

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075281.D
 Acq On : 08 Feb 2023 19:36
 Operator : KP/SY
 Sample : 01463-10
 Misc : 3.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-36

Quant Time: Feb 09 05:43:35 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	66413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	132033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	131506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	62002	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	40225	51.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.300%
35) Dibromofluoromethane	7.810	113	41033	44.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.640%
50) Toluene-d8	10.269	98	163135	46.464	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.920%
62) 4-Bromofluorobenzene	12.575	95	56217	48.559	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.120%

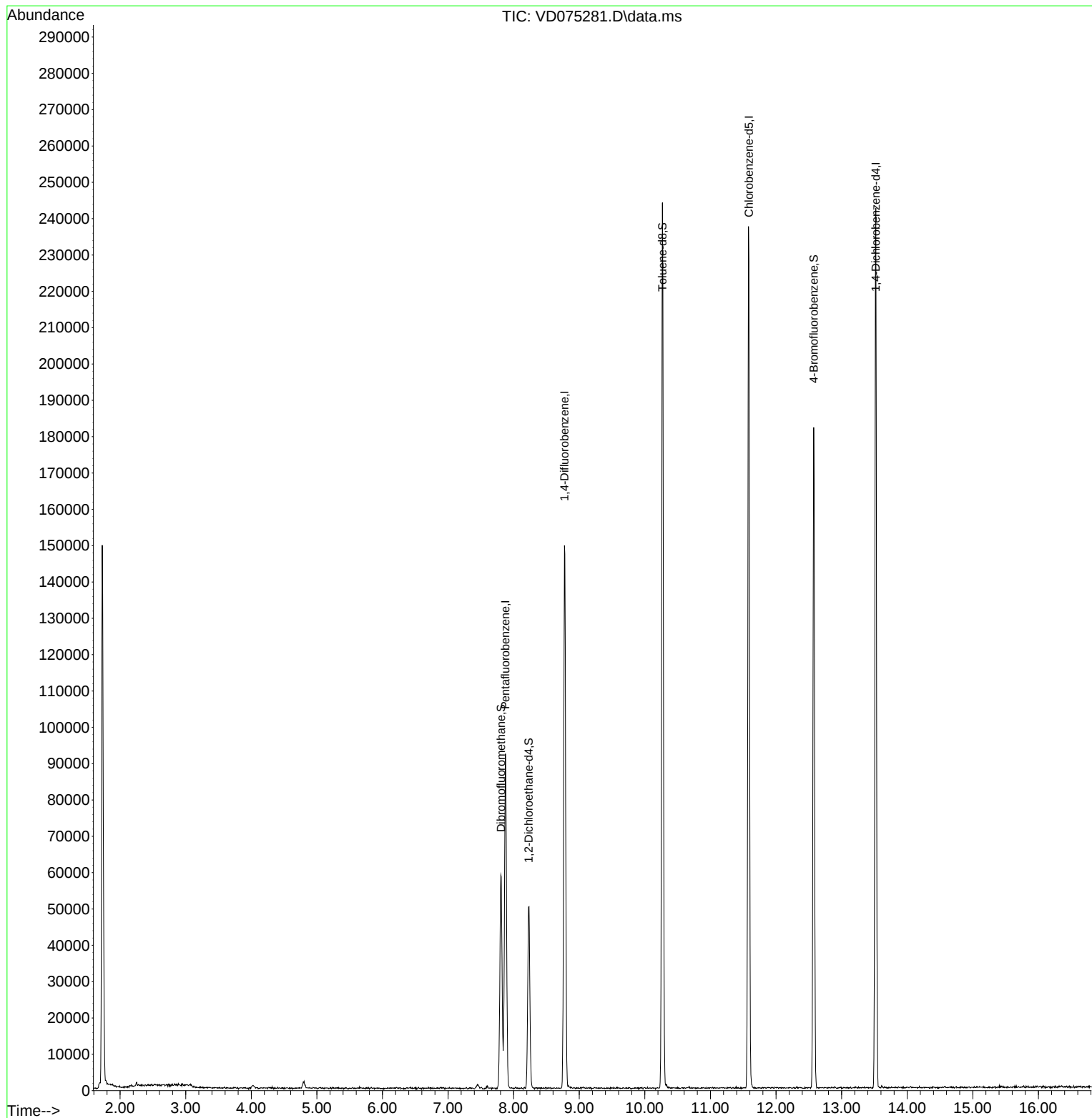
