

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075279.D
 Acq On : 08 Feb 2023 18:41
 Operator : KP/SY
 Sample : 01476-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Feb 09 05:43:12 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	59777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	114178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	119546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	57614	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33577	47.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.800%
35) Dibromofluoromethane	7.804	113	36348	45.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.800%
50) Toluene-d8	10.269	98	145791	48.017	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.575	95	53222	53.161	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.320%

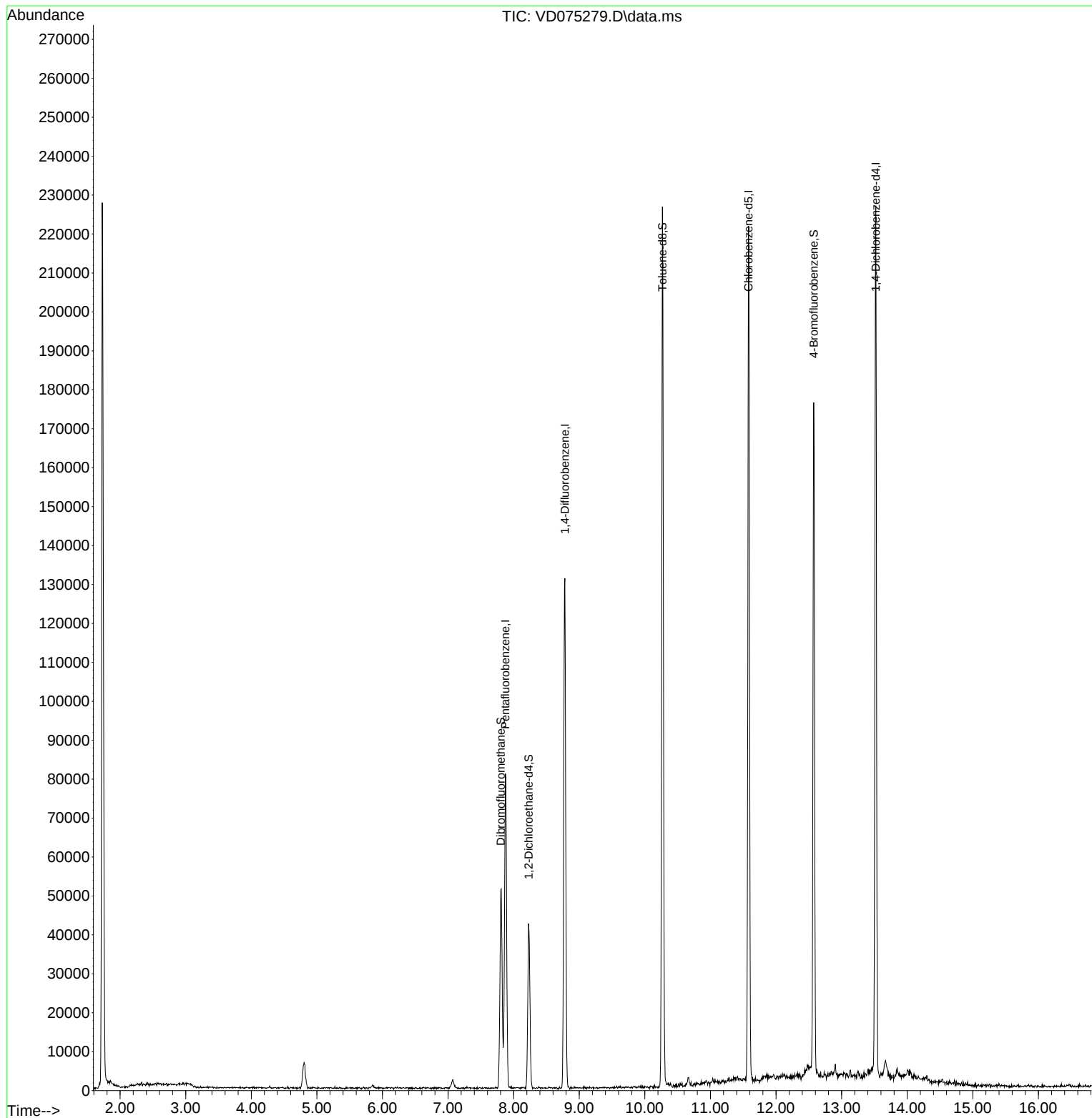
Target Compounds	Qvalue

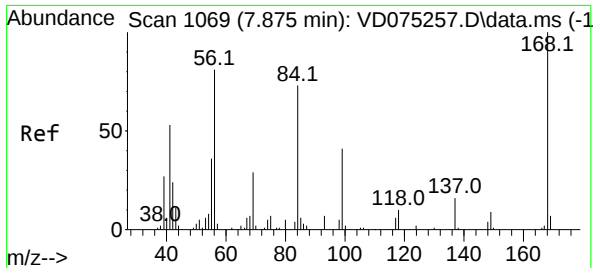
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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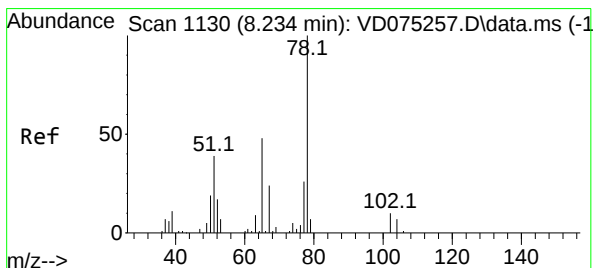
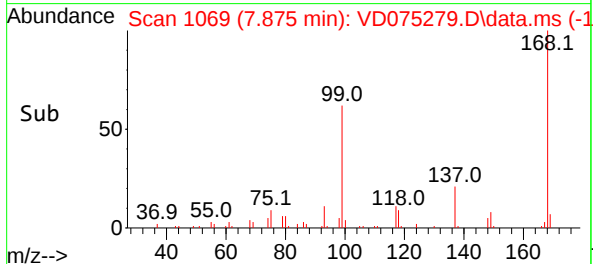
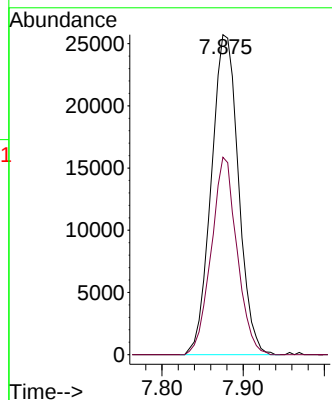
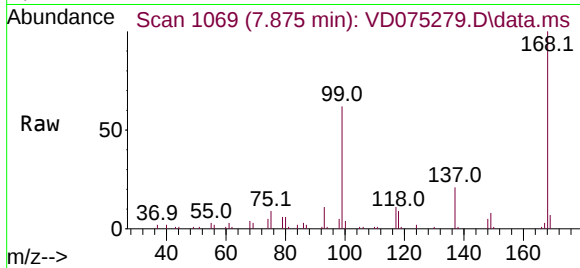




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

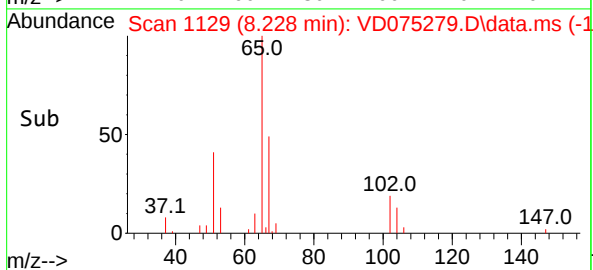
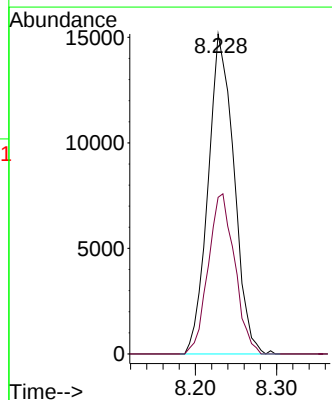
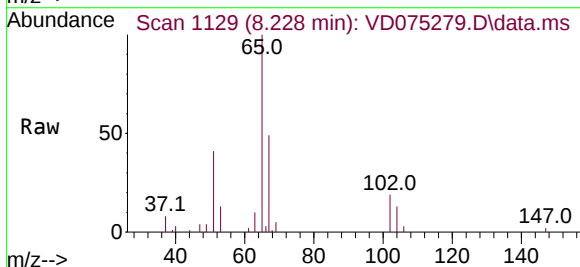
Instrument :
MSVOA_D
ClientSampleId :
VOC

