

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075337.D
 Acq On : 14 Feb 2023 12:24
 Operator : KP/SY
 Sample : 01537-07
 Misc : 10.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-4

Quant Time: Feb 15 03:31:48 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	59292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	107298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	107558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	49015	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	33575	48.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.580%
35) Dibromofluoromethane	7.810	113	34370	45.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.360%
50) Toluene-d8	10.269	98	132087	46.293	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.580%
62) 4-Bromofluorobenzene	12.575	95	46143	49.045	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.100%

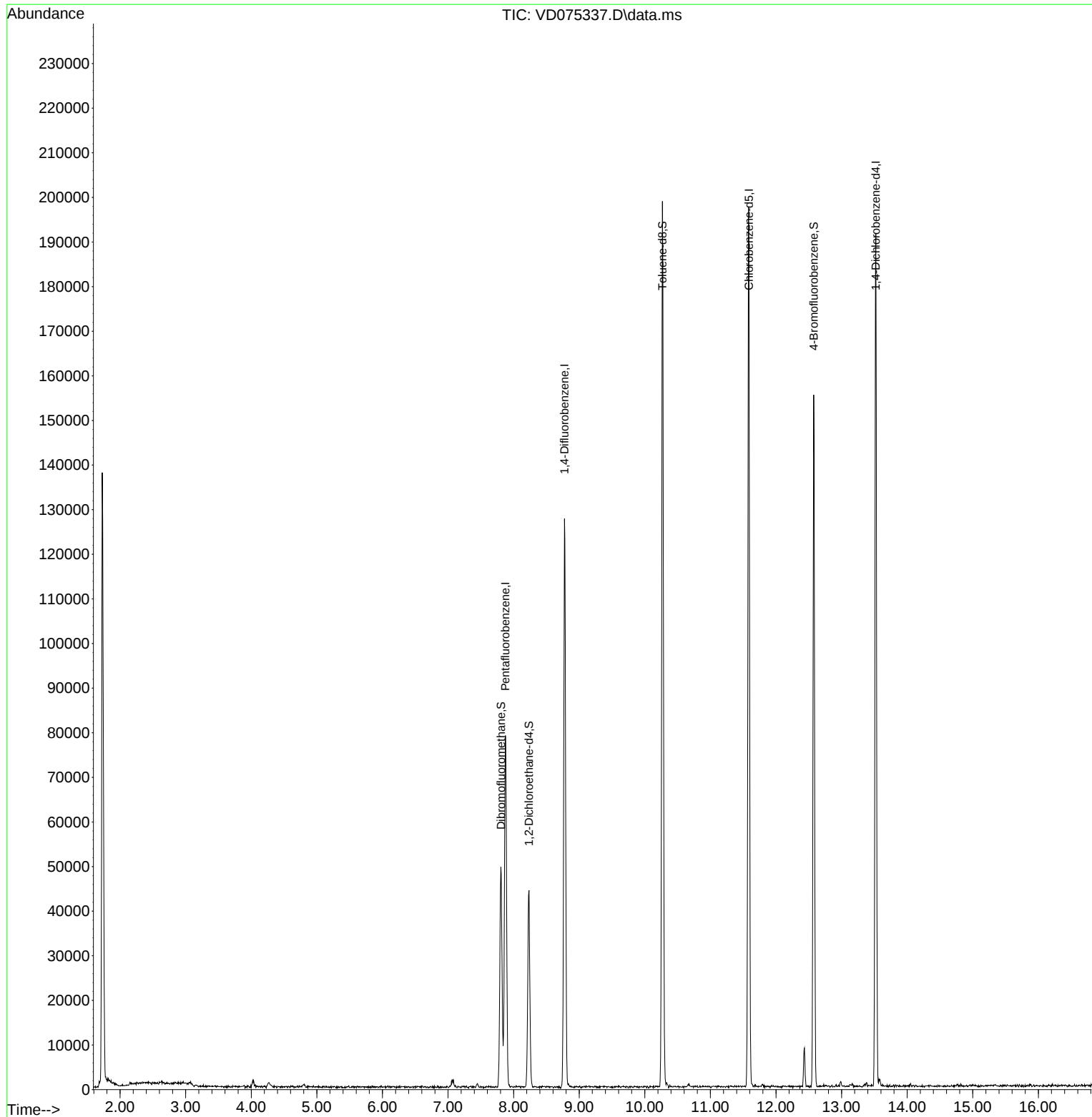
Target Compounds	Qvalue

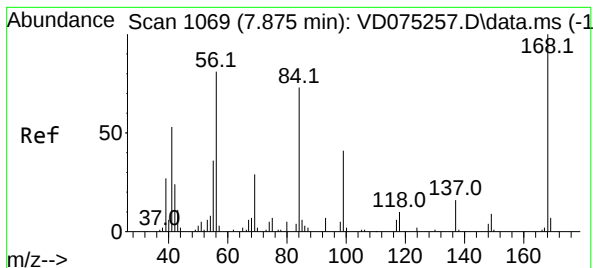
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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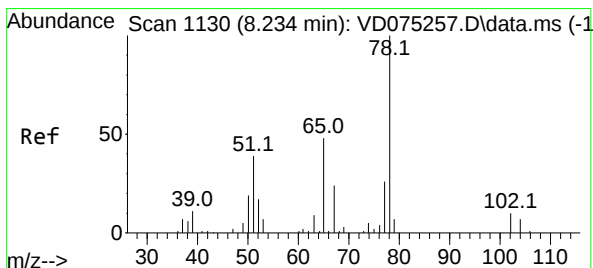
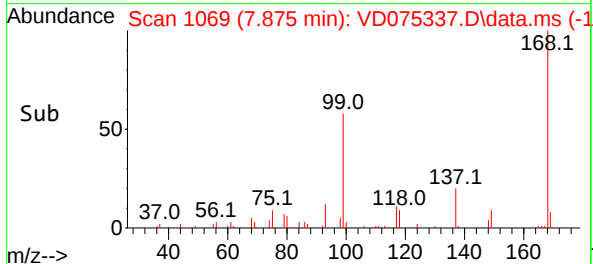
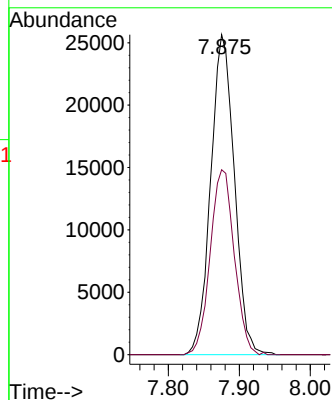
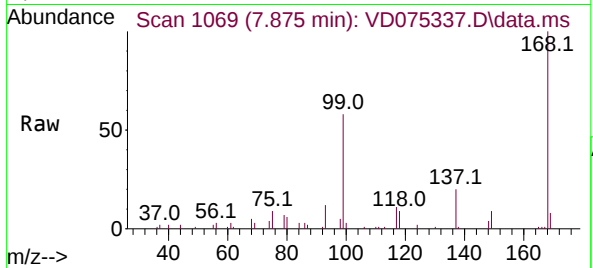




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075337.D
Acq: 14 Feb 2023 12:24

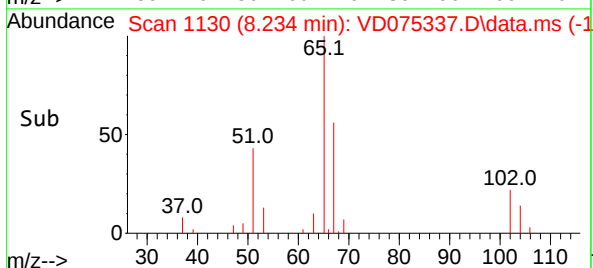
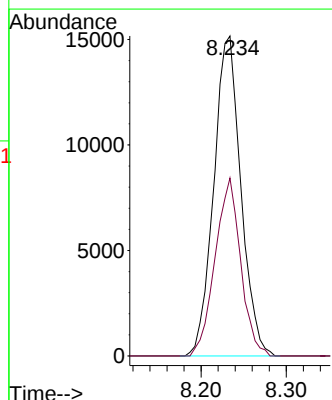
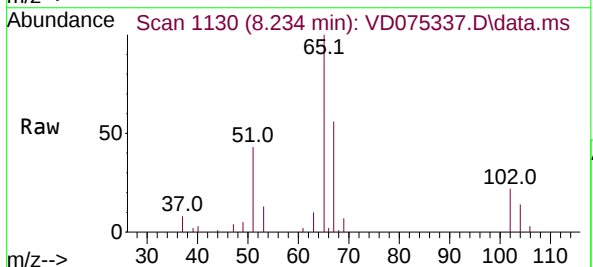
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-4