Target Compounds	Qvalue

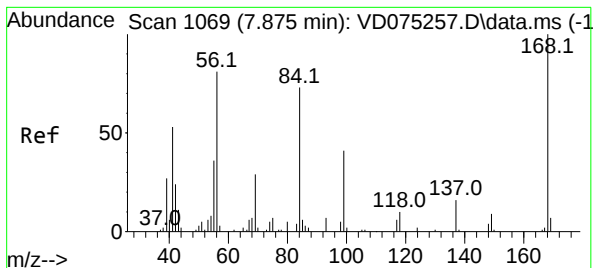
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075281.D
Acq On : 08 Feb 2023 19:36
Operator : KP/SY
Sample : 01463-10
Misc : 3.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-36

Quant Time: Feb 09 05:43:35 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD075281.D

Acq: 08 Feb 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :

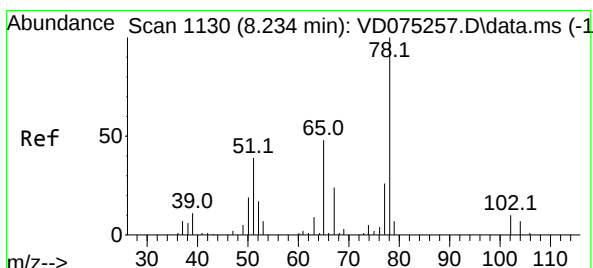
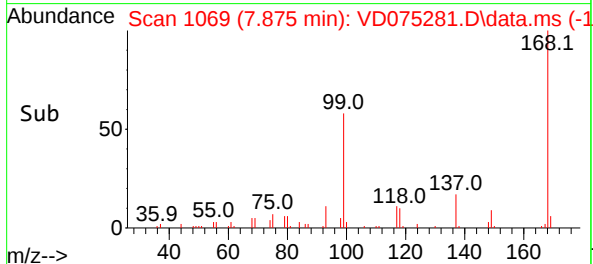
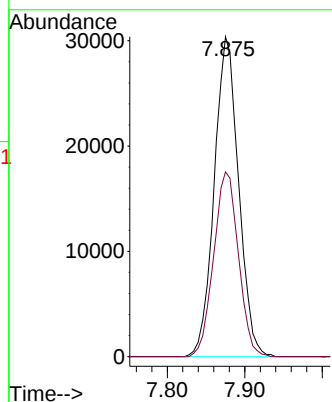
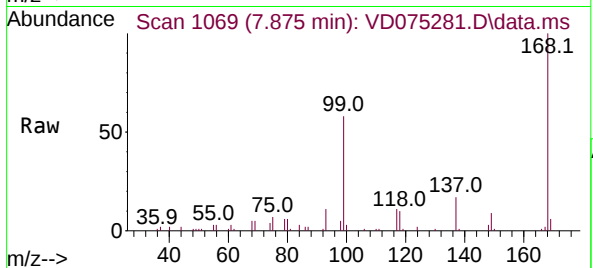
TOT-VOC-GRAB-36

Tgt Ion:168 Resp: 66413

Ion Ratio Lower Upper

168 100

99 57.7 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 51.653 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075281.D

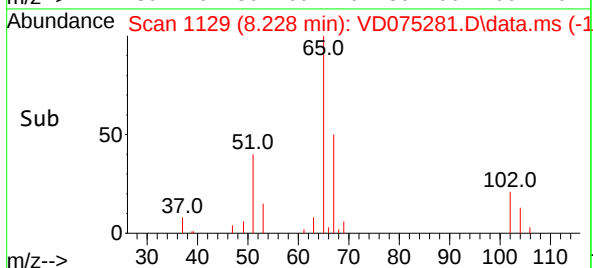
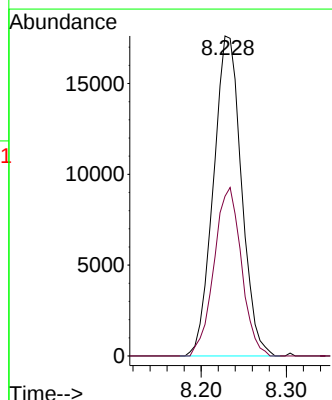
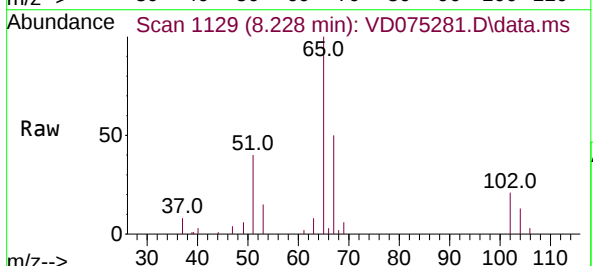
Acq: 08 Feb 2023 19:36

