

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075267.D
 Acq On : 08 Feb 2023 13:06
 Operator : KP/SY
 Sample : 01463-03
 Misc : 3.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-28

Quant Time: Feb 09 05:41:10 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)

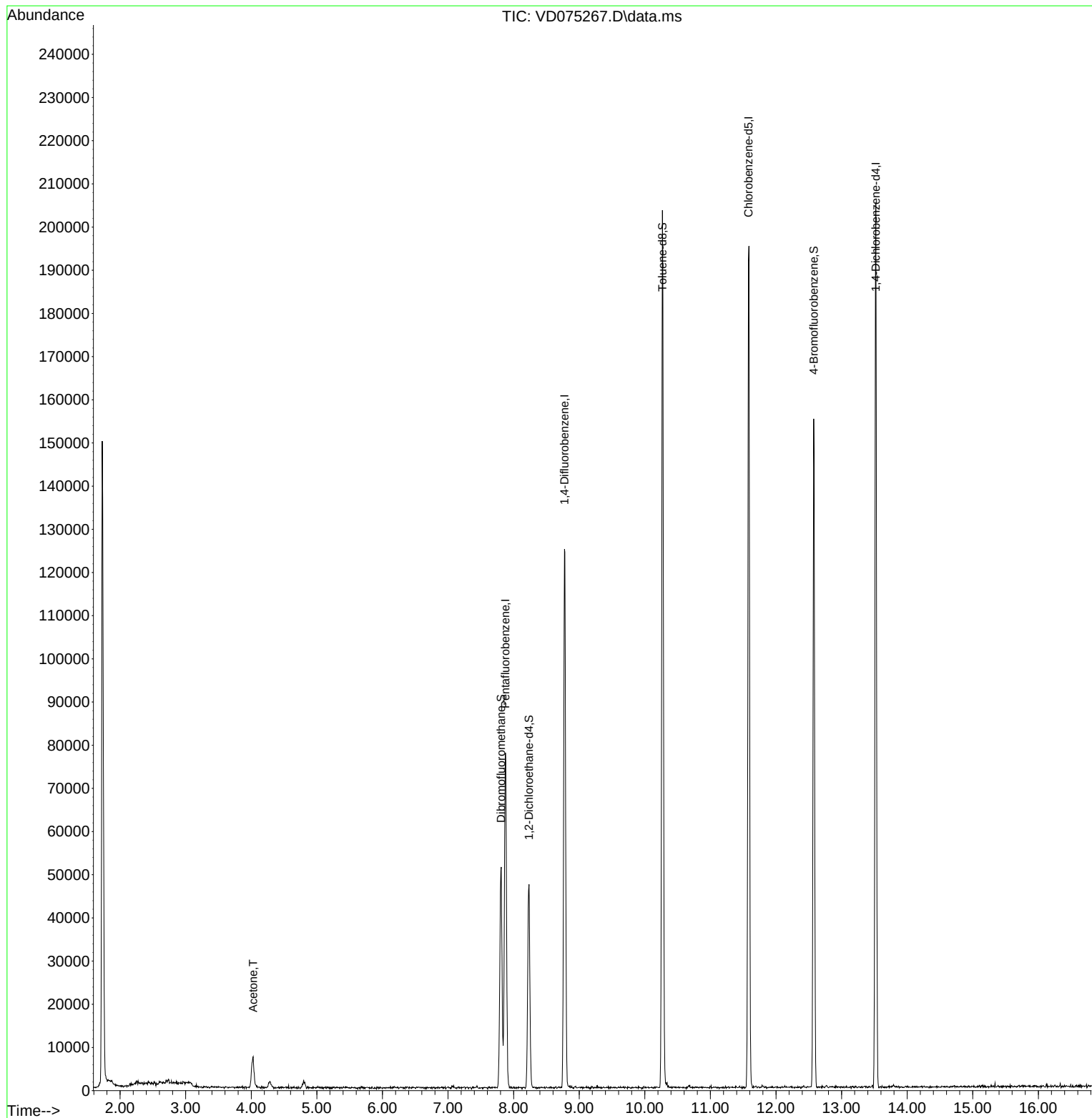
Internal Standards						
1) Pentafluorobenzene	7.875	168	58453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	109311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	109981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	51825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	37780	55.120	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.240%
35) Dibromofluoromethane	7.811	113	35437	46.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.460%
50) Toluene-d8	10.269	98	134197	46.167	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.340%
62) 4-Bromofluorobenzene	12.575	95	47936	50.013	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.020%
Target Compounds						
16) Acetone	4.028	43	12893	71.139	ug/l	Qvalue # 87

