

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
 Data File : VD075350.D
 Acq On : 17 Feb 2023 10:35
 Operator : KP/SY
 Sample : VD0217SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0217SBL01

Quant Time: Feb 18 01:03:47 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	70176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	119793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	121476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	56806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	33551	40.773	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.540%
35) Dibromofluoromethane	7.804	113	37016	44.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.140%
50) Toluene-d8	10.269	98	148961	46.762	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.575	95	51957	49.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.920%

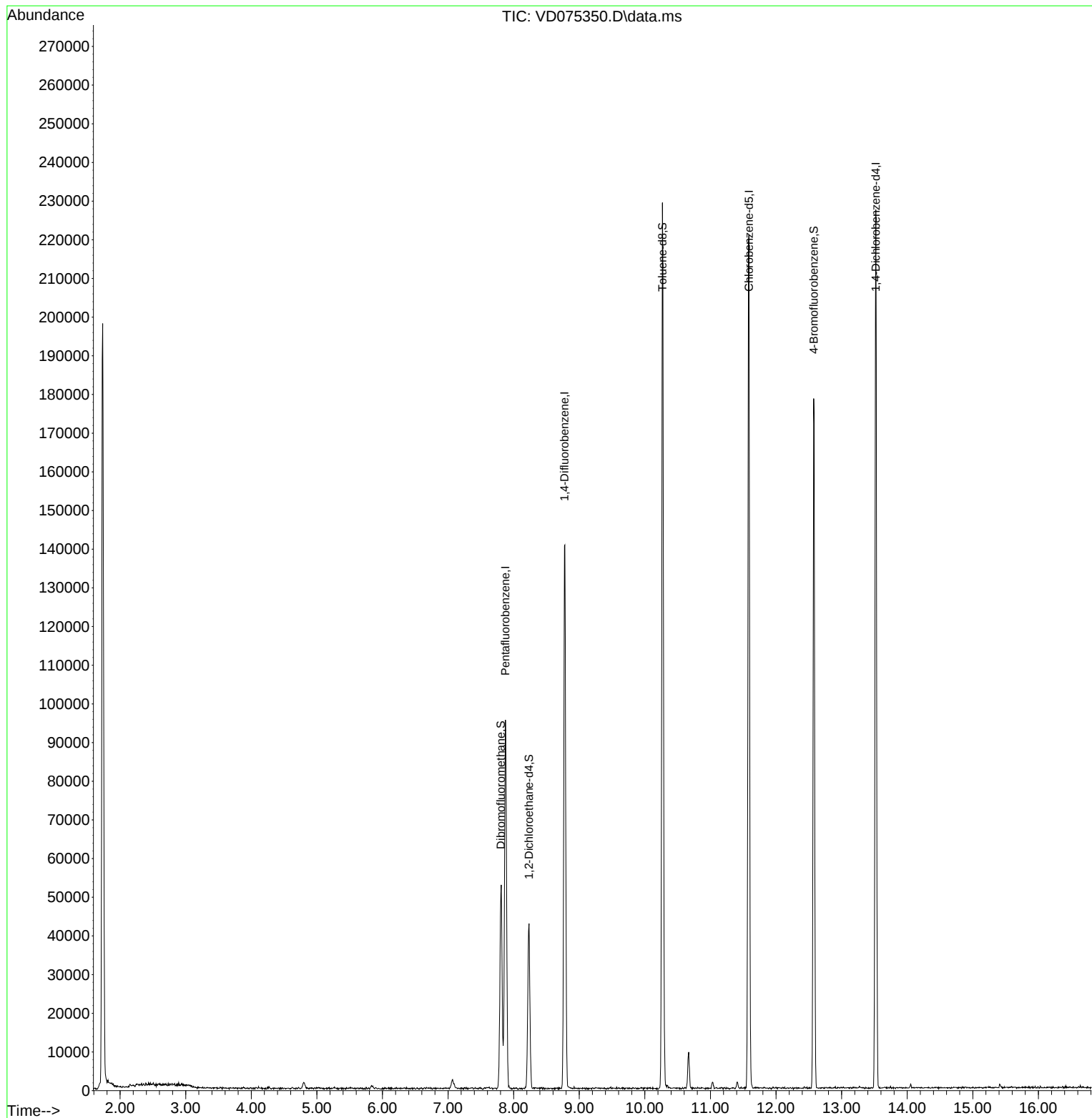
Target Compounds	Qvalue

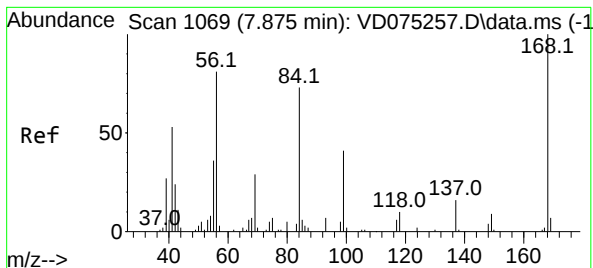
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

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Instrument :

MSVOA_D

ClientSampleId :

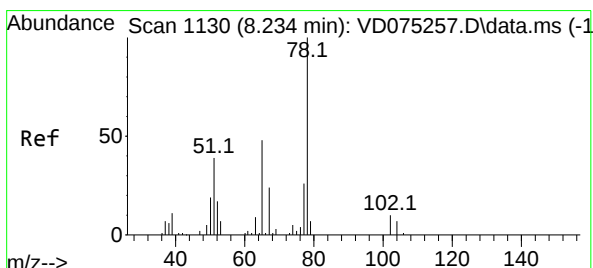
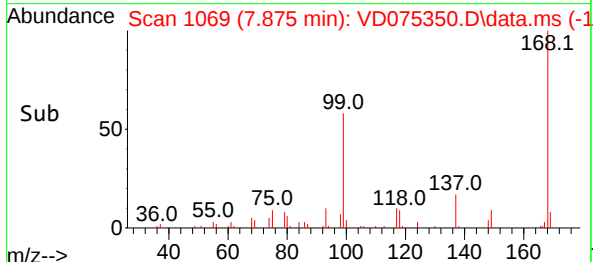
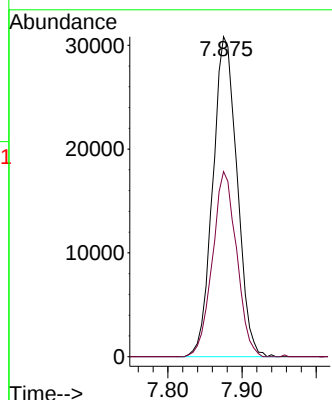
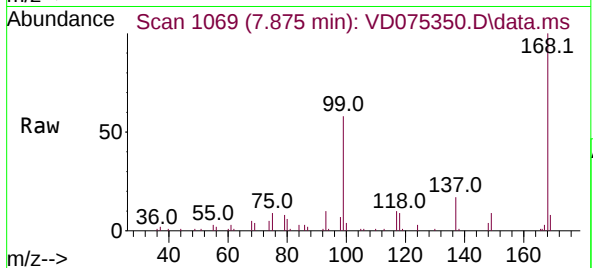
VD0217SBL01

Tgt Ion:168 Resp: 70176

Ion Ratio Lower Upper

168 100

99 57.8 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 40.773 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075350.D

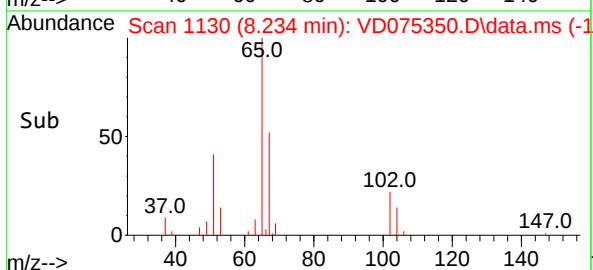
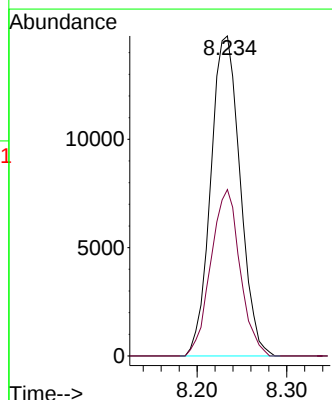
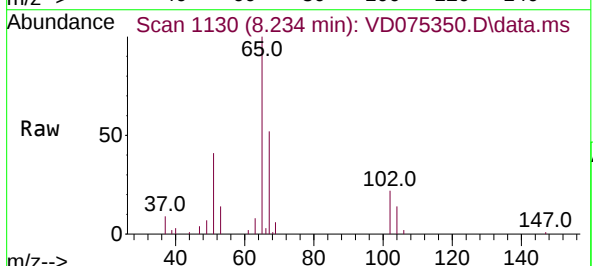
Acq: 17 Feb 2023 10:35