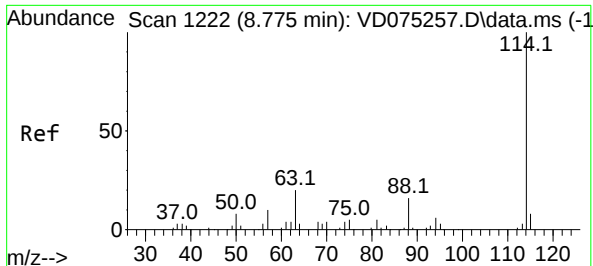
Tgt Ion: 65 Resp: 40225

Ion Ratio Lower Upper

65 100

67 51.5 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: VD075281.D

Acq: 08 Feb 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-36

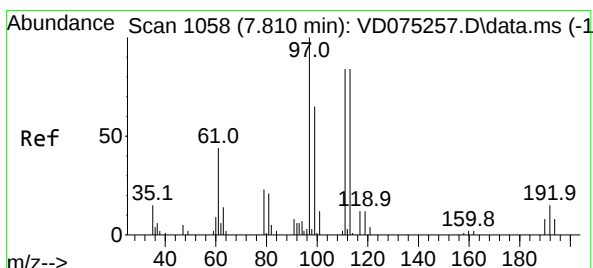
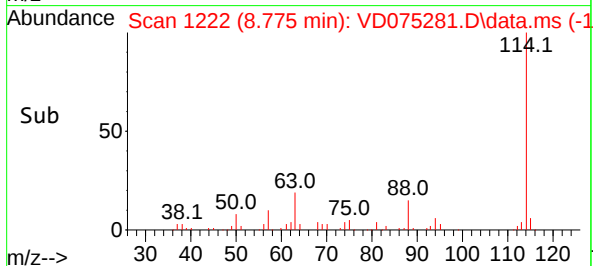
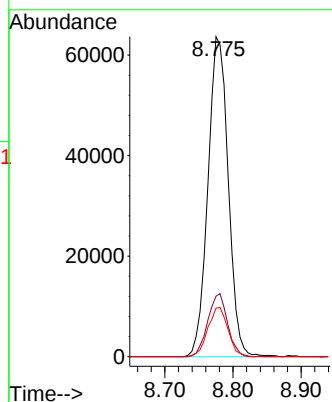
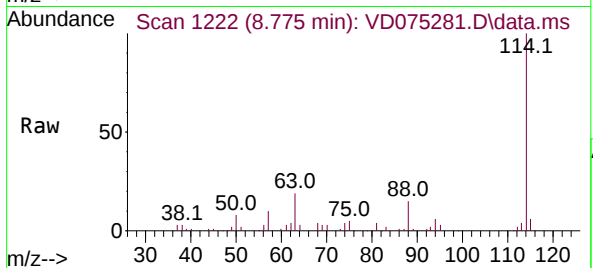
Tgt Ion:114 Resp: 132033

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.2

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.321 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075281.D

Acq: 08 Feb 2023 19:36

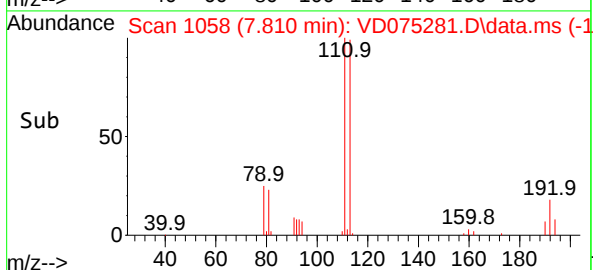
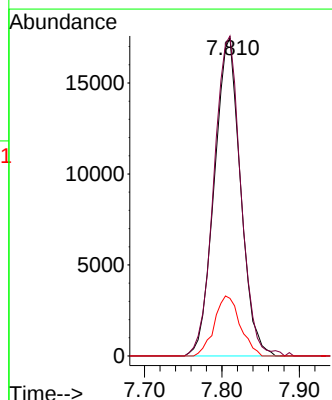
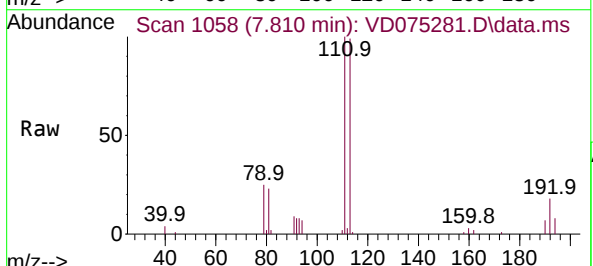
Tgt Ion:113 Resp: 41033