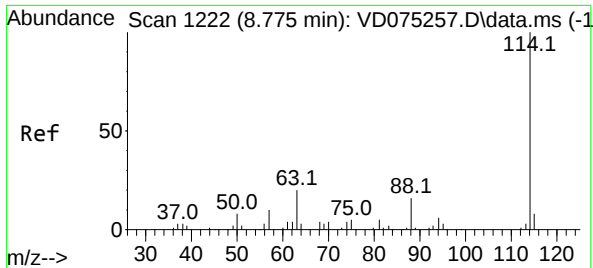
Tgt Ion:168 Resp: 59292
Ion Ratio Lower Upper
168 100
99 57.8 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 48.292 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075337.D
Acq: 14 Feb 2023 12:24

Tgt Ion: 65 Resp: 33575
Ion Ratio Lower Upper
65 100
67 52.4 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: VD075337.D

Acq: 14 Feb 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-4

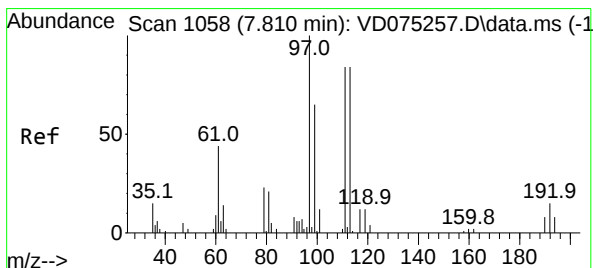
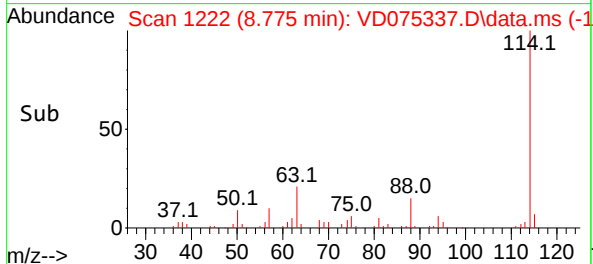
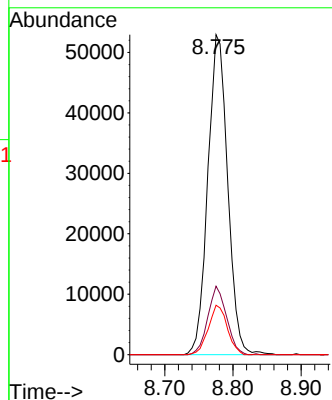
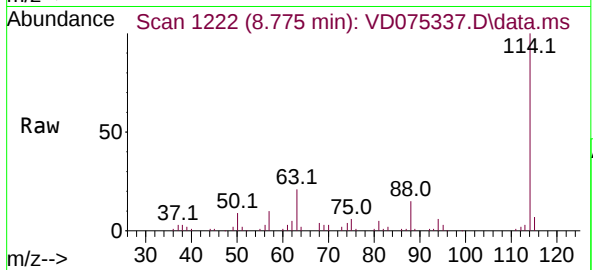
Tgt Ion:114 Resp: 107298

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.2

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.682 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075337.D

Acq: 14 Feb 2023 12:24

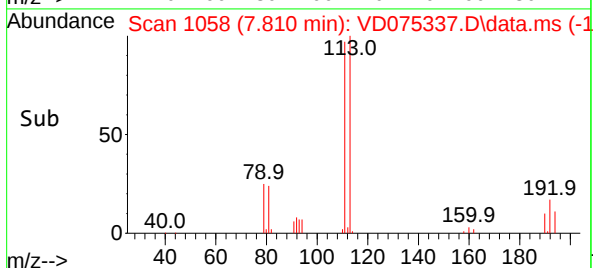
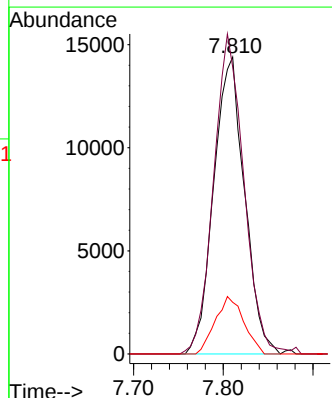
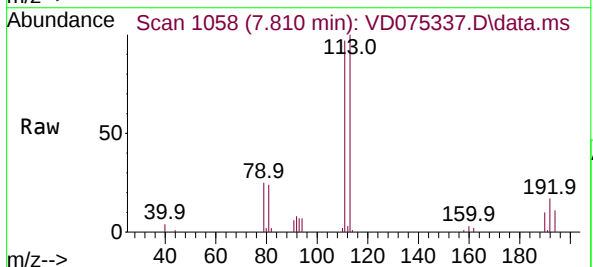
Tgt Ion:113 Resp: 34370

