

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008978.D
 Acq On : 22 May 2022 03:51
 Operator : KP/MD
 Sample : N2887-11
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P038-SS001-2430-01

Quant Time: May 22 04:49:27 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	118058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90576	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79227	65.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.420%
35) Dibromofluoromethane	7.716	113	69496	52.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.180%
50) Toluene-d8	10.179	98	264691	54.298	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.600%
62) 4-Bromofluorobenzene	12.483	95	80106	40.737	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.480%

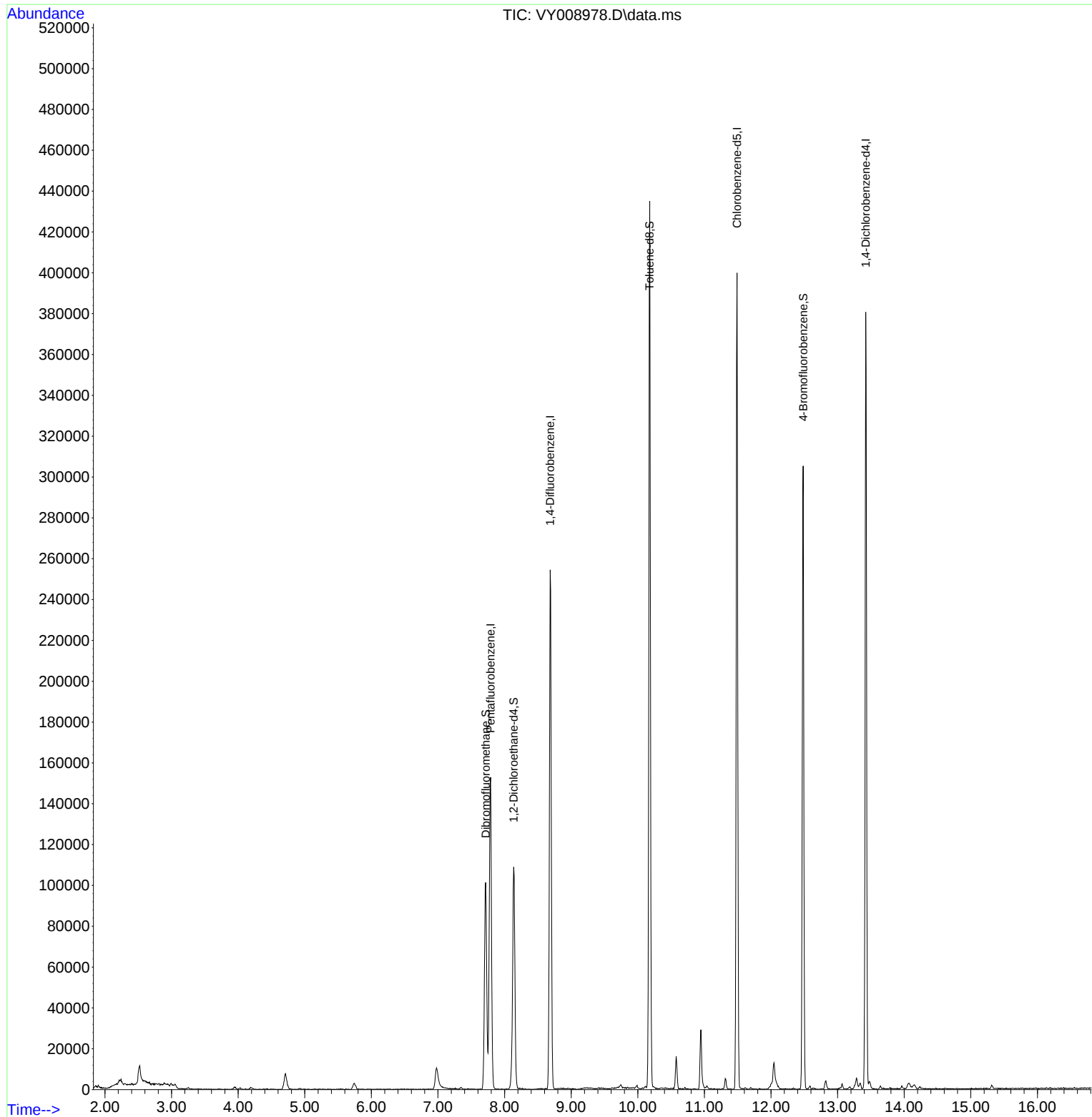
Target Compounds	Qvalue

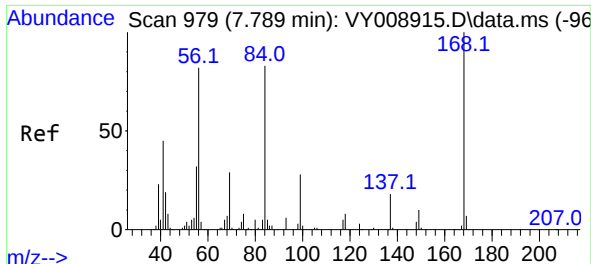
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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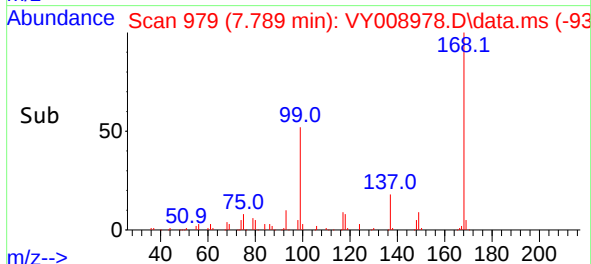
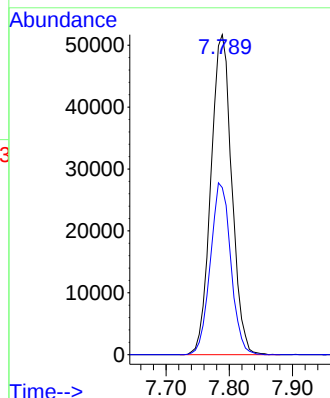
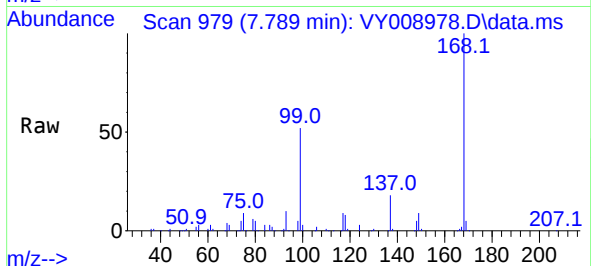




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

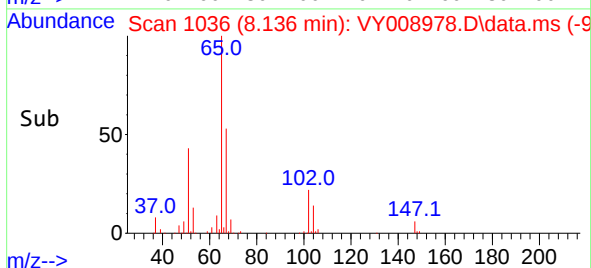
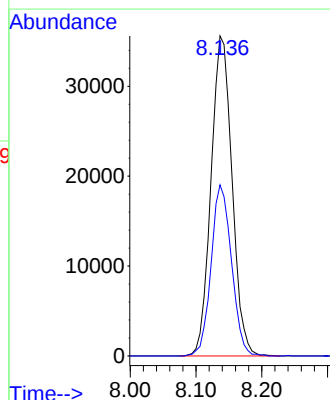
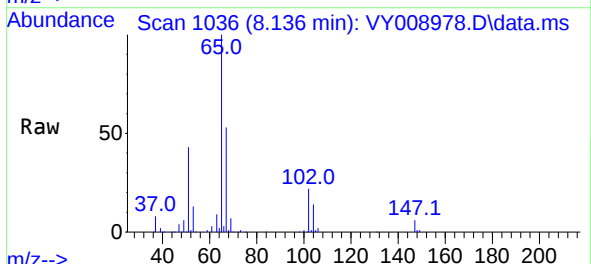
Instrument :
MSVOA_Y
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P038-SS001-2430-01