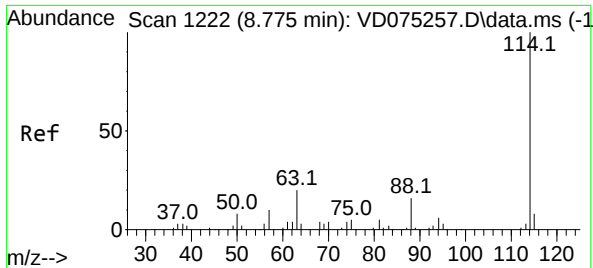
Tgt Ion:168 Resp: 59777
Ion Ratio Lower Upper
168 100
99 61.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 47.903 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

Tgt Ion: 65 Resp: 33577
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 114

Delta R.T. 0.006 min

Lab File: VD075279.D

Acq: 08 Feb 2023 18:41

Instrument :

MSVOA_D

ClientSampleId :

VOC

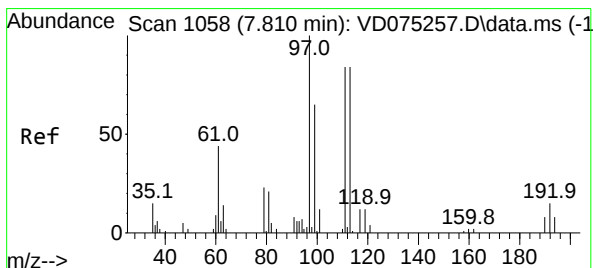
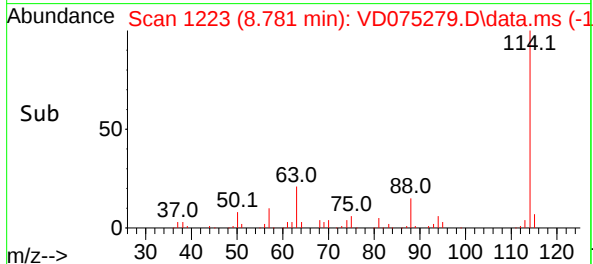
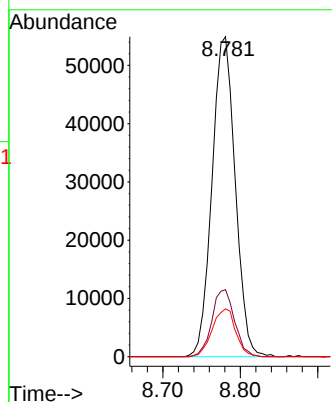
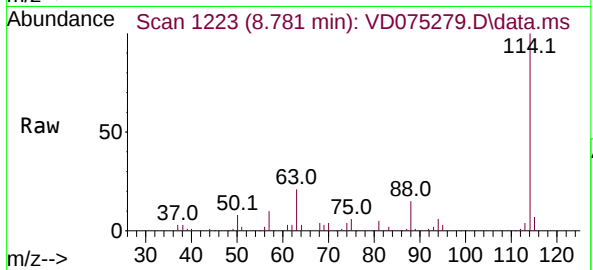
Tgt Ion:114 Resp: 114178

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.400 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075279.D

Acq: 08 Feb 2023 18:41

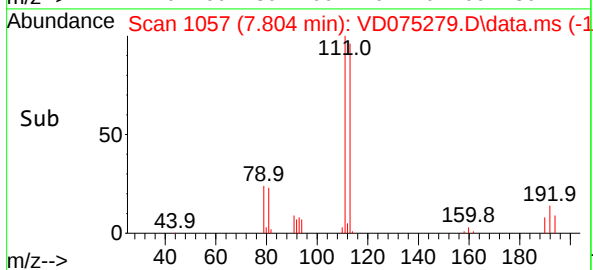
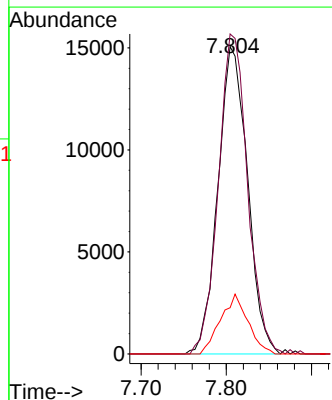
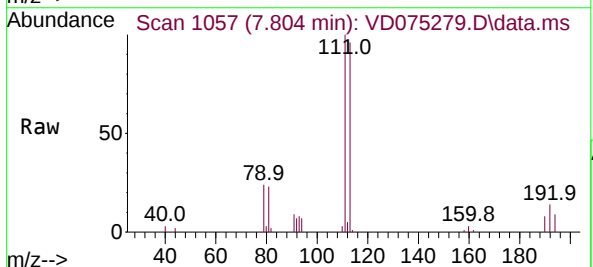
Tgt Ion:113 Resp: 36348

