

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
 Data File : VD075175.D
 Acq On : 23 Jan 2023 15:00
 Operator : KP/SY
 Sample : 01233-05RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P36BRE

Quant Time: Jan 23 15:24:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	2289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	4728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	4222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	1591	68.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.240%	
35) Dibromofluoromethane	7.805	113	1495	52.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.660%	
50) Toluene-d8	10.275	98	5496	48.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.720%	
62) 4-Bromofluorobenzene	12.569	95	1635	45.797	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.600%	

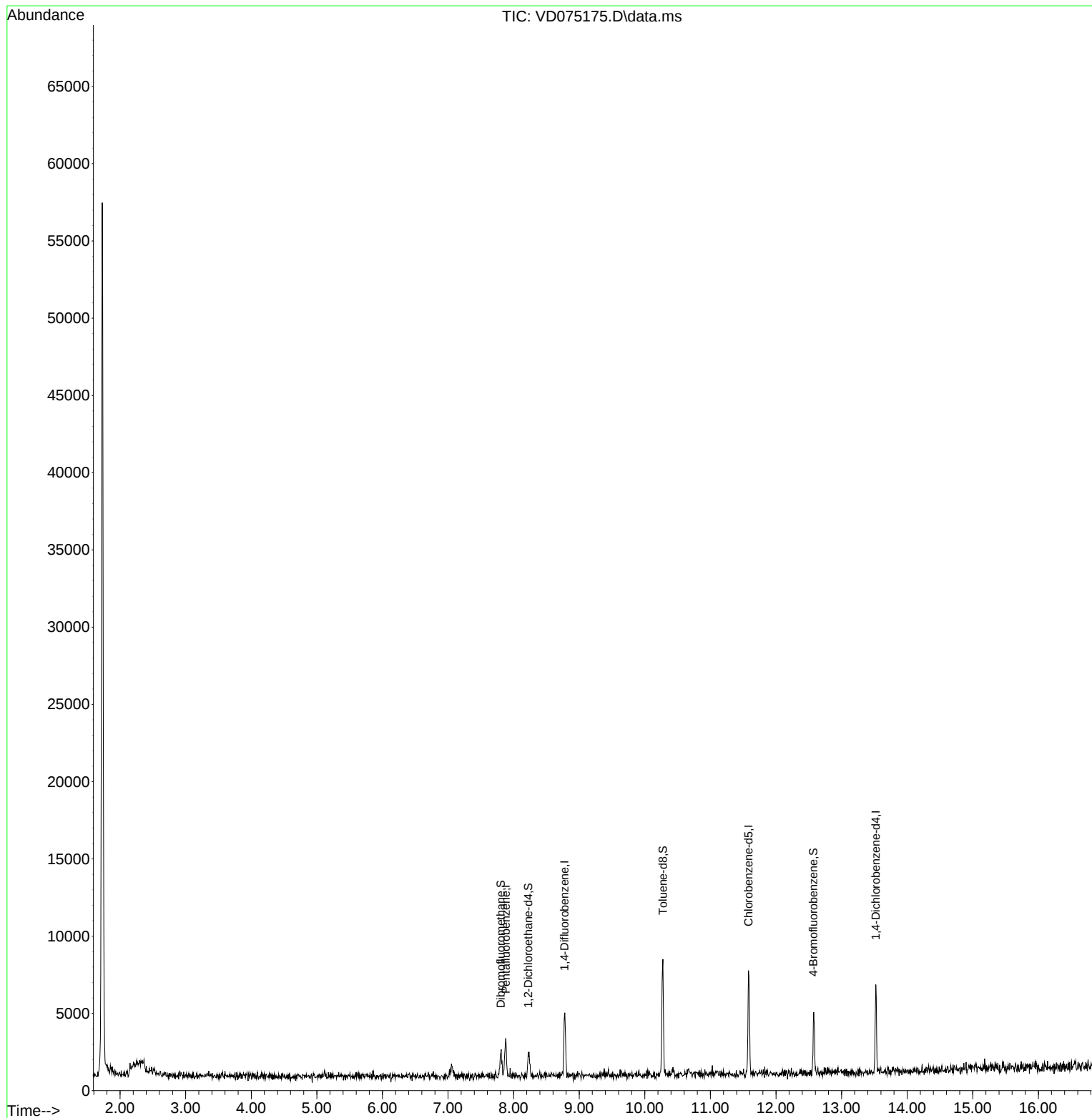
Target Compounds Qvalue

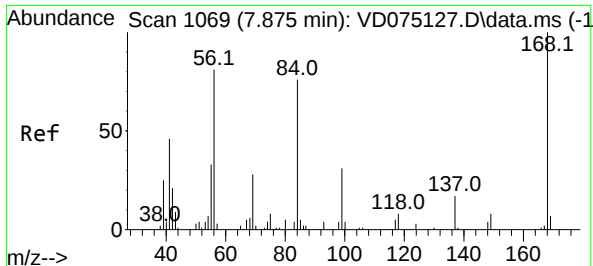
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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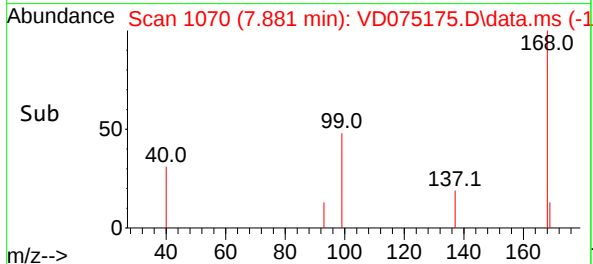
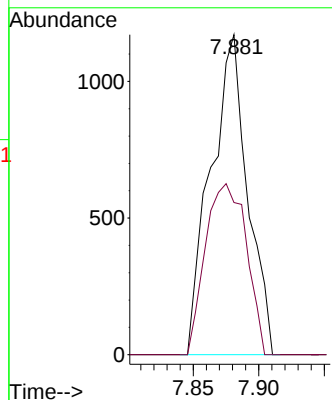
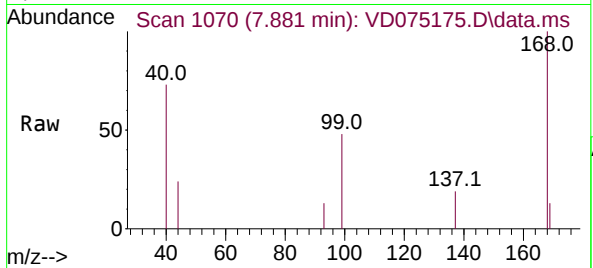




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075175.D
Acq: 23 Jan 2023 15:00

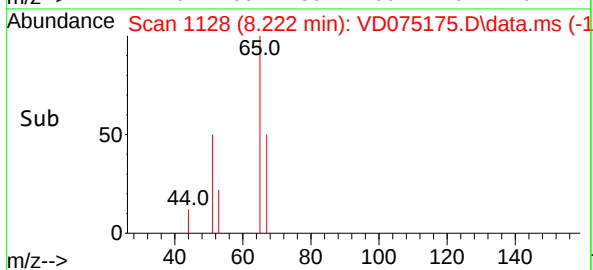
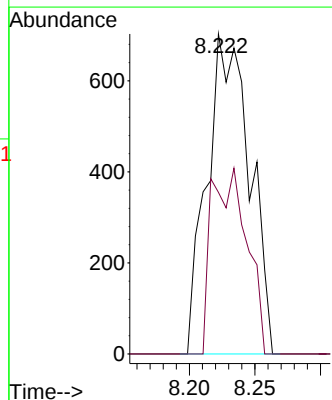
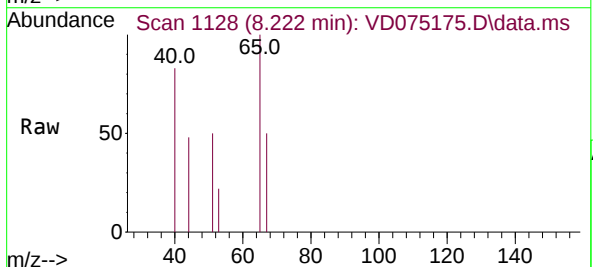
Instrument :
MSVOA_D
ClientSampleId :
B-P36BRE