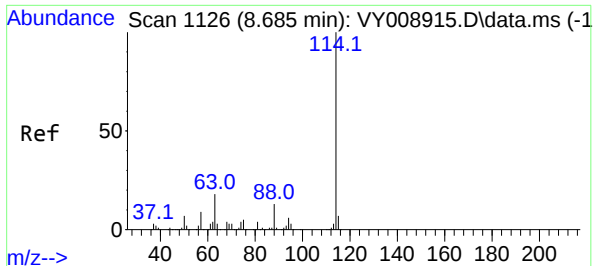
Tgt Ion:168 Resp: 118058
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.206 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

Tgt Ion: 65 Resp: 79227
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4

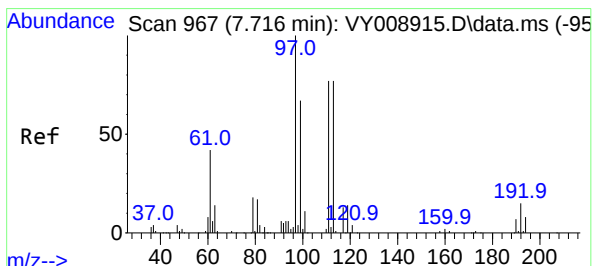
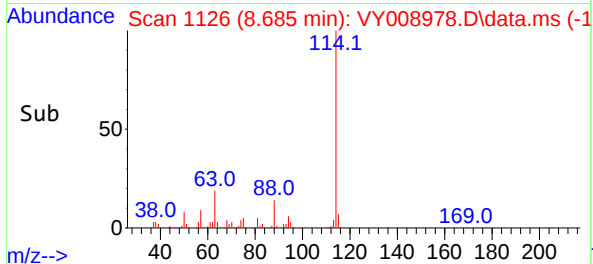
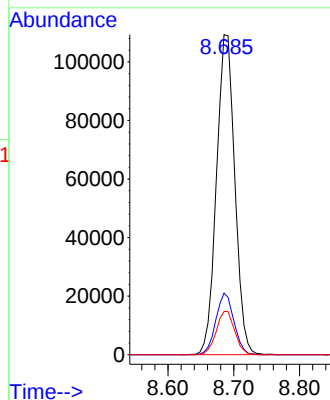
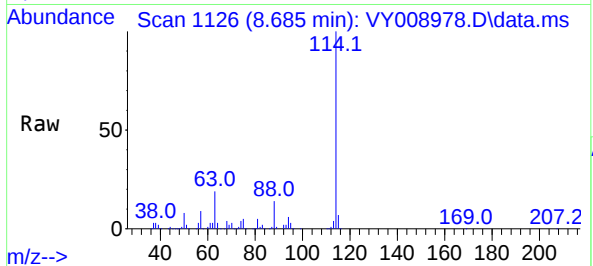




