

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
 Data File : VD075178.D
 Acq On : 23 Jan 2023 16:23
 Operator : KP/SY
 Sample : 01233-09RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P38BRE

Quant Time: Jan 23 16:38:56 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	7.875	168	1300	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	2143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	1966	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.528	152	699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	789	59.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.960%	
35) Dibromofluoromethane	7.805	113	625	48.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.520%	
50) Toluene-d8	10.275	98	2894	56.760	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.520%	
62) 4-Bromofluorobenzene	12.575	95	816	50.427	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.860%	

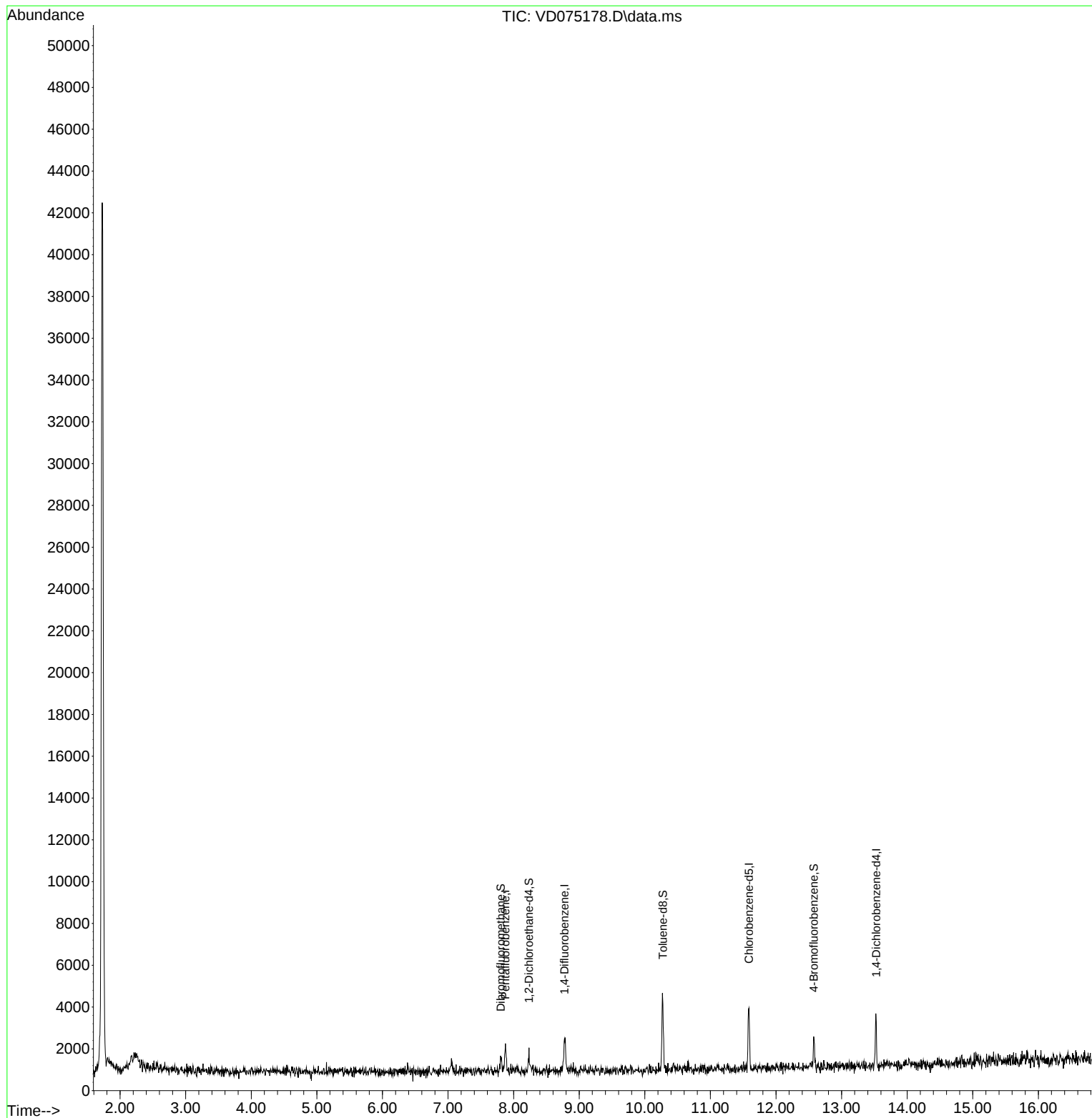
Target Compounds	Qvalue

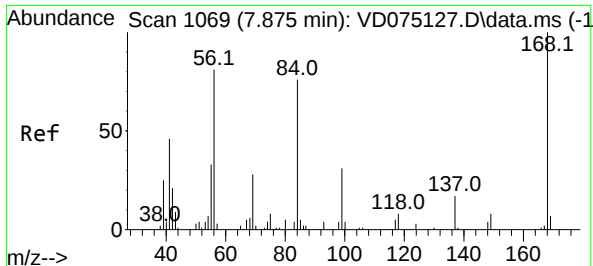
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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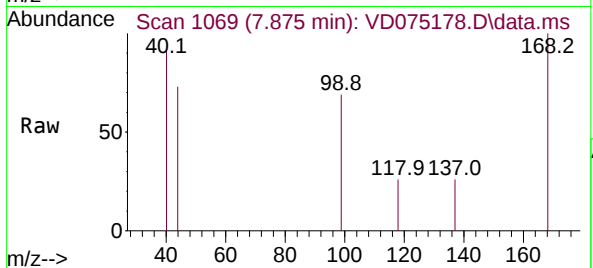
Quant Time: Jan 23 16:38:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
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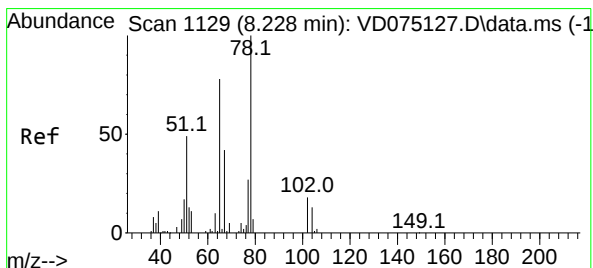
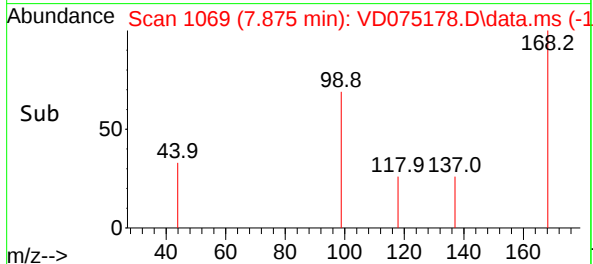
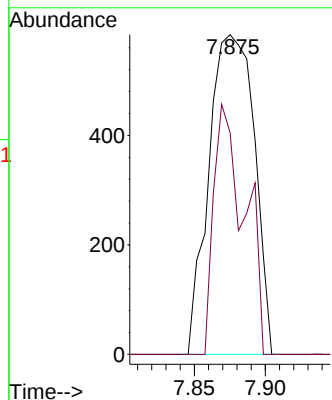


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075178.D
Acq: 23 Jan 2023 16:23

Instrument :
MSVOA_D
ClientSampleId :
B-P38BRE

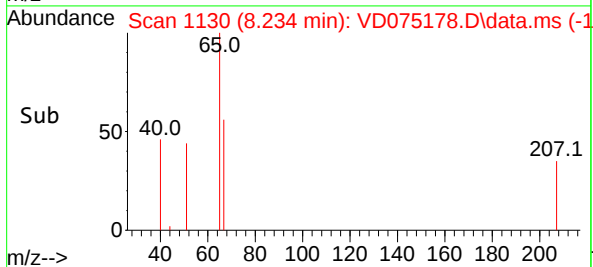
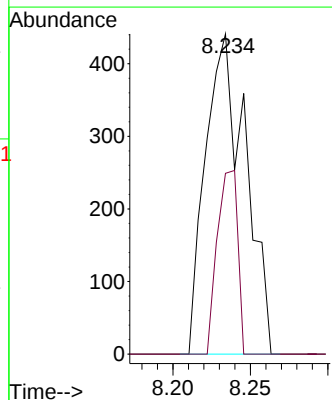
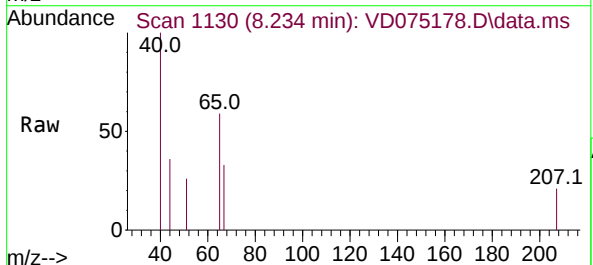


