

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075341.D
 Acq On : 14 Feb 2023 14:15
 Operator : KP/SY
 Sample : 01537-21
 Misc : 6.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-20

Quant Time: Feb 15 03:33:51 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	63681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	115245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	119075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	56217	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35744	47.869	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.740%
35) Dibromofluoromethane	7.804	113	36644	45.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.700%
50) Toluene-d8	10.269	98	145589	47.507	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.575	95	50512	49.987	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.980%

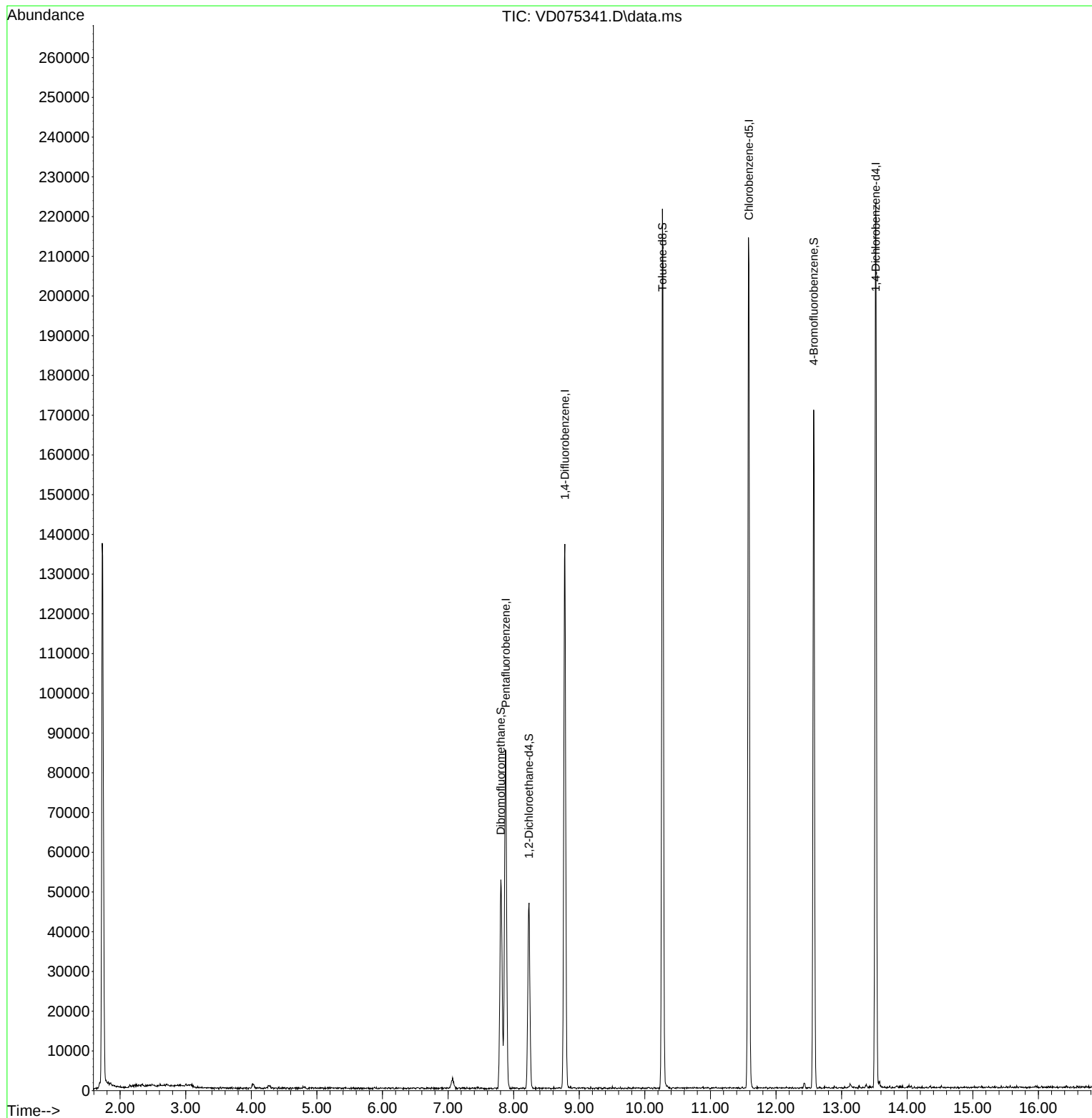
Target Compounds	Qvalue

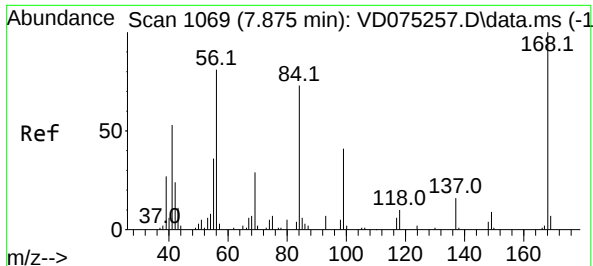
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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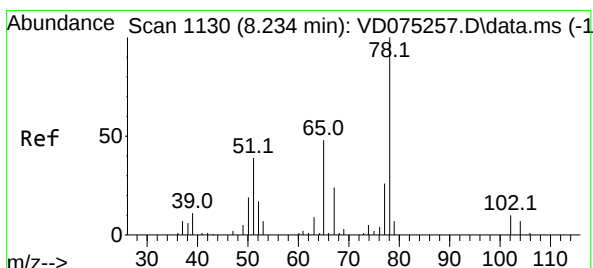
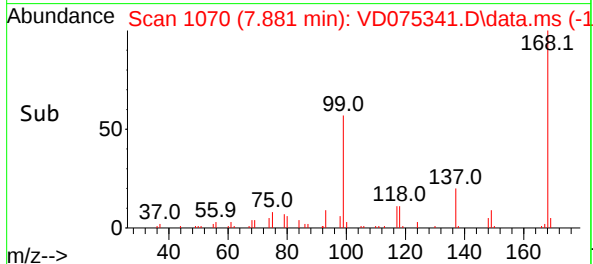
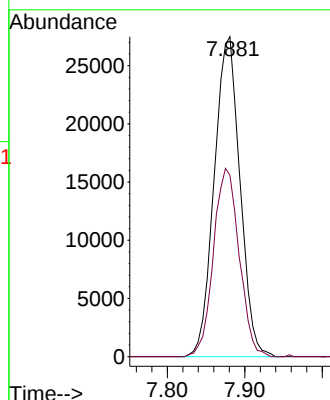
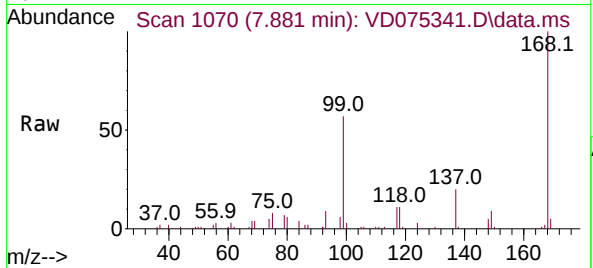




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075341.D
Acq: 14 Feb 2023 14:15

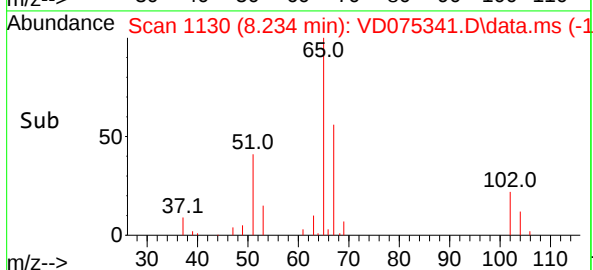
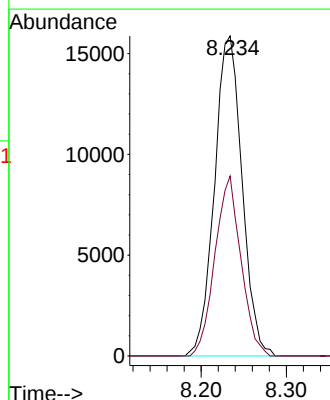
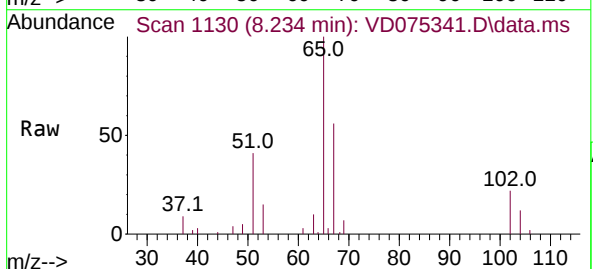
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-20