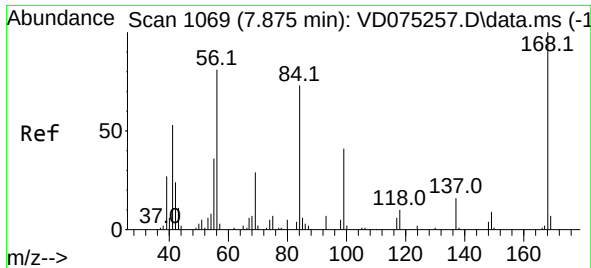
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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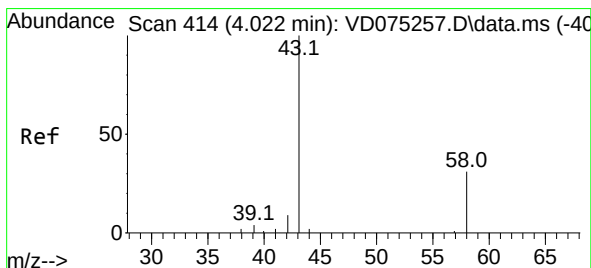
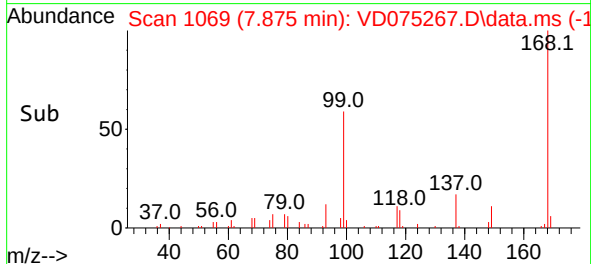
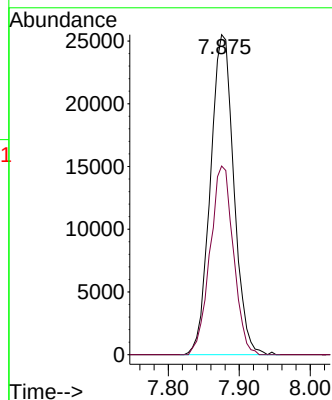
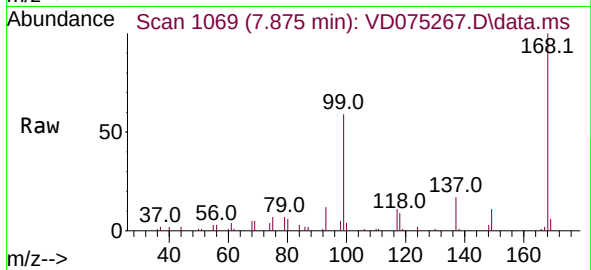




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075267.D
Acq: 08 Feb 2023 13:06

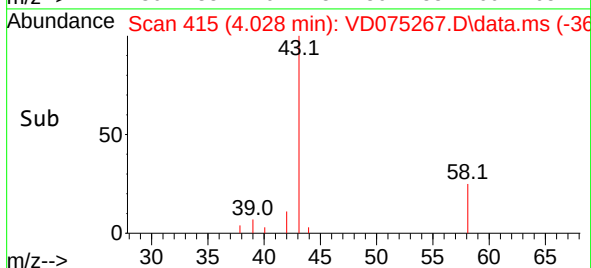
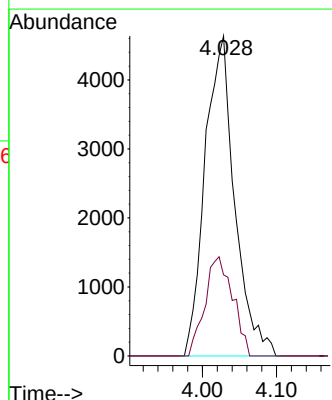
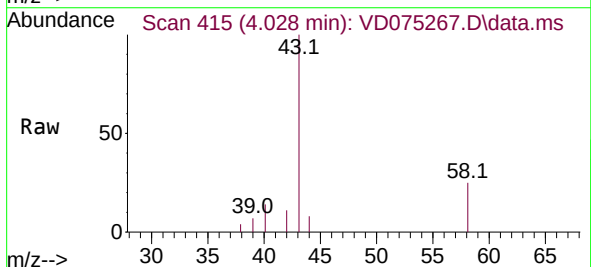
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-28