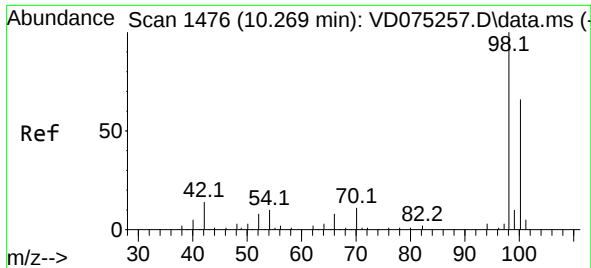
Ion Ratio Lower Upper

113 100

111 103.3 80.1 120.1

192 18.6 15.4 23.0

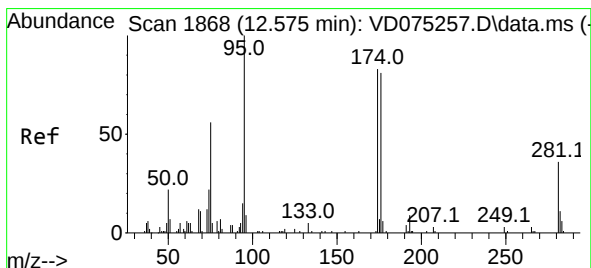
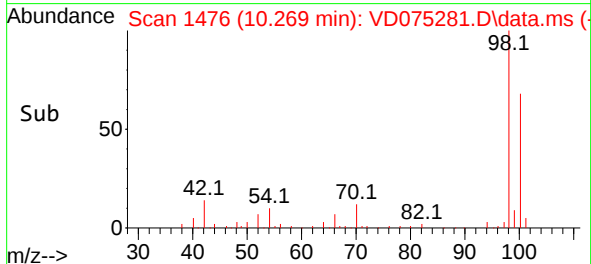
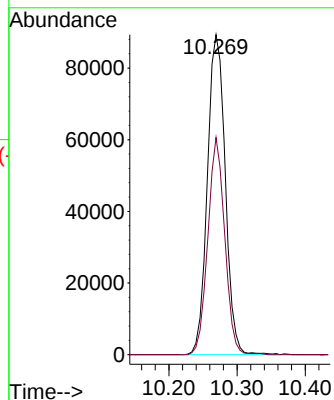
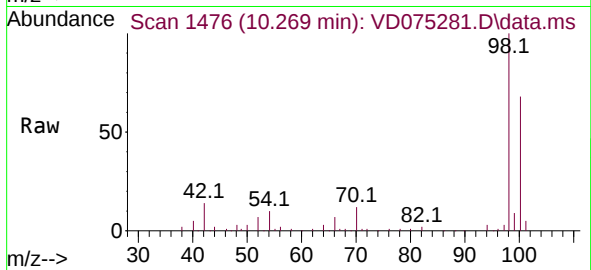




#50
Toluene-d8
Concen: 46.464 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075281.D
Acq: 08 Feb 2023 19:36

