

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075269.D
 Acq On : 08 Feb 2023 14:02
 Operator : KP/SY
 Sample : 01463-10
 Misc : 2.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 09 05:41:33 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)

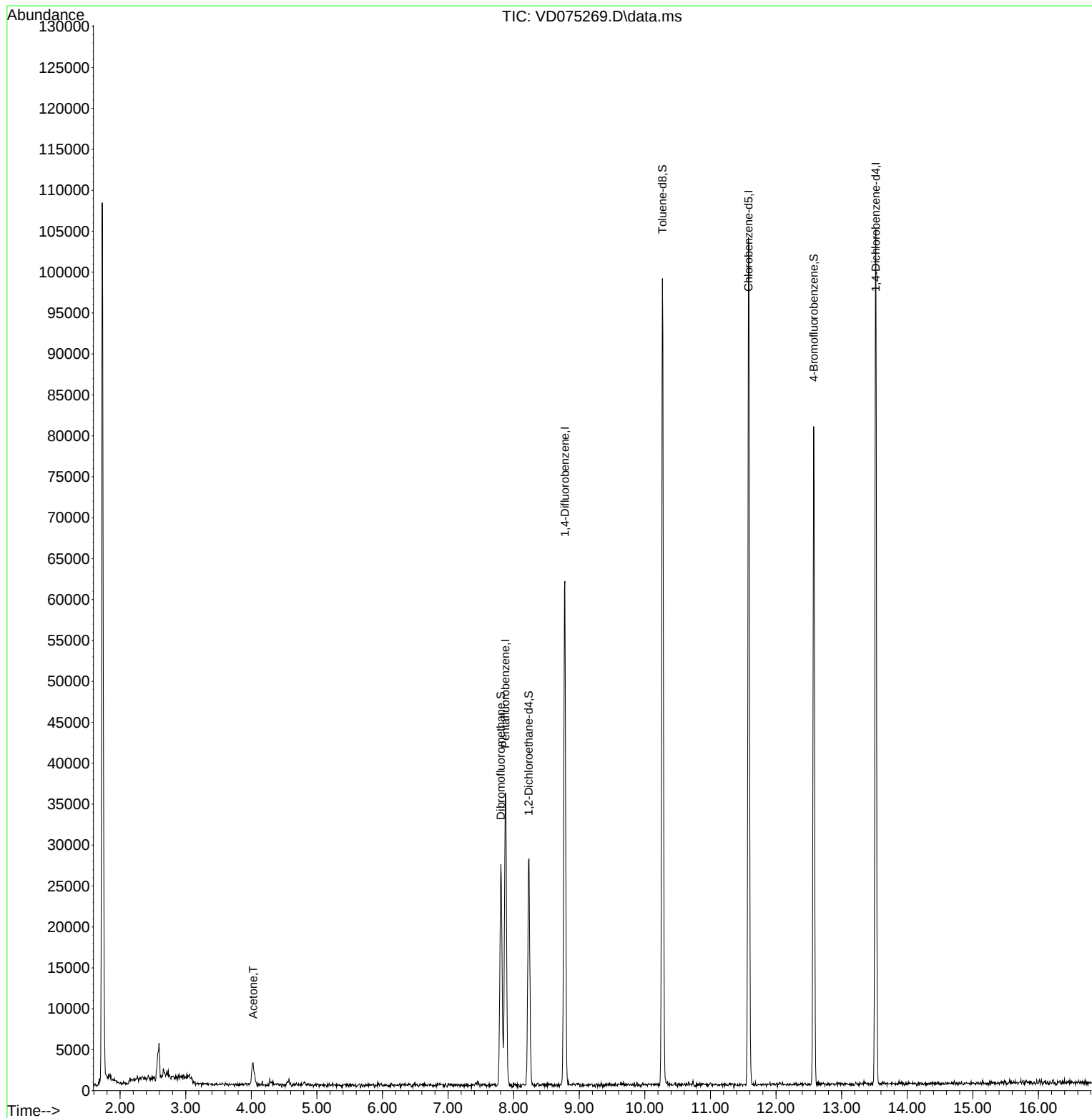
Internal Standards						
1) Pentafluorobenzene	7.875	168	27613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	52907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	56042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	26974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	21846	67.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.940%	
35) Dibromofluoromethane	7.804	113	19313	52.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.120%	
50) Toluene-d8	10.269	98	66548	47.301	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.600%	
62) 4-Bromofluorobenzene	12.575	95	24565	52.953	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.900%	
Target Compounds						
16) Acetone	4.028	43	5114	59.732	ug/l	Qvalue 92

