

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
 Data File : VD075309.D
 Acq On : 10 Feb 2023 14:38
 Operator : KP/SY
 Sample : 01508-07
 Misc : 3.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PA-1

Quant Time: Feb 10 23:39:38 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	7.875	168	71400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	122421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	122533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	56714	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	34075	40.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.400%
35) Dibromofluoromethane	7.805	113	36514	42.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.080%
50) Toluene-d8	10.269	98	149243	45.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.680%
62) 4-Bromofluorobenzene	12.575	95	51032	47.541	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.080%

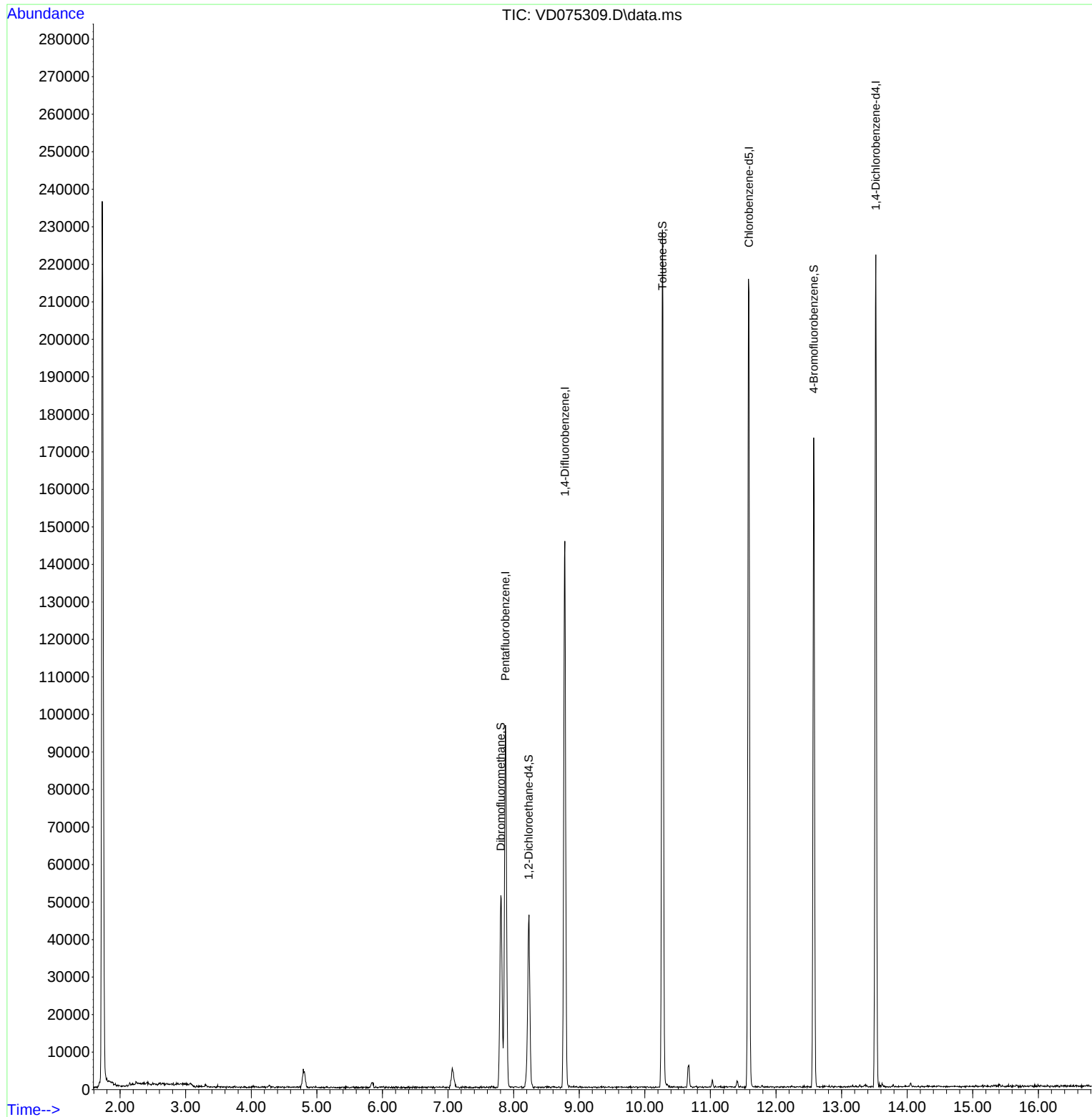
Target Compounds	Qvalue

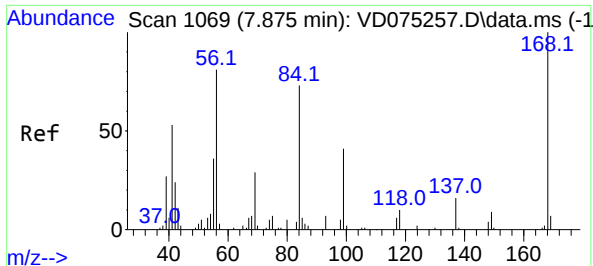
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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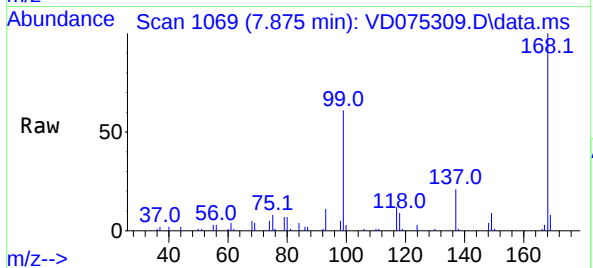
Quant Time: Feb 10 23:39:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
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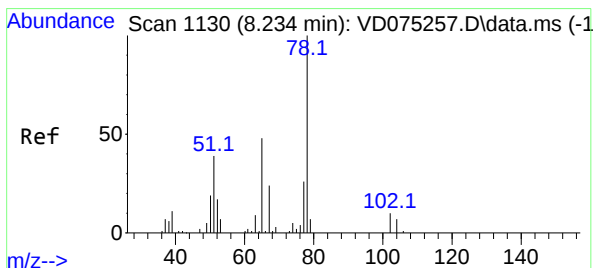
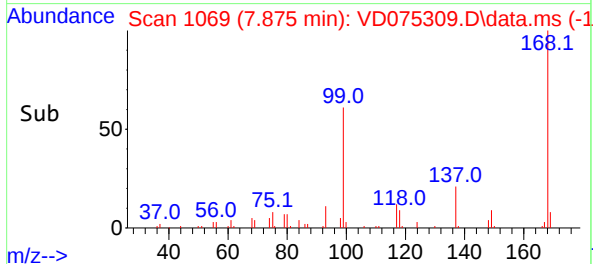
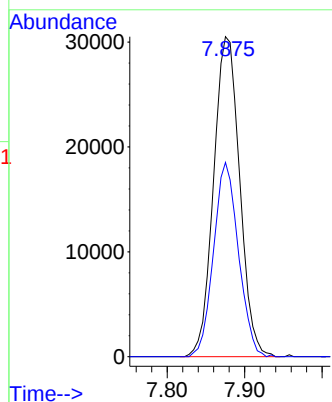


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

Instrument :
MSVOA_D
ClientSampleId :
PA-1

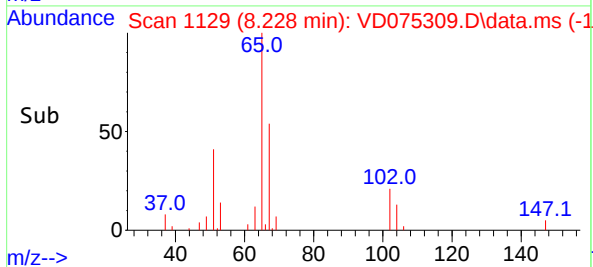
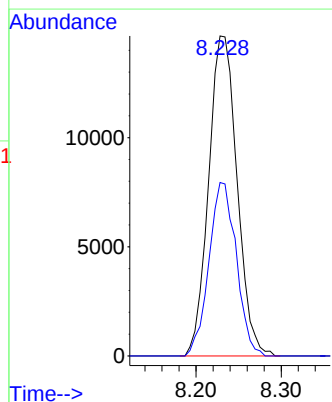
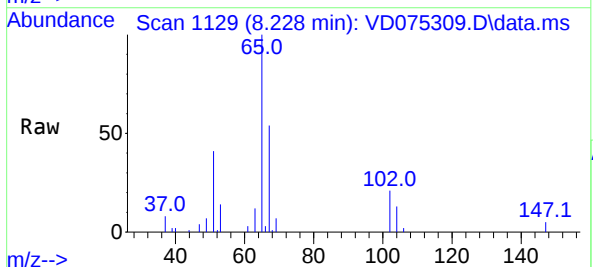


