

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075334.D
 Acq On : 14 Feb 2023 10:59
 Operator : KP/SY
 Sample : VD0214SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBL01

Quant Time: Feb 15 03:28:48 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	64957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	113312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	115620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	55148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32365	42.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.980%
35) Dibromofluoromethane	7.804	113	36222	45.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.180%
50) Toluene-d8	10.269	98	142593	47.323	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.640%
62) 4-Bromofluorobenzene	12.575	95	49338	49.658	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.320%

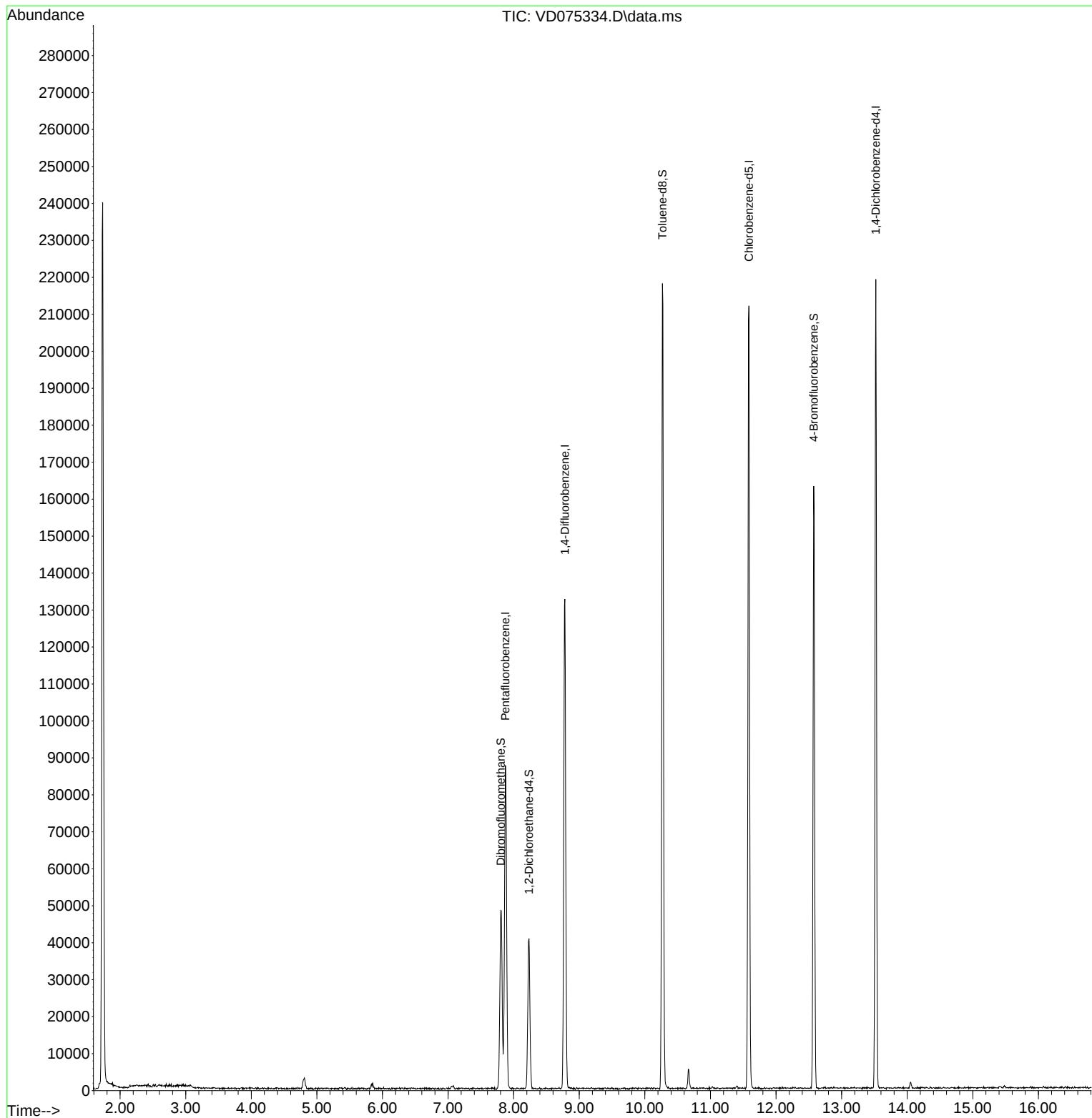
Target Compounds	Qvalue

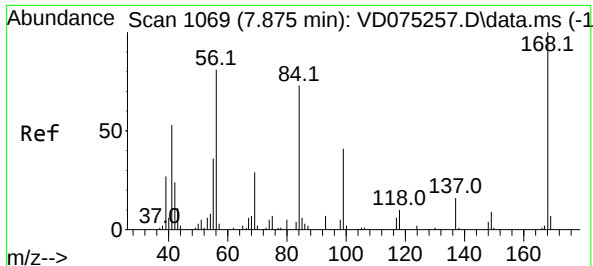
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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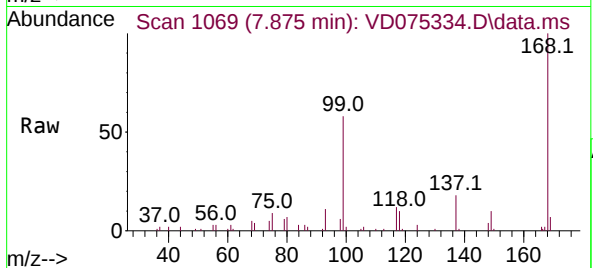
Quant Time: Feb 15 03:28:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
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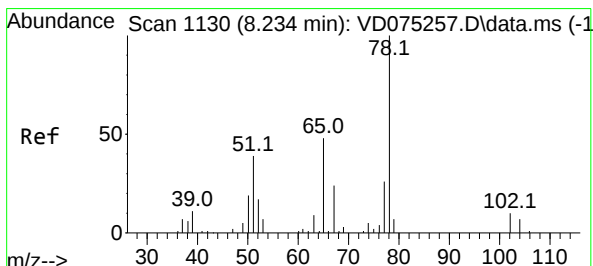
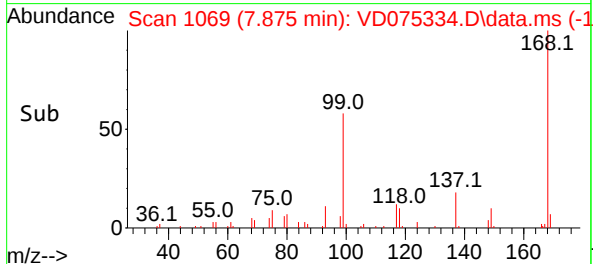
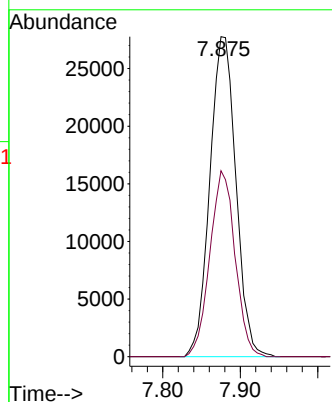


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075334.D
Acq: 14 Feb 2023 10:59

Instrument :
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ClientSampleId :
VD0214SBL01

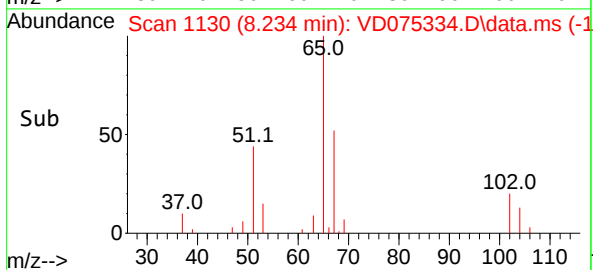
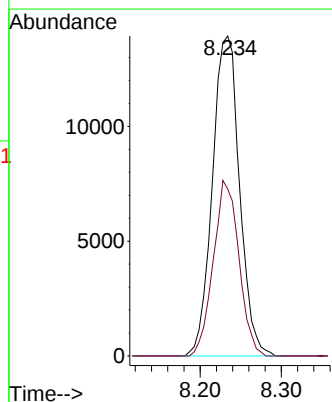
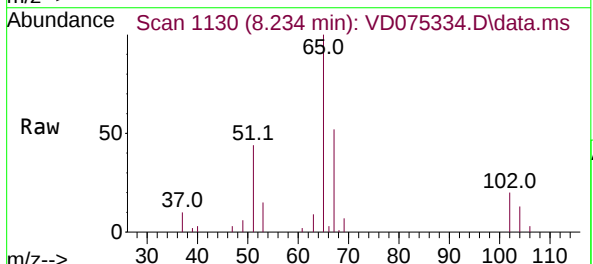