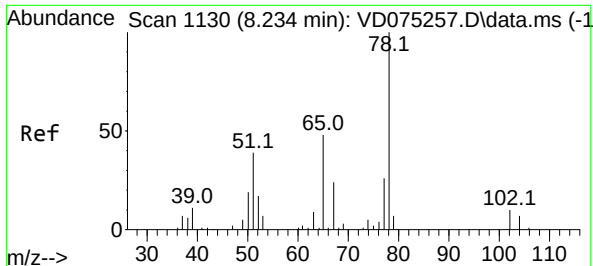
Tgt Ion:168 Resp: 58453
Ion Ratio Lower Upper
168 100
99 59.0 45.2 67.8



#16
Acetone
Concen: 71.139 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075267.D
Acq: 08 Feb 2023 13:06

Tgt Ion: 43 Resp: 12893
Ion Ratio Lower Upper
43 100
58 25.3 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 55.120 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075267.D

Acq: 08 Feb 2023 13:06

Instrument :

MSVOA_D

ClientSampleId :

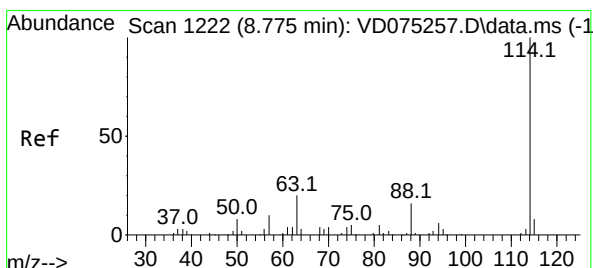
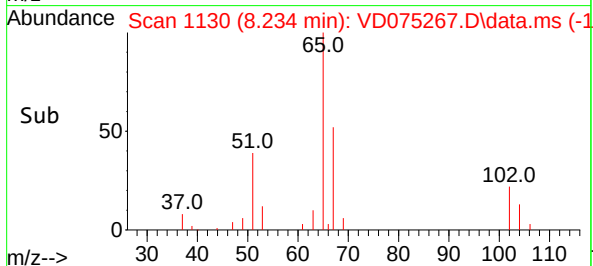
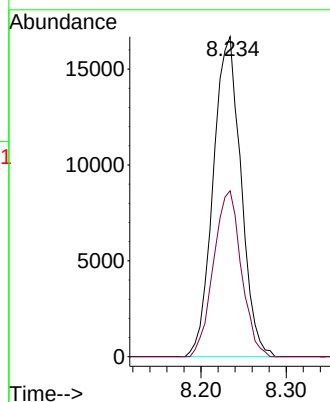
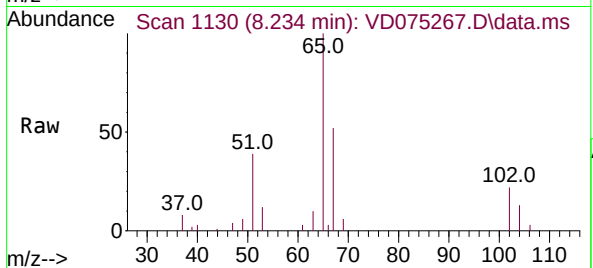
TOT-VOC-GRAB-28

