

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076580.D
 Acq On : 26 Jun 2023 14:57
 Operator : KP/SY
 Sample : 03361-06RE
 Misc : 12.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-29-GRAB-5RE

Quant Time: Jun 27 04:27:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

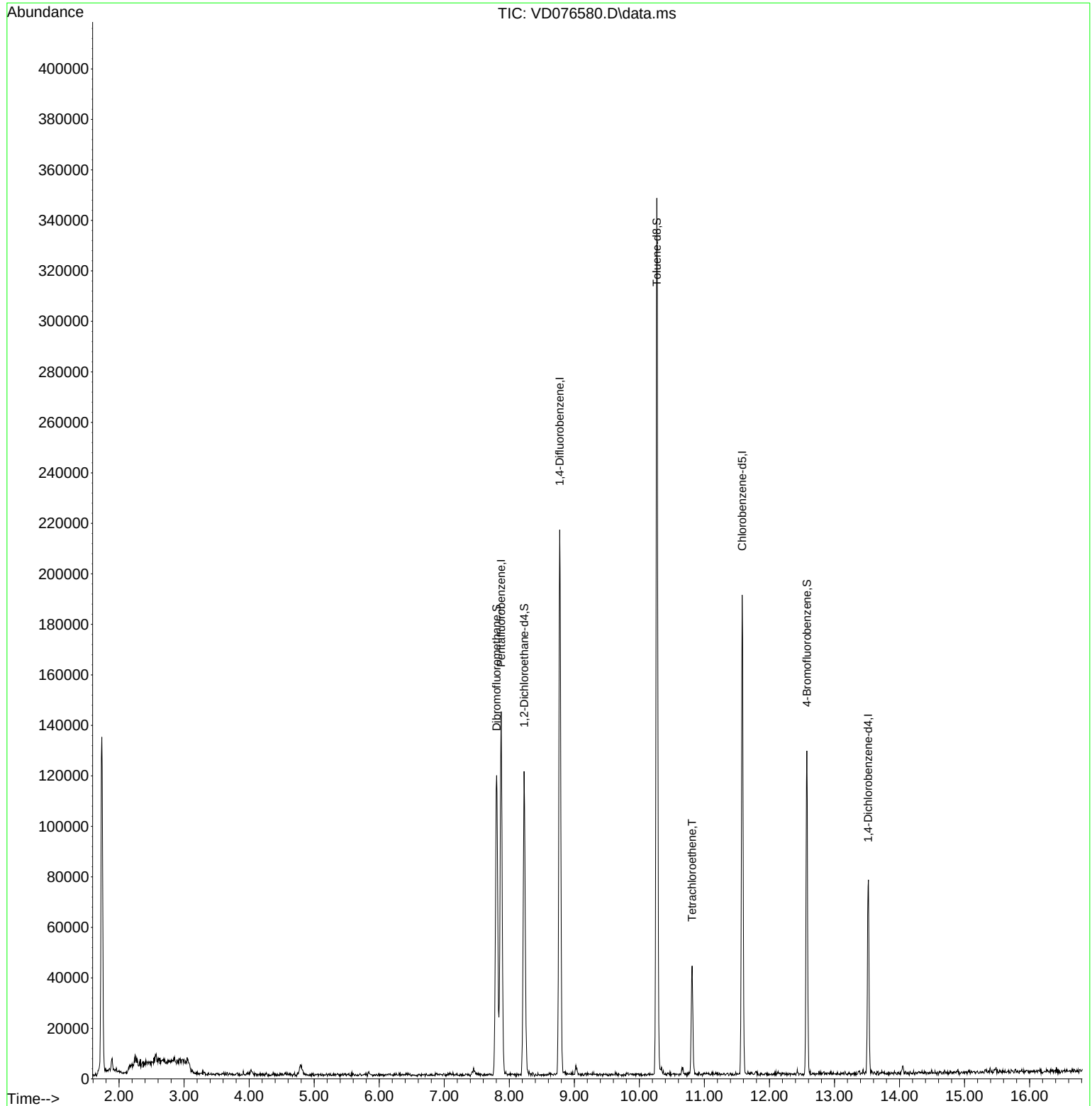
Internal Standards						
1) Pentafluorobenzene	7.875	168	108201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	187209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	105033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	20430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85709	79.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.120%
35) Dibromofluoromethane	7.805	113	86270	77.571	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	155.140%#
50) Toluene-d8	10.269	98	228577	54.194	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.380%
62) 4-Bromofluorobenzene	12.575	95	37243	27.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.420%
Target Compounds						
64) Tetrachloroethene	10.810	164	9555	15.155	ug/l	Qvalue 88

