

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075272.D
 Acq On : 08 Feb 2023 15:25
 Operator : KP/SY
 Sample : 01463-18
 Misc : 2.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-48

Quant Time: Feb 09 05:42:01 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	66270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	128747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	129888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	60677	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	39940	51.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.800%
35) Dibromofluoromethane	7.810	113	41501	45.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.940%
50) Toluene-d8	10.269	98	162460	47.452	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.575	95	54676	48.433	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.860%

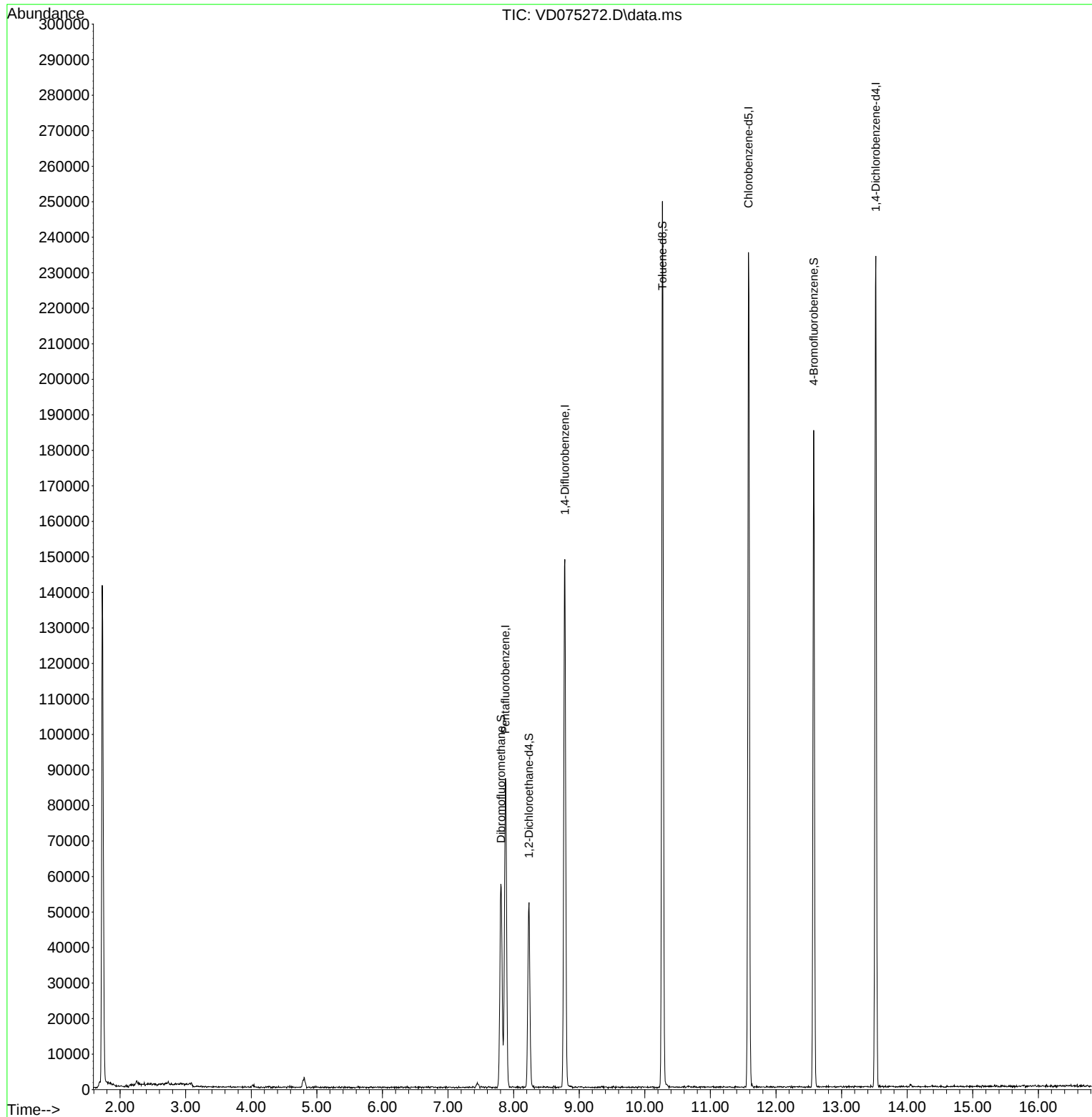
Target Compounds	Qvalue

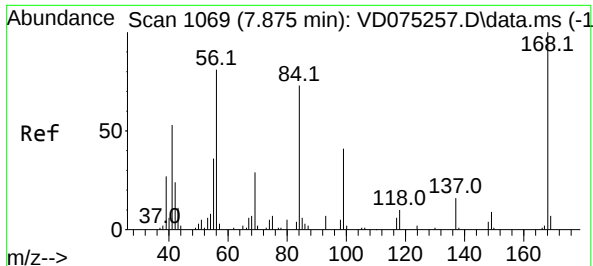
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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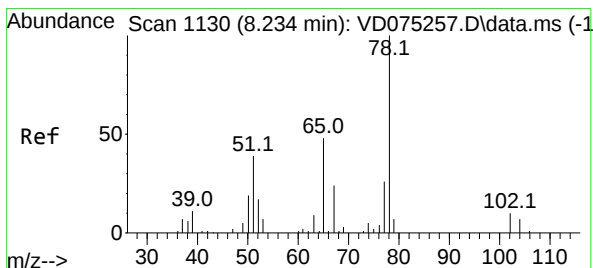
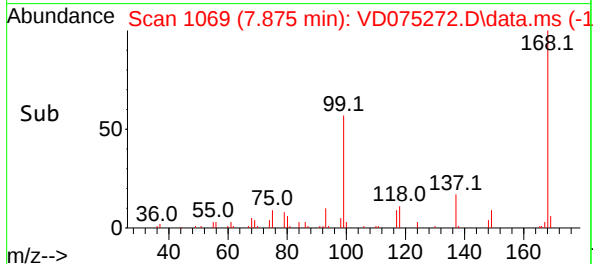
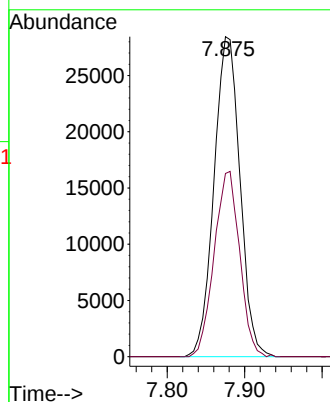
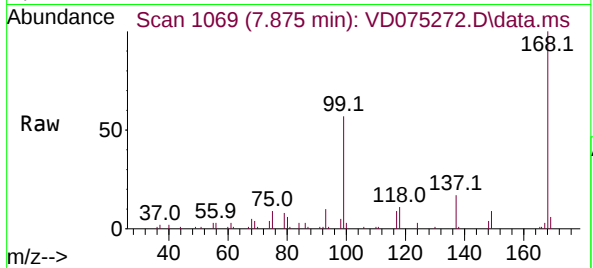




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075272.D
Acq: 08 Feb 2023 15:25

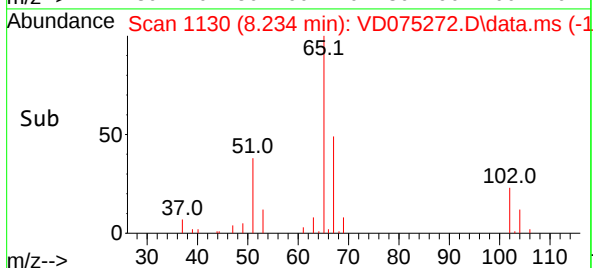
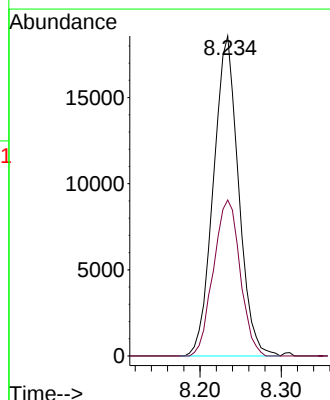
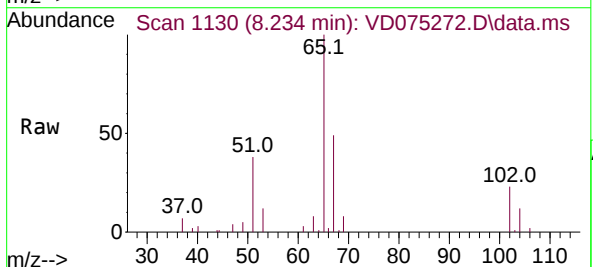
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-48

