

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075289.D
 Acq On : 09 Feb 2023 12:48
 Operator : KP/SY
 Sample : 01510-01
 Misc : 7.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TWM-TP14-020823

Quant Time: Feb 10 02:00:54 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	63696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	121569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	120667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	48242	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	39395	52.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.500%
35) Dibromofluoromethane	7.810	113	40957	48.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.269	98	153660	47.532	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.575	95	46707	43.817	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.640%

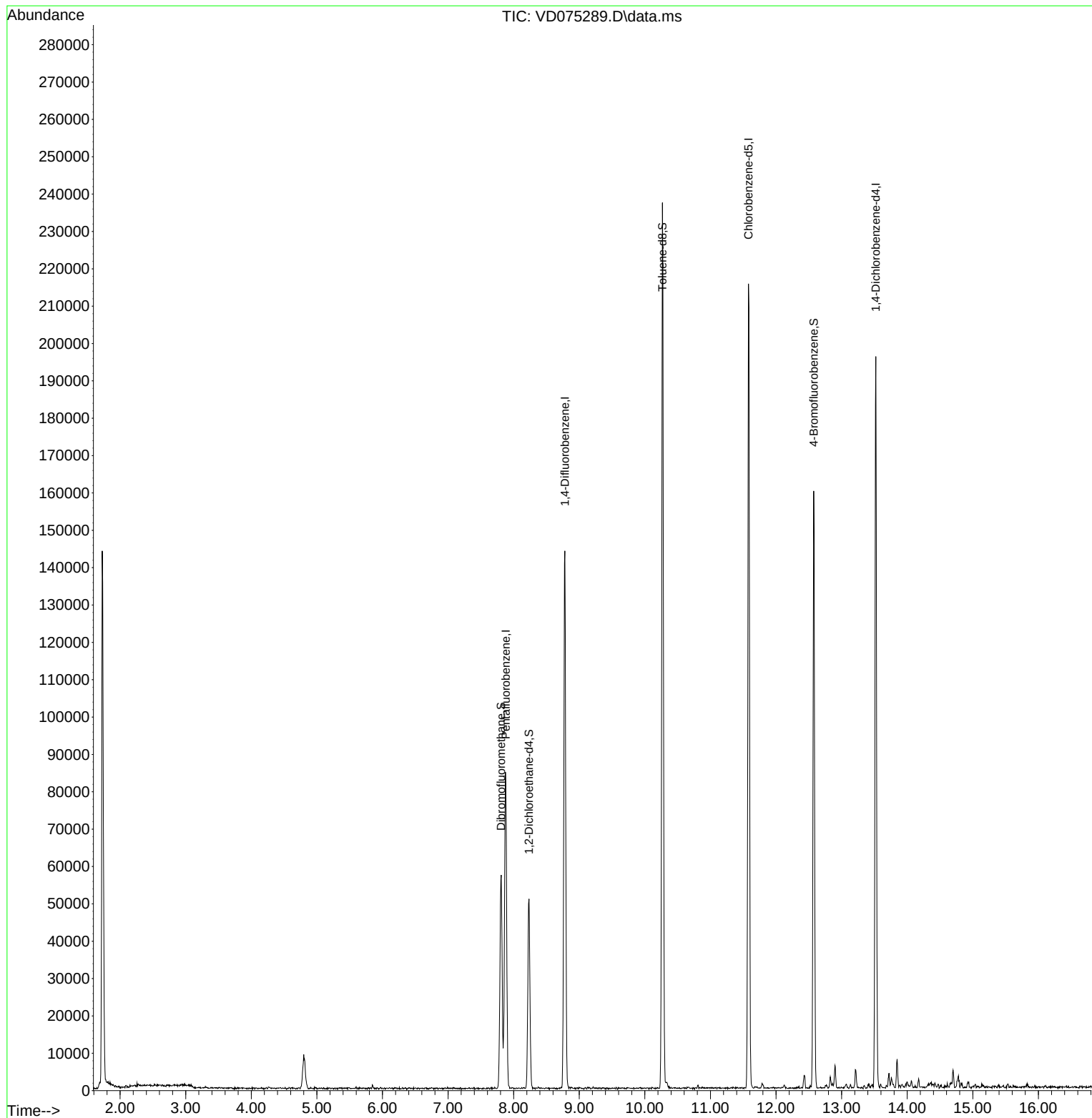
Target Compounds	Qvalue

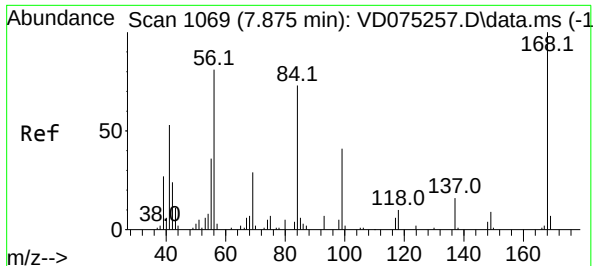
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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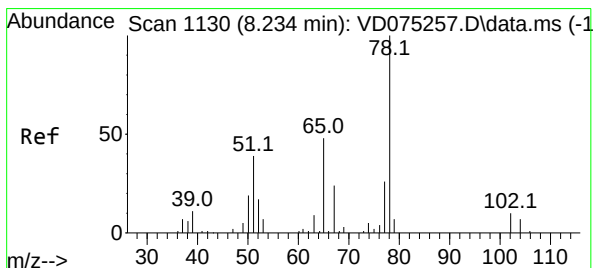
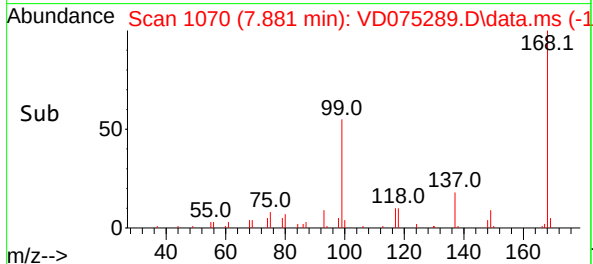
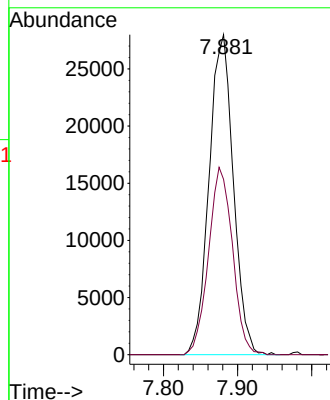
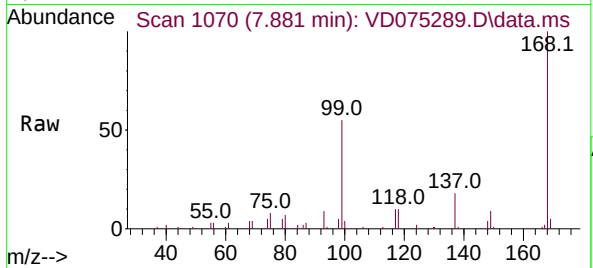




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075289.D
Acq: 09 Feb 2023 12:48

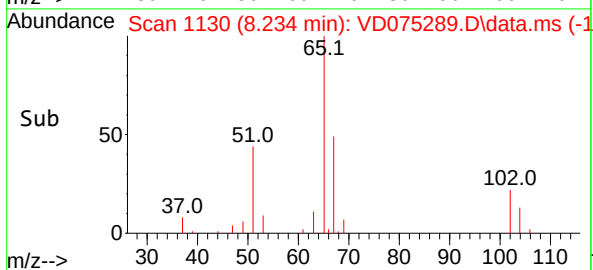
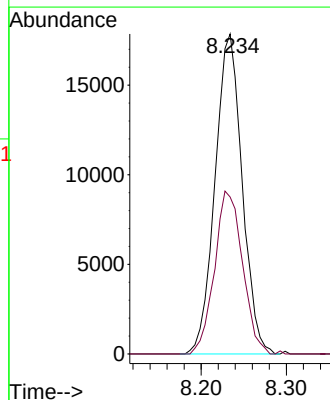
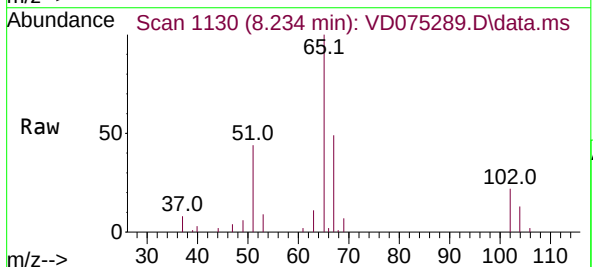
Instrument :
MSVOA_D
ClientSampleId :
TWM-TP14-020823