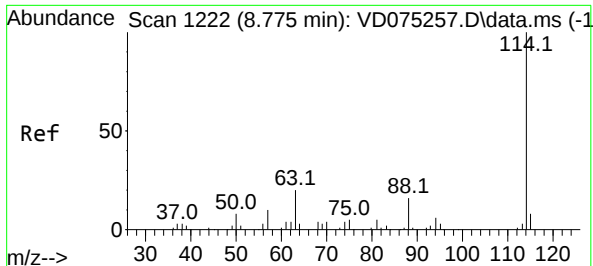
Tgt Ion:168 Resp: 64957
Ion Ratio Lower Upper
168 100
99 58.1 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 42.492 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075334.D
Acq: 14 Feb 2023 10:59

Tgt Ion: 65 Resp: 32365
Ion Ratio Lower Upper
65 100
67 51.7 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: VD075334.D

Acq: 14 Feb 2023 10:59

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBL01

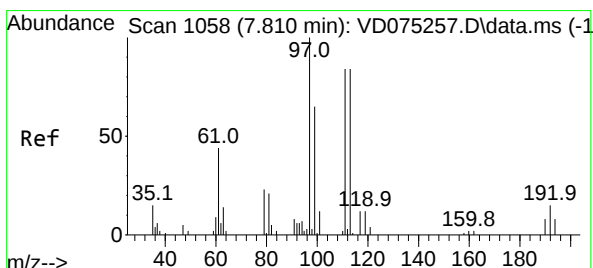
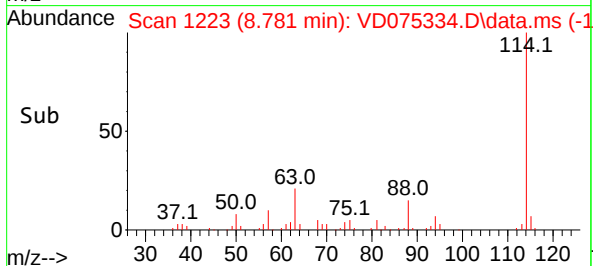
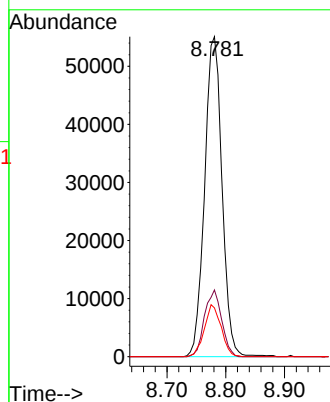
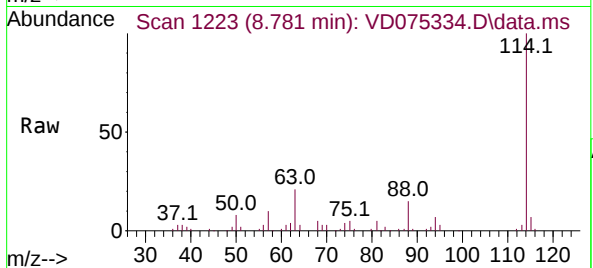
Tgt Ion:114 Resp: 113312

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.589 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075334.D

Acq: 14 Feb 2023 10:59

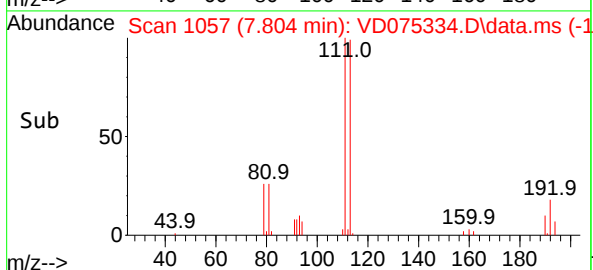
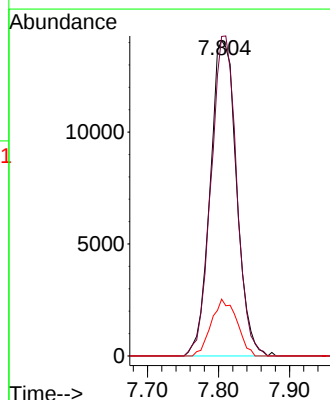
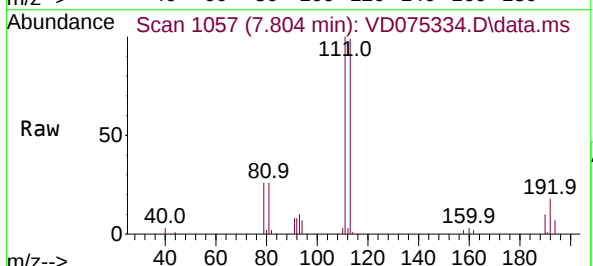
Tgt Ion:113 Resp: 36222