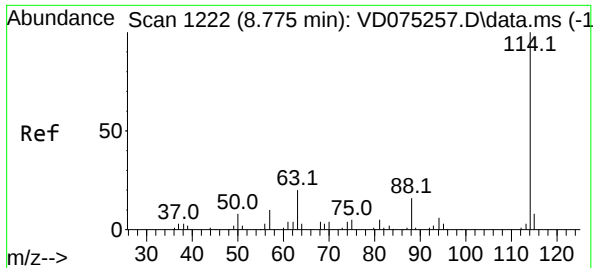
Tgt Ion:168 Resp: 66270
Ion Ratio Lower Upper
168 100
99 57.3 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 51.398 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075272.D
Acq: 08 Feb 2023 15:25

Tgt Ion: 65 Resp: 39940
Ion Ratio Lower Upper
65 100
67 51.6 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: VD075272.D

Acq: 08 Feb 2023 15:25

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-48

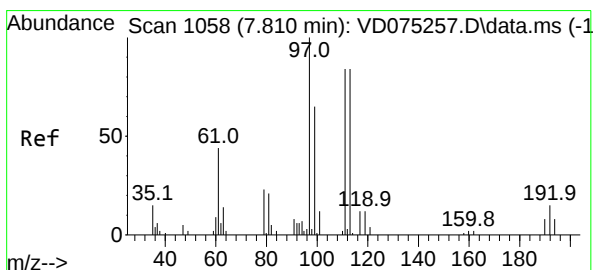
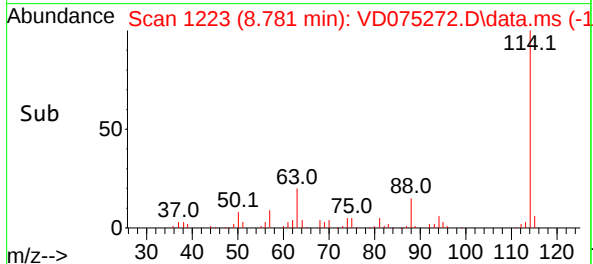
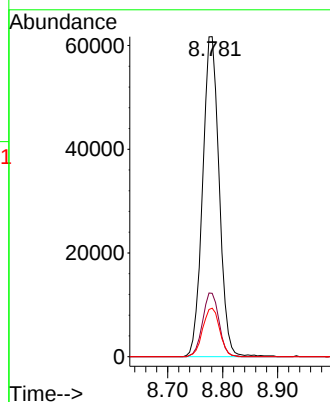
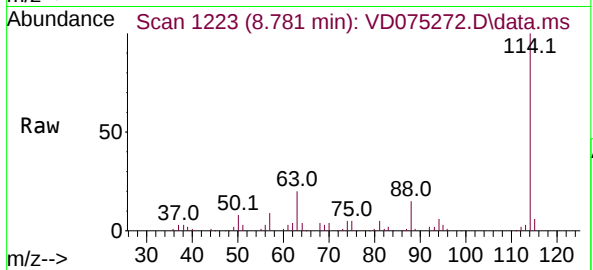
Tgt Ion:114 Resp: 128747

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.971 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075272.D

Acq: 08 Feb 2023 15:25

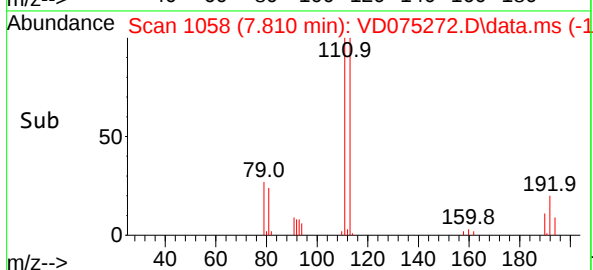
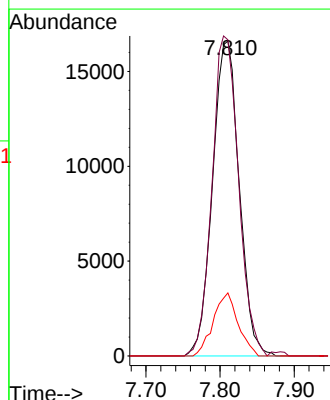
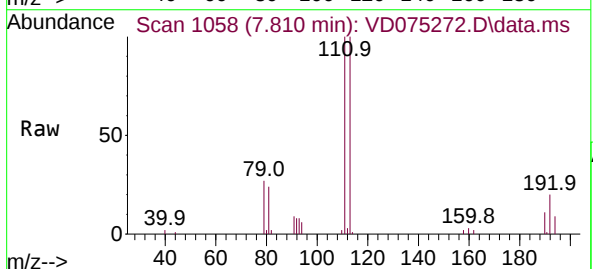
Tgt Ion:113 Resp: 41501

