

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075268.D
 Acq On : 08 Feb 2023 13:34
 Operator : KP/SY
 Sample : 01463-04
 Misc : 3.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-32

Quant Time: Feb 09 05:41:22 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)

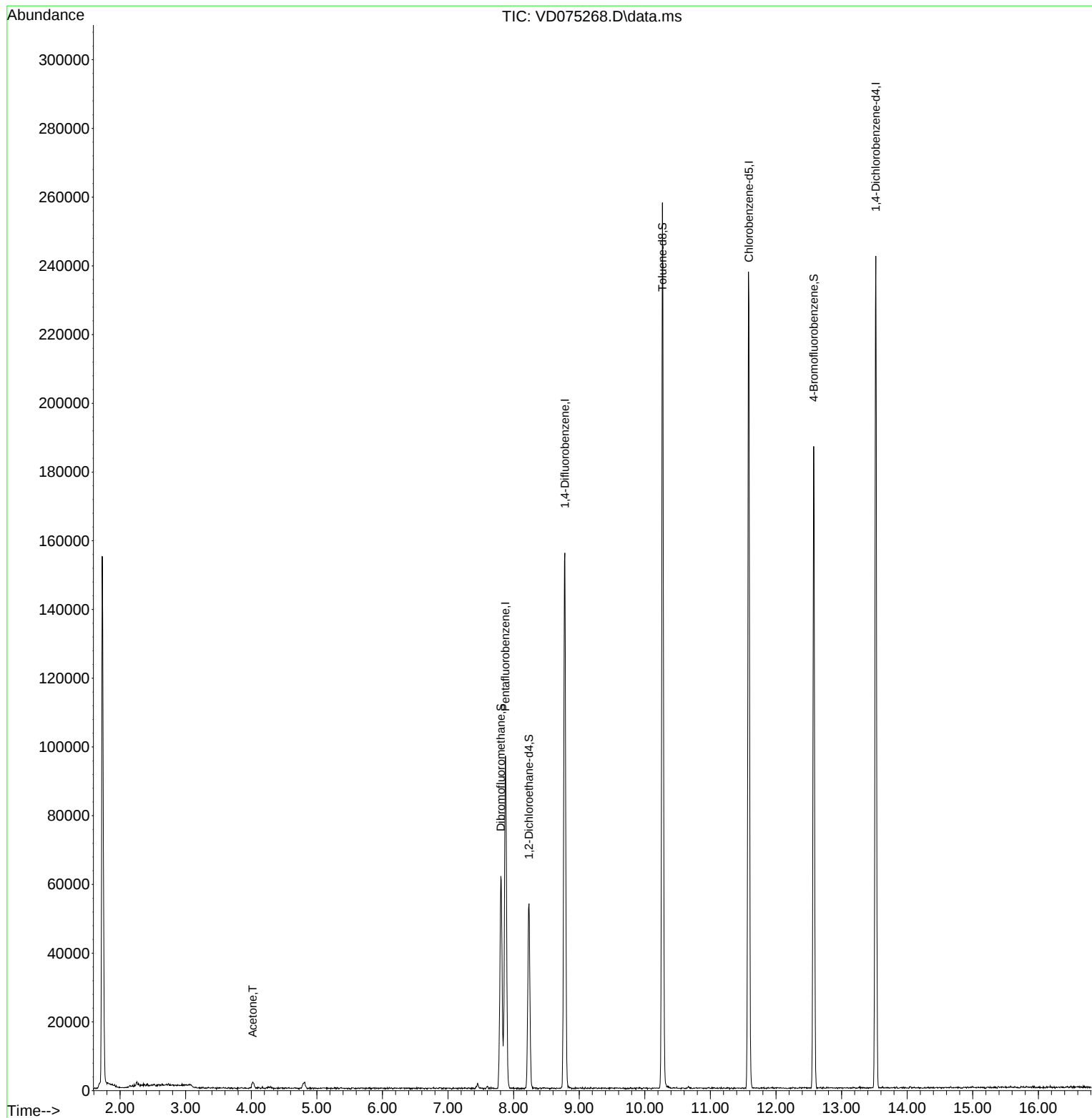
Internal Standards						
1) Pentafluorobenzene	7.875	168	71628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	135038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	133777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	61397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	42133	50.164	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.320%
35) Dibromofluoromethane	7.805	113	44045	46.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.040%
50) Toluene-d8	10.269	98	165869	46.191	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.380%
62) 4-Bromofluorobenzene	12.575	95	56104	47.383	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.760%
Target Compounds					Qvalue	
16) Acetone	4.022	43	3284	14.787	ug/l	95

