

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075338.D
 Acq On : 14 Feb 2023 12:52
 Operator : KP/SY
 Sample : 01537-08
 Misc : 6.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-8

Quant Time: Feb 15 03:32:18 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	60616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	110154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	114901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	53565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35195	49.517	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.040%
35) Dibromofluoromethane	7.810	113	35493	45.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.900%
50) Toluene-d8	10.269	98	139180	47.515	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.575	95	47722	49.409	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.820%

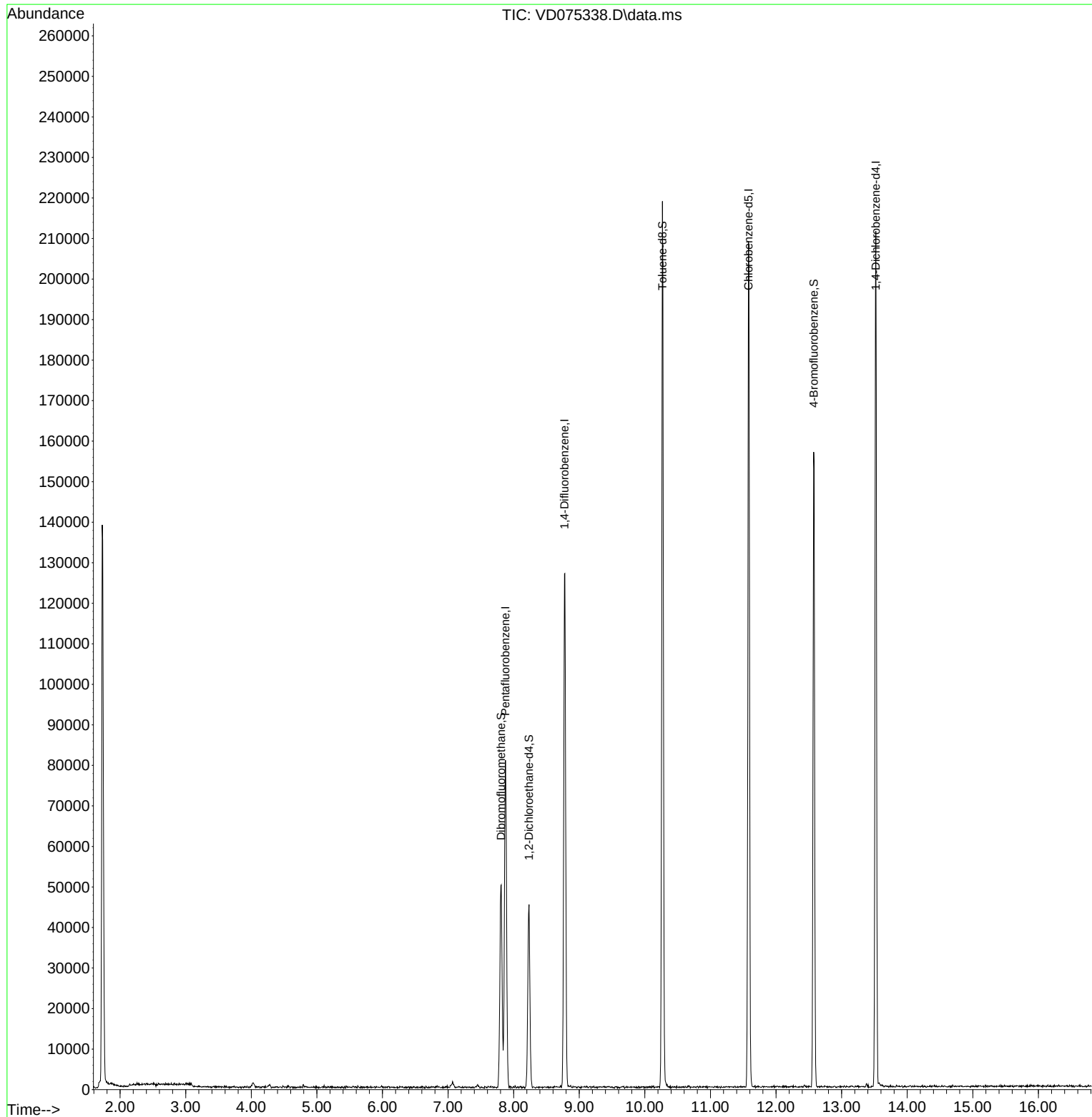
Target Compounds	Qvalue

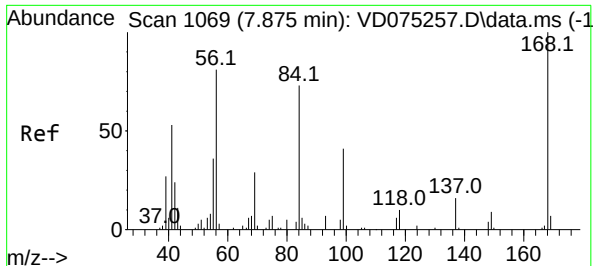
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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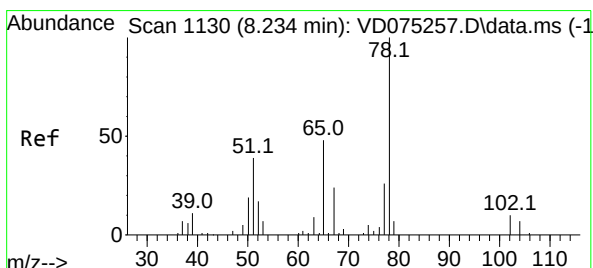
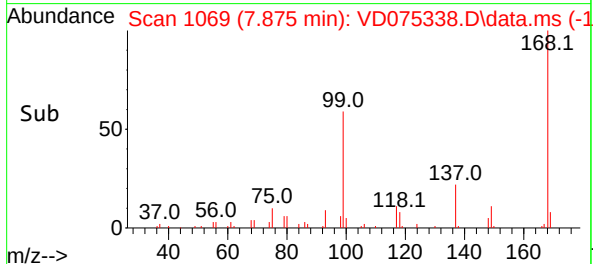
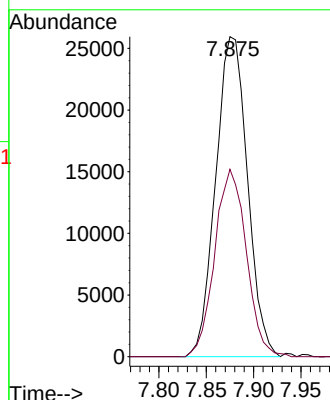
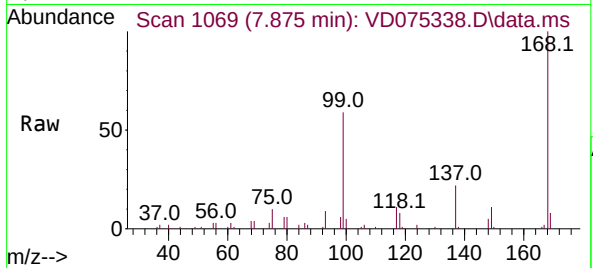




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075338.D
Acq: 14 Feb 2023 12:52

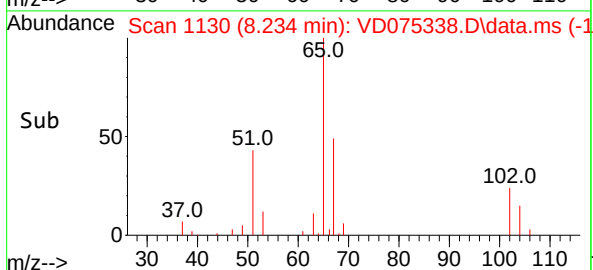
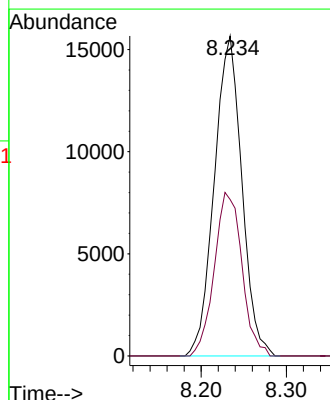
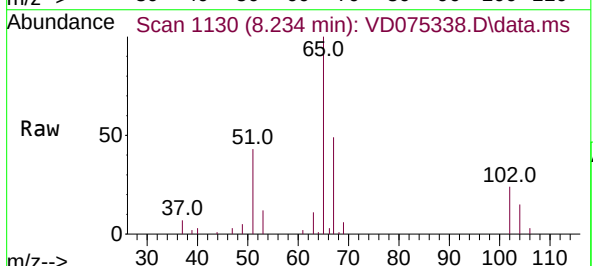
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-8