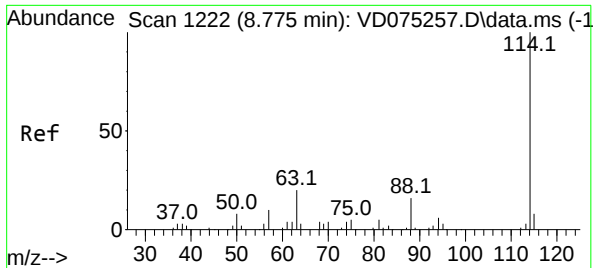
Tgt Ion:168 Resp: 63681
Ion Ratio Lower Upper
168 100
99 56.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 47.869 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075341.D
Acq: 14 Feb 2023 14:15

Tgt Ion: 65 Resp: 35744
Ion Ratio Lower Upper
65 100
67 53.0 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: VD075341.D

Acq: 14 Feb 2023 14:15

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-20

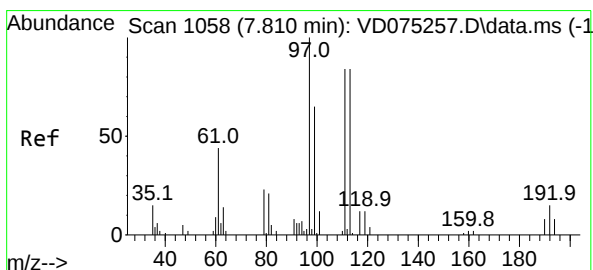
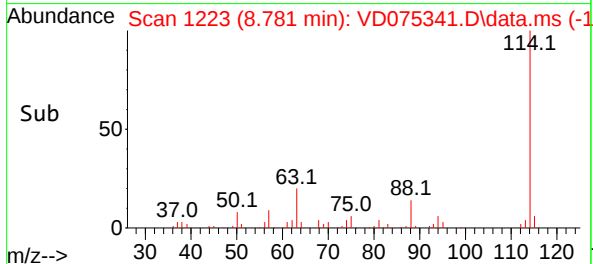
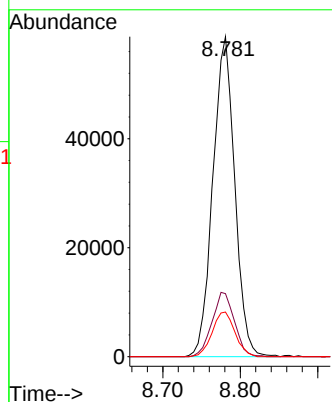
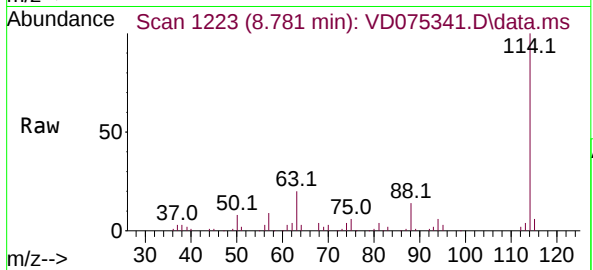
Tgt Ion:114 Resp: 115245

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 13.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.346 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075341.D

Acq: 14 Feb 2023 14:15

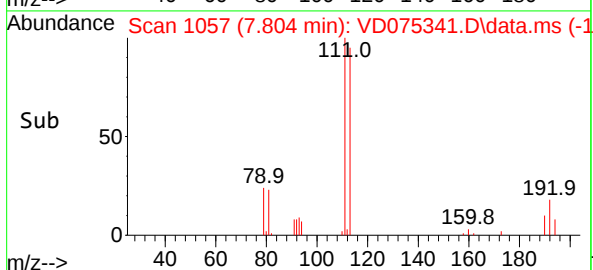
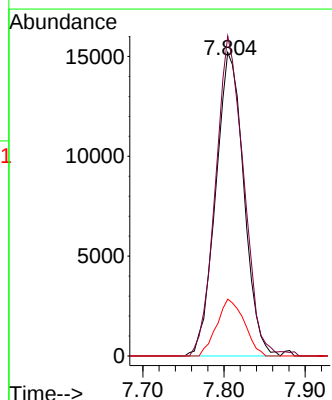
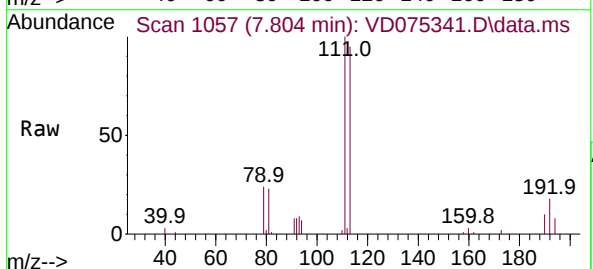
Tgt Ion:113 Resp: 36644

