

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009070.D
 Acq On : 24 May 2022 18:26
 Operator : KP/MD
 Sample : N2948-23
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-0612-01

Quant Time: May 25 02:56:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	106998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67627	61.412	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.820%	
35) Dibromofluoromethane	7.716	113	61678	52.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.600%	
50) Toluene-d8	10.179	98	241876	55.597	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.200%	
62) 4-Bromofluorobenzene	12.483	95	69125	39.389	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.780%	

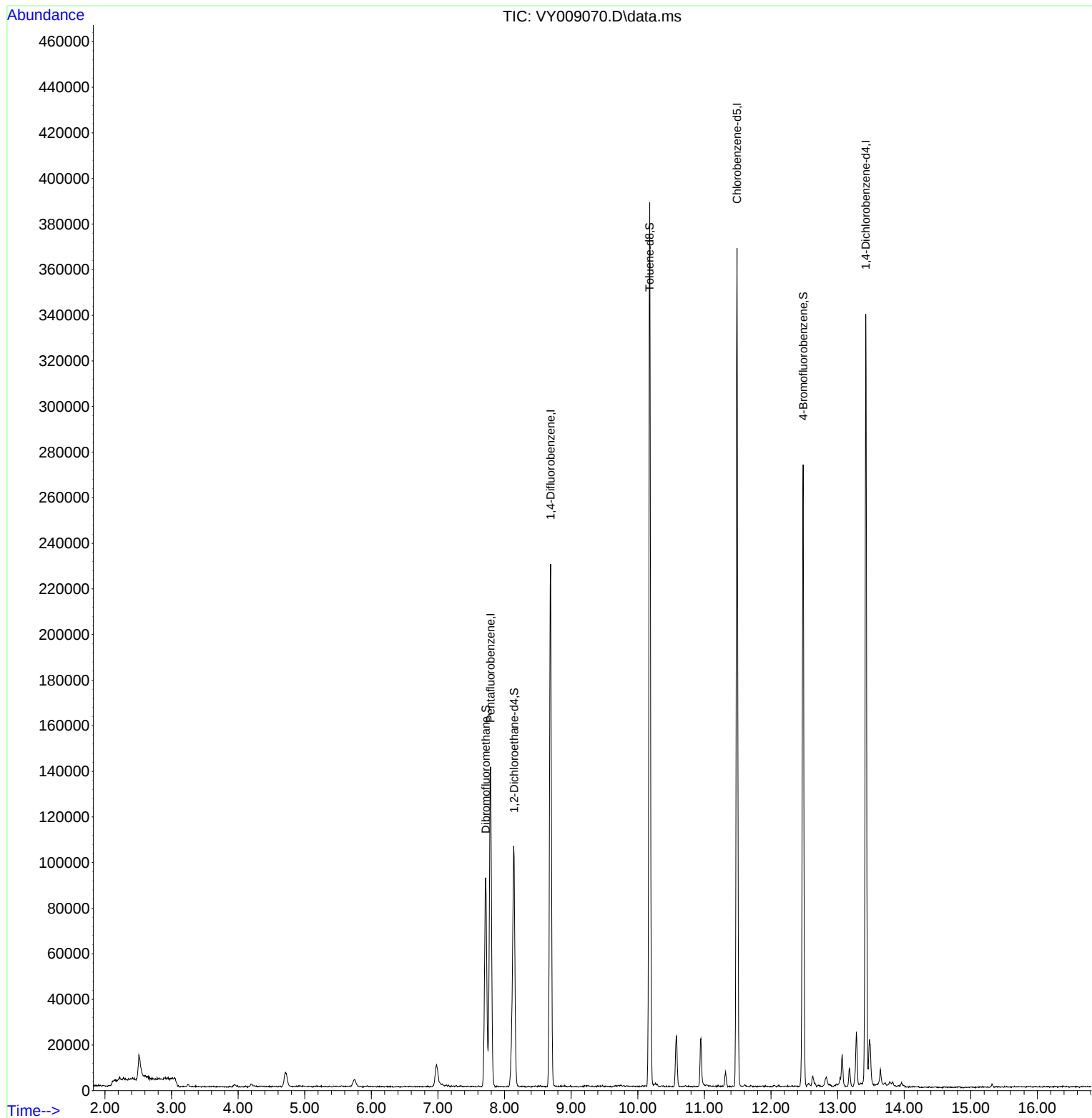
Target Compounds	Qvalue

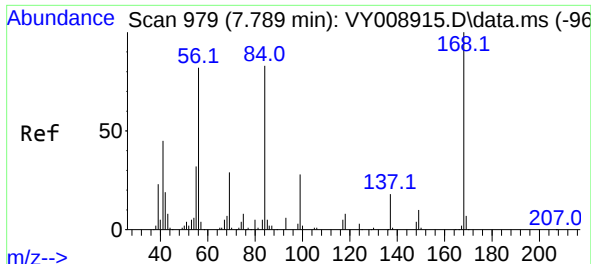
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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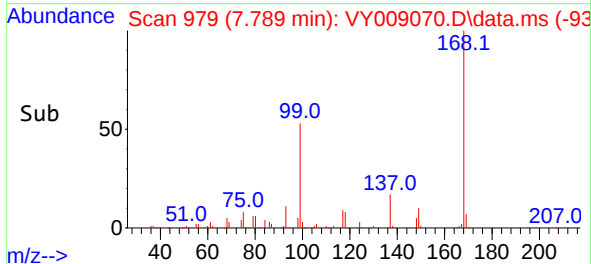
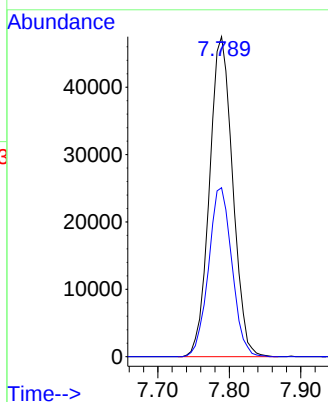
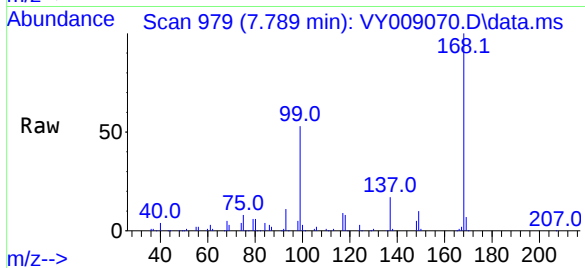




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009070.D
Acq: 24 May 2022 18:26

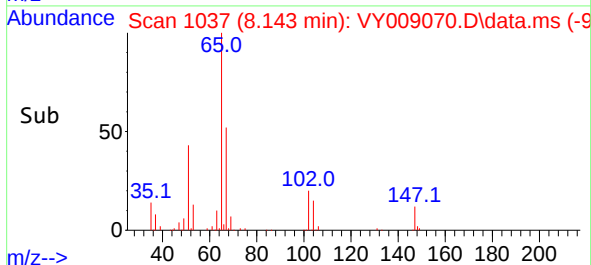
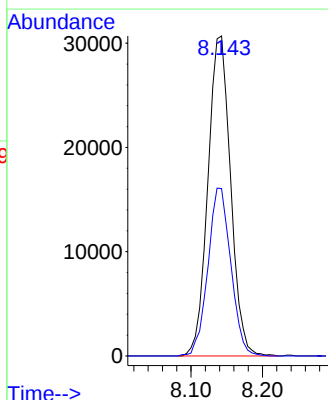
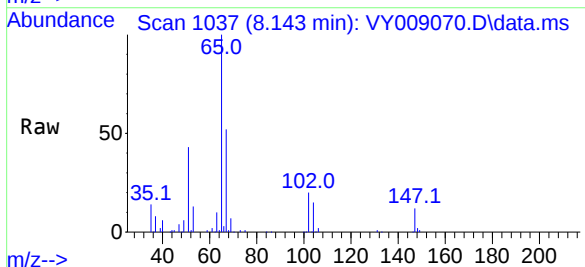
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-0612-01