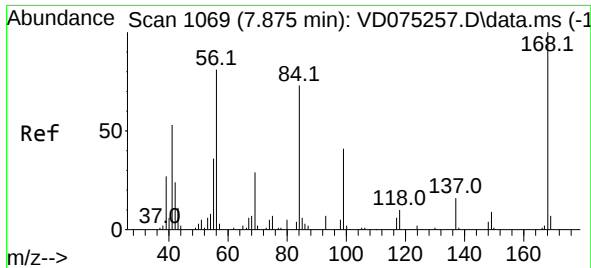
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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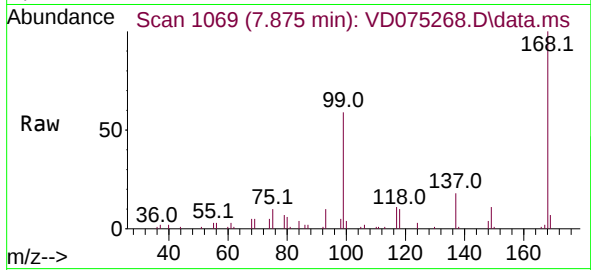
Quant Time: Feb 09 05:41:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
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Response via : Initial Calibration



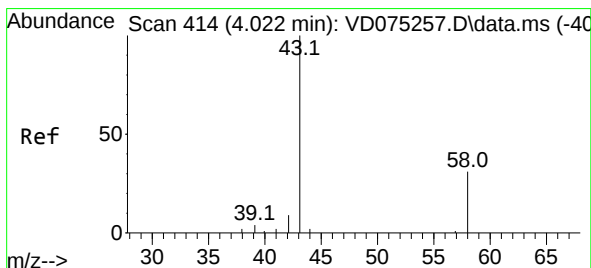
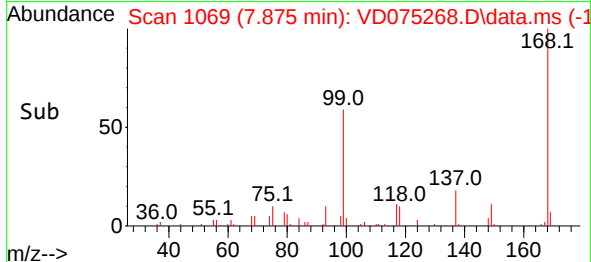
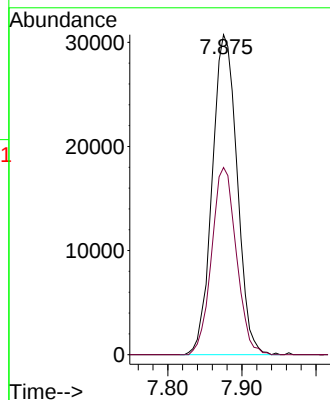


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075268.D
Acq: 08 Feb 2023 13:34