Tgt Ion: 65 Resp: 37780

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075267.D

Acq: 08 Feb 2023 13:06

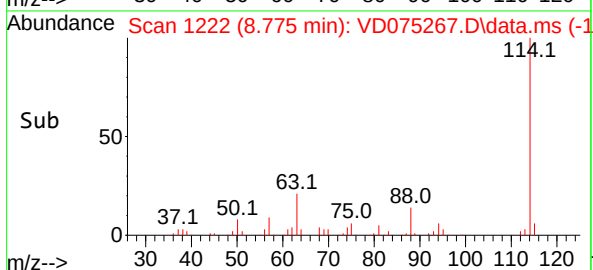
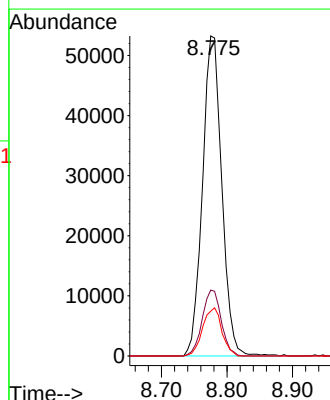
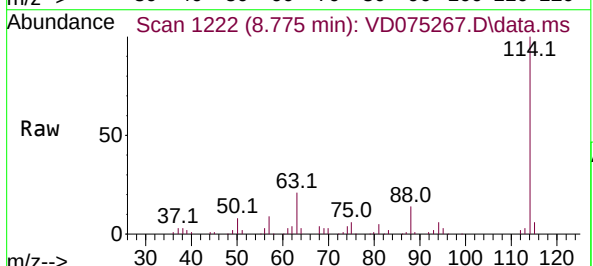
Tgt Ion: 114 Resp: 109311

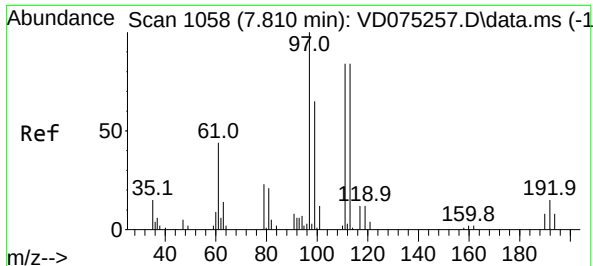
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 14.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 46.233 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VD075267.D

Acq: 08 Feb 2023 13:06

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-28

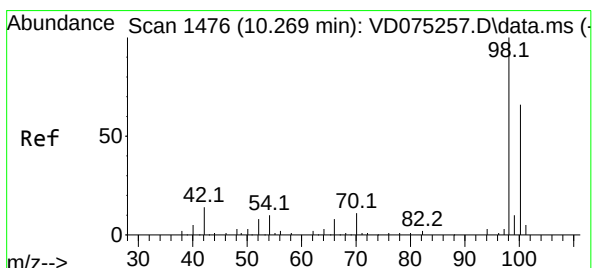
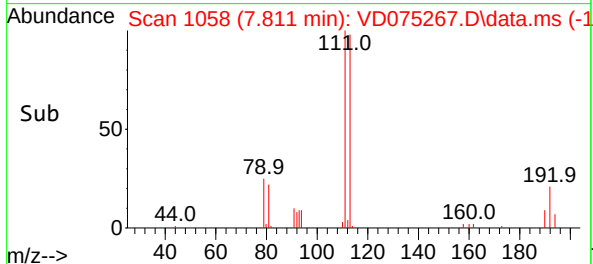
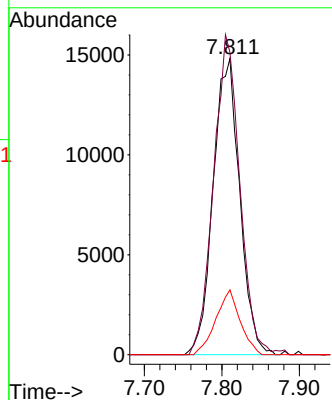
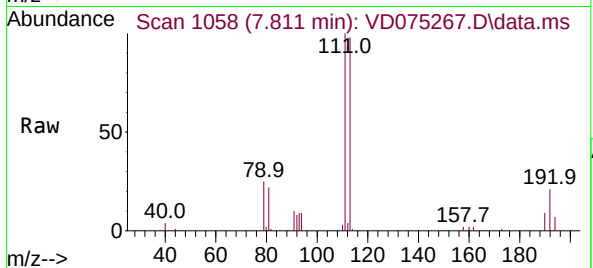
Tgt Ion:113 Resp: 35437