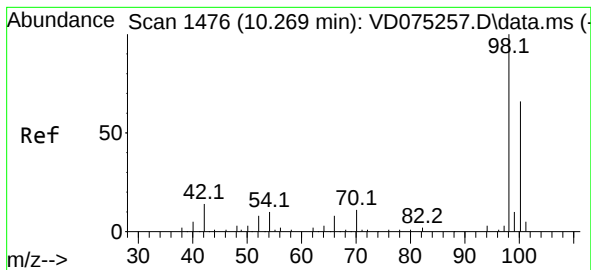
Ion Ratio Lower Upper

113 100

111 98.2 80.1 120.1

192 17.5 15.4 23.0

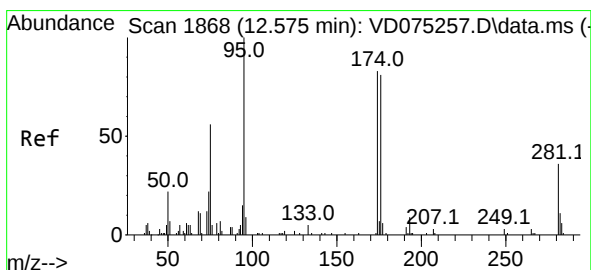
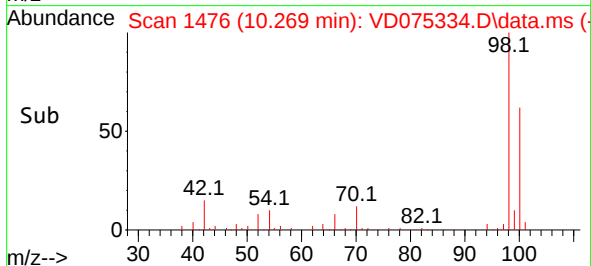
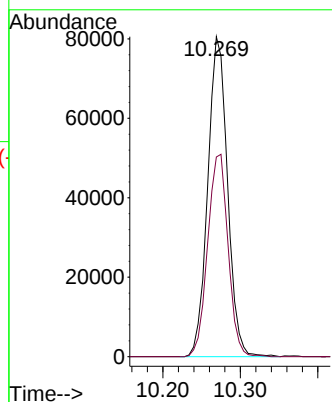
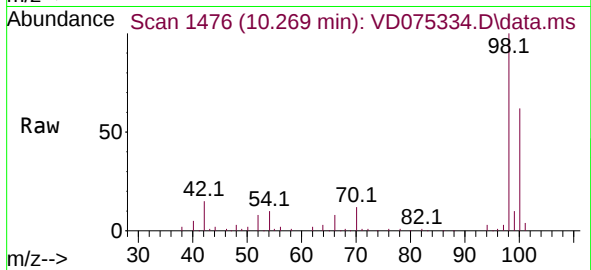




#50
Toluene-d8
Concen: 47.323 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075334.D
Acq: 14 Feb 2023 10:59