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

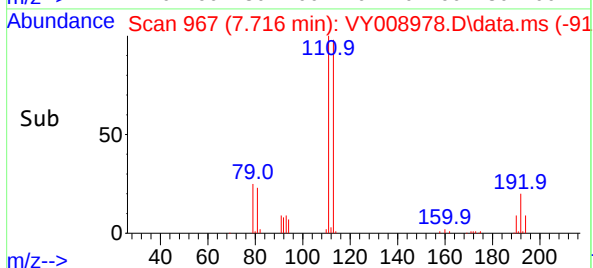
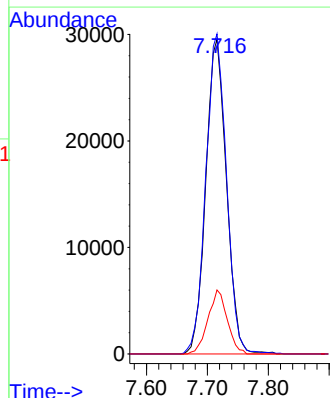
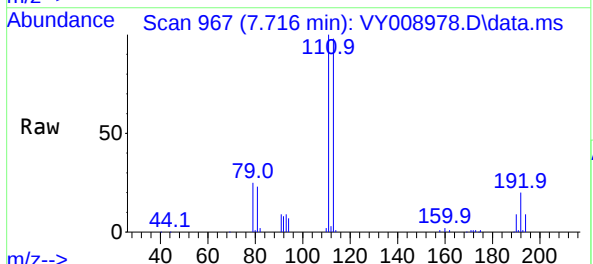
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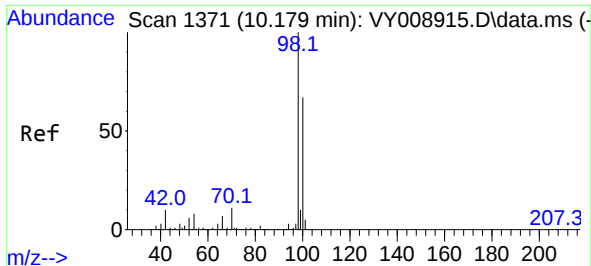
Tgt Ion:	114	Resp:	212494
Ion Ratio	Lower	Upper	
114	100		
63	19.3	0.0	43.2
88	13.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 52.594 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

Tgt Ion:	113	Resp:	69496
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.6	124.0
192	19.0	17.6	26.4

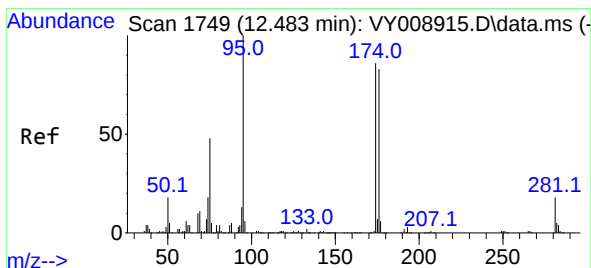
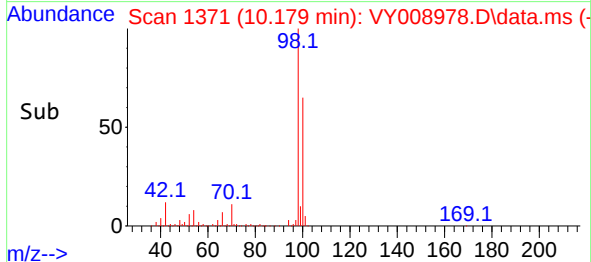
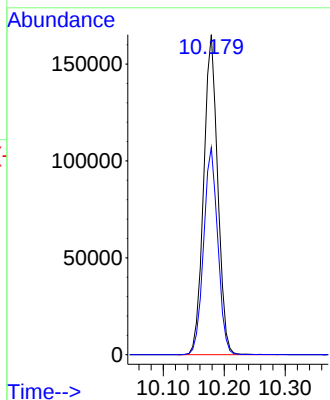
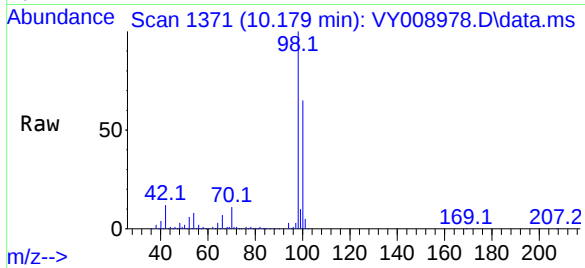