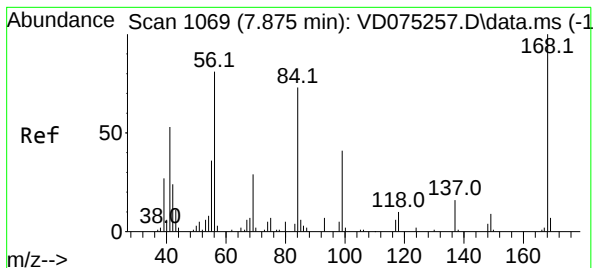
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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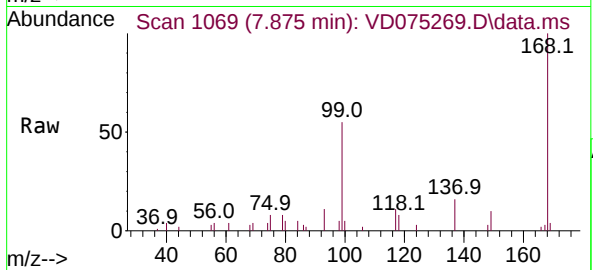
Quant Time: Feb 09 05:41:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
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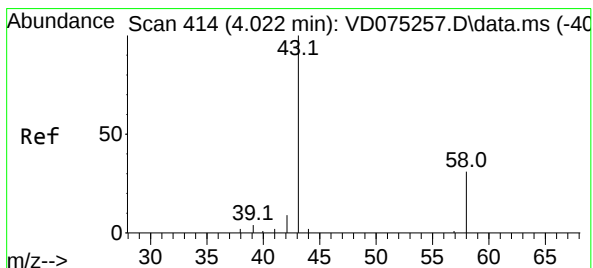
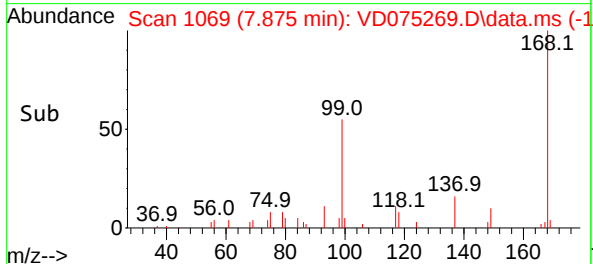
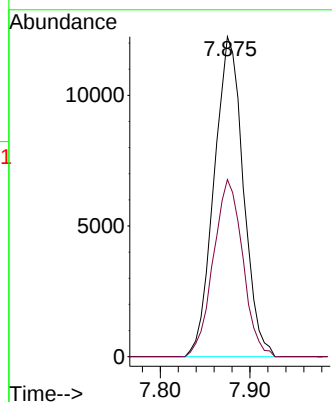


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075269.D
Acq: 08 Feb 2023 14:02

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

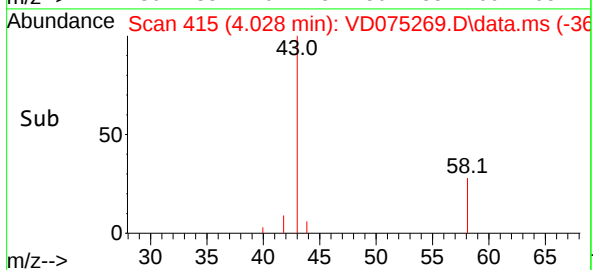
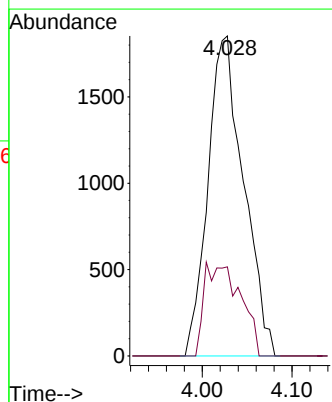
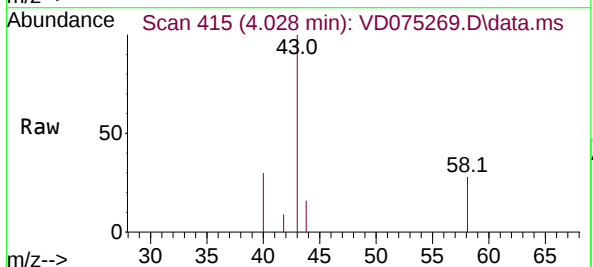