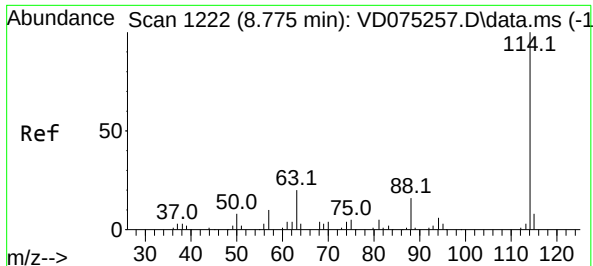
Tgt Ion:168 Resp: 63696
Ion Ratio Lower Upper
168 100
99 54.8 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 52.746 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075289.D
Acq: 09 Feb 2023 12:48

Tgt Ion: 65 Resp: 39395
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075289.D

Acq: 09 Feb 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

TWM-TP14-020823

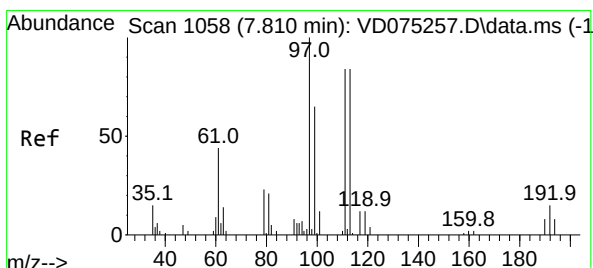
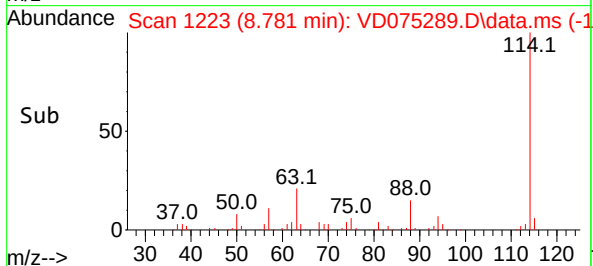
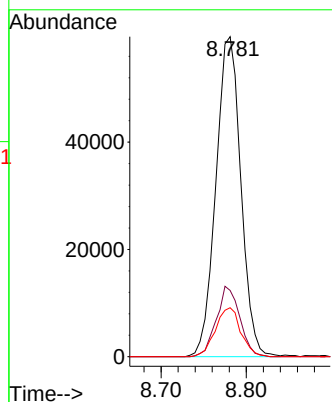
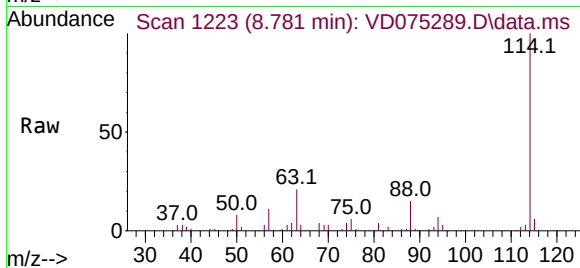
Tgt Ion:114 Resp: 121569

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.047 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075289.D

Acq: 09 Feb 2023 12:48

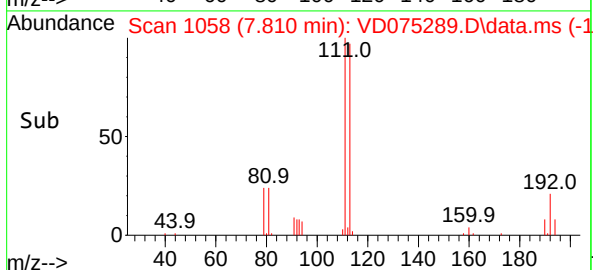
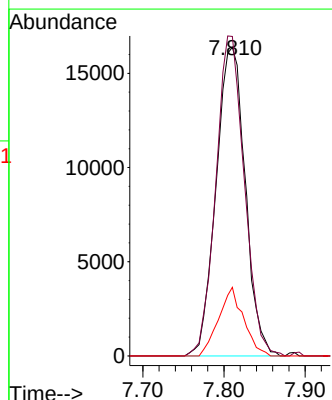
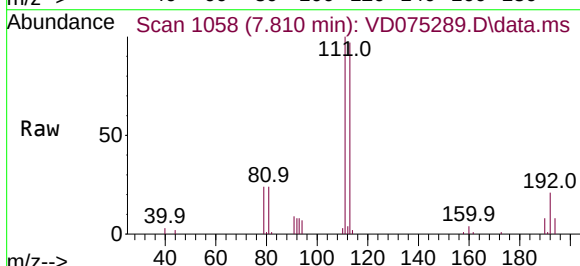
Tgt Ion:113 Resp: 40957