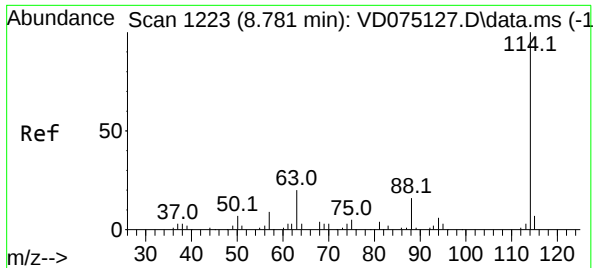
Tgt Ion:168 Resp: 2289
Ion Ratio Lower Upper
168 100
99 47.6 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 68.115 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD075175.D
Acq: 23 Jan 2023 15:00

Tgt Ion: 65 Resp: 1591
Ion Ratio Lower Upper
65 100
67 48.2 0.0 105.2

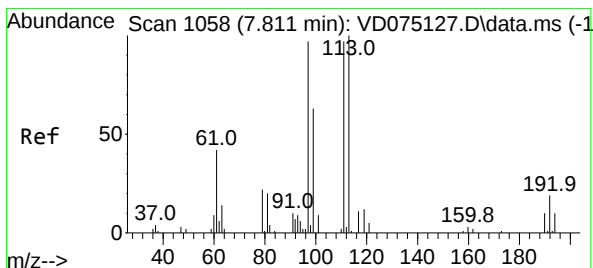
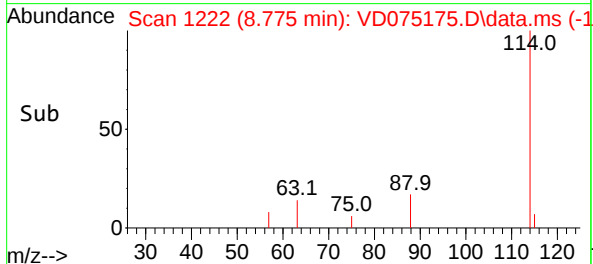
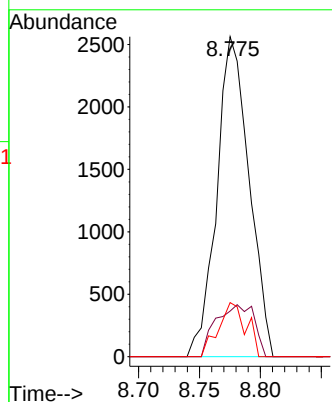
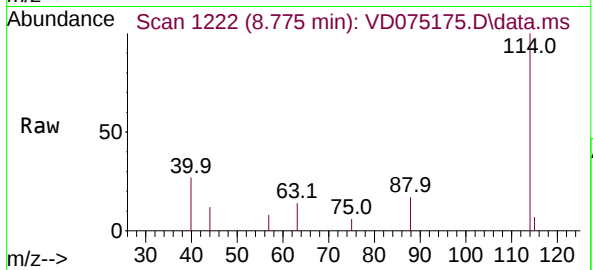




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075175.D
Acq: 23 Jan 2023 15:00

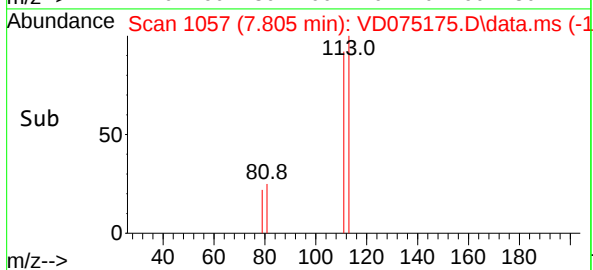
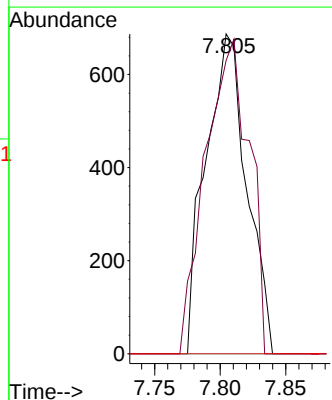
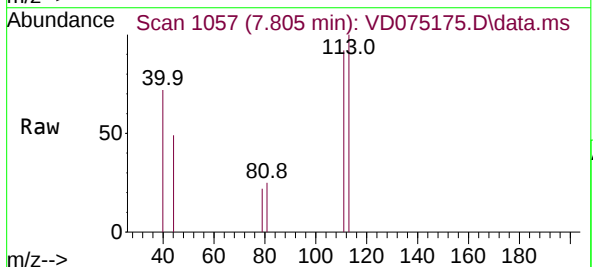
Instrument :
MSVOA_D
ClientSampleId :
B-P36BRE