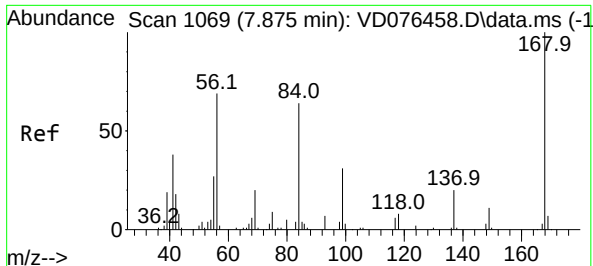
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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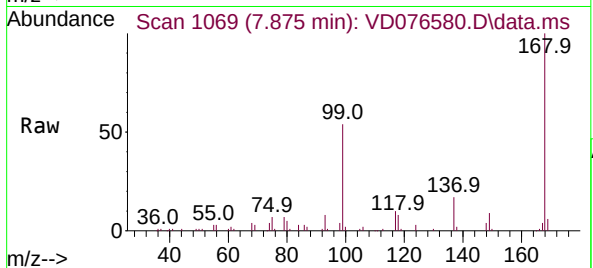
Quant Time: Jun 27 04:27:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
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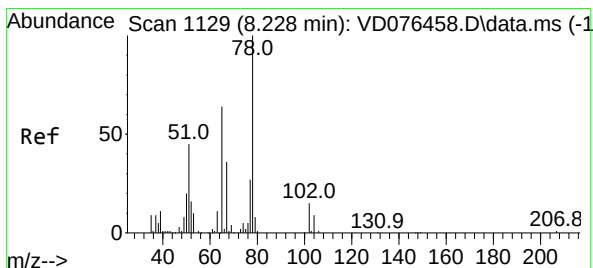
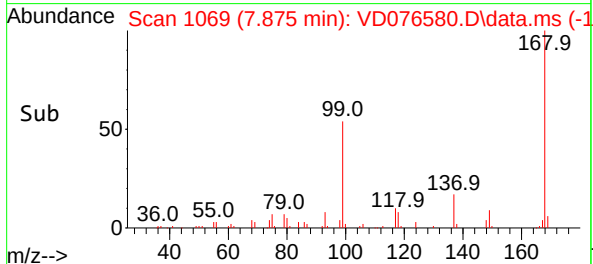
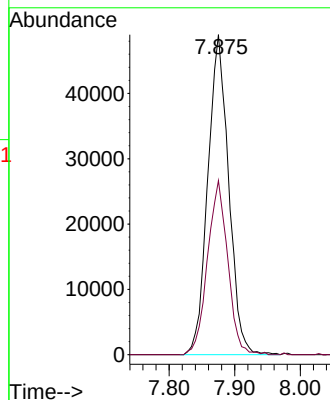


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076580.D
Acq: 26 Jun 2023 14:57

