

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075339.D
 Acq On : 14 Feb 2023 13:20
 Operator : KP/SY
 Sample : 01537-14
 Misc : 7.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-12

Quant Time: Feb 15 03:32:49 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	63120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	113204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	117993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	55397	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35533	48.009	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.020%
35) Dibromofluoromethane	7.810	113	36826	46.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.780%
50) Toluene-d8	10.269	98	141460	46.992	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.980%
62) 4-Bromofluorobenzene	12.575	95	50202	50.576	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.160%

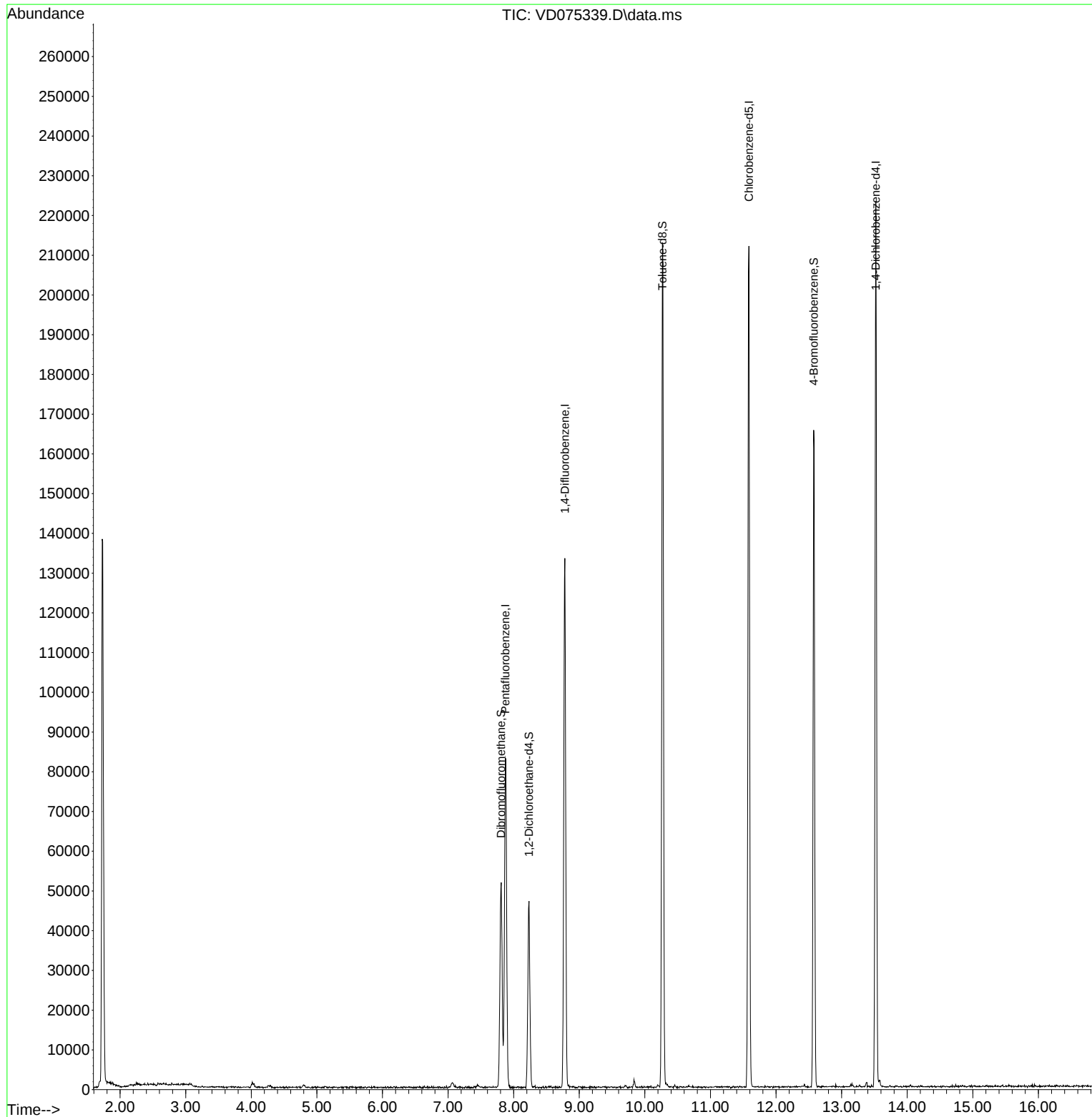
Target Compounds	Qvalue

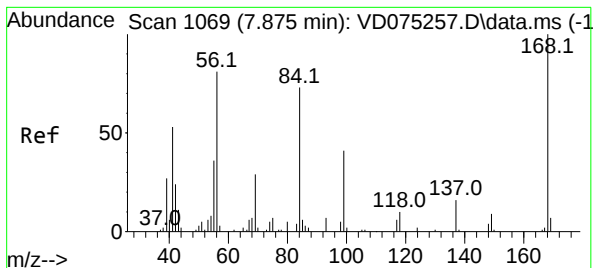
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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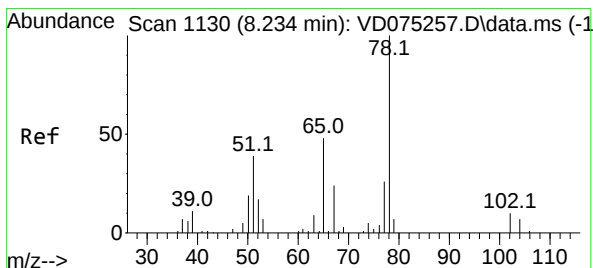
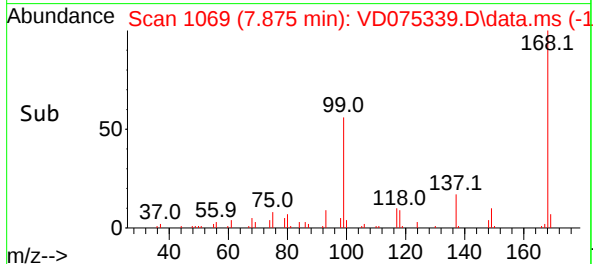
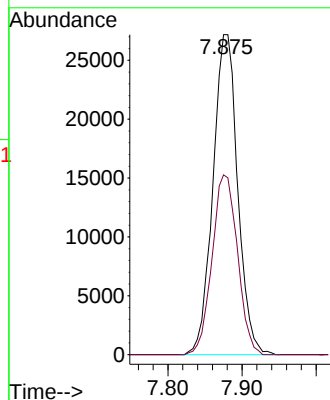
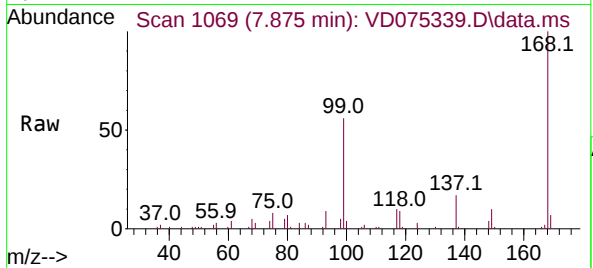




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

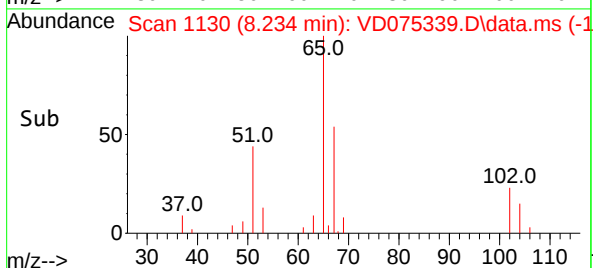
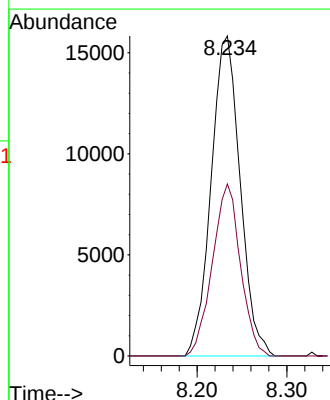
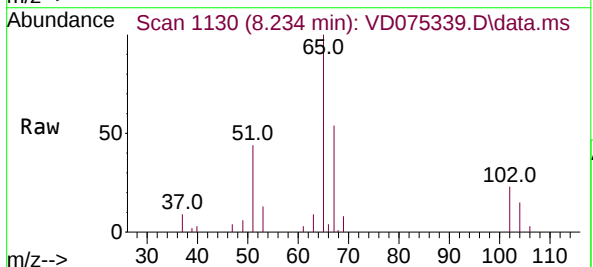
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-12