Tgt Ion:114 Resp: 4728
Ion Ratio Lower Upper
114 100
63 14.2 0.0 40.2
88 16.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 52.328 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075175.D
Acq: 23 Jan 2023 15:00

Tgt Ion:113 Resp: 1495
Ion Ratio Lower Upper
113 100
111 105.1 80.1 120.1
192 0.0 15.4 23.0#

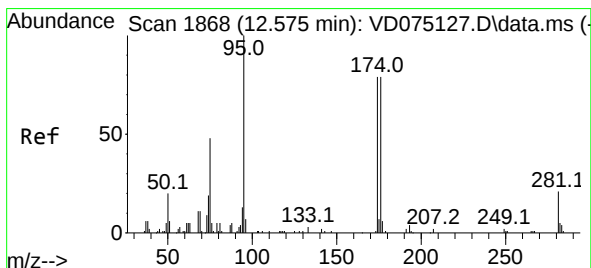
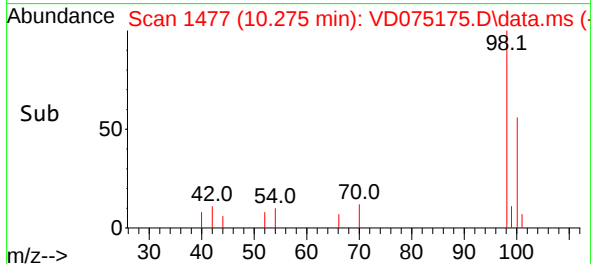
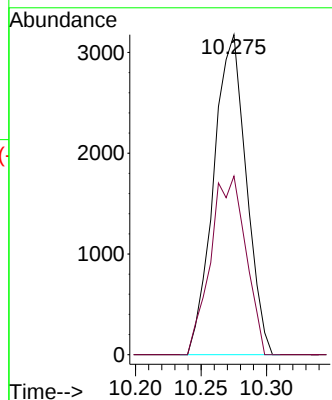
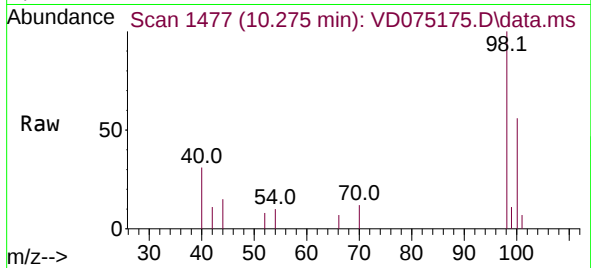




#50
Toluene-d8
Concen: 48.858 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075175.D
Acq: 23 Jan 2023 15:00

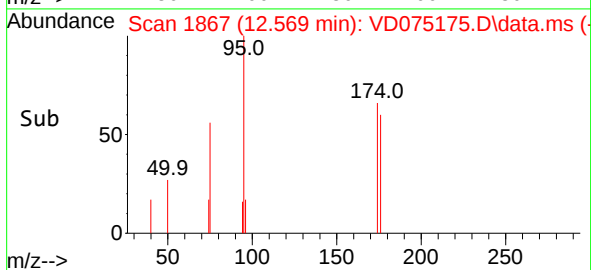
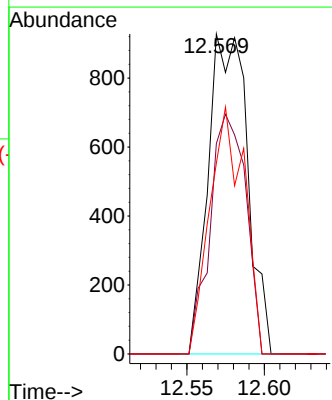
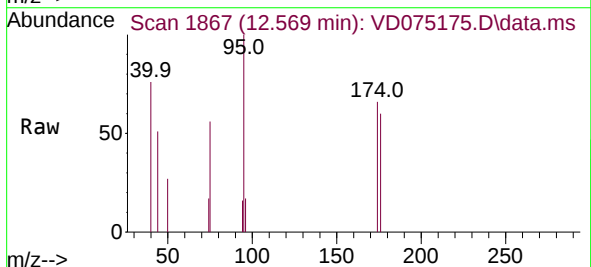
Instrument :
MSVOA_D
ClientSampleId :
B-P36BRE