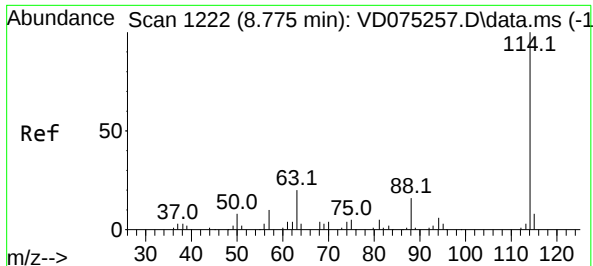
Tgt Ion: 65 Resp: 33551

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075350.D

Acq: 17 Feb 2023 10:35

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBL01

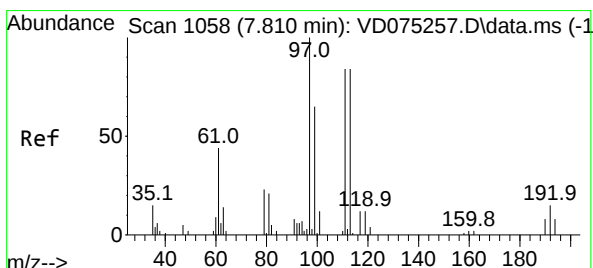
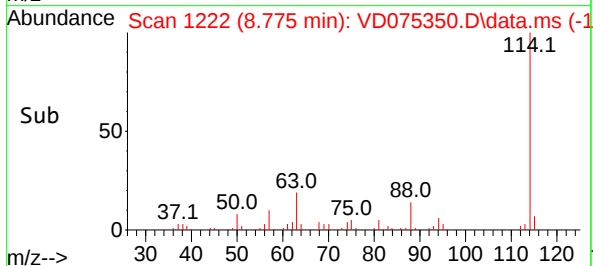
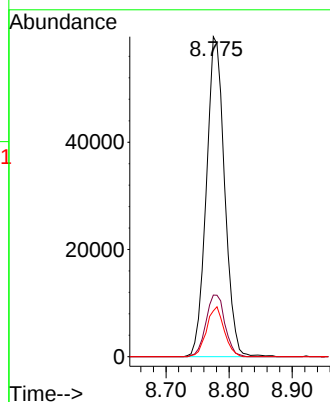
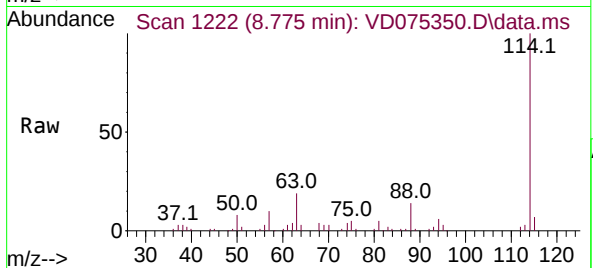
Tgt Ion:114 Resp: 119793

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.2

88 14.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.067 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075350.D

Acq: 17 Feb 2023 10:35

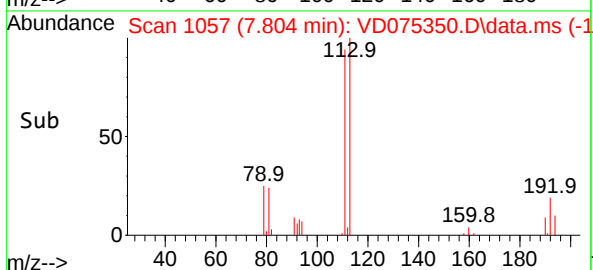
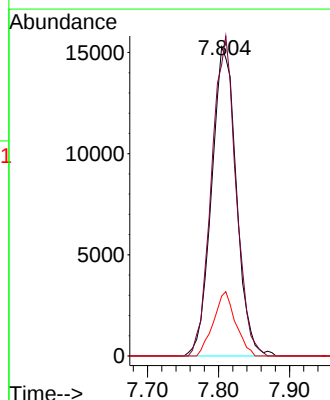
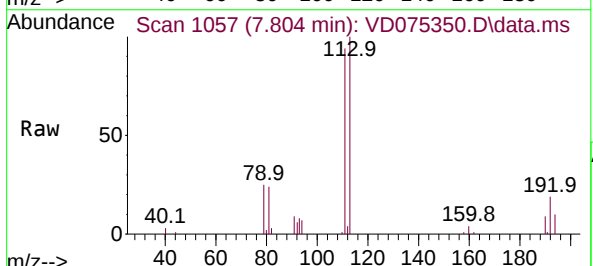
Tgt Ion:113 Resp: 37016

