

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075271.D
 Acq On : 08 Feb 2023 14:57
 Operator : KP/SY
 Sample : 01463-17
 Misc : 3.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-44

Quant Time: Feb 09 05:41:52 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)

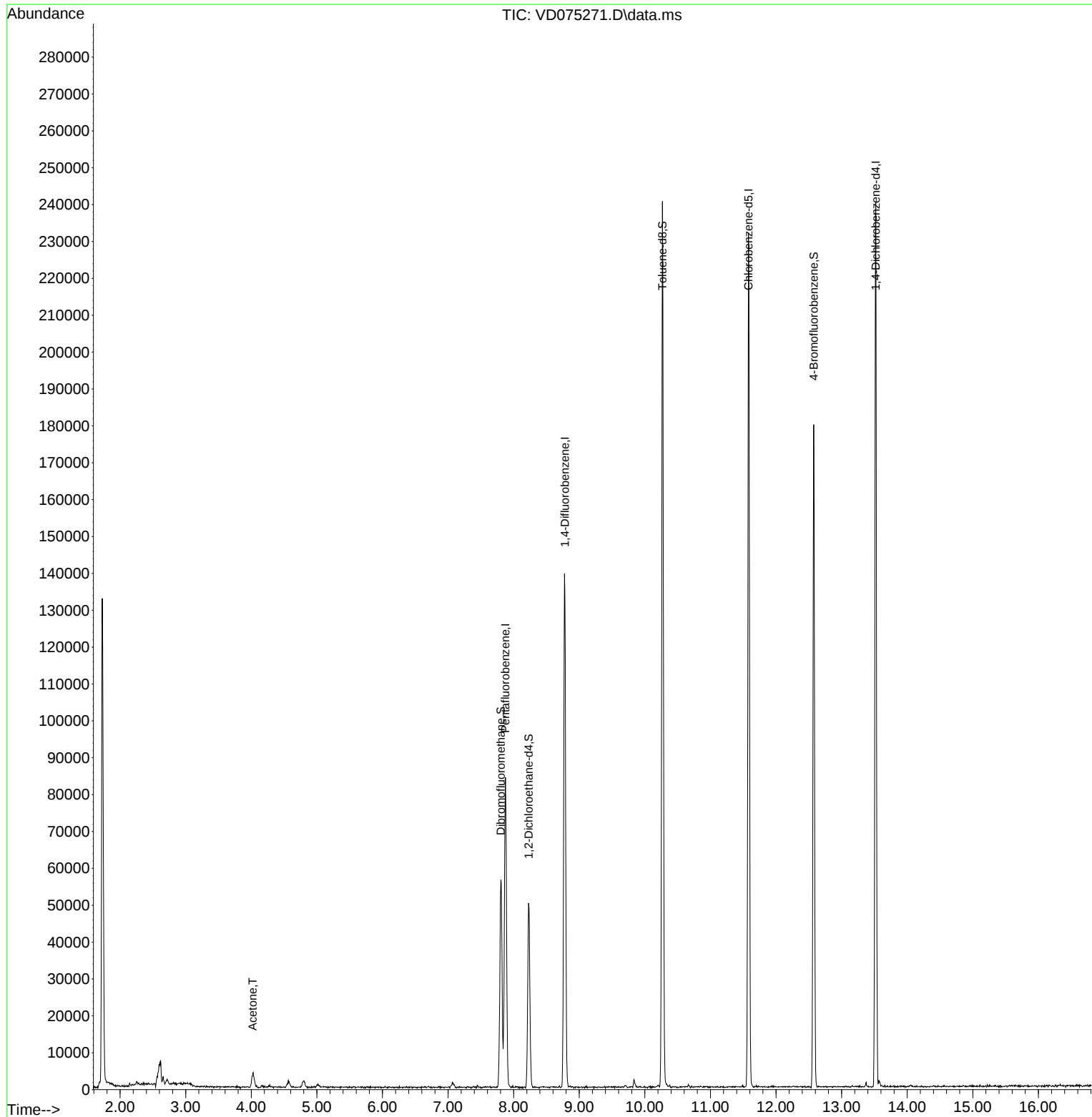
Internal Standards						
1) Pentafluorobenzene	7.875	168	63922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	121162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	126149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	59777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39833	53.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.280%	
35) Dibromofluoromethane	7.805	113	40202	47.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.640%	
50) Toluene-d8	10.269	98	155798	48.355	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.720%	
62) 4-Bromofluorobenzene	12.575	95	54857	51.636	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.280%	
Target Compounds						
16) Acetone	4.022	43	6780	34.209	ug/l	Qvalue # 74