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-32

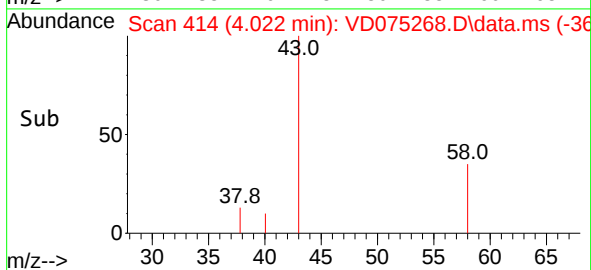
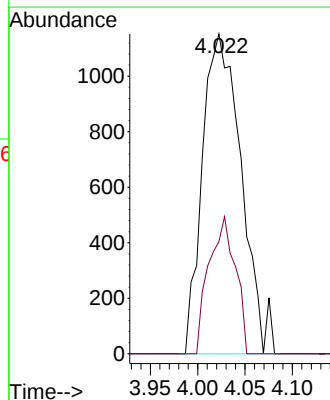
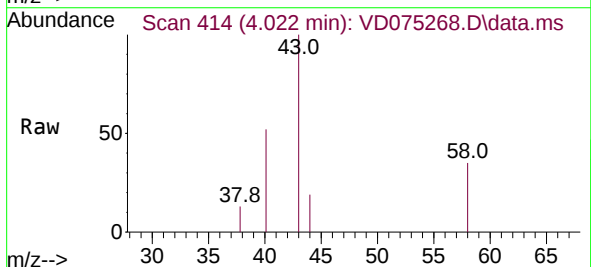


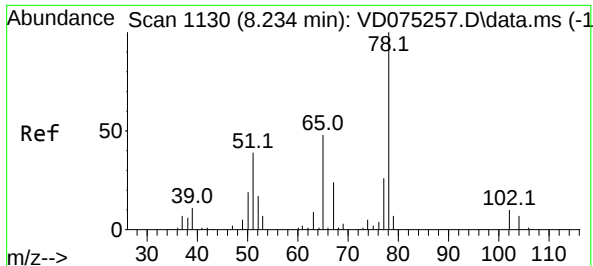
Tgt Ion:168 Resp: 71628
Ion Ratio Lower Upper
168 100
99 58.5 45.2 67.8



#16
Acetone
Concen: 14.787 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075268.D
Acq: 08 Feb 2023 13:34

Tgt Ion: 43 Resp: 3284
Ion Ratio Lower Upper
43 100
58 35.1 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 50.164 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075268.D

Acq: 08 Feb 2023 13:34

Instrument :

MSVOA_D

ClientSampleId :

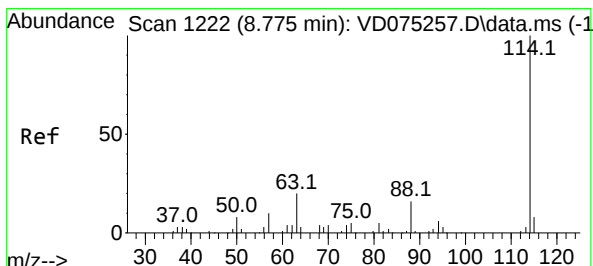
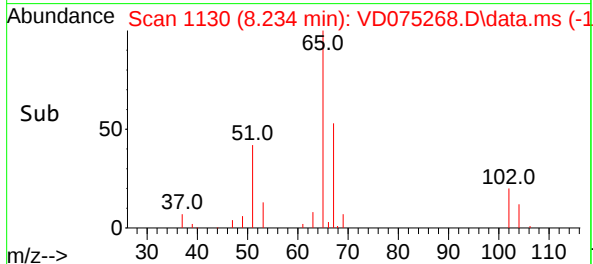
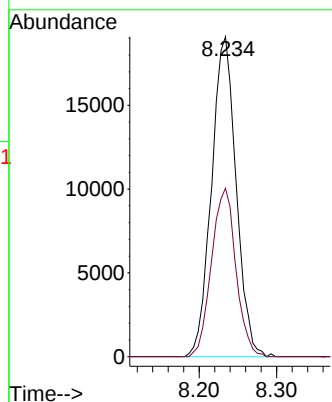
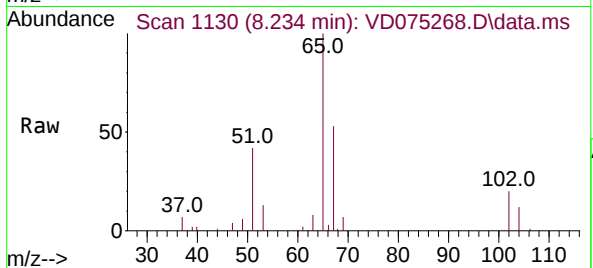
TOT-VOC-GRAB-32