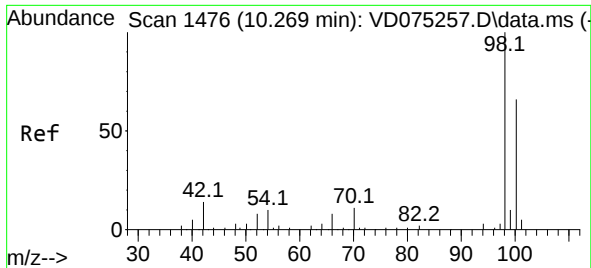
Ion Ratio Lower Upper

113 100

111 101.0 80.1 120.1

192 18.6 15.4 23.0

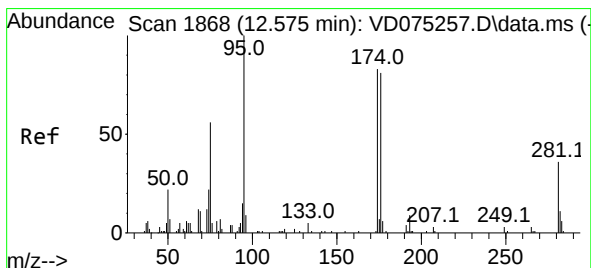
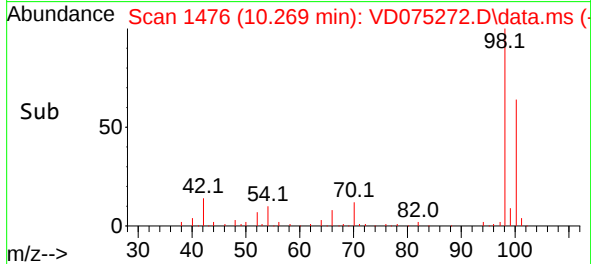
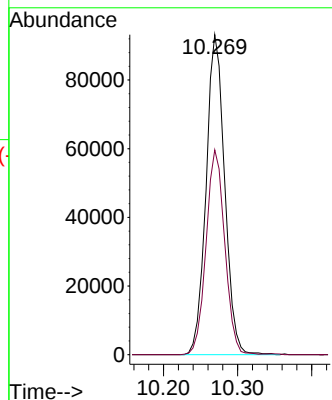
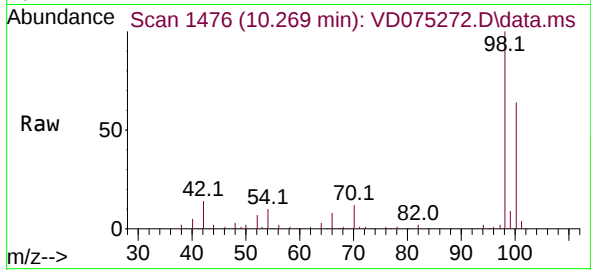




#50
Toluene-d8
Concen: 47.452 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075272.D
Acq: 08 Feb 2023 15:25