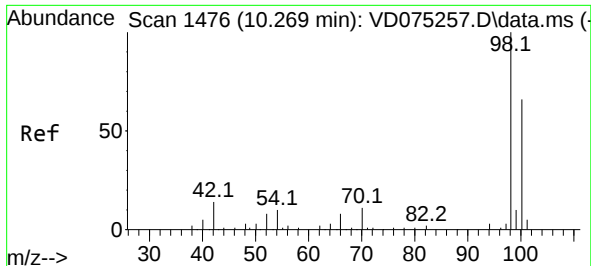
Ion Ratio Lower Upper

113 100

111 105.7 80.1 120.1

192 18.2 15.4 23.0

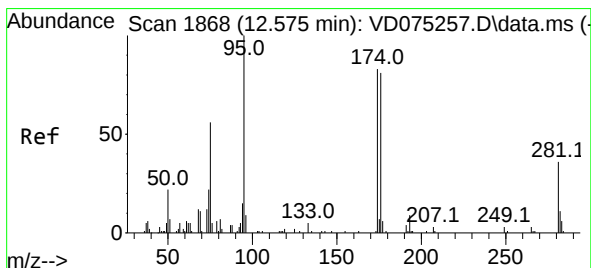
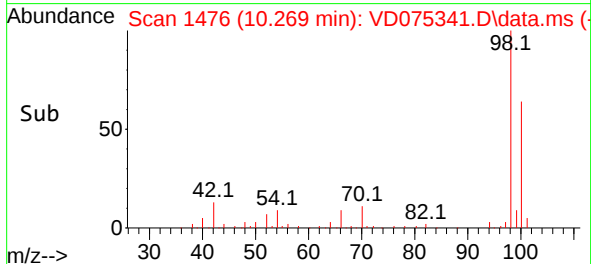
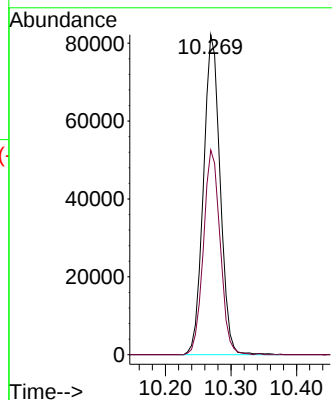
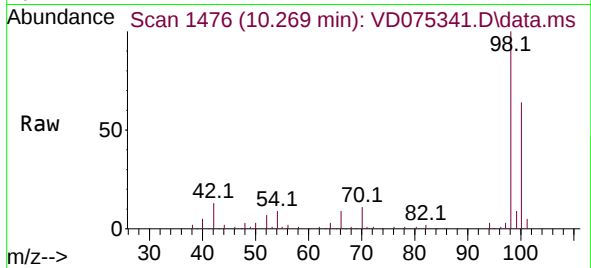




#50
Toluene-d8
Concen: 47.507 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075341.D
Acq: 14 Feb 2023 14:15

