

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
 Data File : VD075313.D
 Acq On : 10 Feb 2023 16:30
 Operator : KP/SY
 Sample : 01526-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-021023

Quant Time: Feb 10 23:41:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	14707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	25126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	27864	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	13818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	11397	66.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.180%	
35) Dibromofluoromethane	7.810	113	9464	53.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.440%	
50) Toluene-d8	10.269	98	32145	48.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.220%	
62) 4-Bromofluorobenzene	12.575	95	12345	56.034	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.060%	

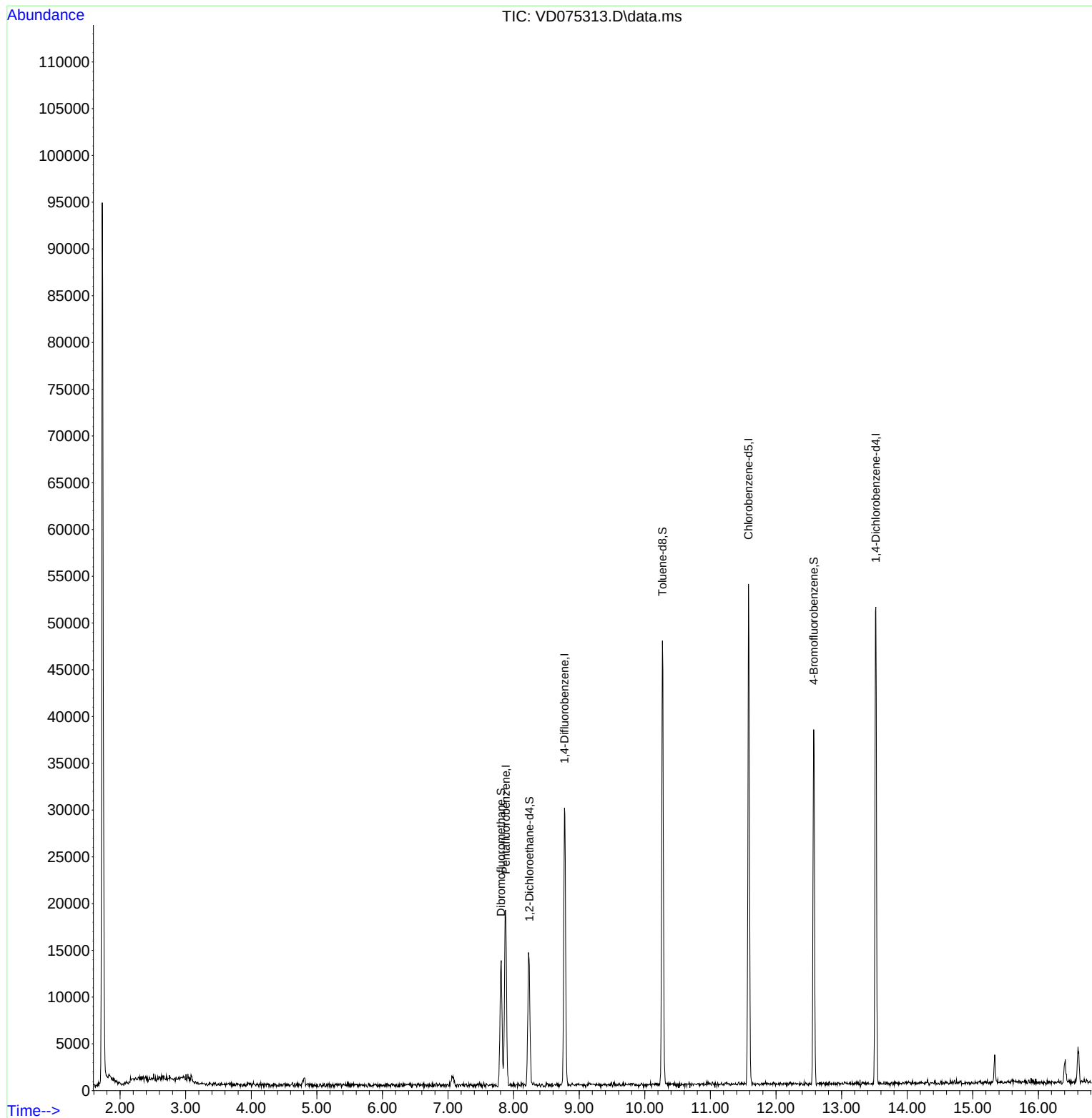
Target Compounds	Qvalue

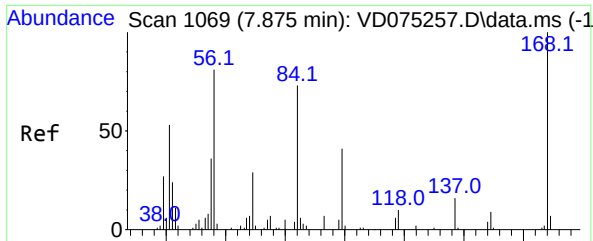
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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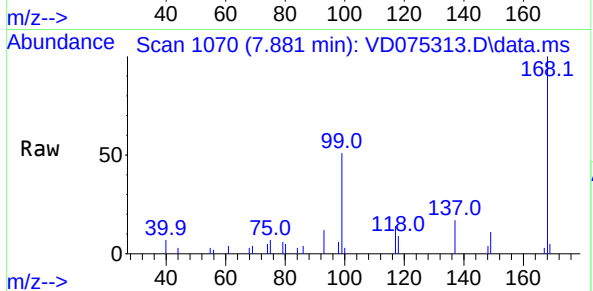
Quant Time: Feb 10 23:41:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
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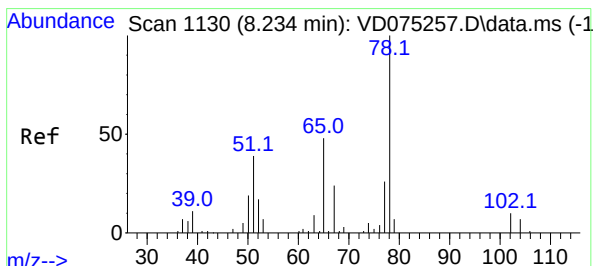
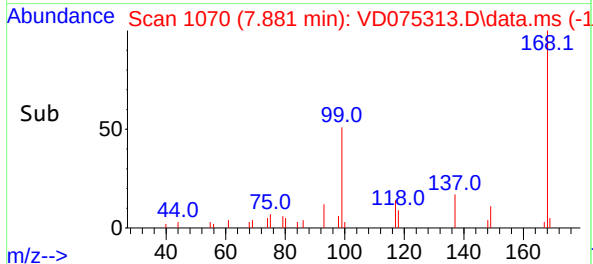
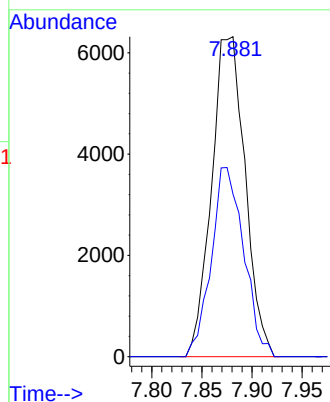


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075313.D
Acq: 10 Feb 2023 16:30

Instrument :
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ClientSampleId :
PL-01-021023

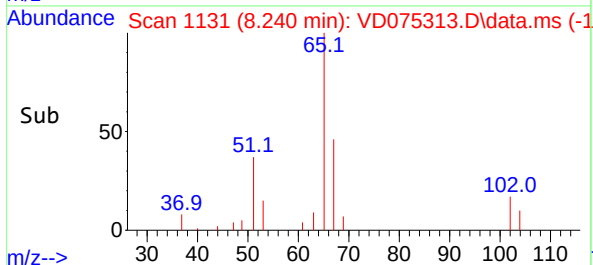
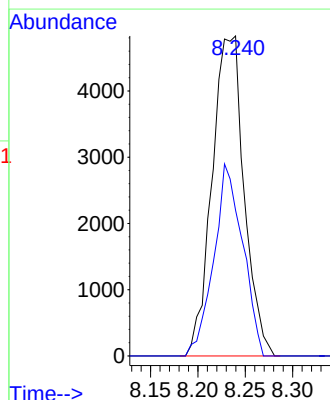
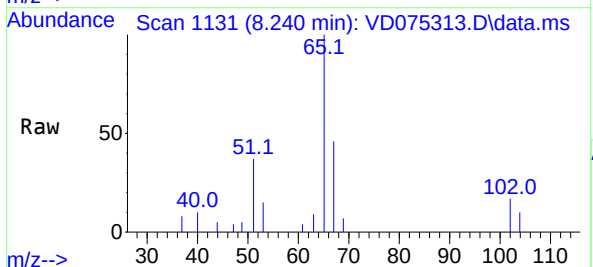