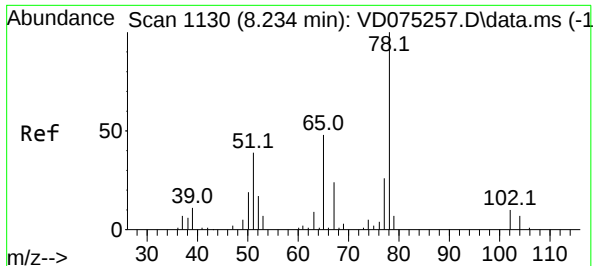
Tgt Ion:168 Resp: 27613
Ion Ratio Lower Upper
168 100
99 55.3 45.2 67.8



#16
Acetone
Concen: 59.732 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075269.D
Acq: 08 Feb 2023 14:02

Tgt Ion: 43 Resp: 5114
Ion Ratio Lower Upper
43 100
58 27.8 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 67.471 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075269.D

Acq: 08 Feb 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

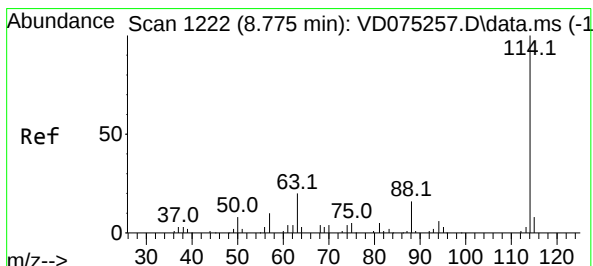
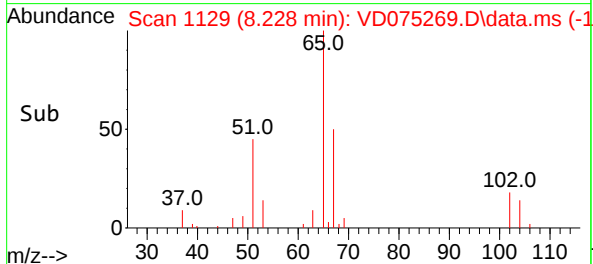
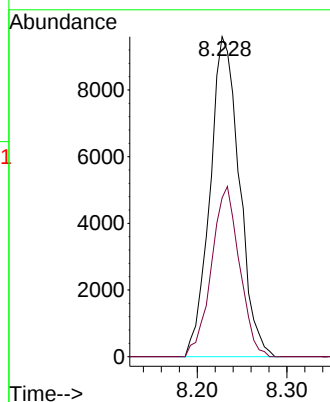
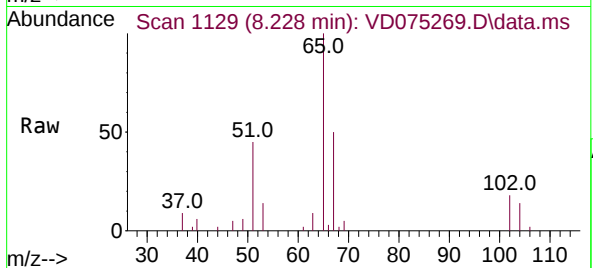
TOT-VOC-GRAB-36