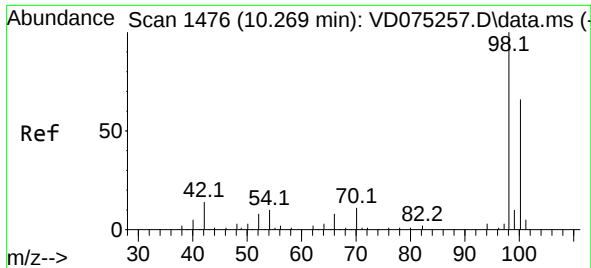
Ion Ratio Lower Upper

113 100

111 105.6 80.1 120.1

192 17.9 15.4 23.0

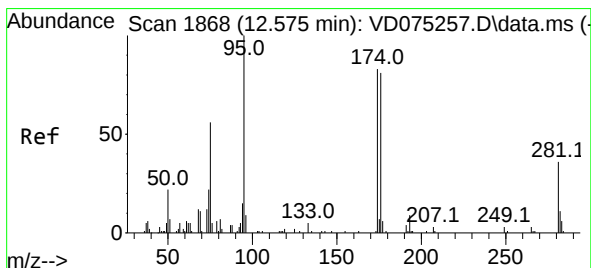
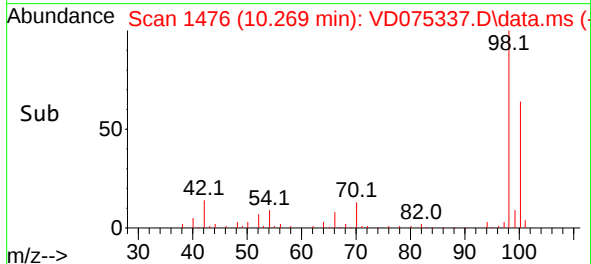
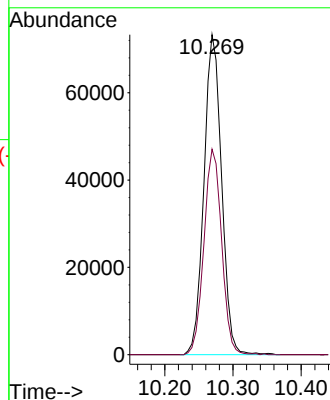
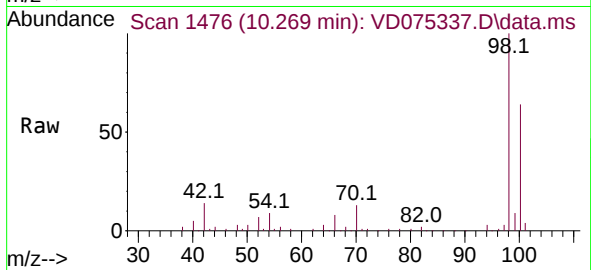




#50
Toluene-d8
Concen: 46.293 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075337.D
Acq: 14 Feb 2023 12:24