Tgt Ion: 65 Resp: 42133

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075268.D

Acq: 08 Feb 2023 13:34

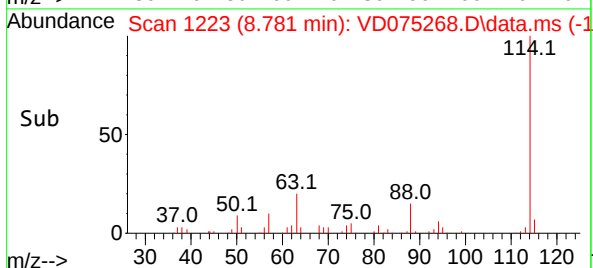
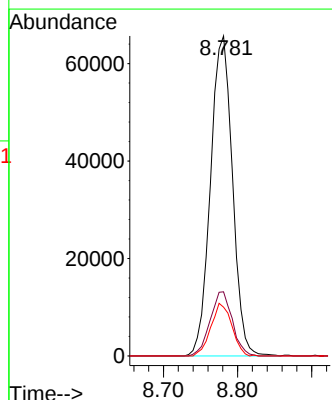
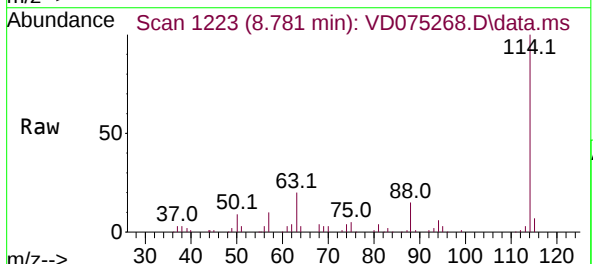
Tgt Ion: 114 Resp: 135038

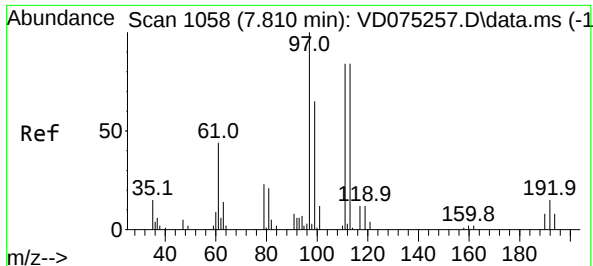
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 15.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 46.516 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075268.D

Acq: 08 Feb 2023 13:34

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-32

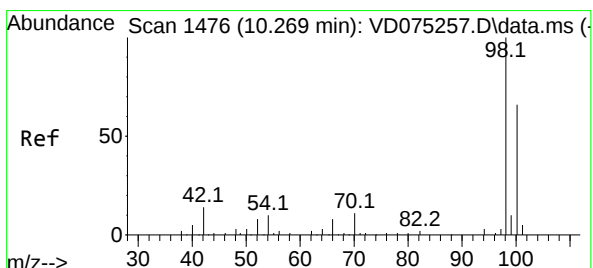
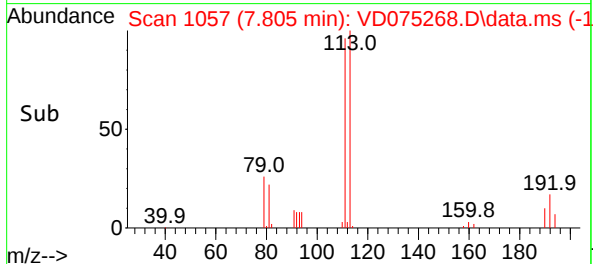
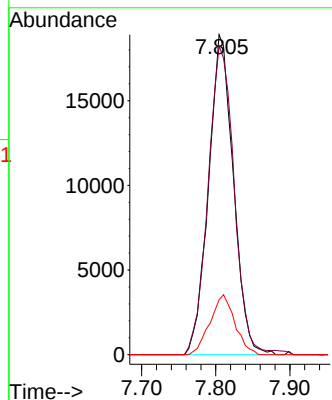
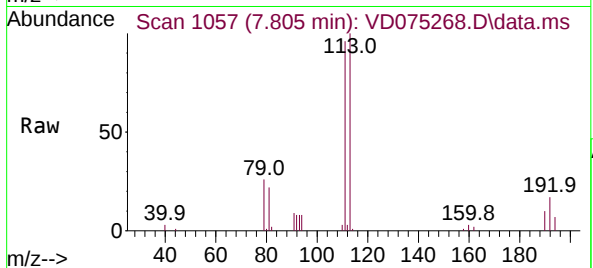
Tgt Ion:113 Resp: 44045