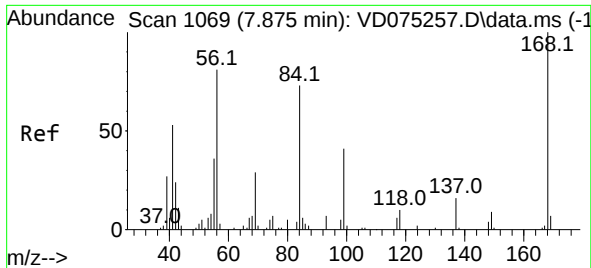
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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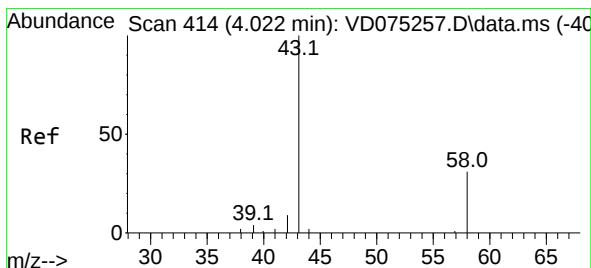
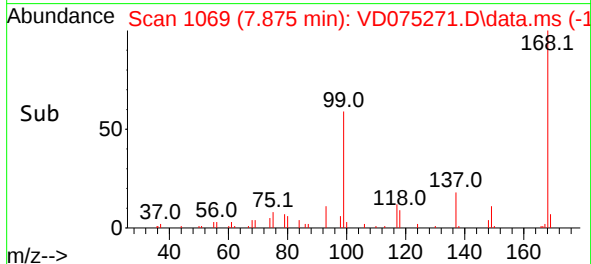
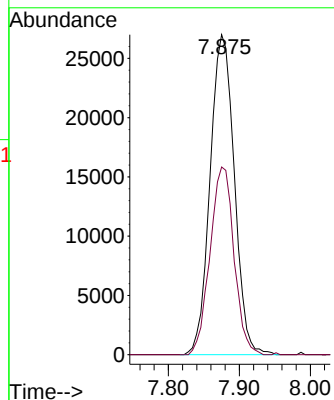
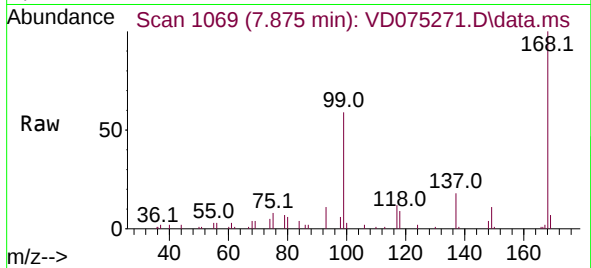




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075271.D
Acq: 08 Feb 2023 14:57

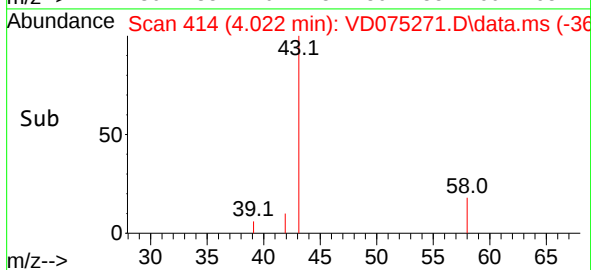
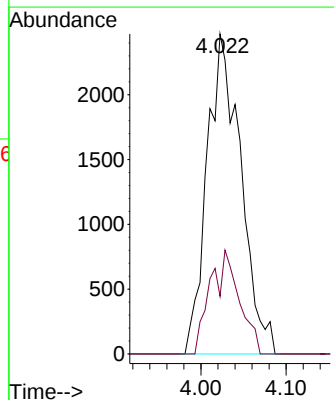
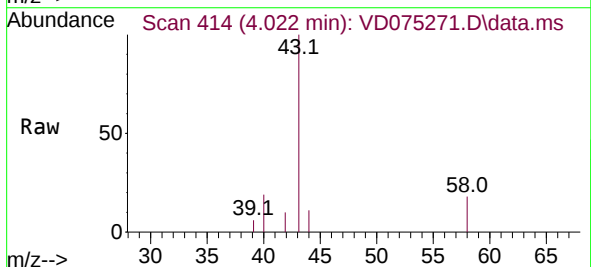
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-44