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-29-GRAB-5RE

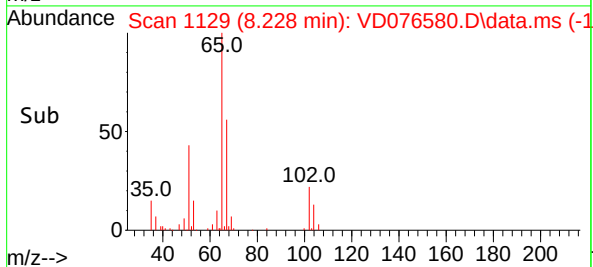
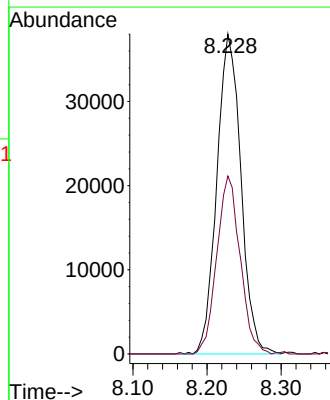
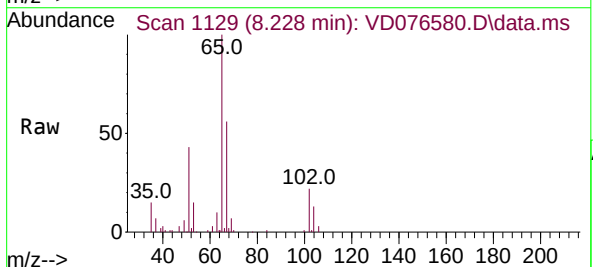


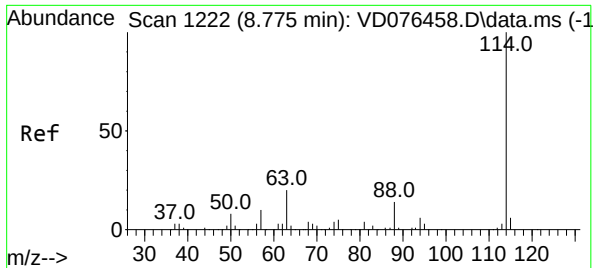
Tgt Ion:168 Resp: 108201
Ion Ratio Lower Upper
168 100
99 54.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 79.061 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076580.D
Acq: 26 Jun 2023 14:57

Tgt Ion: 65 Resp: 85709
Ion Ratio Lower Upper
65 100
67 54.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076580.D

Acq: 26 Jun 2023 14:57

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-29-GRAB-5RE

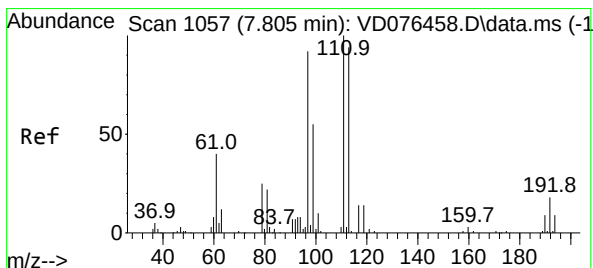
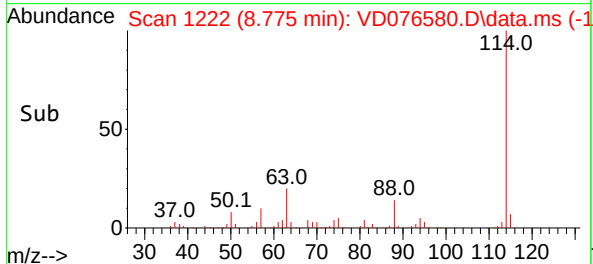
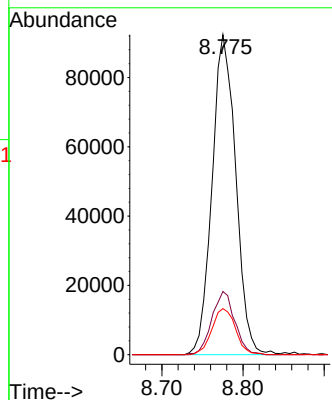
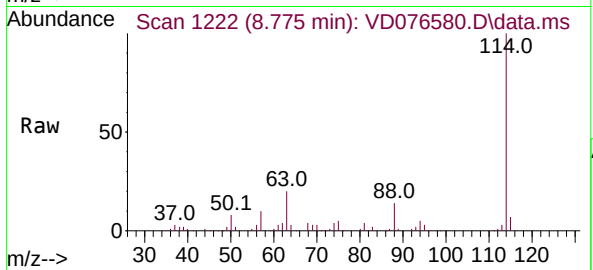
Tgt Ion:114 Resp: 187209

Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 14.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 77.571 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076580.D

Acq: 26 Jun 2023 14:57

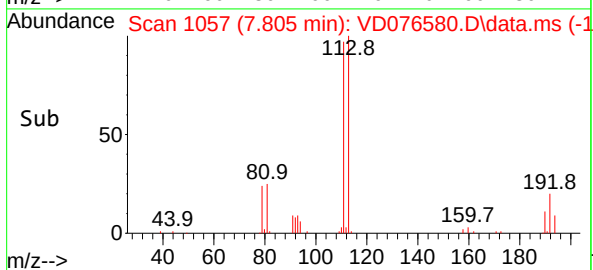
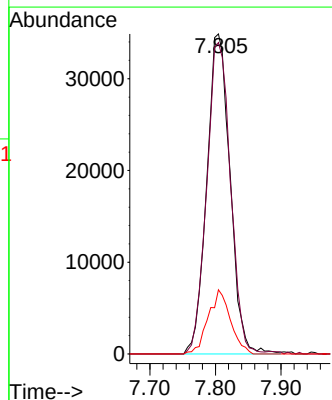
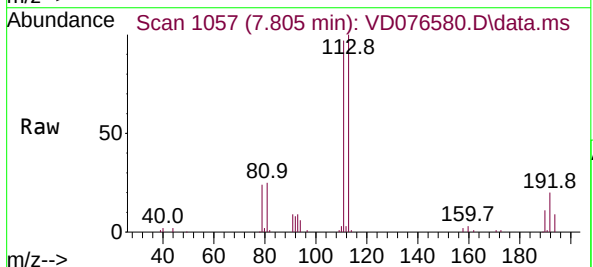
Tgt Ion:113 Resp: 86270

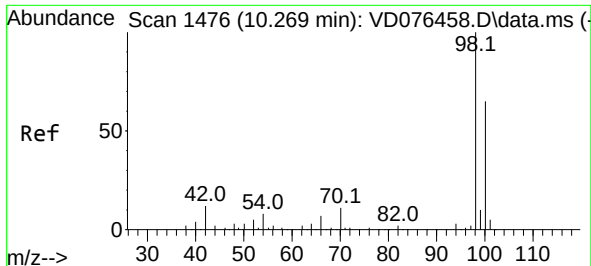
Ion Ratio Lower Upper

113 100

111 99.0 84.7 127.1

192 19.2 16.8 25.2

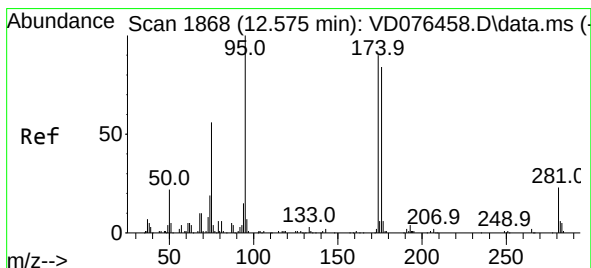
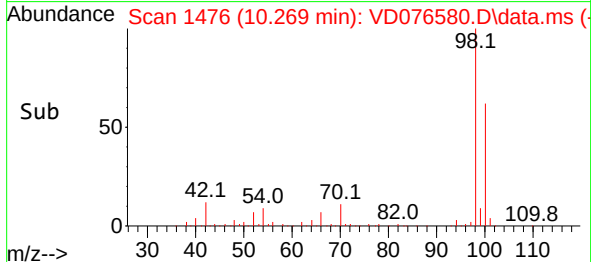
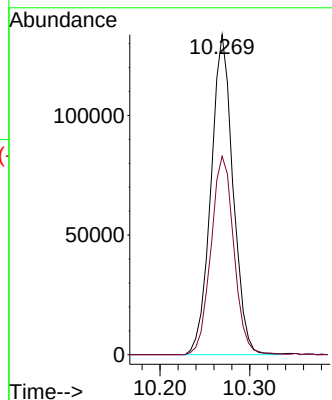
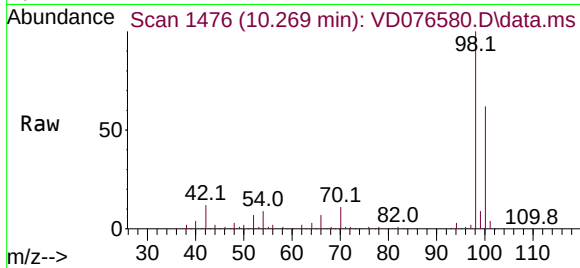