#50
Toluene-d8
Concen: 54.298 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008978.D
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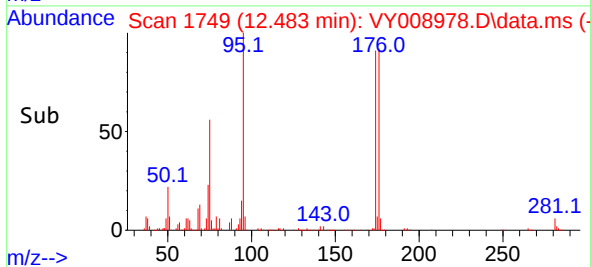
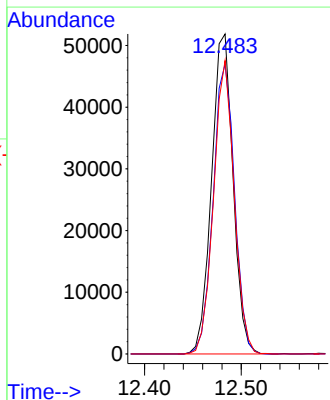
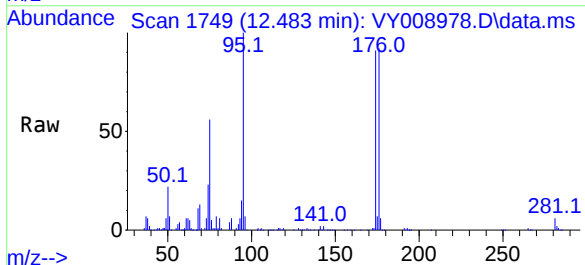
Instrument :
MSVOA_Y
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P038-SS001-2430-01

Tgt Ion: 98 Resp: 264691
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.737 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

Tgt Ion: 95 Resp: 80106
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 87.8 0.0 175.8

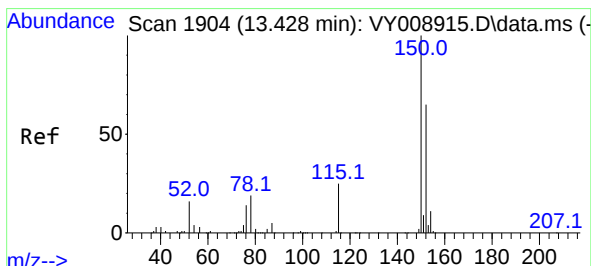
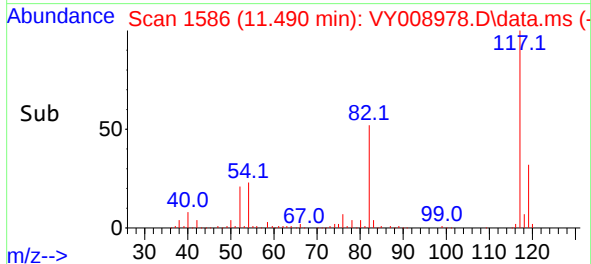
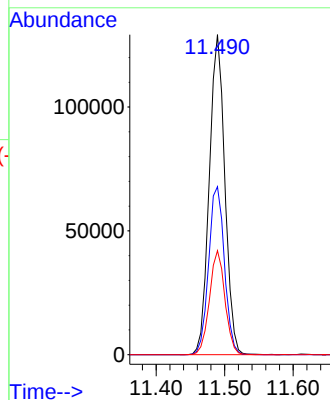
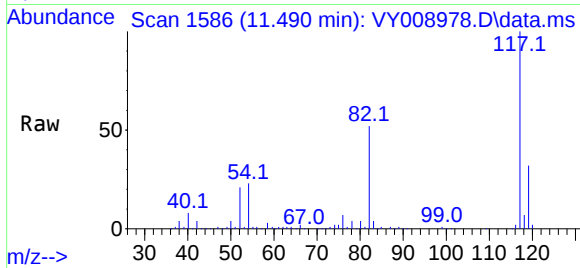




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008978.D
Acq: 22 May 2022 03:51

Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-2430-01

Tgt Ion:117 Resp: 203896
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.5 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: VY008978.D
Acq: 22 May 2022 03:51

Tgt Ion:152 Resp: 90576
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 160.7 0.0 347.6