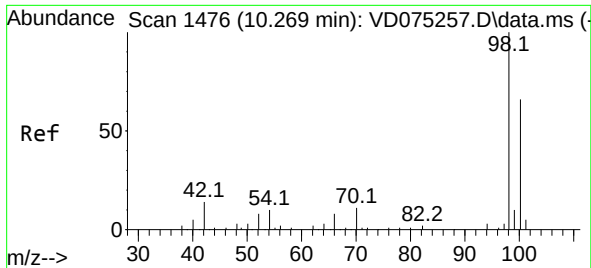
Ion Ratio Lower Upper

113 100

111 101.1 80.1 120.1

192 19.1 15.4 23.0

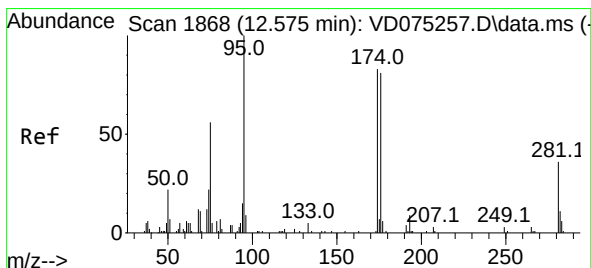
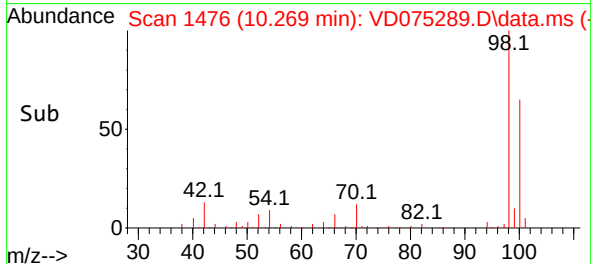
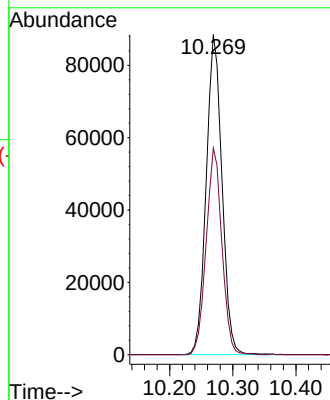
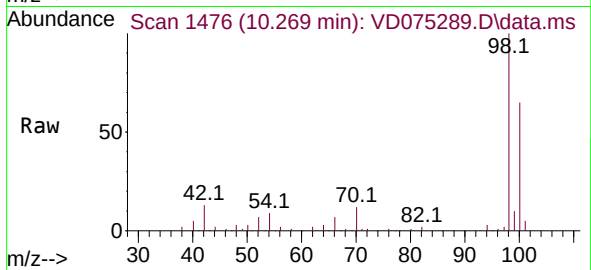




#50
Toluene-d8
Concen: 47.532 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075289.D
Acq: 09 Feb 2023 12:48