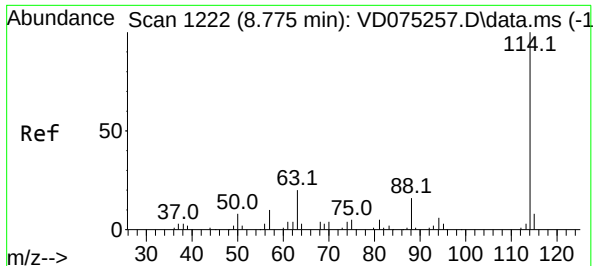
Tgt Ion:168 Resp: 60616
Ion Ratio Lower Upper
168 100
99 58.5 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 49.517 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075338.D
Acq: 14 Feb 2023 12:52

Tgt Ion: 65 Resp: 35195
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD075338.D

Acq: 14 Feb 2023 12:52

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-8

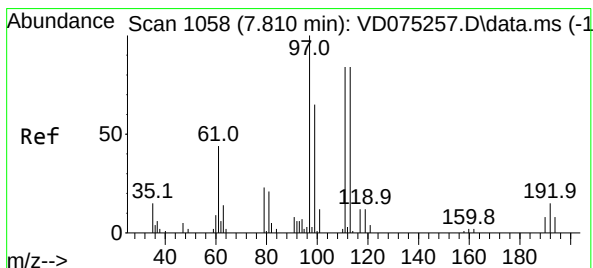
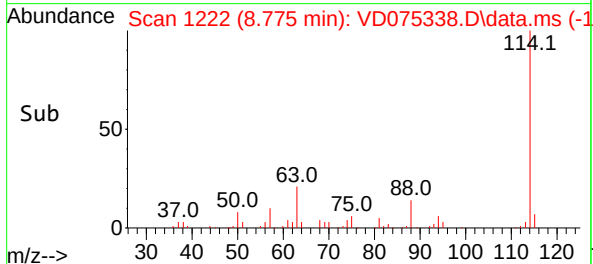
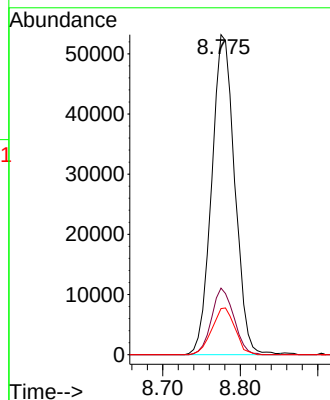
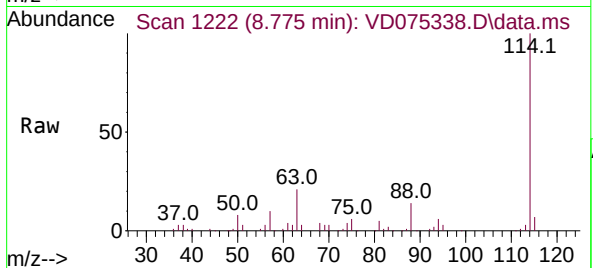
Tgt Ion:114 Resp: 110154

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 14.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.952 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075338.D

Acq: 14 Feb 2023 12:52

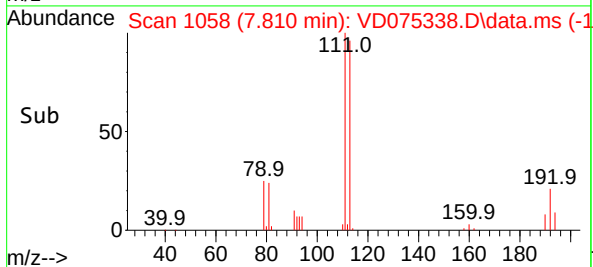
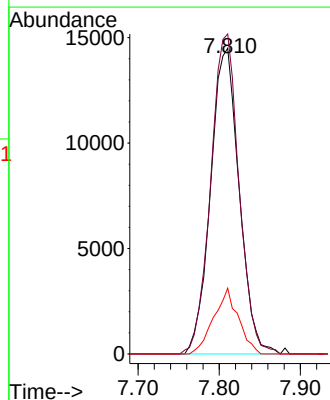
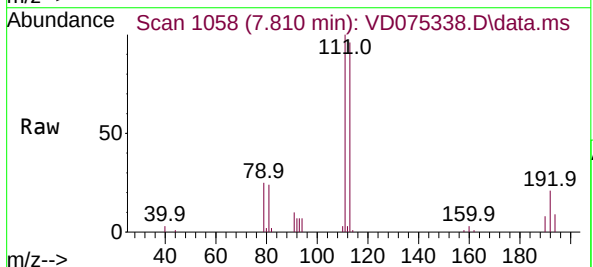
Tgt Ion:113 Resp: 35493