Tgt Ion: 65 Resp: 21846

Ion Ratio Lower Upper

65 100

67 50.6 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: VD075269.D

Acq: 08 Feb 2023 14:02

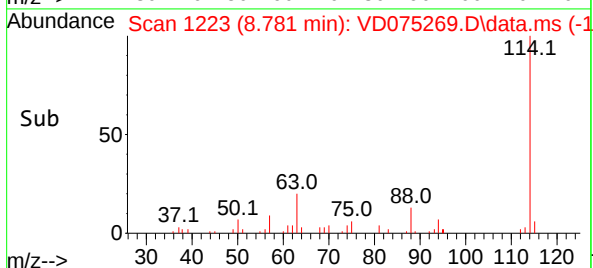
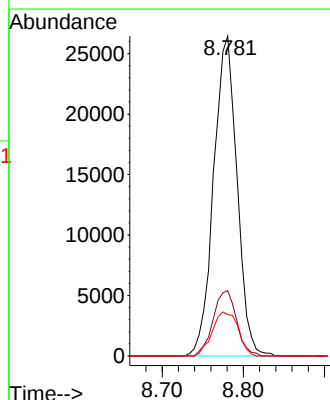
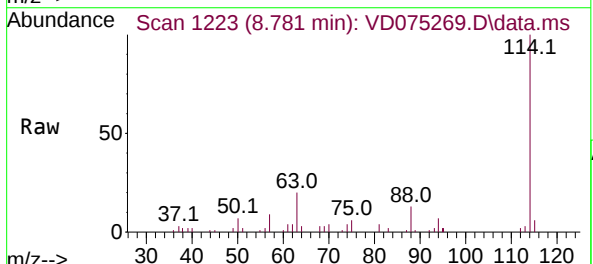
Tgt Ion: 114 Resp: 52907

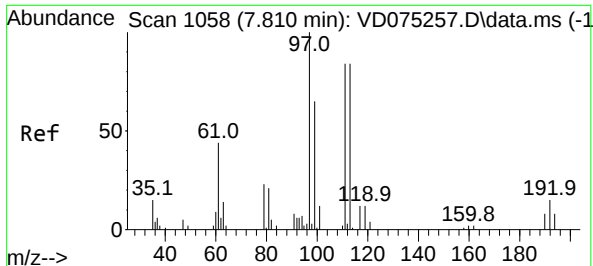
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 12.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.059 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075269.D

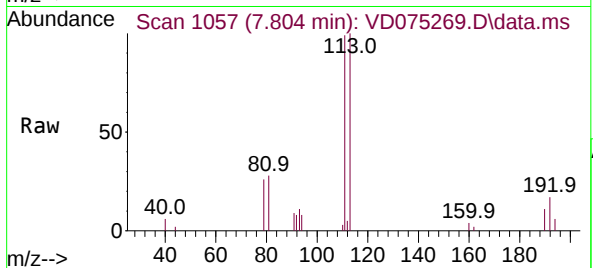
Acq: 08 Feb 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-36



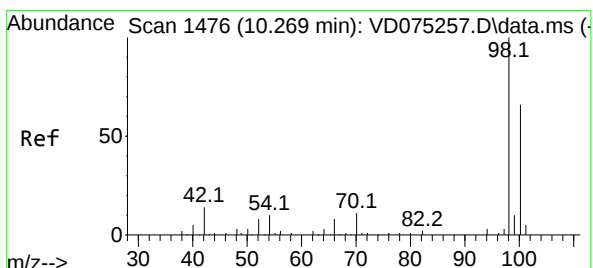
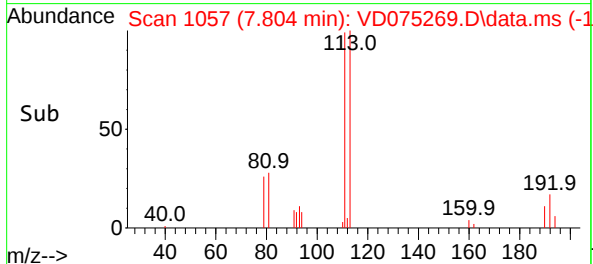
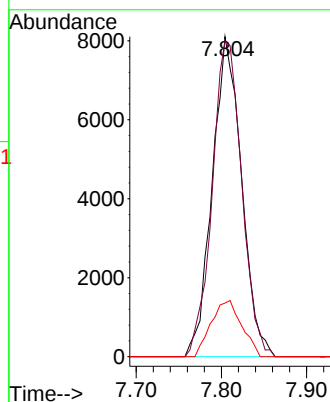
Tgt Ion:113 Resp: 19313