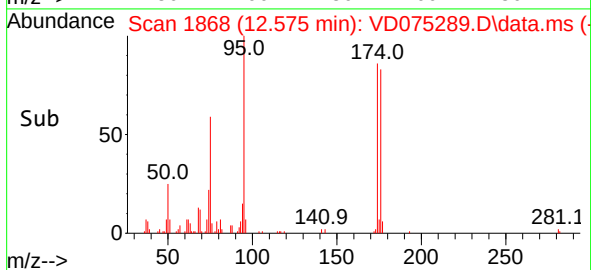
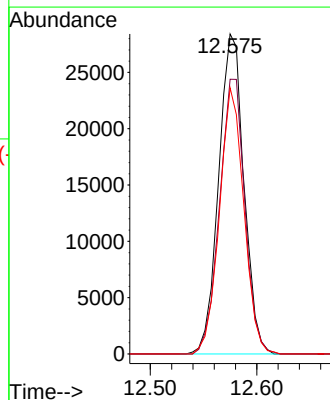
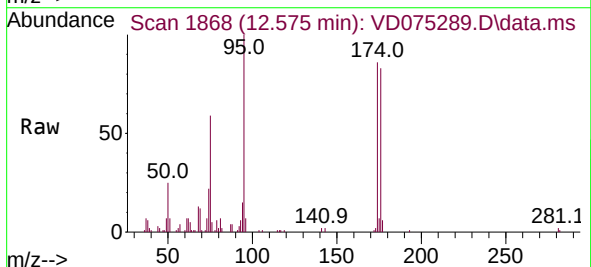
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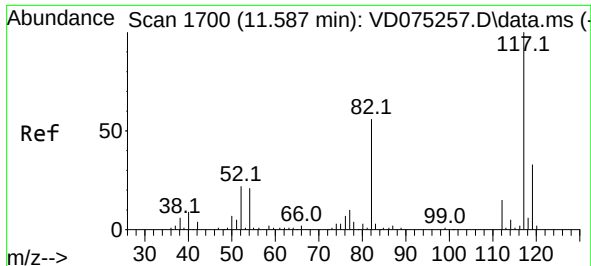
Tgt Ion: 98 Resp: 153660
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 43.817 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075289.D
Acq: 09 Feb 2023 12:48

Tgt Ion: 95 Resp: 46707
Ion Ratio Lower Upper
95 100
174 86.1 0.0 161.2
176 80.4 0.0 160.2

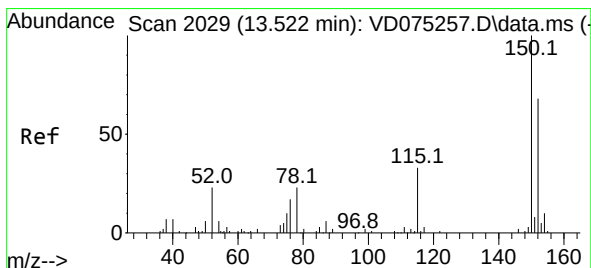
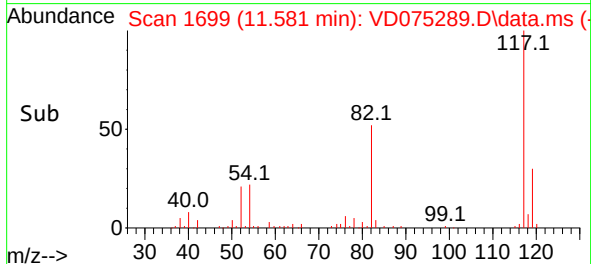
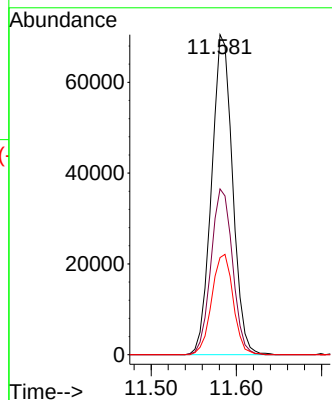
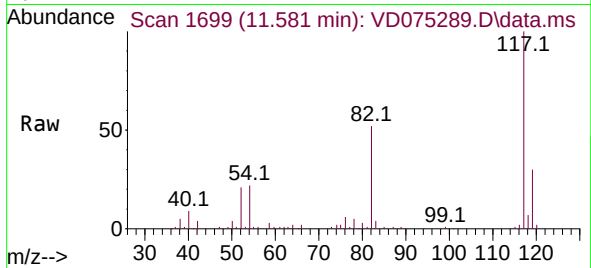




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075289.D
Acq: 09 Feb 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :
TWM-TP14-020823

Tgt Ion:117 Resp: 120667
Ion Ratio Lower Upper
117 100
82 51.8 39.6 59.4
119 30.3 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: VD075289.D
Acq: 09 Feb 2023 12:48

Tgt Ion:152 Resp: 48242
Ion Ratio Lower Upper
152 100
115 56.9 28.8 86.4
150 158.5 0.0 348.6