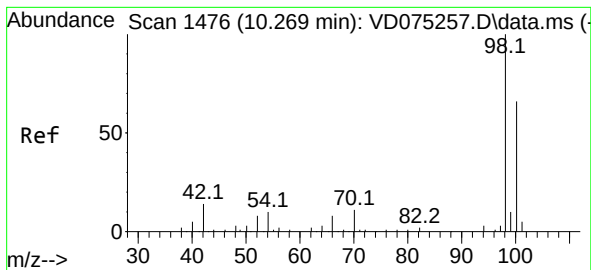
Ion Ratio Lower Upper

113 100

111 103.6 80.1 120.1

192 18.5 15.4 23.0





#50

Toluene-d8

Concen: 47.515 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075338.D

Acq: 14 Feb 2023 12:52

Instrument :

MSVOA_D

ClientSampleId :

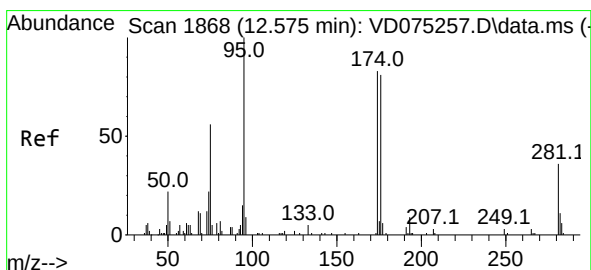
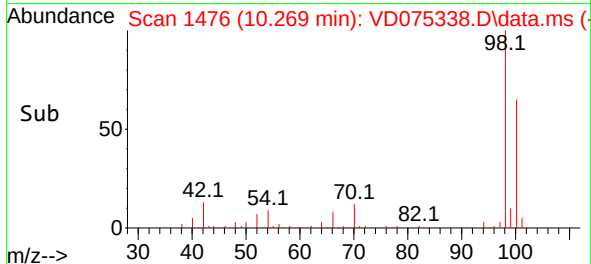
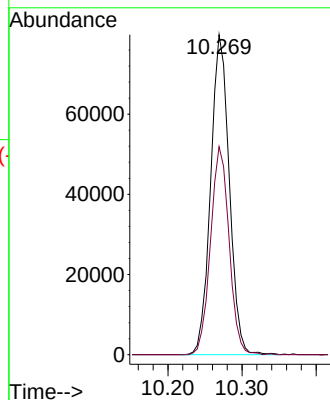
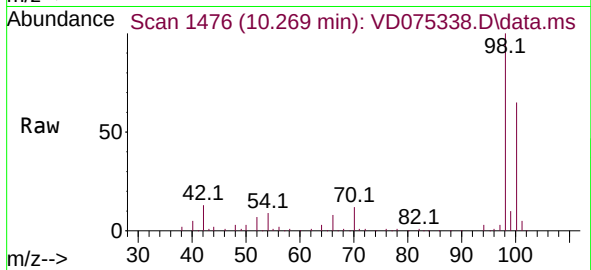
TOT-VOC-GRAB-8

Tgt Ion: 98 Resp: 139180

Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 49.409 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075338.D