Ion Ratio Lower Upper

113 100

111 99.6 80.1 120.1

192 18.3 15.4 23.0



#50

Toluene-d8

Concen: 47.301 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075269.D

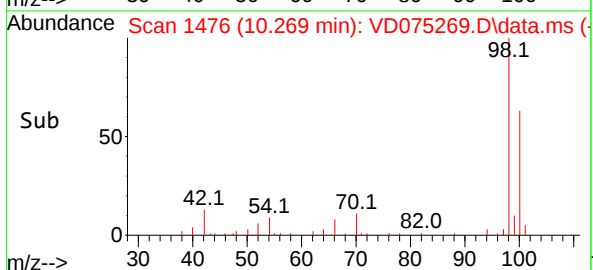
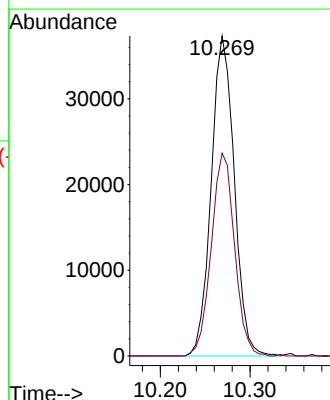
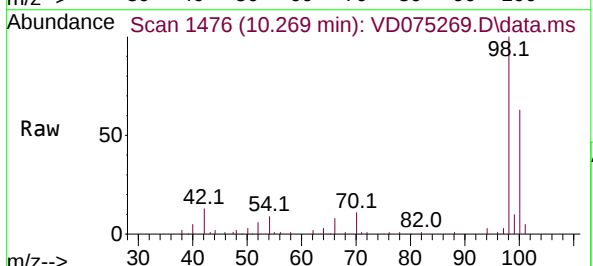
Acq: 08 Feb 2023 14:02

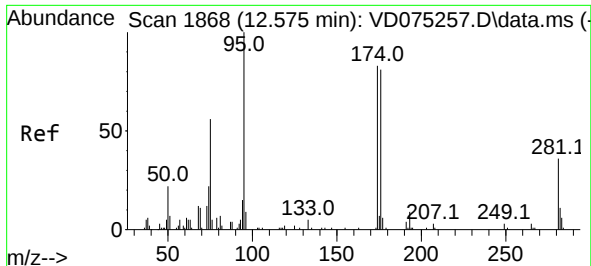
Tgt Ion: 98 Resp: 66548

Ion Ratio Lower Upper

98 100

100 64.1 52.7 79.1

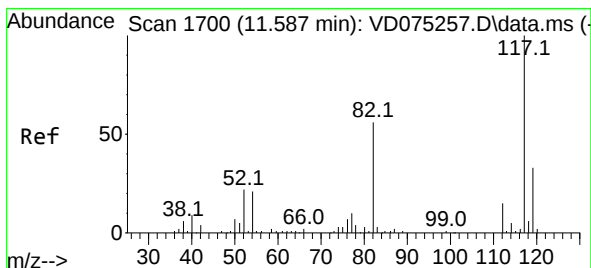
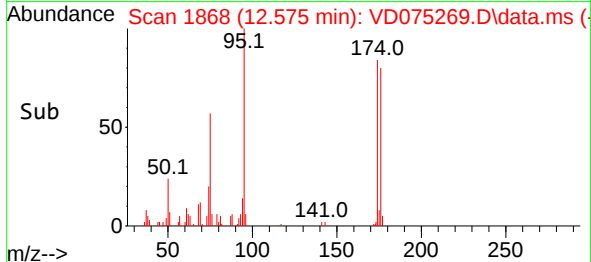
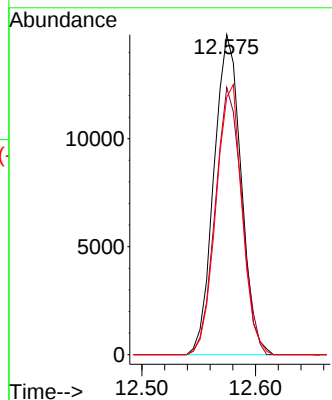
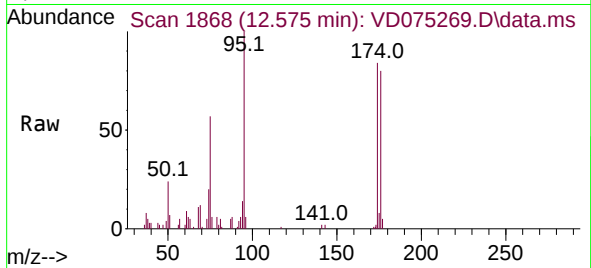




