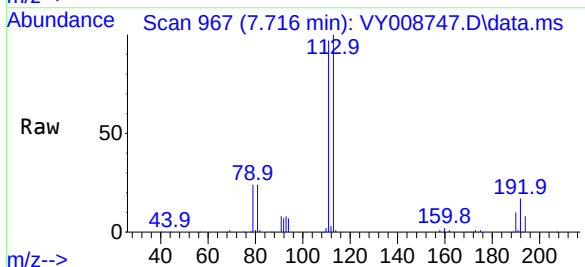
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-1218-01

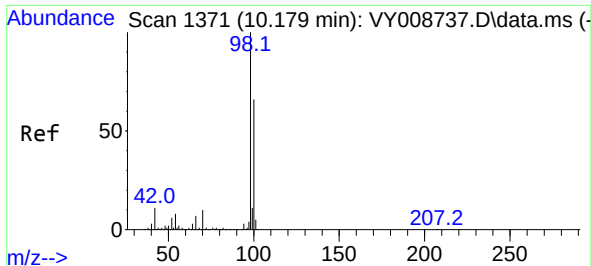
Tgt Ion:114 Resp: 281000
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.4
88 13.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 54.793 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY008747.D
Acq: 13 May 2022 14:28

Tgt Ion:113 Resp: 92411
Ion Ratio Lower Upper
113 100
111 100.6 81.8 122.6
192 18.5 14.5 21.7

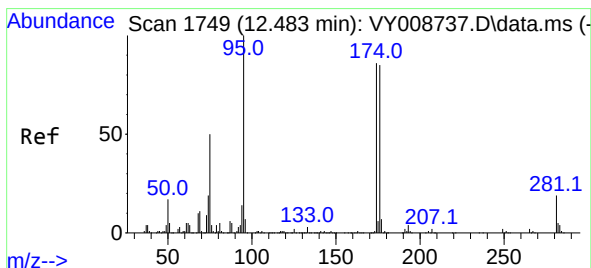
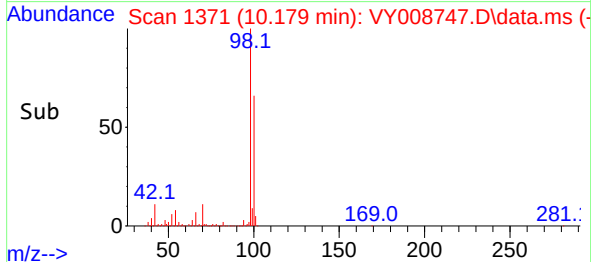
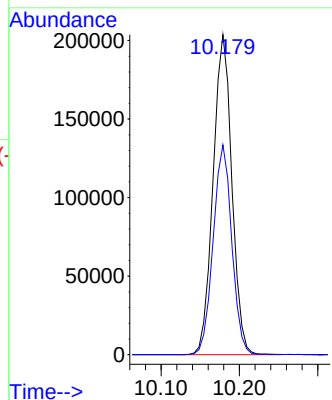
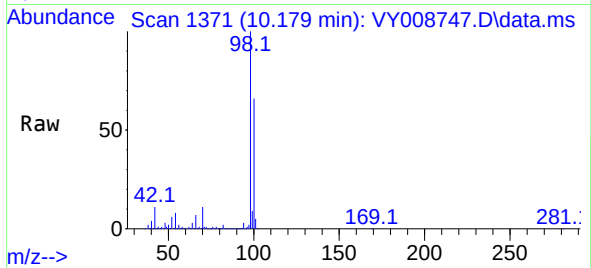




#50
Toluene-d8
Concen: 53.308 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008747.D
Acq: 13 May 2022 14:28