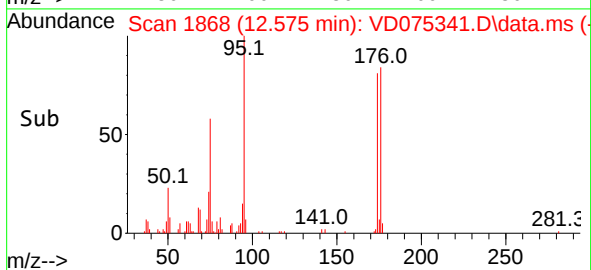
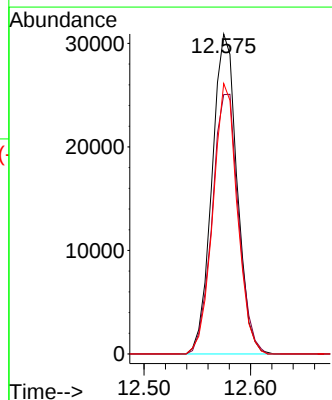
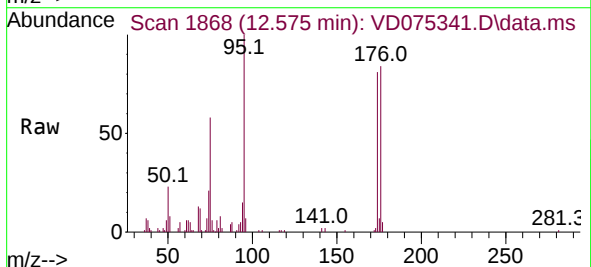
Instrument :
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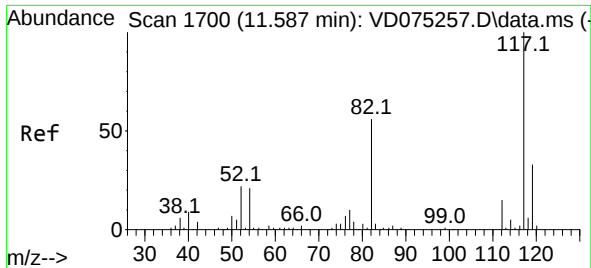
Tgt Ion: 98 Resp: 145589
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.987 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075341.D
Acq: 14 Feb 2023 14:15

Tgt Ion: 95 Resp: 50512
Ion Ratio Lower Upper
95 100
174 85.0 0.0 161.2
176 82.0 0.0 160.2

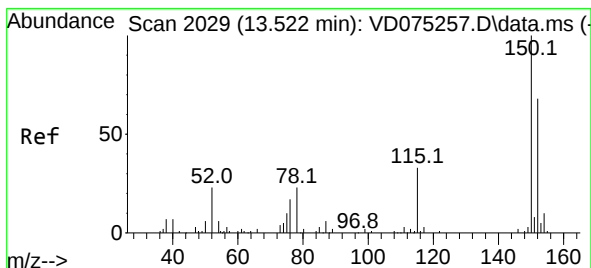
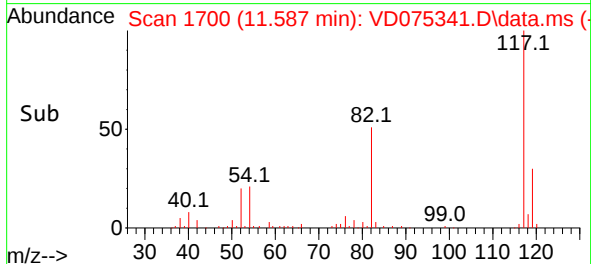
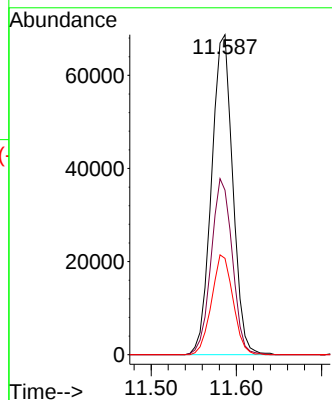
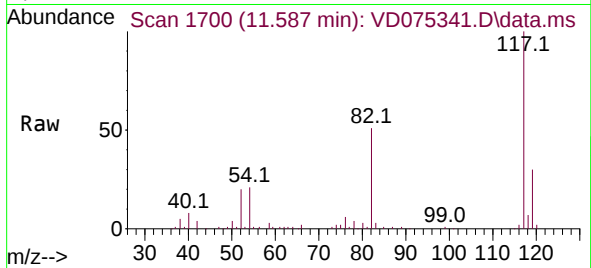




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075341.D
Acq: 14 Feb 2023 14:15

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-20

Tgt Ion:117 Resp: 119075
Ion Ratio Lower Upper
117 100
82 51.4 39.6 59.4
119 30.1 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: VD075341.D
Acq: 14 Feb 2023 14:15

Tgt Ion:152 Resp: 56217
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.4
150 157.0 0.0 348.6