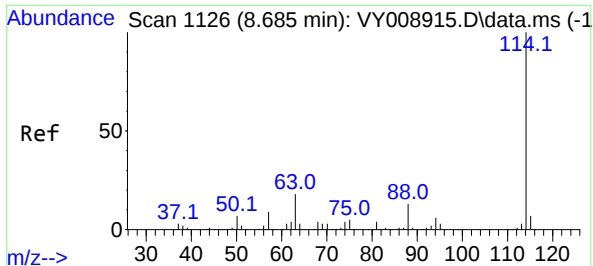
Tgt Ion:168 Resp: 106998
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.412 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY009070.D
Acq: 24 May 2022 18:26

Tgt Ion: 65 Resp: 67627
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

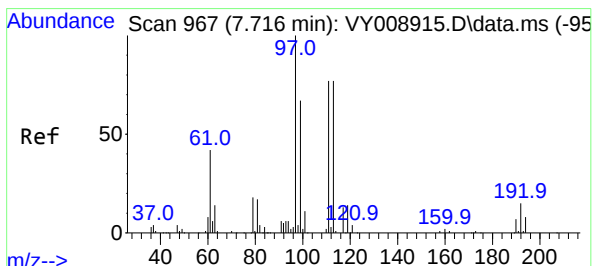
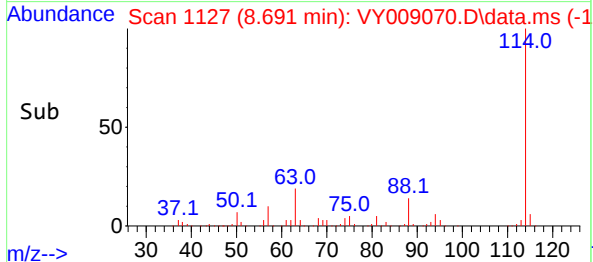
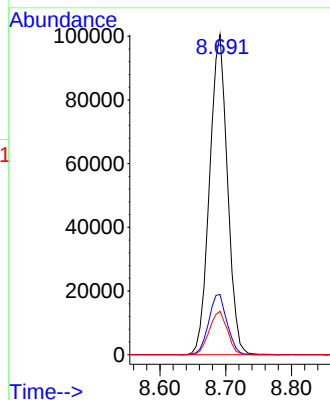
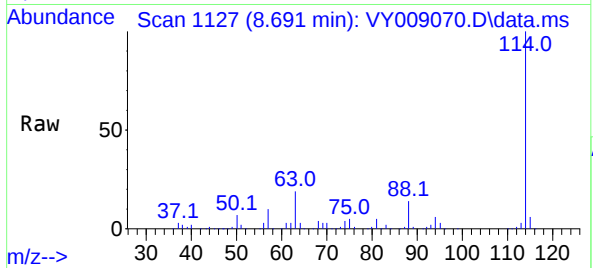




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009070.D
Acq: 24 May 2022 18:26

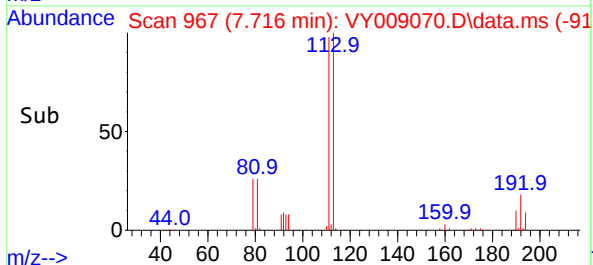
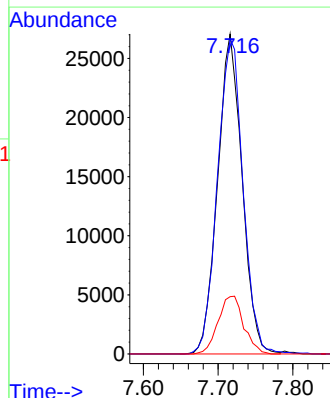
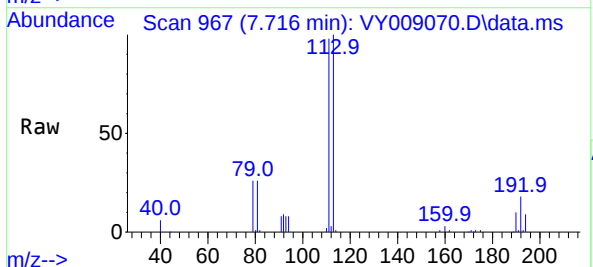
Instrument :
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ClientSampleId :
P037-SS001-0612-01