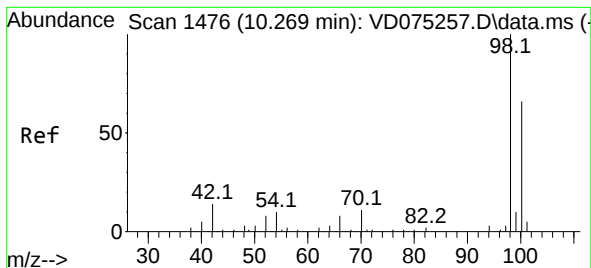
Ion Ratio Lower Upper

113 100

111 102.7 80.1 120.1

192 18.1 15.4 23.0





#50

Toluene-d8

Concen: 48.017 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075279.D

Acq: 08 Feb 2023 18:41

Instrument :

MSVOA_D

ClientSampleId :

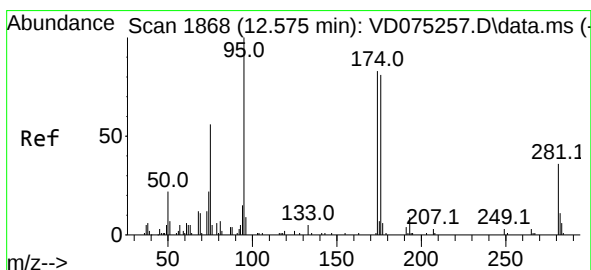
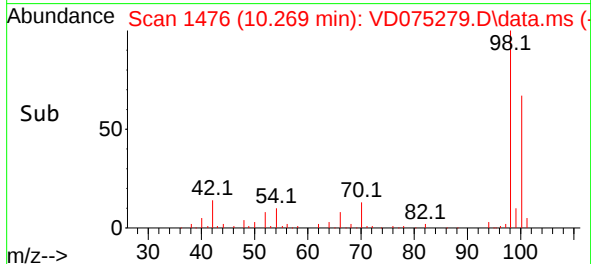
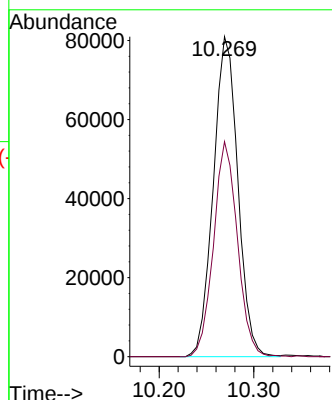
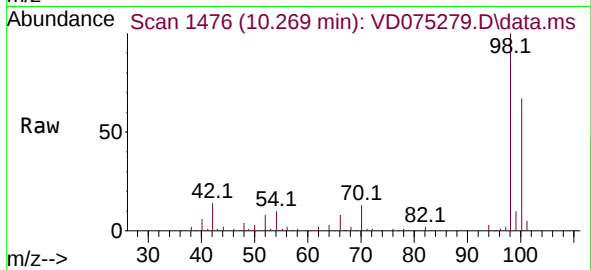
VOC

Tgt Ion: 98 Resp: 145791

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 53.161 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075279.D