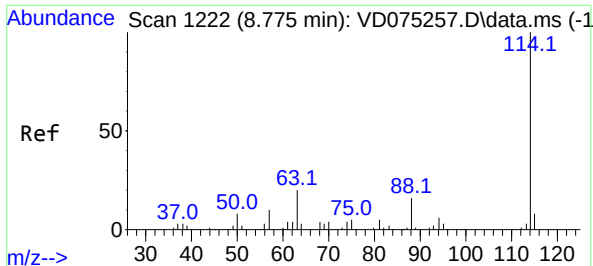
Tgt Ion:168 Resp: 14707
Ion Ratio Lower Upper
168 100
99 50.8 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 66.088 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VD075313.D
Acq: 10 Feb 2023 16:30

Tgt Ion: 65 Resp: 11397
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075313.D

Acq: 10 Feb 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :

PL-01-021023

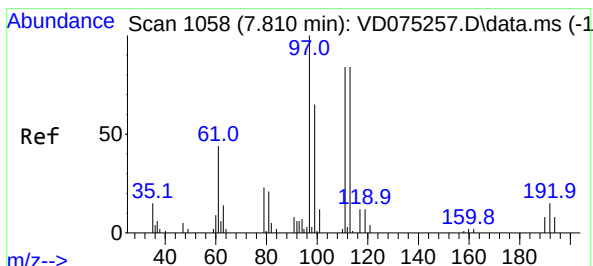
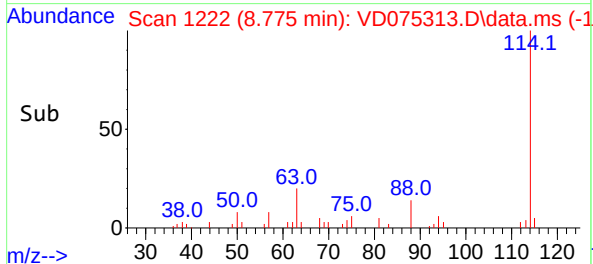
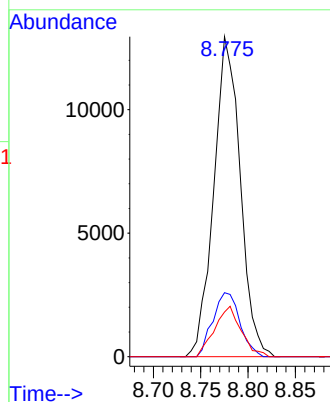
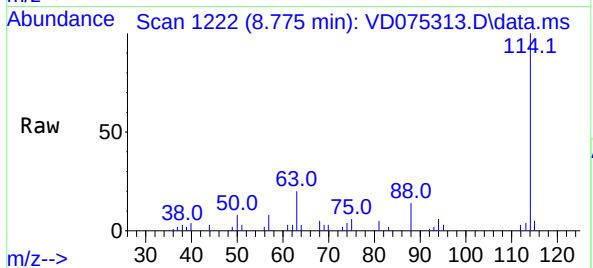
Tgt Ion:114 Resp: 25126

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 14.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.717 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075313.D

Acq: 10 Feb 2023 16:30

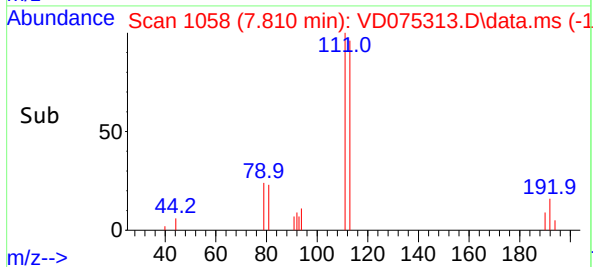
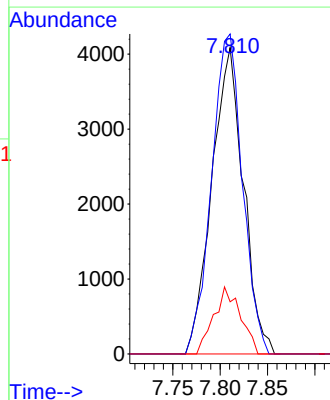
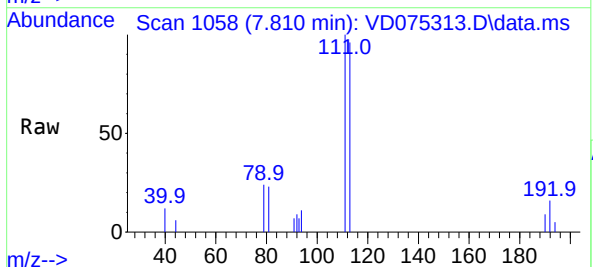
Tgt Ion:113 Resp: 9464