Acq: 14 Feb 2023 12:52

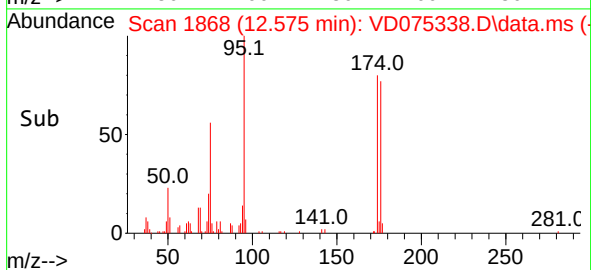
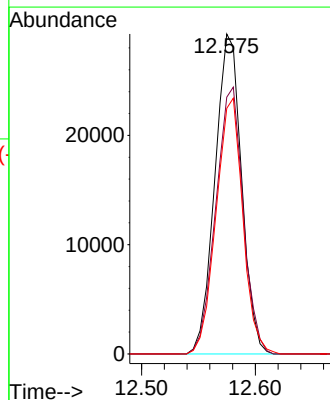
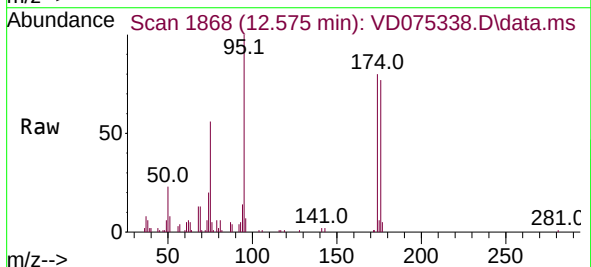
Tgt Ion: 95 Resp: 47722

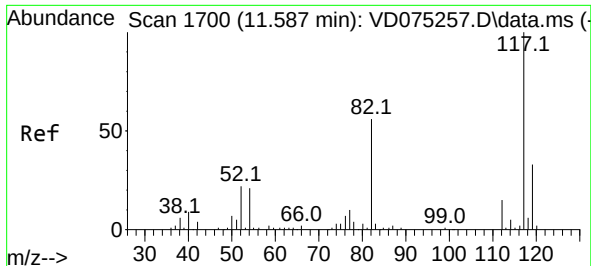
Ion Ratio Lower Upper

95 100

174 85.6 0.0 161.2

176 80.1 0.0 160.2

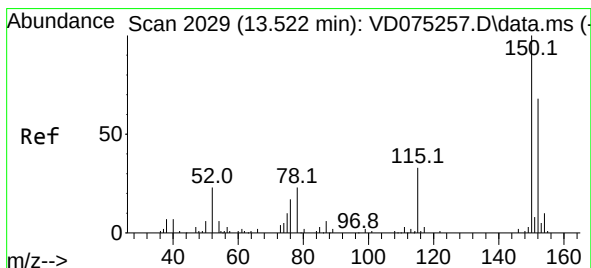
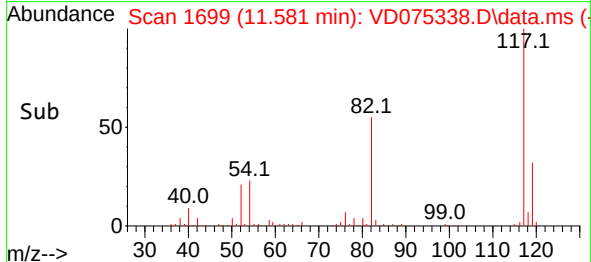
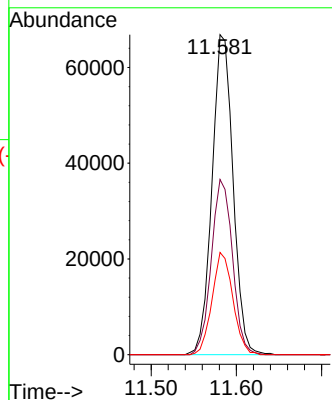
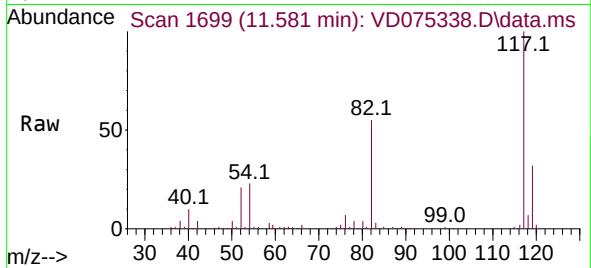




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075338.D
Acq: 14 Feb 2023 12:52

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-8

Tgt Ion:117 Resp: 114901
Ion Ratio Lower Upper
117 100
82 54.7 39.6 59.4
119 32.0 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: VD075338.D
Acq: 14 Feb 2023 12:52

Tgt Ion:152 Resp: 53565
Ion Ratio Lower Upper
152 100
115 59.3 28.8 86.4
150 157.4 0.0 348.6