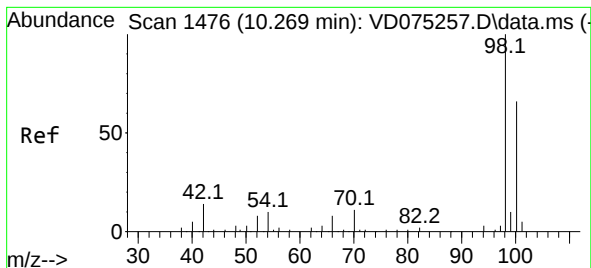
Ion Ratio Lower Upper

113 100

111 101.7 80.1 120.1

192 18.5 15.4 23.0

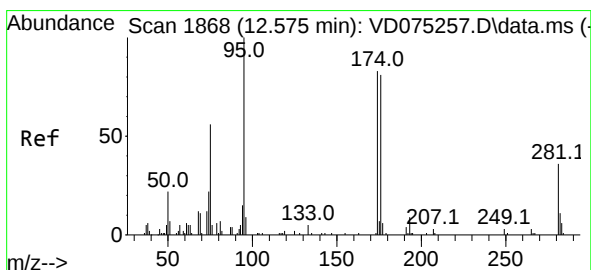
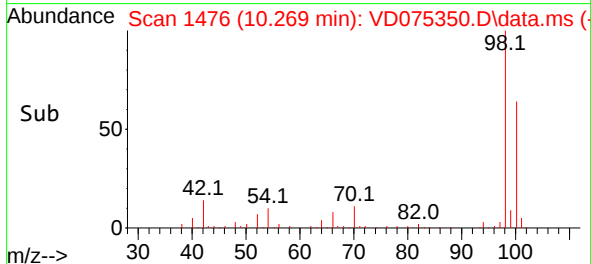
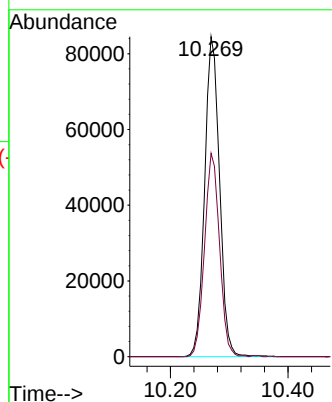
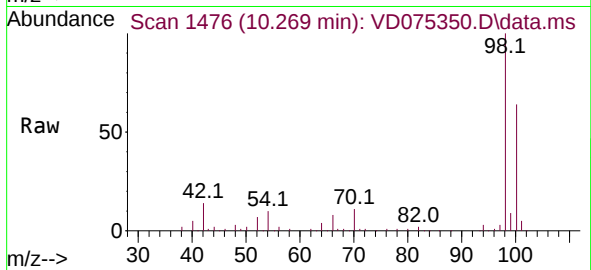




#50
Toluene-d8
Concen: 46.762 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075350.D
Acq: 17 Feb 2023 10:35