Ion Ratio Lower Upper

113 100

111 101.6 80.1 120.1

192 18.7 15.4 23.0



#50

Toluene-d8

Concen: 46.191 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075268.D

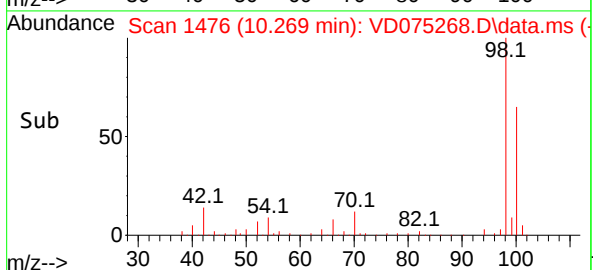
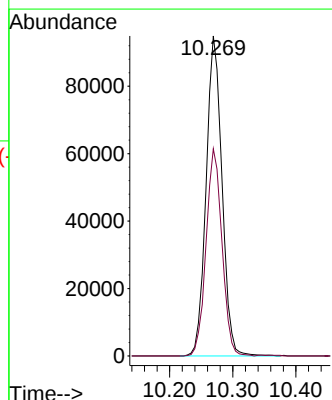
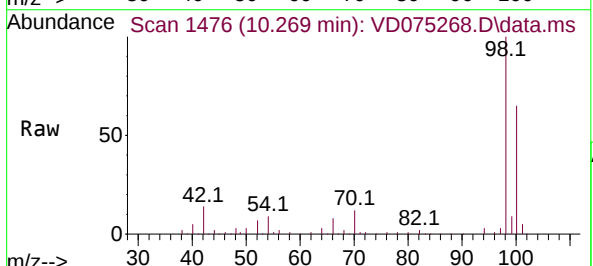
Acq: 08 Feb 2023 13:34

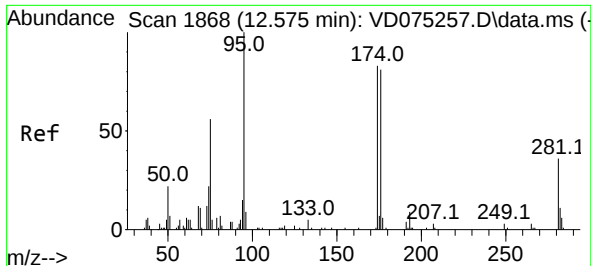
Tgt Ion: 98 Resp: 165869

Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1

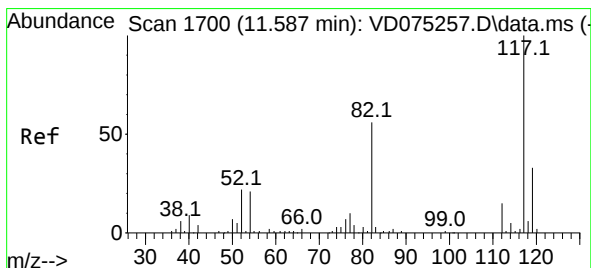
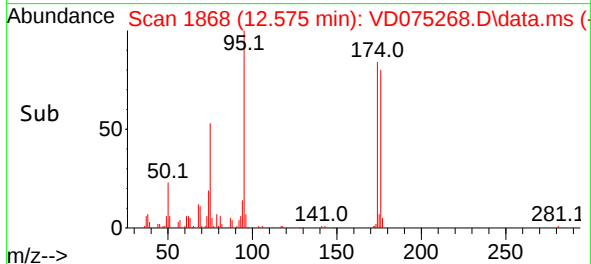
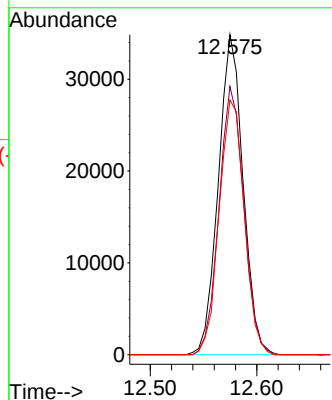
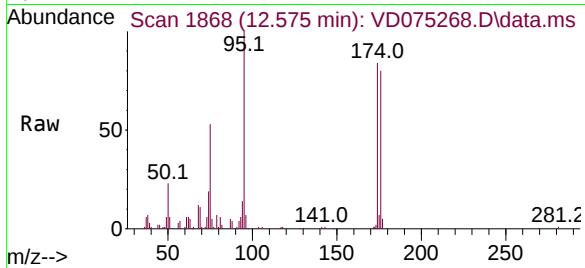