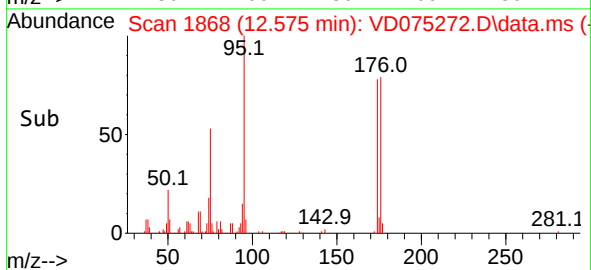
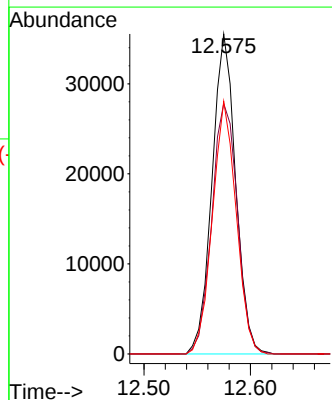
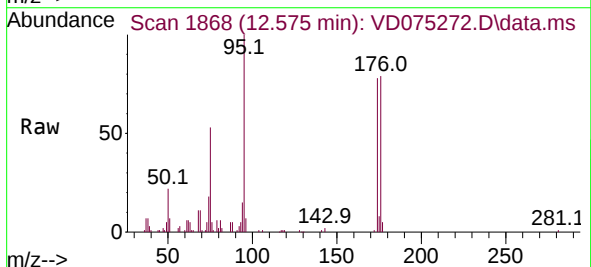
Instrument :
MSVOA_D
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TOT-VOC-GRAB-48

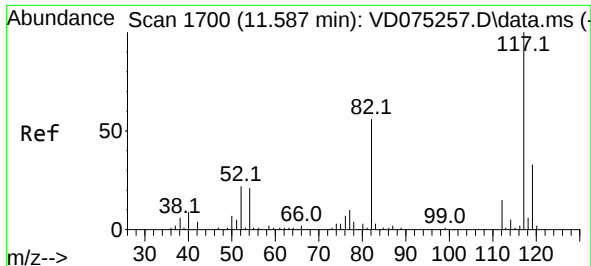
Tgt Ion: 98 Resp: 162460
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.433 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075272.D
Acq: 08 Feb 2023 15:25

Tgt Ion: 95 Resp: 54676
Ion Ratio Lower Upper
95 100
174 84.8 0.0 161.2
176 79.6 0.0 160.2

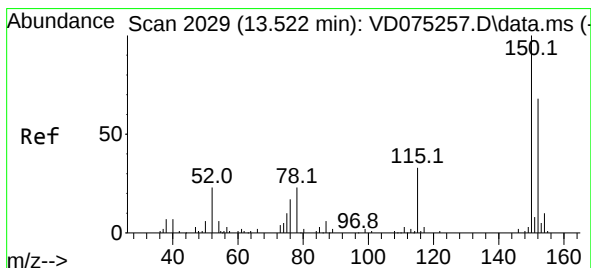
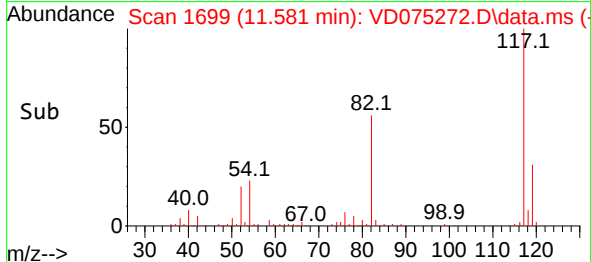
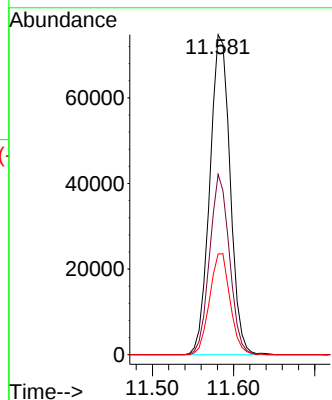
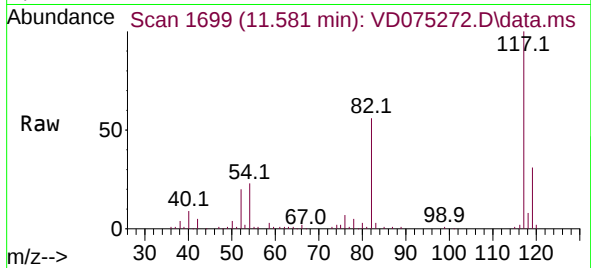




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075272.D
Acq: 08 Feb 2023 15:25

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-48

Tgt Ion:117 Resp: 129888
Ion Ratio Lower Upper
117 100
82 56.4 39.6 59.4
119 31.5 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: VD075272.D
Acq: 08 Feb 2023 15:25

Tgt Ion:152 Resp: 60677
Ion Ratio Lower Upper
152 100
115 58.5 28.8 86.4
150 158.1 0.0 348.6