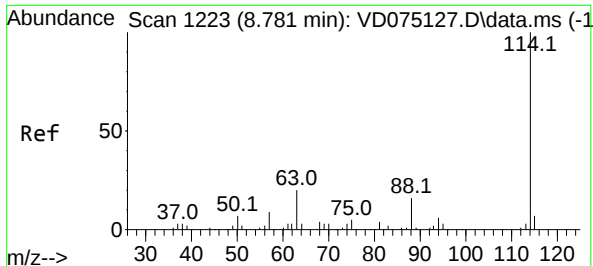
Tgt Ion:168 Resp: 1300
Ion Ratio Lower Upper
168 100
99 69.3 45.2 67.8#



#33
1,2-Dichloroethane-d4
Concen: 59.478 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075178.D
Acq: 23 Jan 2023 16:23

Tgt Ion: 65 Resp: 789
Ion Ratio Lower Upper
65 100
67 29.4 0.0 105.2

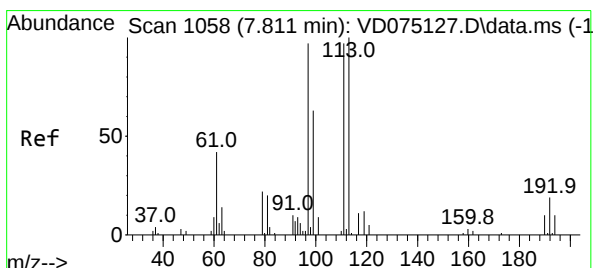
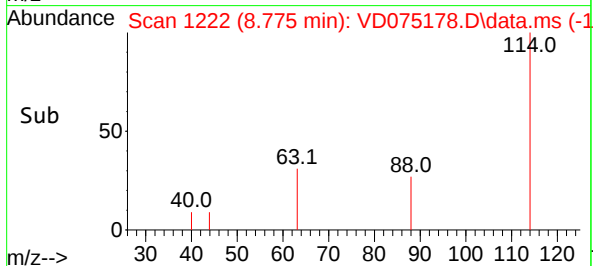
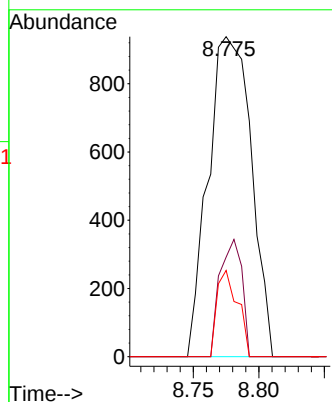
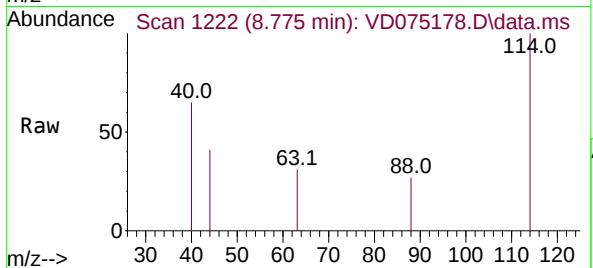




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075178.D
Acq: 23 Jan 2023 16:23

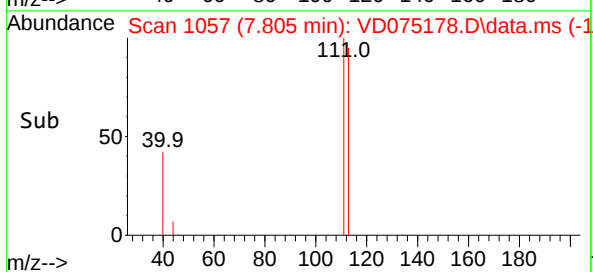
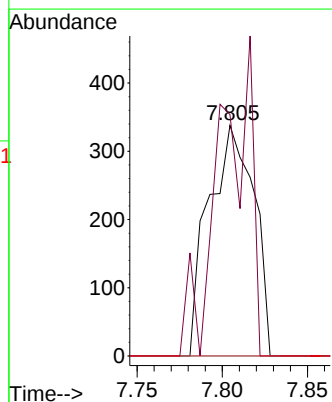
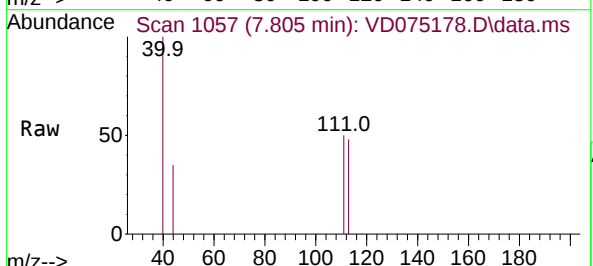
Instrument :
MSVOA_D
ClientSampleId :
B-P38BRE