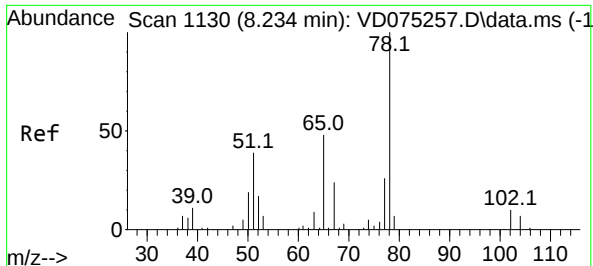
Tgt Ion:168 Resp: 63922
Ion Ratio Lower Upper
168 100
99 58.7 45.2 67.8



#16
Acetone
Concen: 34.209 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075271.D
Acq: 08 Feb 2023 14:57

Tgt Ion: 43 Resp: 6780
Ion Ratio Lower Upper
43 100
58 18.0 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 53.143 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075271.D

Acq: 08 Feb 2023 14:57

Instrument :

MSVOA_D

ClientSampleId :

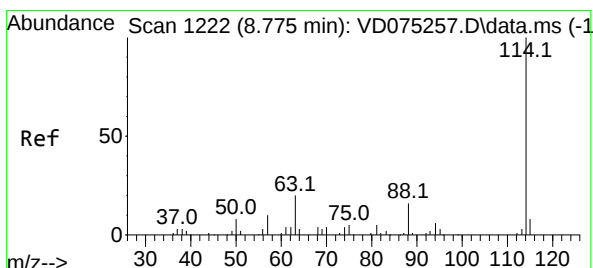
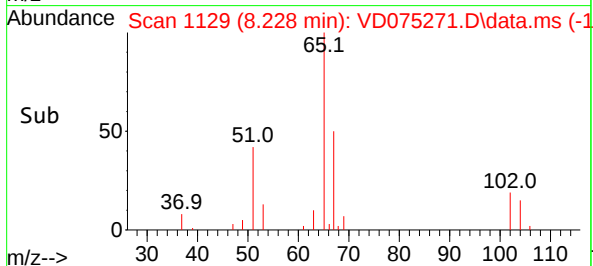
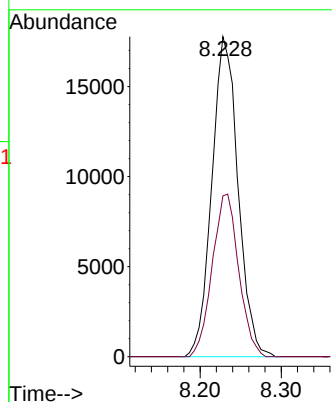
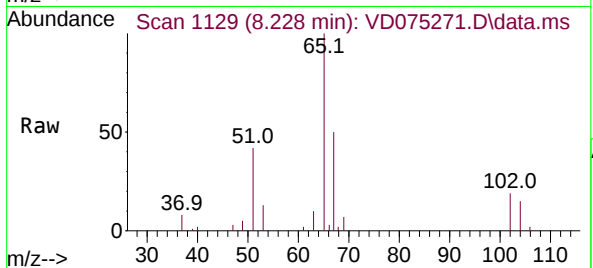
TOT-VOC-GRAB-44