Acq: 08 Feb 2023 18:41

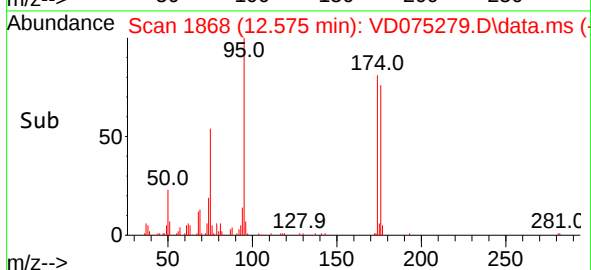
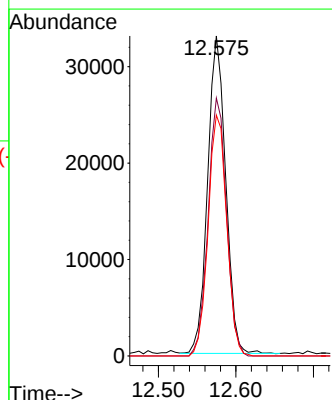
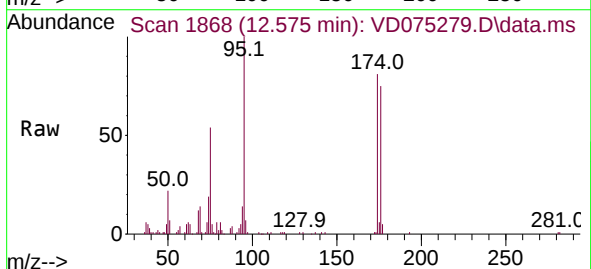
Tgt Ion: 95 Resp: 53222

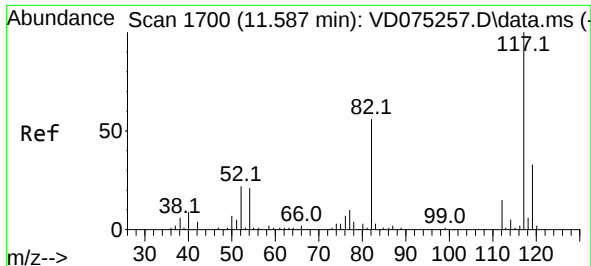
Ion Ratio Lower Upper

95 100

174 82.6 0.0 161.2

176 78.2 0.0 160.2

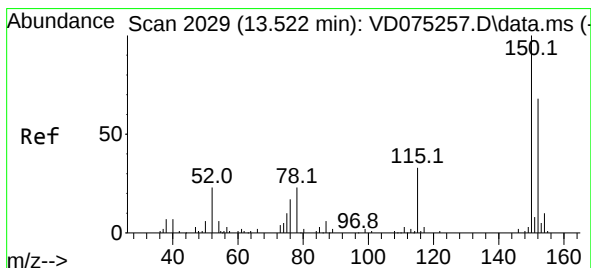
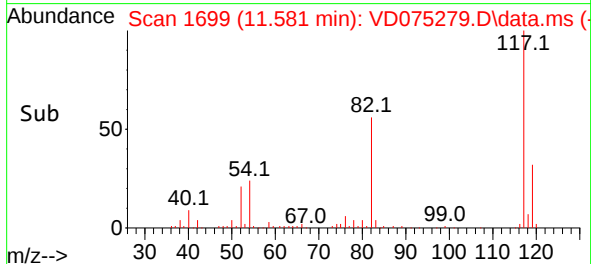
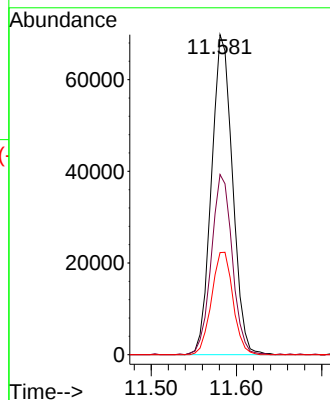
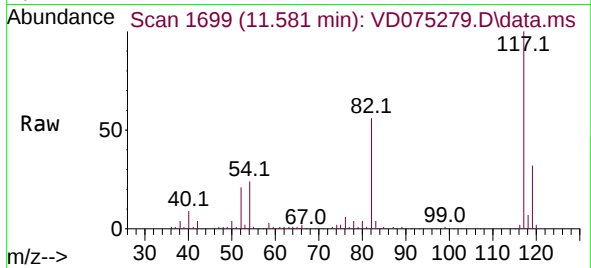




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:117 Resp: 119546
Ion Ratio Lower Upper
117 100
82 56.1 39.6 59.4
119 31.9 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: VD075279.D
Acq: 08 Feb 2023 18:41

Tgt Ion:152 Resp: 57614
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.4
150 157.7 0.0 348.6