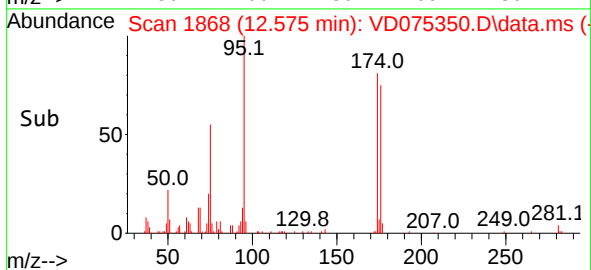
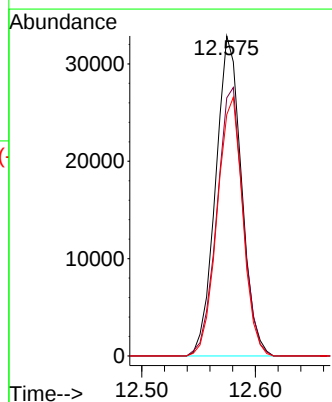
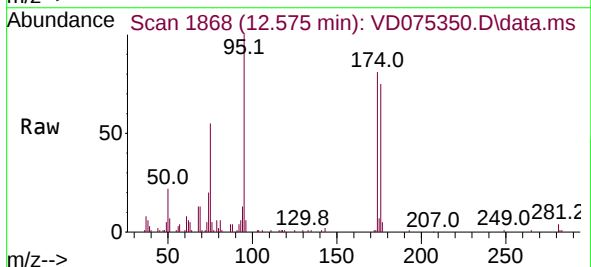
Instrument :
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ClientSampleId :
VD0217SBL01

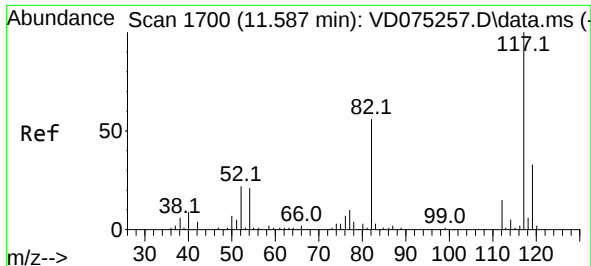
Tgt Ion: 98 Resp: 148961
Ion Ratio Lower Upper
98 100
100 63.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.465 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075350.D
Acq: 17 Feb 2023 10:35

Tgt Ion: 95 Resp: 51957
Ion Ratio Lower Upper
95 100
174 84.6 0.0 161.2
176 80.0 0.0 160.2

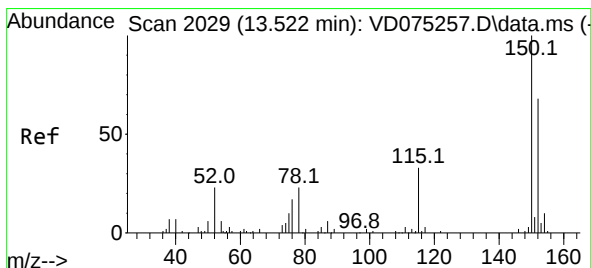
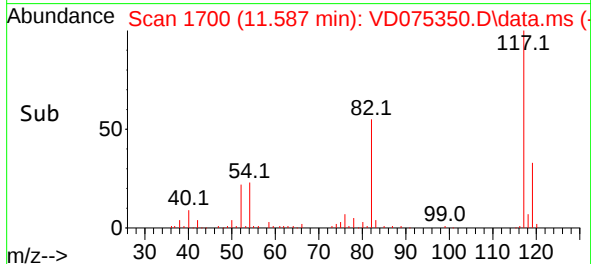
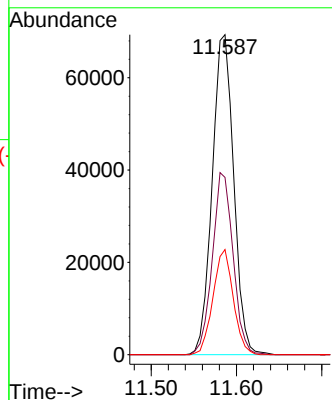
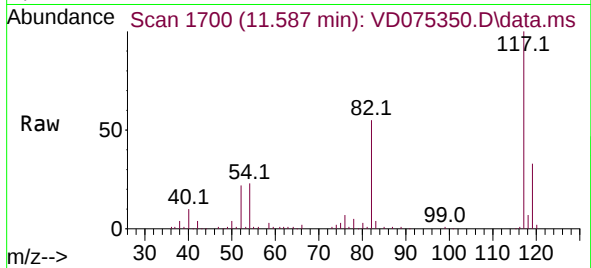




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075350.D
Acq: 17 Feb 2023 10:35

Instrument :
MSVOA_D
ClientSampleId :
VD0217SBL01

Tgt Ion:117 Resp: 121476
Ion Ratio Lower Upper
117 100
82 55.4 39.6 59.4
119 32.8 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: VD075350.D
Acq: 17 Feb 2023 10:35

Tgt Ion:152 Resp: 56806
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.4
150 158.7 0.0 348.6