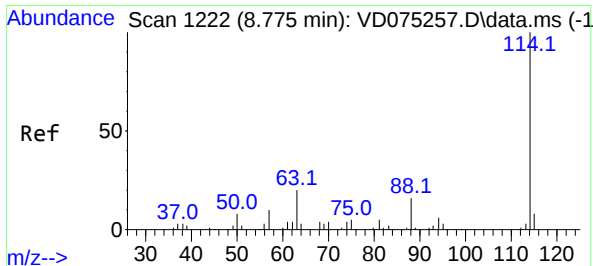
Tgt Ion:168 Resp: 71400
Ion Ratio Lower Upper
168 100
99 60.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 40.700 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

Tgt Ion: 65 Resp: 34075
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075309.D

Acq: 10 Feb 2023 14:38

Instrument :

MSVOA_D

ClientSampleId :

PA-1

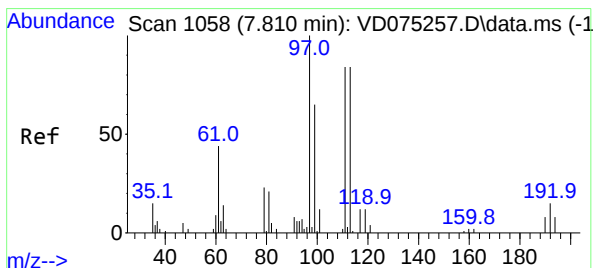
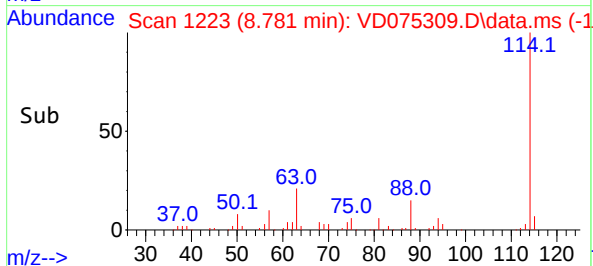
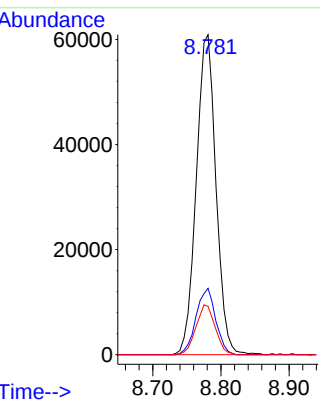
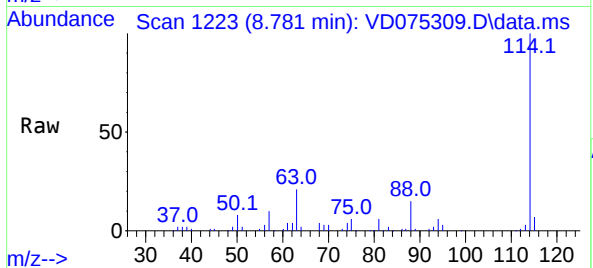
Tgt Ion:114 Resp: 122421

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 42.537 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075309.D

Acq: 10 Feb 2023 14:38

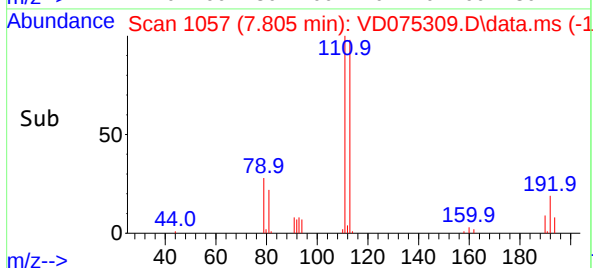
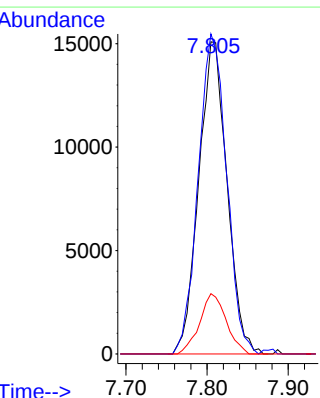
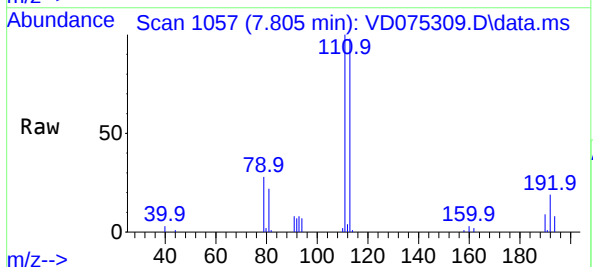
Tgt Ion:113 Resp: 36514