Tgt Ion: 65 Resp: 39833

Ion Ratio Lower Upper

65 100

67 51.3 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: VD075271.D

Acq: 08 Feb 2023 14:57

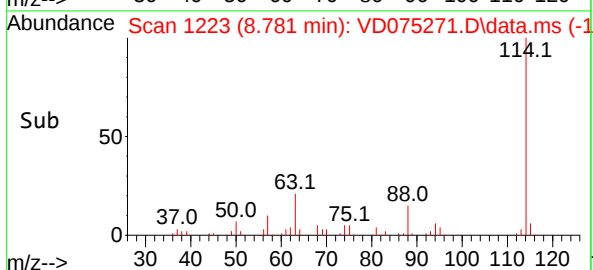
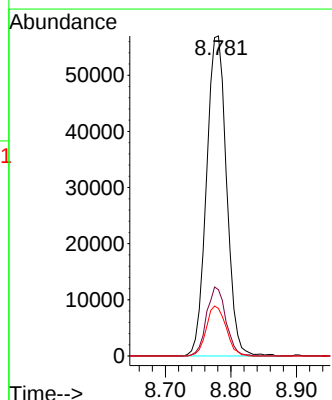
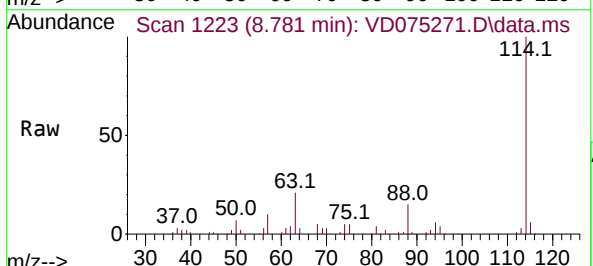
Tgt Ion: 114 Resp: 121162

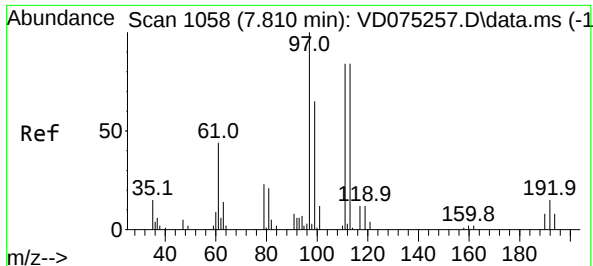
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 14.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.320 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075271.D

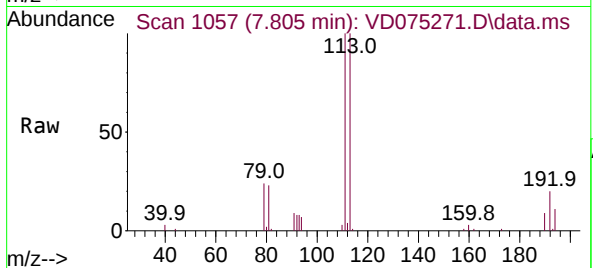
Acq: 08 Feb 2023 14:57

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-44



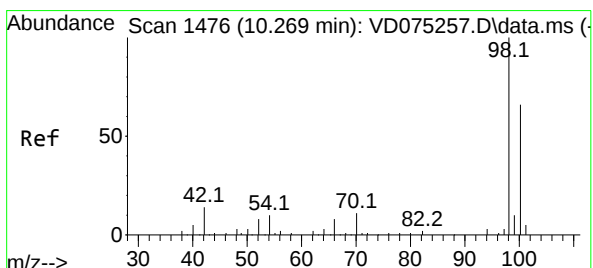
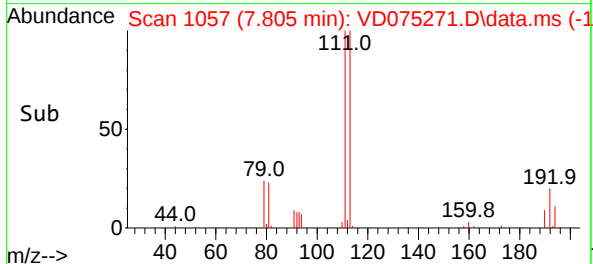
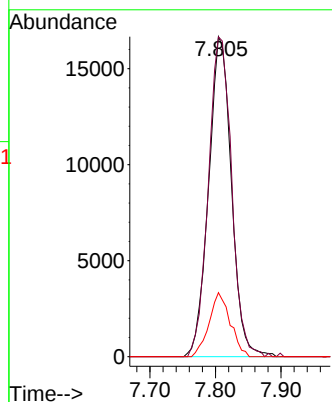
Tgt Ion:113 Resp: 40202