#62
4-Bromofluorobenzene
Concen: 52.953 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075269.D
Acq: 08 Feb 2023 14:02

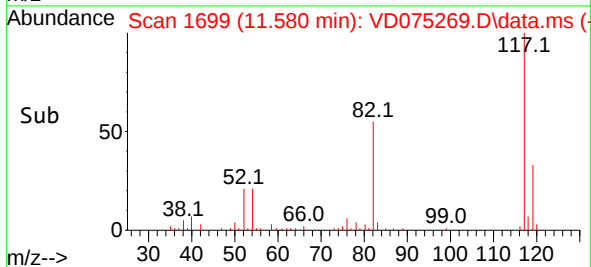
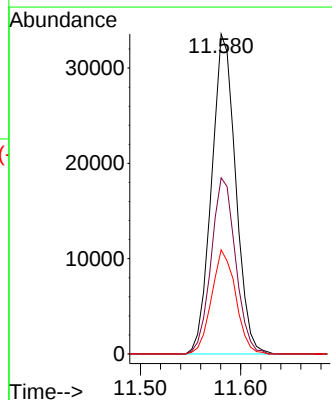
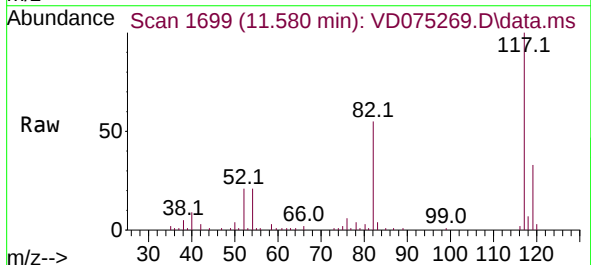
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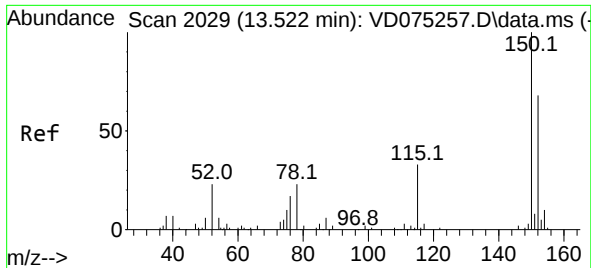
Tgt Ion: 95 Resp: 24565
Ion Ratio Lower Upper
95 100
174 82.3 0.0 161.2
176 81.2 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.007 min
Lab File: VD075269.D
Acq: 08 Feb 2023 14:02

Tgt Ion: 117 Resp: 56042
Ion Ratio Lower Upper
117 100
82 55.0 39.6 59.4
119 32.6 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: VD075269.D

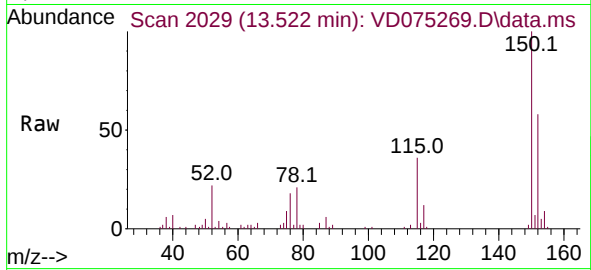
Acq: 08 Feb 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-36



Tgt Ion:152 Resp: 26974

Ion Ratio Lower Upper

152 100

115 59.9 28.8 86.4

150 164.6 0.0 348.6