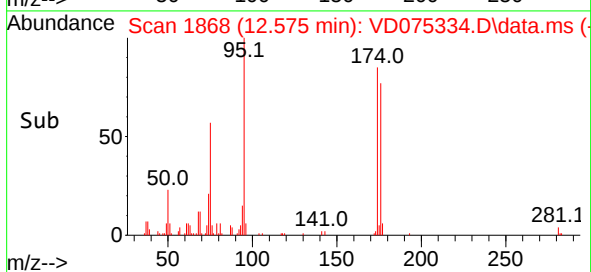
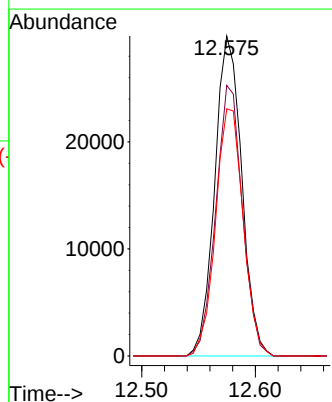
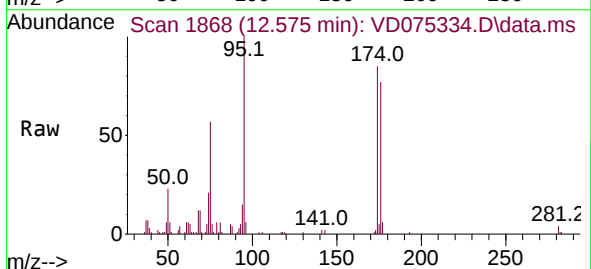
Instrument :
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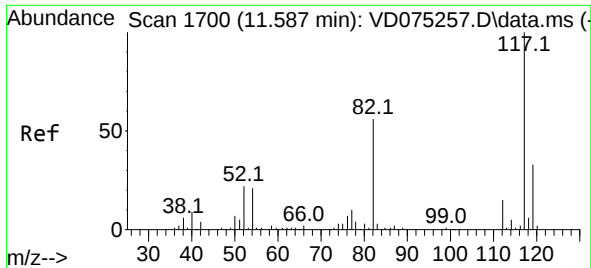
Tgt Ion: 98 Resp: 142593
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.658 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075334.D
Acq: 14 Feb 2023 10:59

Tgt Ion: 95 Resp: 49338
Ion Ratio Lower Upper
95 100
174 83.5 0.0 161.2
176 79.1 0.0 160.2

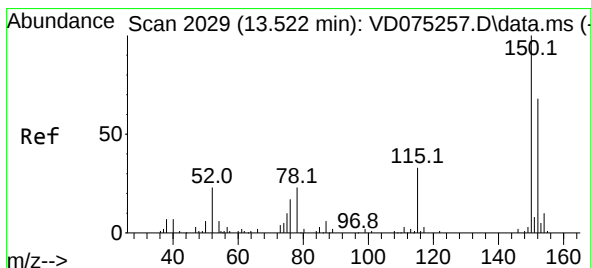
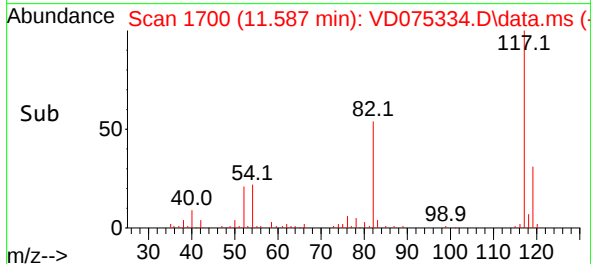
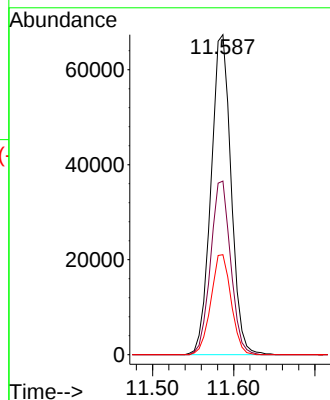
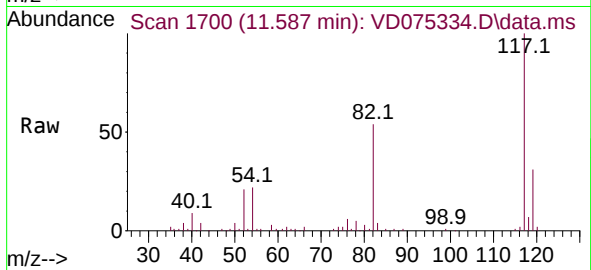




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075334.D
Acq: 14 Feb 2023 10:59

Instrument :
MSVOA_D
ClientSampleId :
VD0214SBL01

Tgt Ion:117 Resp: 115620
Ion Ratio Lower Upper
117 100
82 54.2 39.6 59.4
119 31.3 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: VD075334.D
Acq: 14 Feb 2023 10:59

Tgt Ion:152 Resp: 55148
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.4
150 153.5 0.0 348.6