Ion Ratio Lower Upper

113 100

111 101.8 80.1 120.1

192 18.6 15.4 23.0



#50

Toluene-d8

Concen: 48.355 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075271.D

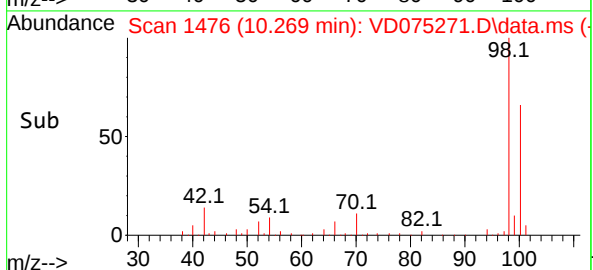
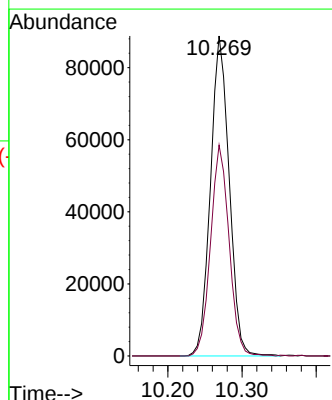
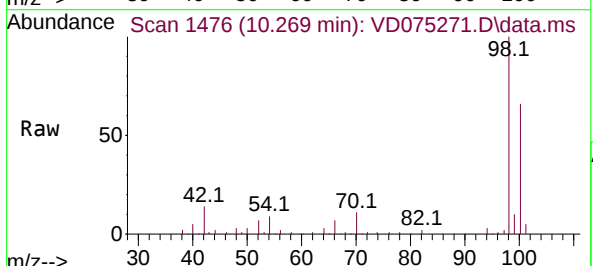
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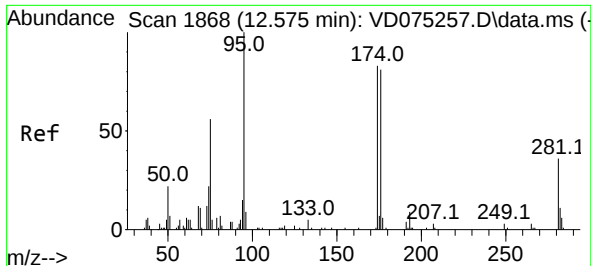
Tgt Ion: 98 Resp: 155798

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1

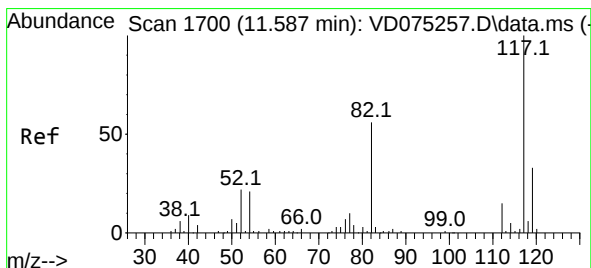
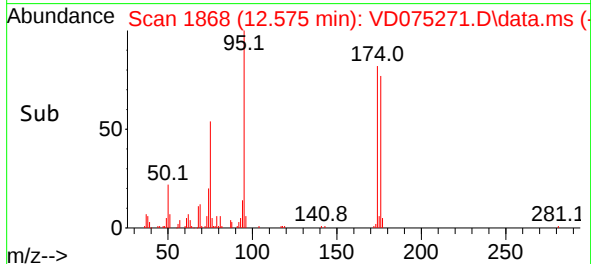
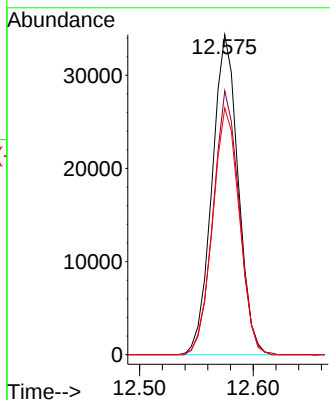
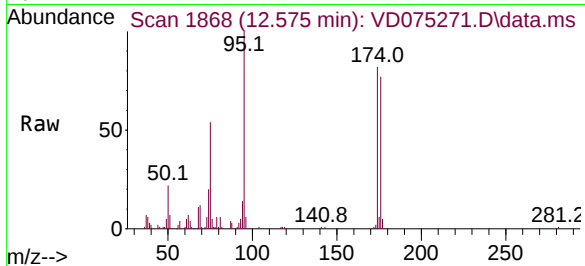