Ion Ratio Lower Upper

113 100

111 106.6 80.1 120.1

192 20.0 15.4 23.0



#50

Toluene-d8

Concen: 46.167 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075267.D

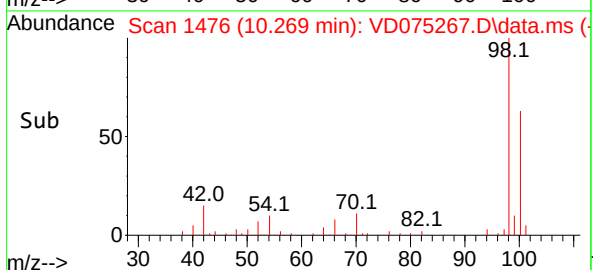
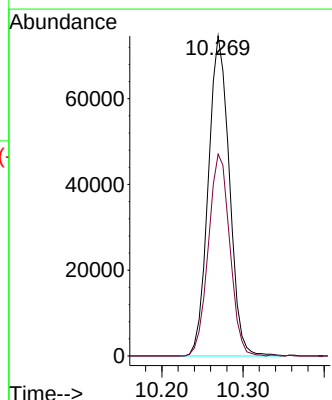
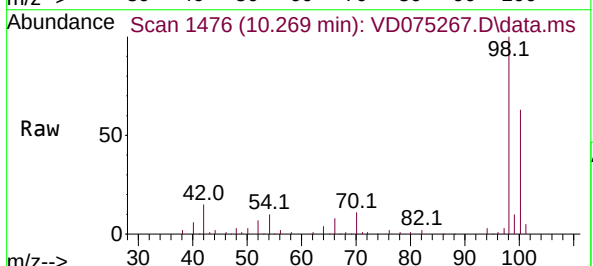
Acq: 08 Feb 2023 13:06

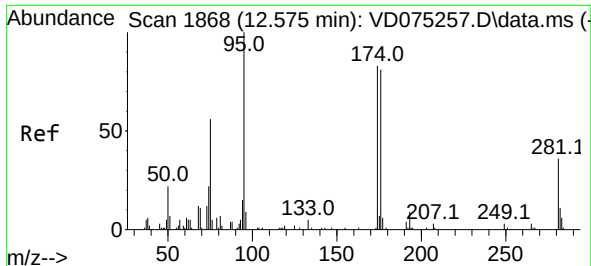
Tgt Ion: 98 Resp: 134197

Ion Ratio Lower Upper

98 100

100 64.2 52.7 79.1

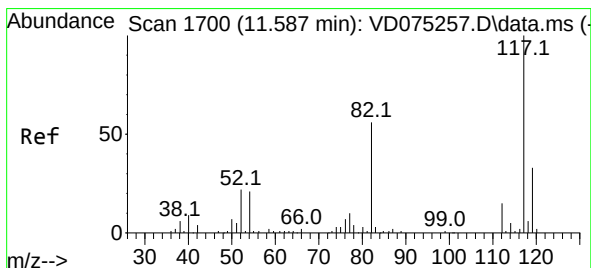
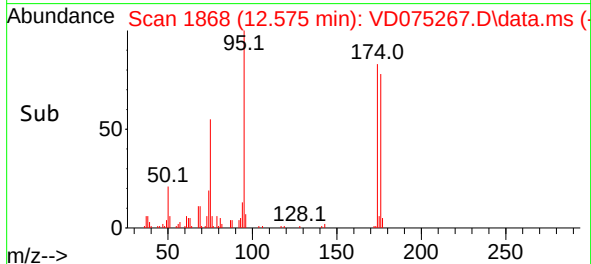
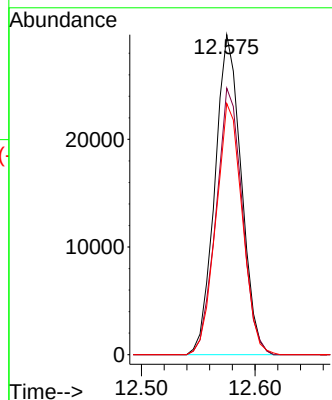
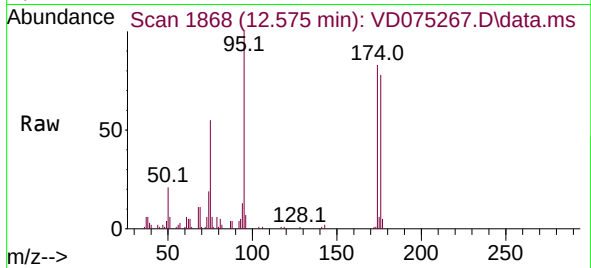