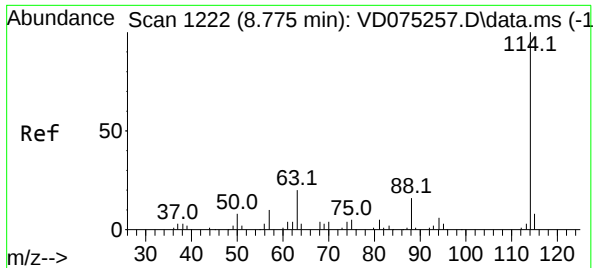
Tgt Ion:168 Resp: 63120
Ion Ratio Lower Upper
168 100
99 56.2 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 48.009 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

Tgt Ion: 65 Resp: 35533
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075339.D

Acq: 14 Feb 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-12

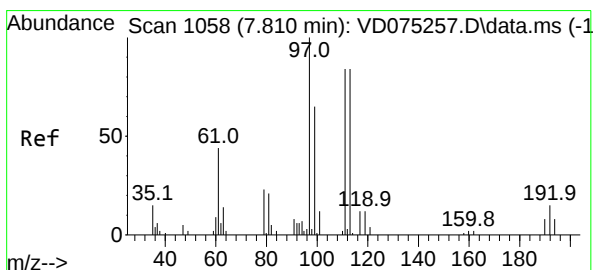
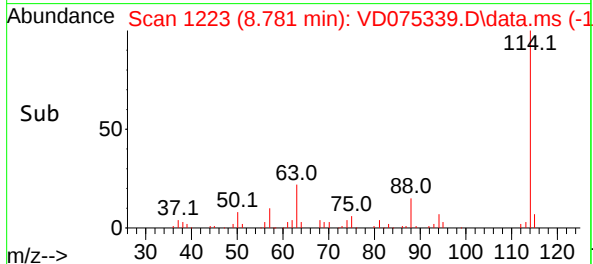
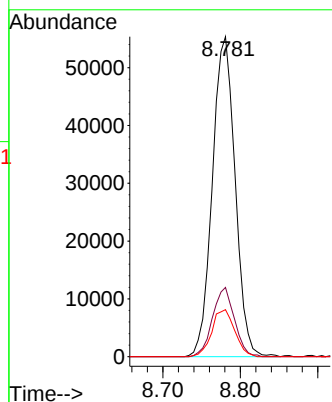
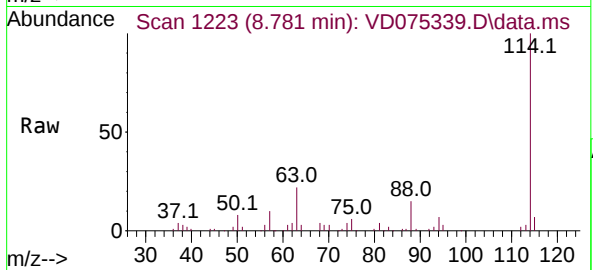
Tgt Ion:114 Resp: 113204

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.2

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.393 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075339.D

Acq: 14 Feb 2023 13:20

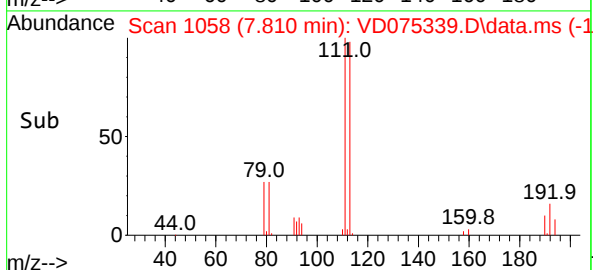
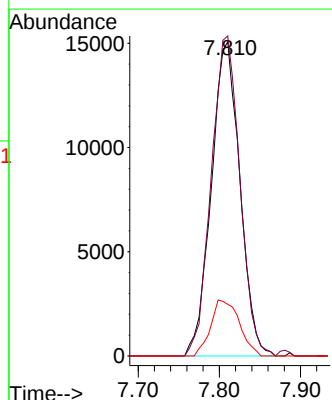
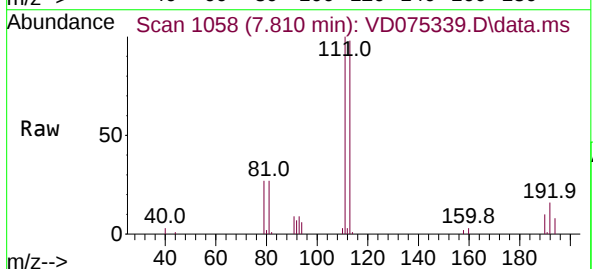
Tgt Ion:113 Resp: 36826