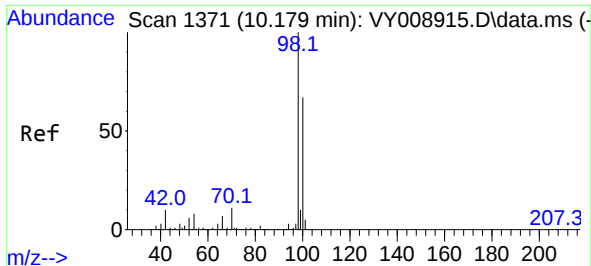
Tgt Ion:114 Resp: 189642
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 13.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.302 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009070.D
Acq: 24 May 2022 18:26

Tgt Ion:113 Resp: 61678
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.9 17.6 26.4

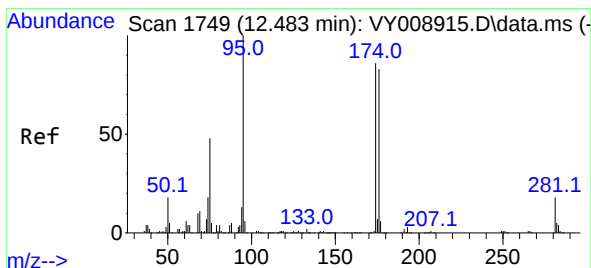
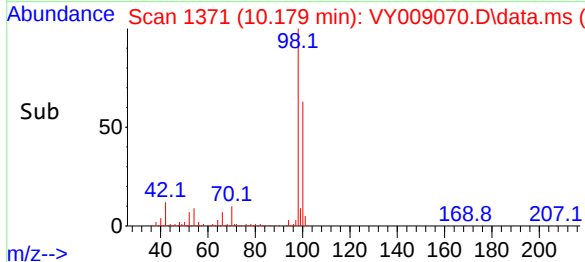
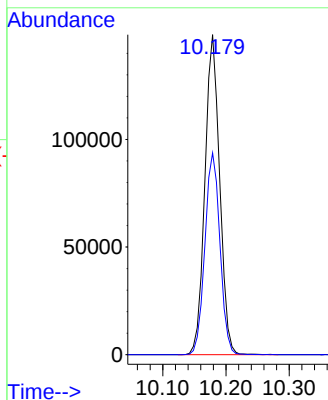
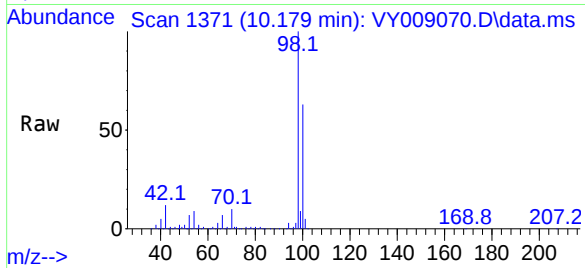




#50
Toluene-d8
Concen: 55.597 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009070.D
Acq: 24 May 2022 18:26