Tgt Ion:114 Resp: 2143
Ion Ratio Lower Upper
114 100
63 31.1 0.0 40.2
88 27.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 48.265 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075178.D
Acq: 23 Jan 2023 16:23

Tgt Ion:113 Resp: 625
Ion Ratio Lower Upper
113 100
111 97.9 80.1 120.1
192 0.0 15.4 23.0#

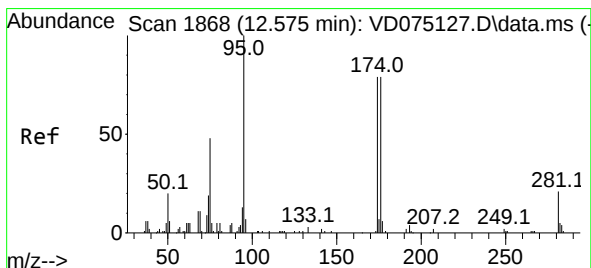
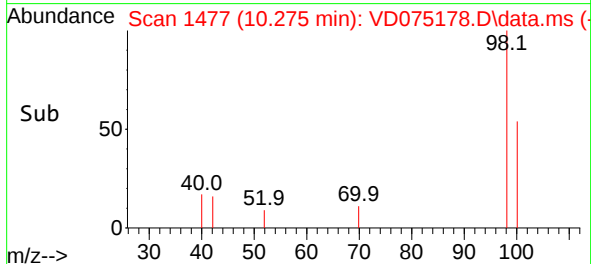
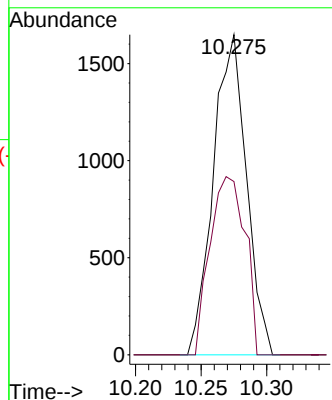
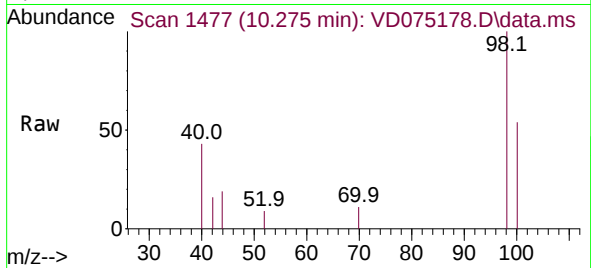




#50
Toluene-d8
Concen: 56.760 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075178.D
Acq: 23 Jan 2023 16:23

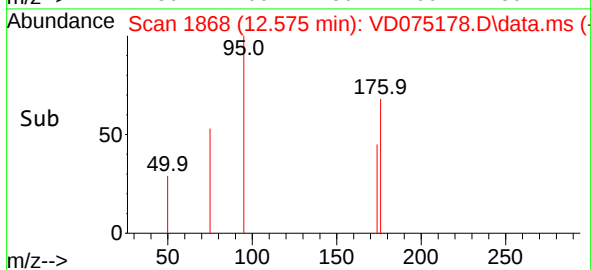
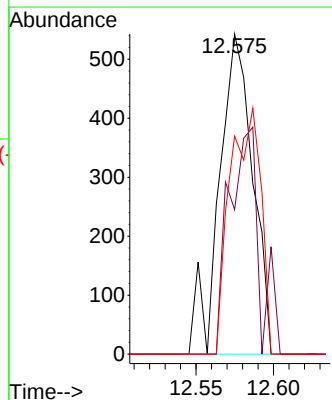
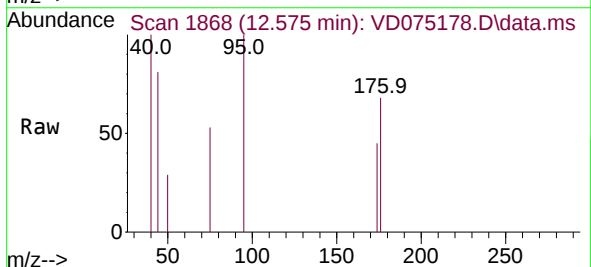
Instrument :
MSVOA_D
ClientSampleId :
B-P38BRE