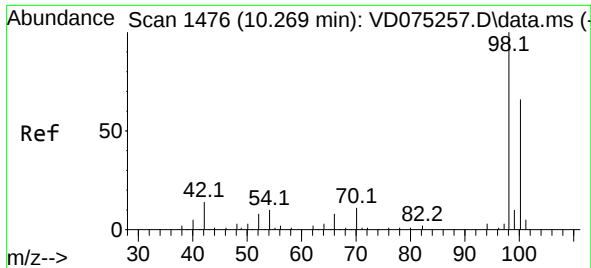
Ion Ratio Lower Upper

113 100

111 102.1 80.1 120.1

192 17.8 15.4 23.0

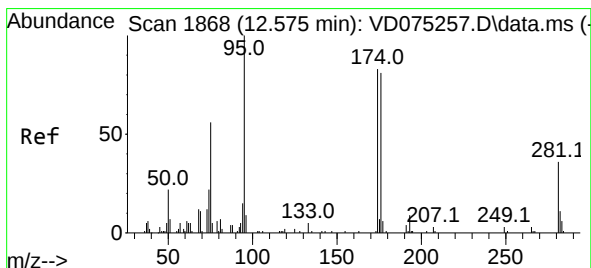
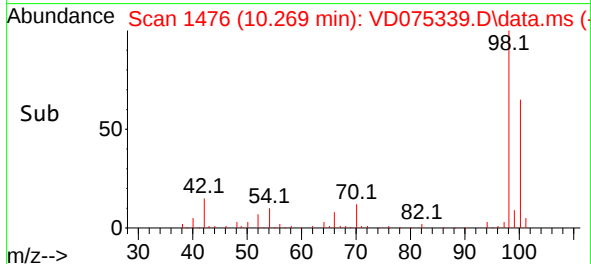
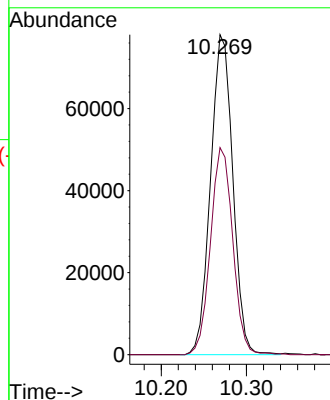
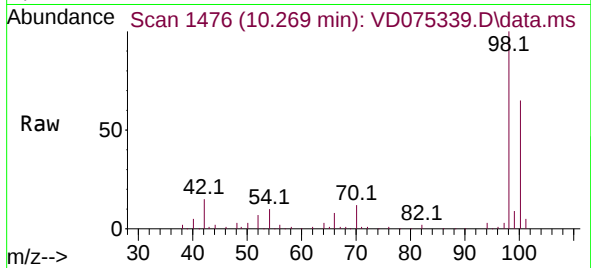




#50
Toluene-d8
Concen: 46.992 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