#62
4-Bromofluorobenzene
Concen: 51.636 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075271.D
Acq: 08 Feb 2023 14:57

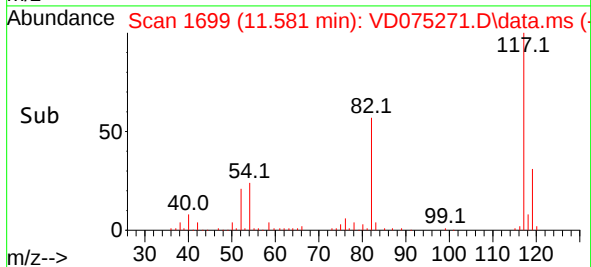
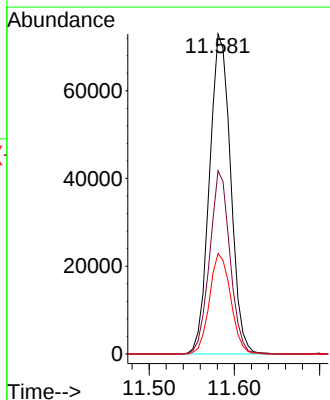
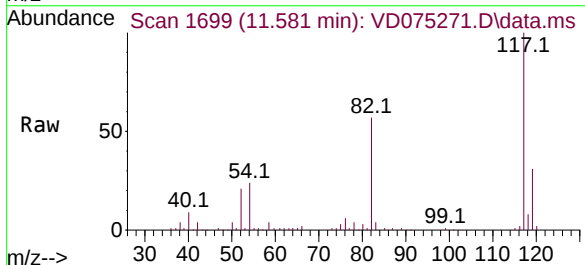
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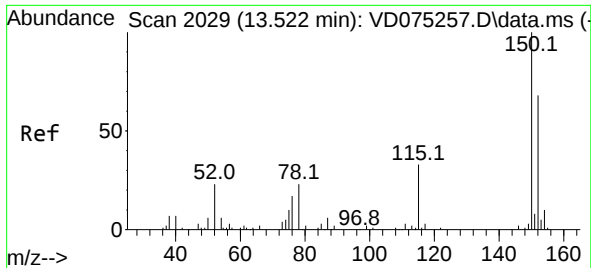
Tgt Ion: 95 Resp: 54857
Ion Ratio Lower Upper
95 100
174 82.2 0.0 161.2
176 78.9 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075271.D
Acq: 08 Feb 2023 14:57

Tgt Ion: 117 Resp: 126149
Ion Ratio Lower Upper
117 100
82 57.3 39.6 59.4
119 31.4 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: VD075271.D

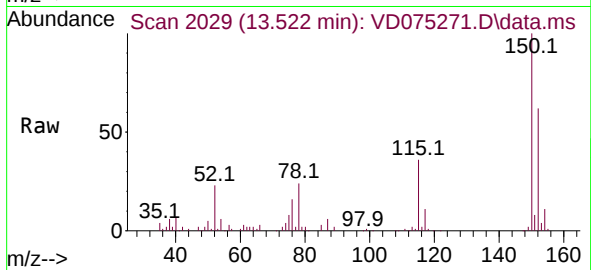
Acq: 08 Feb 2023 14:57

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-44



Tgt Ion:152 Resp: 59777

Ion Ratio Lower Upper

152 100

115 59.7 28.8 86.4

150 161.6 0.0 348.6