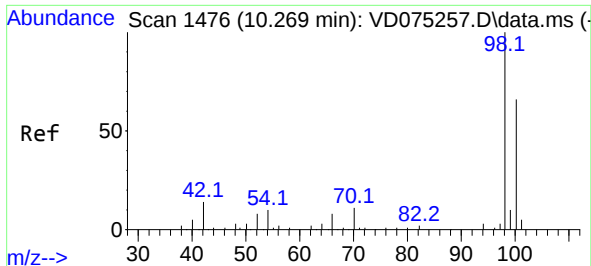
Ion Ratio Lower Upper

113 100

111 102.8 80.1 120.1

192 18.2 15.4 23.0

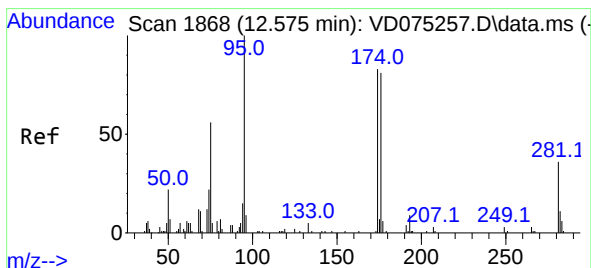
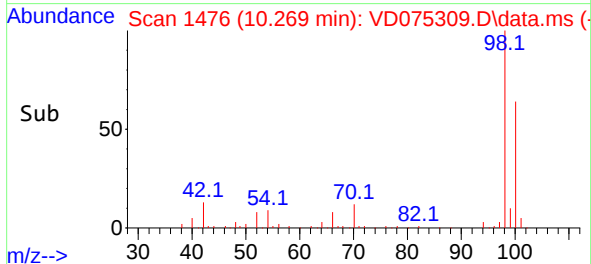
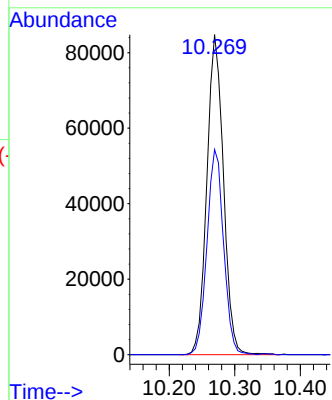
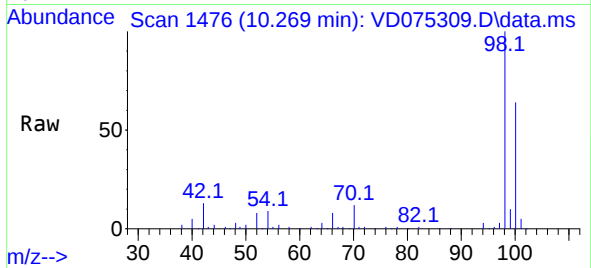




#50
Toluene-d8
Concen: 45.845 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