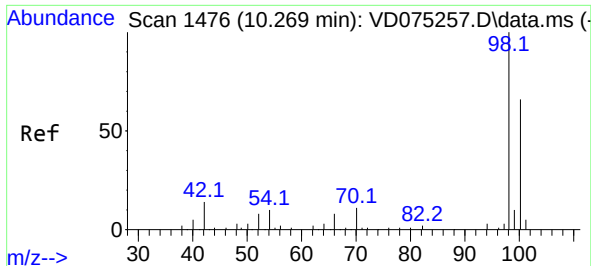
Ion Ratio Lower Upper

113 100

111 102.3 80.1 120.1

192 18.5 15.4 23.0

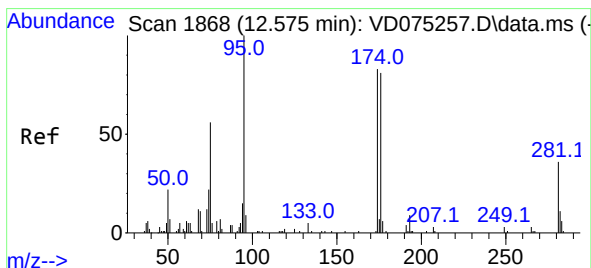
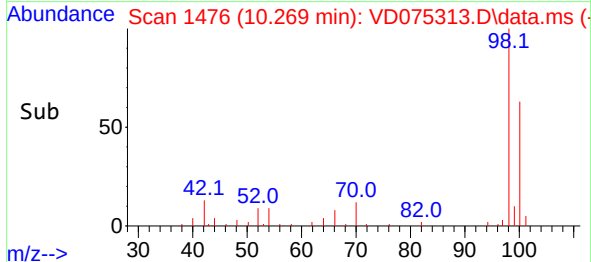
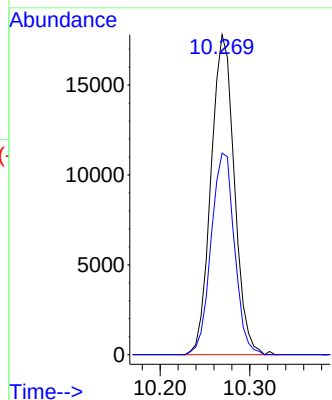
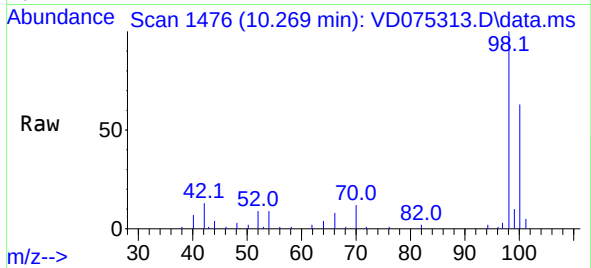




#50
Toluene-d8
Concen: 48.110 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075313.D
Acq: 10 Feb 2023 16:30