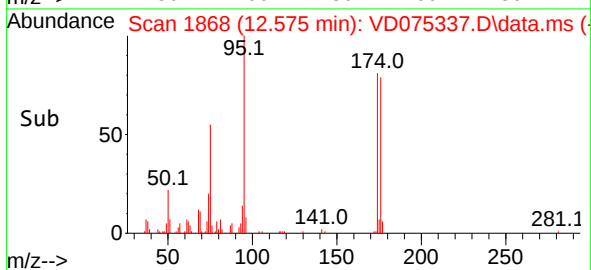
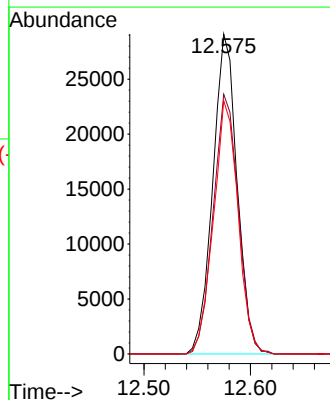
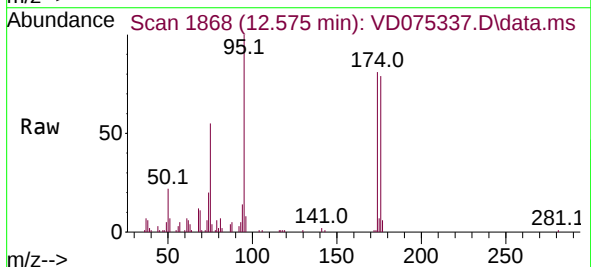
Instrument :
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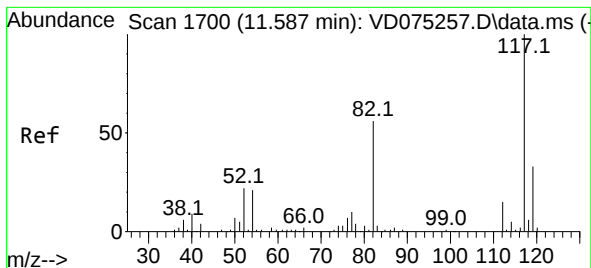
Tgt Ion: 98 Resp: 132087
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.045 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075337.D
Acq: 14 Feb 2023 12:24

Tgt Ion: 95 Resp: 46143
Ion Ratio Lower Upper
95 100
174 84.0 0.0 161.2
176 80.0 0.0 160.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 117

Delta R.T. -0.000 min

Lab File: VD075337.D

Acq: 14 Feb 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-4

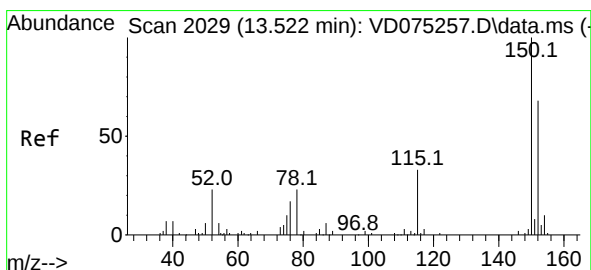
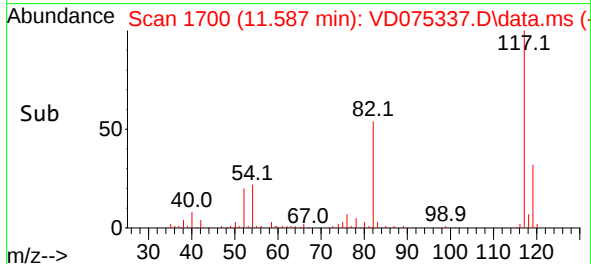
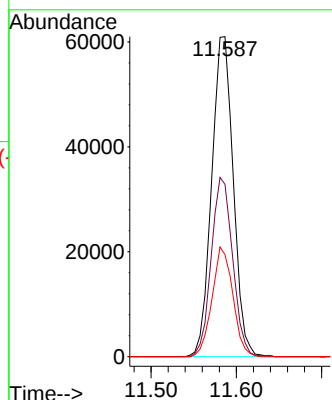
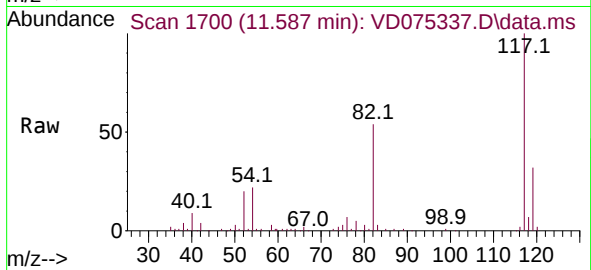
Tgt Ion:117 Resp: 107558

Ion Ratio Lower Upper

117 100

82 53.8 39.6 59.4

119 31.8 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: VD075337.D

Acq: 14 Feb 2023 12:24

Tgt Ion:152 Resp: 49015

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.4

150 156.9 0.0 348.6