#62
4-Bromofluorobenzene
Concen: 47.383 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075268.D
Acq: 08 Feb 2023 13:34

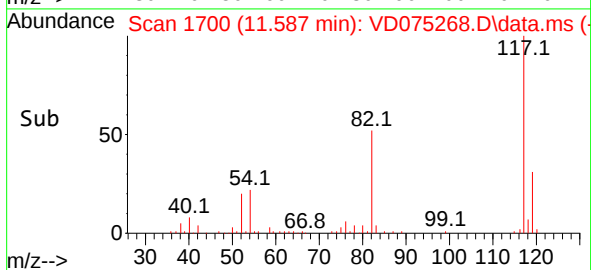
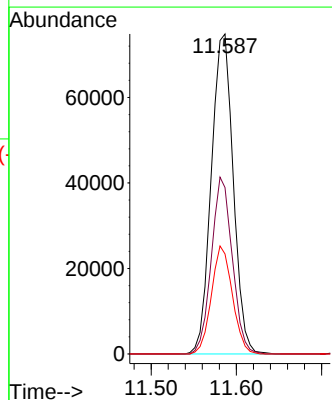
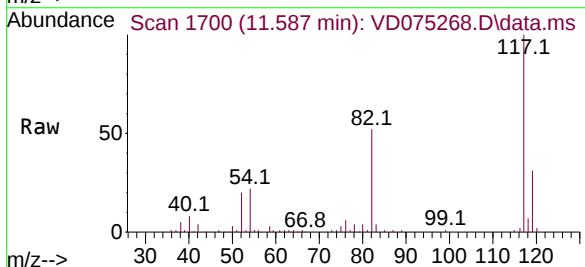
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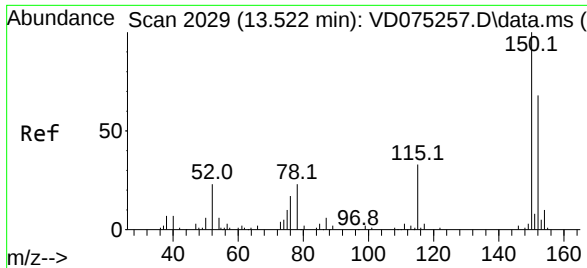
Tgt Ion: 95 Resp: 56104
Ion Ratio Lower Upper
95 100
174 84.0 0.0 161.2
176 80.8 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075268.D
Acq: 08 Feb 2023 13:34

Tgt Ion: 117 Resp: 133777
Ion Ratio Lower Upper
117 100
82 52.0 39.6 59.4
119 31.3 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: VD075268.D

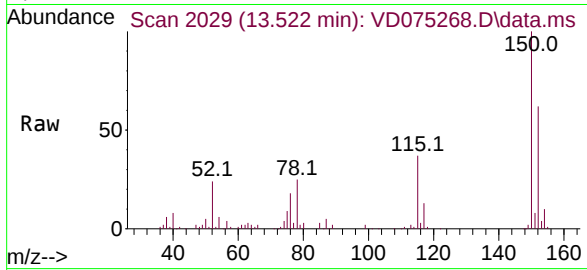
Acq: 08 Feb 2023 13:34

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-32



Tgt Ion:152 Resp: 61397

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.4

150 159.3 0.0 348.6