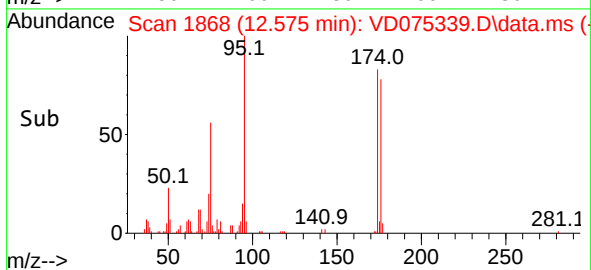
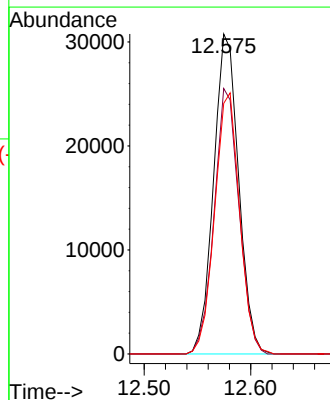
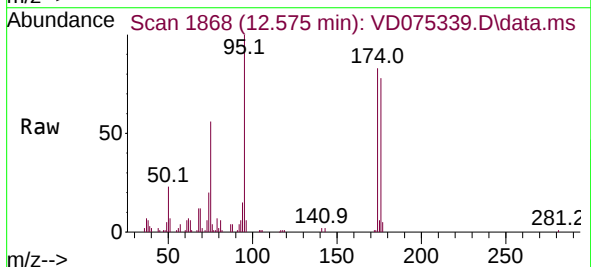
Instrument :
MSVOA_D
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TOT-VOC-GRAB-12

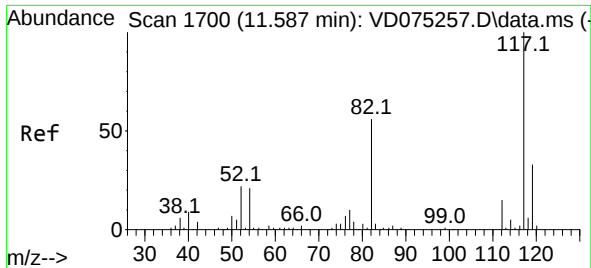
Tgt Ion: 98 Resp: 141460
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 50.576 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

Tgt Ion: 95 Resp: 50202
Ion Ratio Lower Upper
95 100
174 82.2 0.0 161.2
176 81.3 0.0 160.2

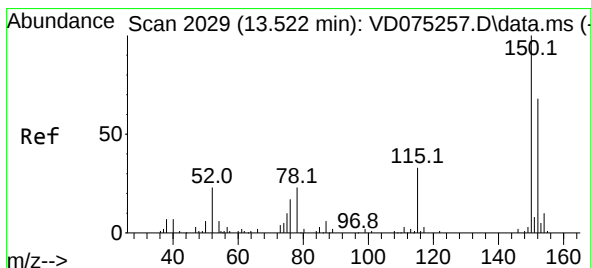
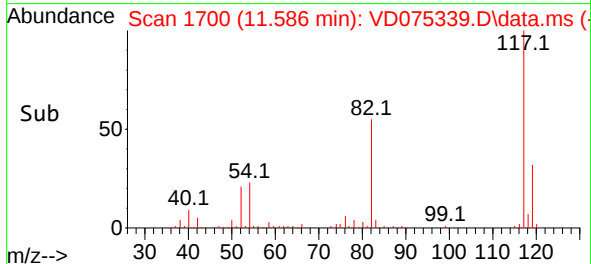
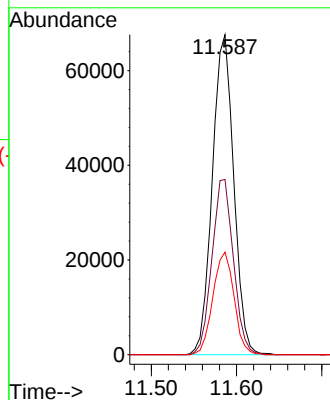
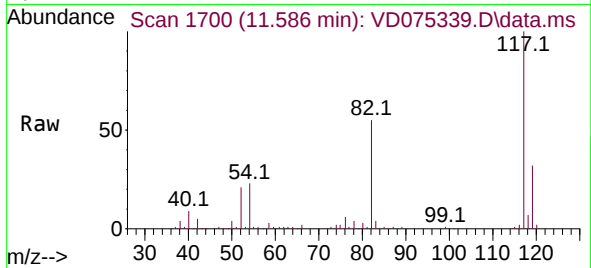




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-12

Tgt Ion:117 Resp: 117993
Ion Ratio Lower Upper
117 100
82 54.8 39.6 59.4
119 32.1 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: VD075339.D
Acq: 14 Feb 2023 13:20

Tgt Ion:152 Resp: 55397
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.4
150 157.7 0.0 348.6