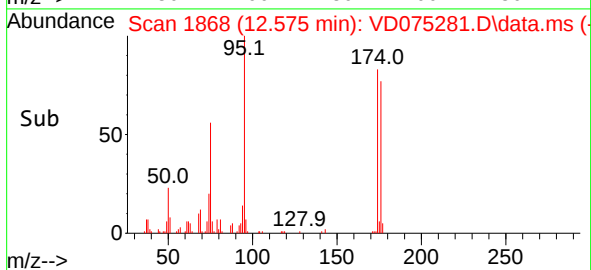
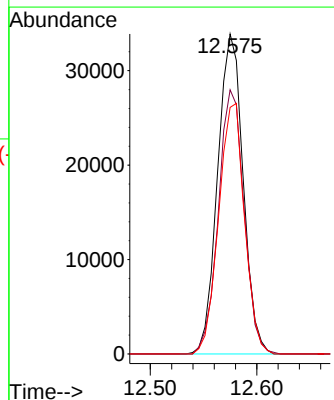
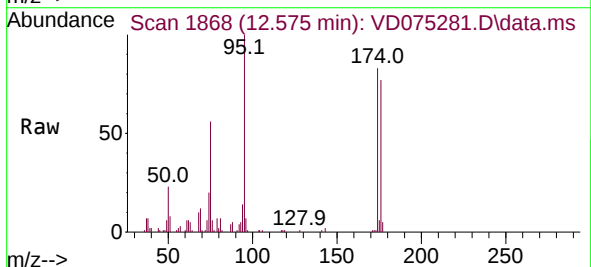
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-36

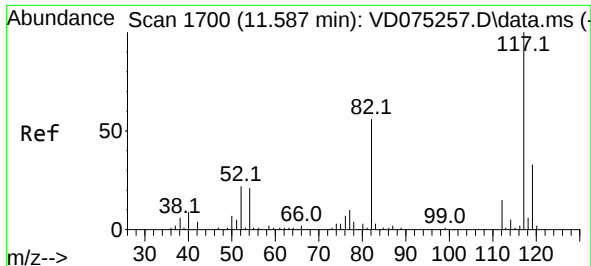
Tgt Ion: 98 Resp: 163135
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.559 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075281.D
Acq: 08 Feb 2023 19:36

Tgt Ion: 95 Resp: 56217
Ion Ratio Lower Upper
95 100
174 83.0 0.0 161.2
176 79.4 0.0 160.2

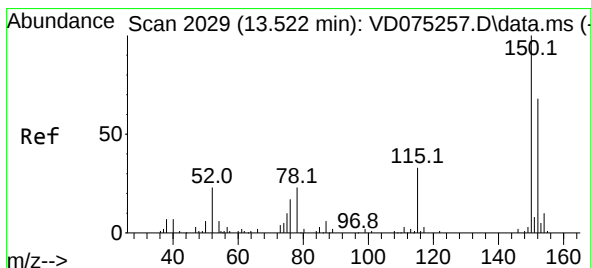
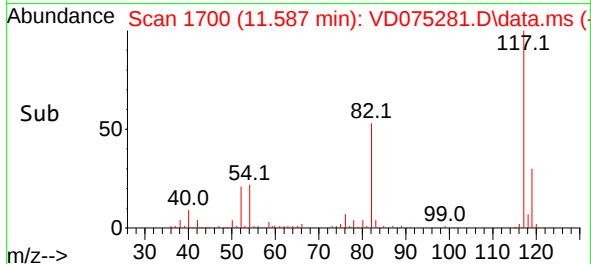
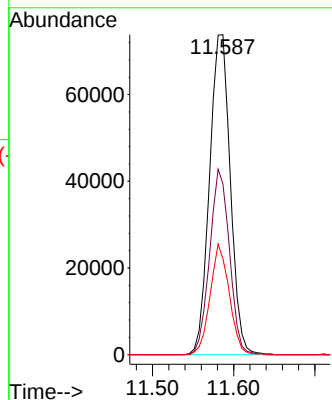
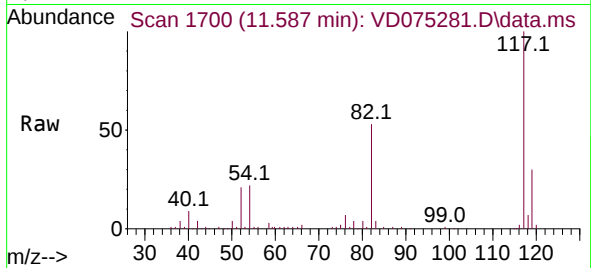




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075281.D
Acq: 08 Feb 2023 19:36

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-36

Tgt Ion:117 Resp: 131506
Ion Ratio Lower Upper
117 100
82 53.3 39.6 59.4
119 30.0 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: VD075281.D
Acq: 08 Feb 2023 19:36

Tgt Ion:152 Resp: 62002
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.4
150 155.7 0.0 348.6