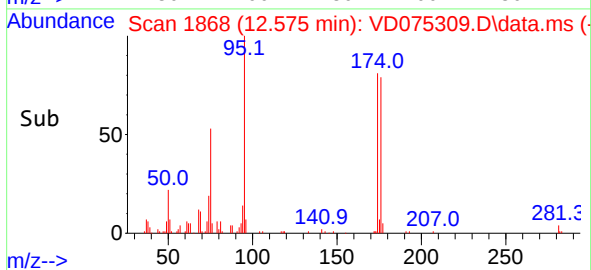
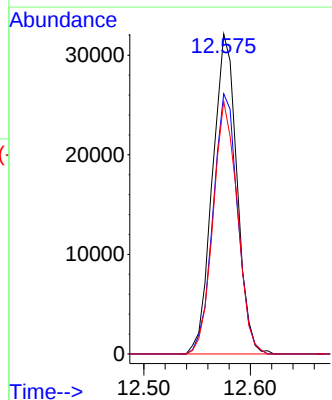
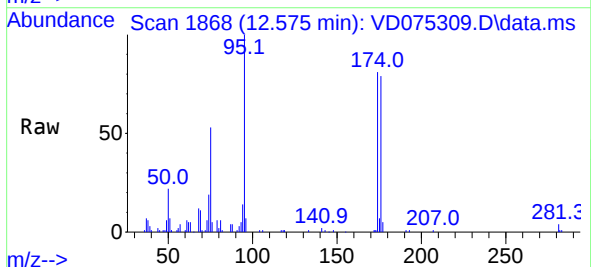
Instrument :
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ClientSampleId :
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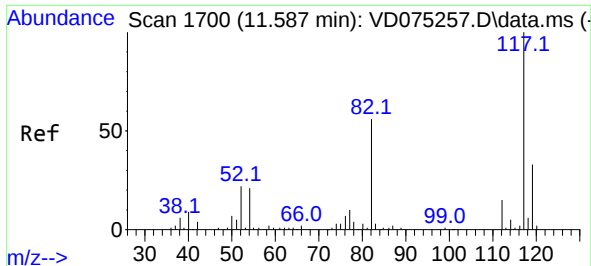
Tgt Ion: 98 Resp: 149243
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.541 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

Tgt Ion: 95 Resp: 51032
Ion Ratio Lower Upper
95 100
174 82.0 0.0 161.2
176 78.5 0.0 160.2

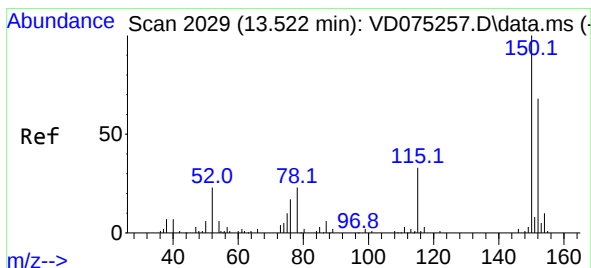
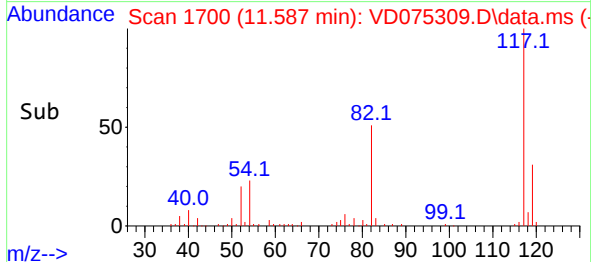
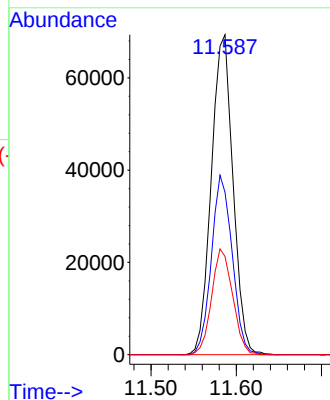
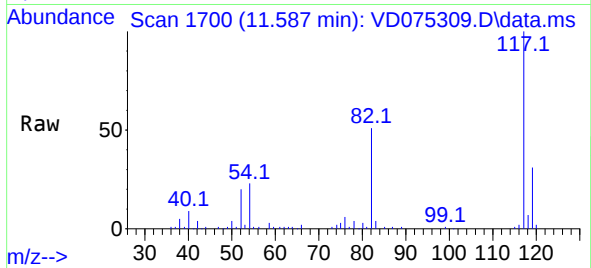




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

Instrument :
MSVOA_D
ClientSampleId :
PA-1

Tgt Ion:117 Resp: 122533
Ion Ratio Lower Upper
117 100
82 50.8 39.6 59.4
119 30.7 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: VD075309.D
Acq: 10 Feb 2023 14:38

Tgt Ion:152 Resp: 56714
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.4
150 154.9 0.0 348.6