#62
4-Bromofluorobenzene
Concen: 50.013 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075267.D
Acq: 08 Feb 2023 13:06

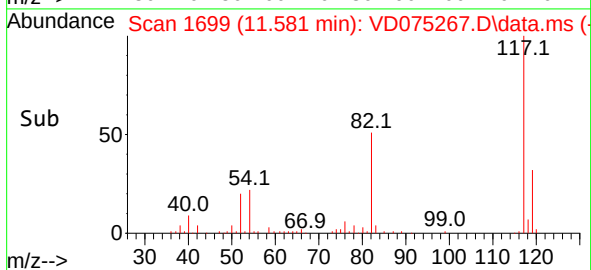
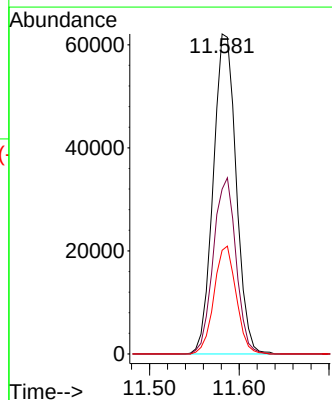
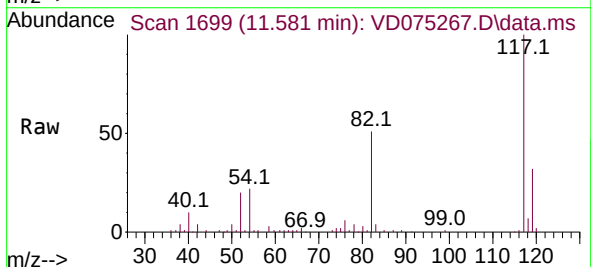
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MSVOA_D
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TOT-VOC-GRAB-28

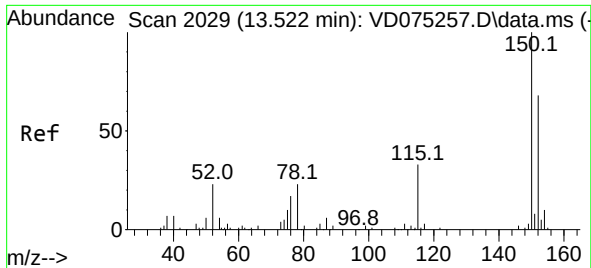
Tgt Ion: 95 Resp: 47936
Ion Ratio Lower Upper
95 100
174 82.6 0.0 161.2
176 78.6 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075267.D
Acq: 08 Feb 2023 13:06

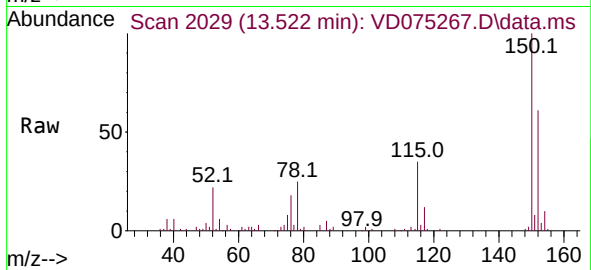
Tgt Ion: 117 Resp: 109981
Ion Ratio Lower Upper
117 100
82 51.5 39.6 59.4
119 32.4 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075267.D
 Acq: 08 Feb 2023 13:06

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-28



Tgt Ion:152 Resp: 51825
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.8 86.4
 150 159.1 0.0 348.6