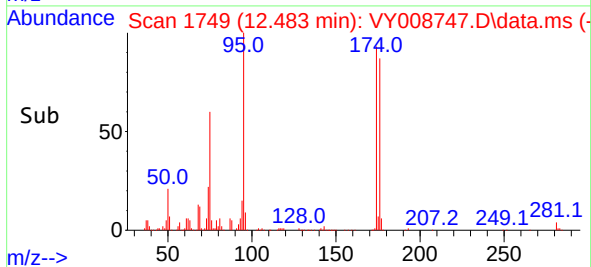
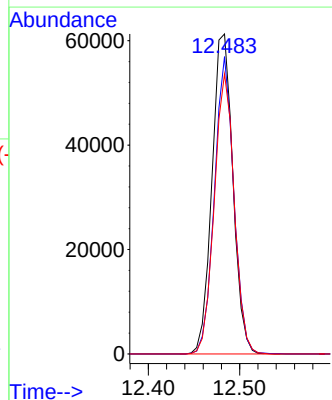
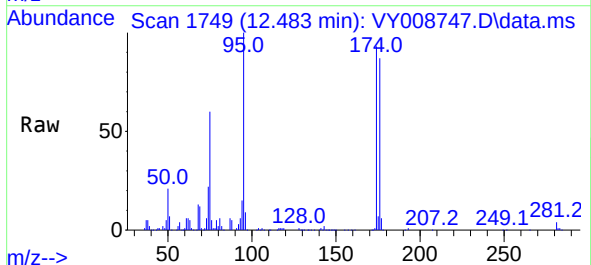
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-1218-01

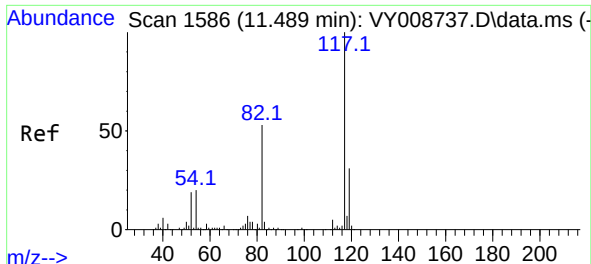
Tgt Ion: 98 Resp: 339055
Ion Ratio Lower Upper
98 100
100 65.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.175 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008747.D
Acq: 13 May 2022 14:28

Tgt Ion: 95 Resp: 97345
Ion Ratio Lower Upper
95 100
174 86.2 0.0 171.2
176 83.7 0.0 168.8

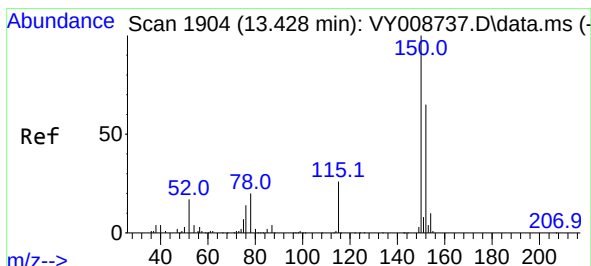
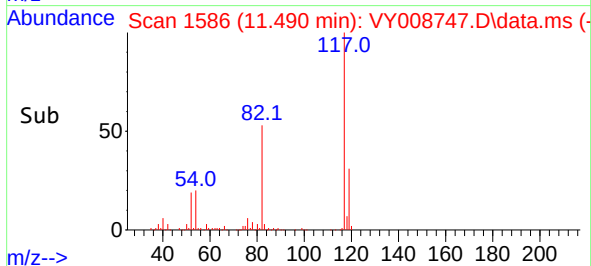
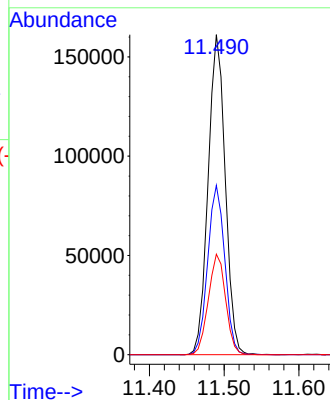
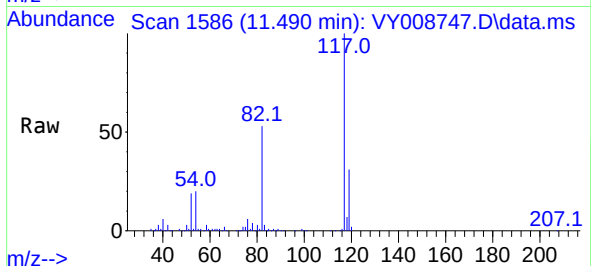




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008747.D
Acq: 13 May 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-1218-01

Tgt Ion:117 Resp: 256306
Ion Ratio Lower Upper
117 100
82 52.9 42.3 63.5
119 31.4 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: VY008747.D
Acq: 13 May 2022 14:28

Tgt Ion:152 Resp: 103518
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 159.4 0.0 348.2