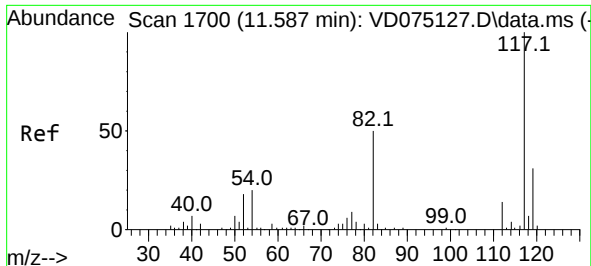
Tgt Ion: 98 Resp: 5496
Ion Ratio Lower Upper
98 100
100 60.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.797 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD075175.D
Acq: 23 Jan 2023 15:00

Tgt Ion: 95 Resp: 1635
Ion Ratio Lower Upper
95 100
174 68.4 0.0 161.2
176 68.3 0.0 160.2

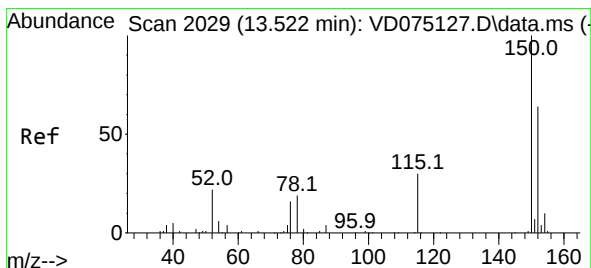
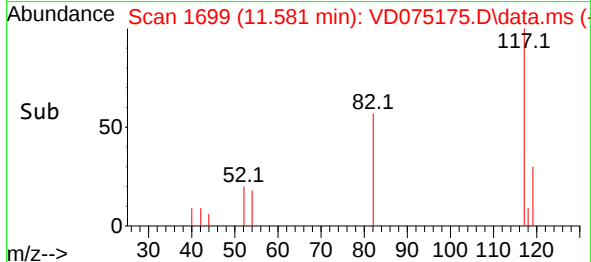
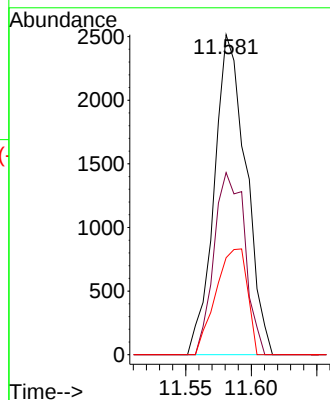
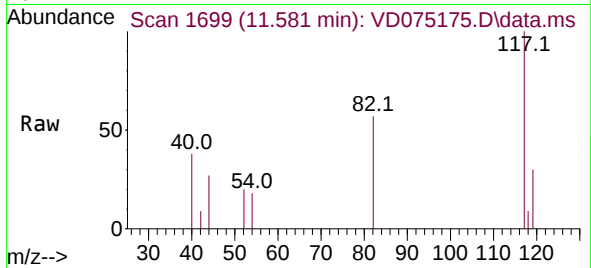




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075175.D
Acq: 23 Jan 2023 15:00

Instrument :
MSVOA_D
ClientSampleId :
B-P36BRE

Tgt Ion:117 Resp: 4222
Ion Ratio Lower Upper
117 100
82 56.9 39.6 59.4
119 30.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075175.D
Acq: 23 Jan 2023 15:00

Tgt Ion:152 Resp: 1552
Ion Ratio Lower Upper
152 100
115 54.8 28.8 86.4
150 175.2 0.0 348.6