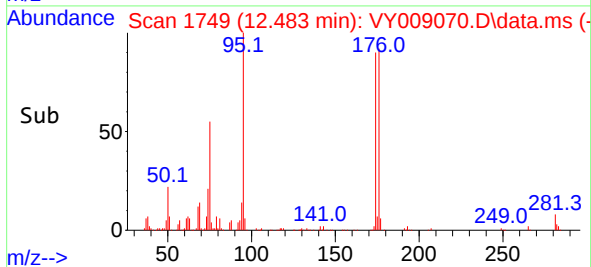
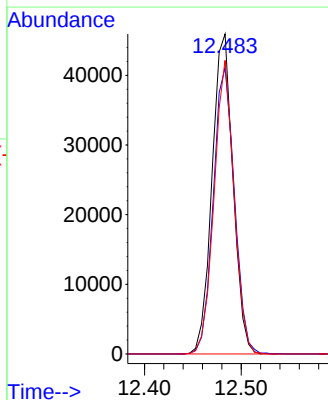
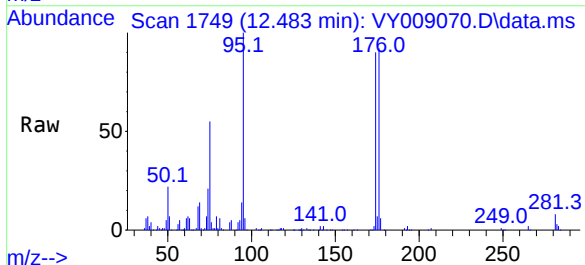
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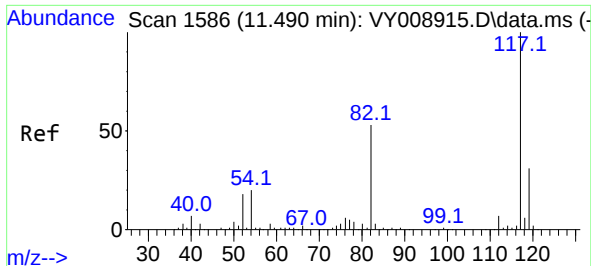
Tgt Ion: 98 Resp: 241876
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.389 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009070.D
Acq: 24 May 2022 18:26

Tgt Ion: 95 Resp: 69125
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.0
176 87.2 0.0 175.8

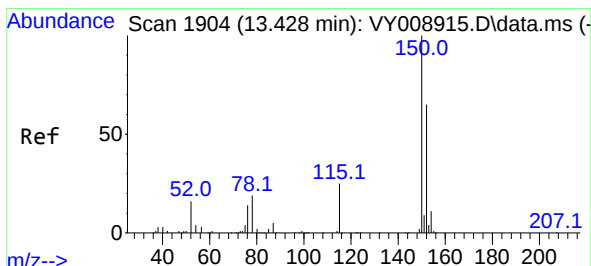
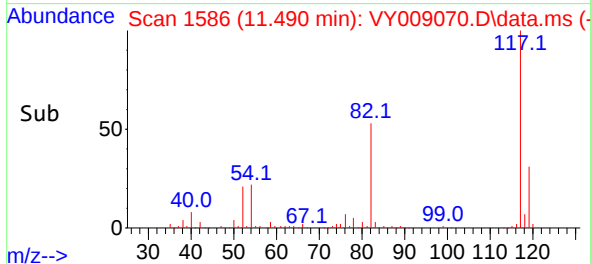
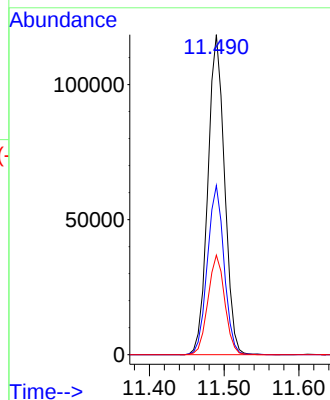
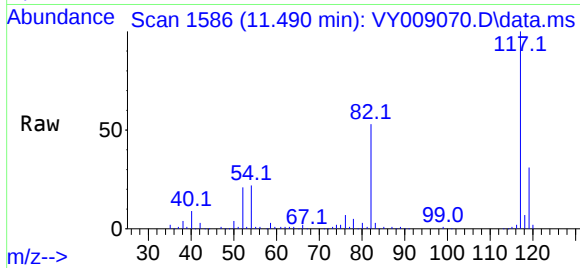




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009070.D
Acq: 24 May 2022 18:26

Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-0612-01

Tgt Ion:117 Resp: 183197
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009070.D
Acq: 24 May 2022 18:26

Tgt Ion:152 Resp: 79439
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 156.2 0.0 347.6