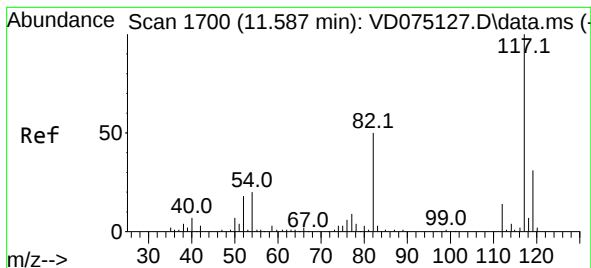
Tgt Ion: 98 Resp: 2894
Ion Ratio Lower Upper
98 100
100 59.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 50.427 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075178.D
Acq: 23 Jan 2023 16:23

Tgt Ion: 95 Resp: 816
Ion Ratio Lower Upper
95 100
174 63.6 0.0 161.2
176 70.6 0.0 160.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075178.D

Acq: 23 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

B-P38BRE

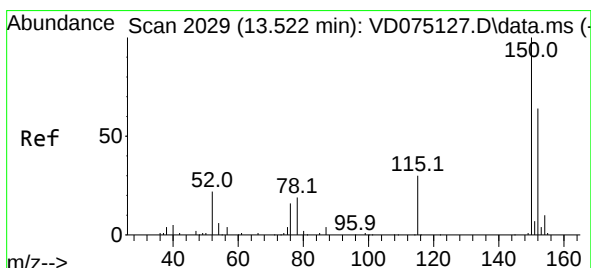
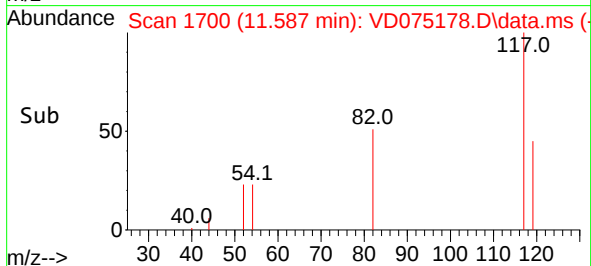
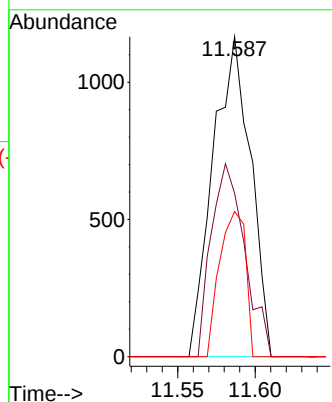
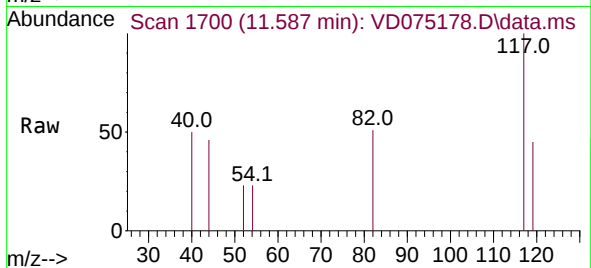
Tgt Ion:117 Resp: 1966

Ion Ratio Lower Upper

117 100

82 51.0 39.6 59.4

119 45.4 24.6 37.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.528 min Scan# 2030

Delta R.T. 0.006 min

Lab File: VD075178.D

Acq: 23 Jan 2023 16:23

Tgt Ion:152 Resp: 699

Ion Ratio Lower Upper

152 100

115 65.4 28.8 86.4

150 188.8 0.0 348.6