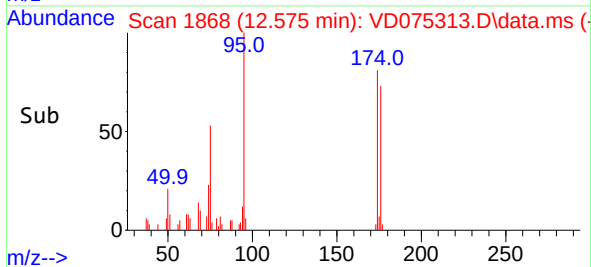
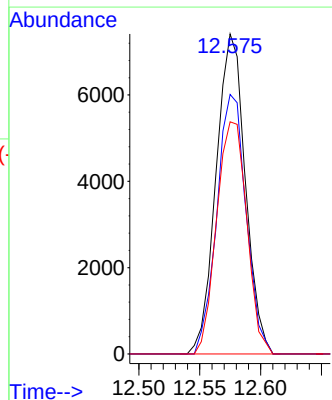
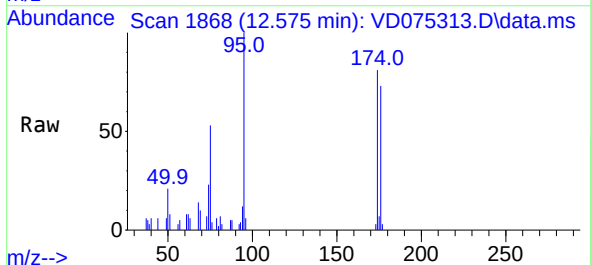
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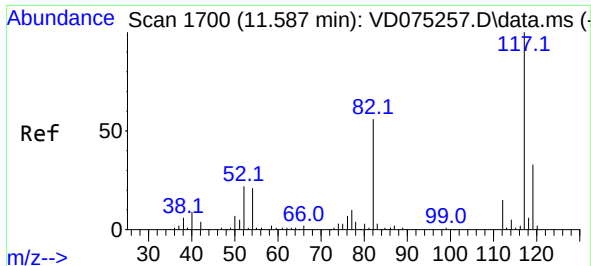
Tgt Ion: 98 Resp: 32145
Ion Ratio Lower Upper
98 100
100 63.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 56.034 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075313.D
Acq: 10 Feb 2023 16:30

Tgt Ion: 95 Resp: 12345
Ion Ratio Lower Upper
95 100
174 81.3 0.0 161.2
176 74.9 0.0 160.2

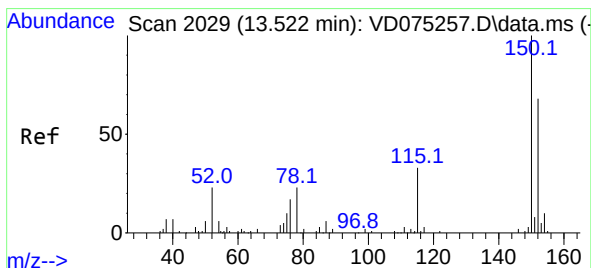
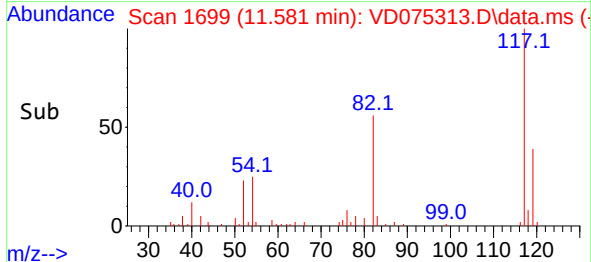
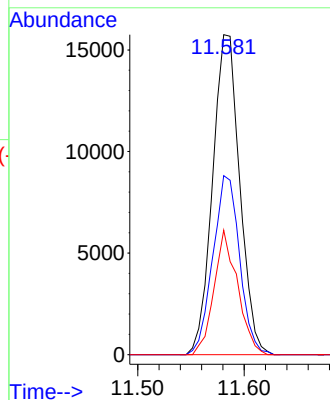
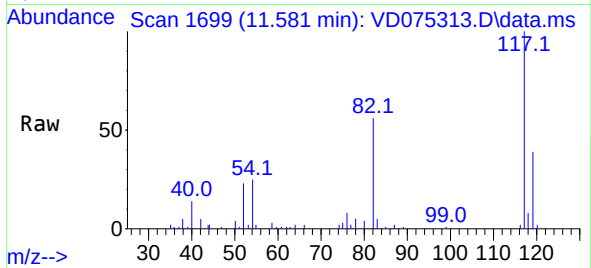




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075313.D
Acq: 10 Feb 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :
PL-01-021023

Tgt Ion:117 Resp: 27864
Ion Ratio Lower Upper
117 100
82 55.9 39.6 59.4
119 38.9 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: VD075313.D
Acq: 10 Feb 2023 16:30

Tgt Ion:152 Resp: 13818
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.4
150 154.2 0.0 348.6