#50
Toluene-d8
Concen: 54.194 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076580.D
Acq: 26 Jun 2023 14:57

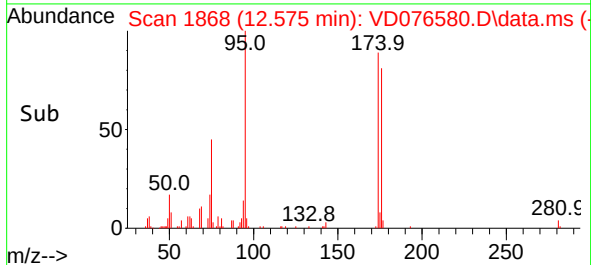
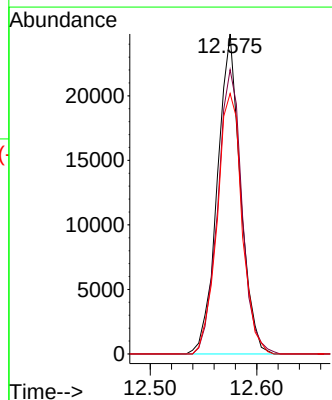
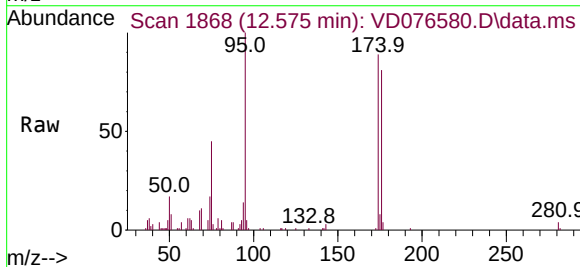
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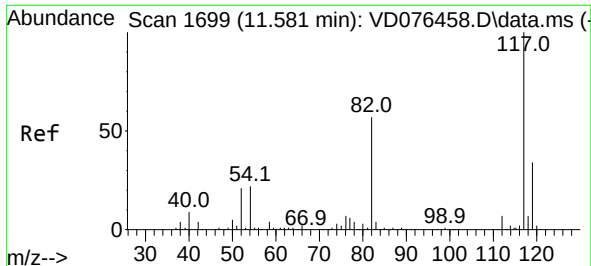
Tgt Ion: 98 Resp: 228577
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 27.208 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076580.D
Acq: 26 Jun 2023 14:57

Tgt Ion: 95 Resp: 37243
Ion Ratio Lower Upper
95 100
174 93.1 0.0 201.8
176 87.5 0.0 191.8

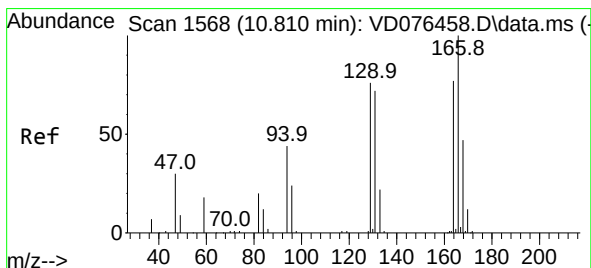
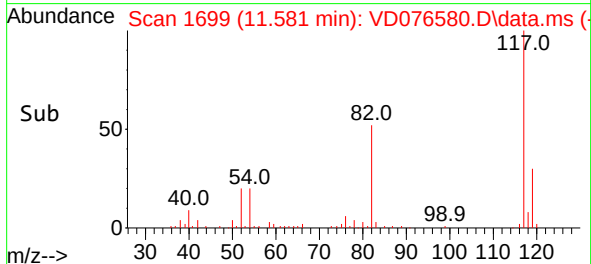
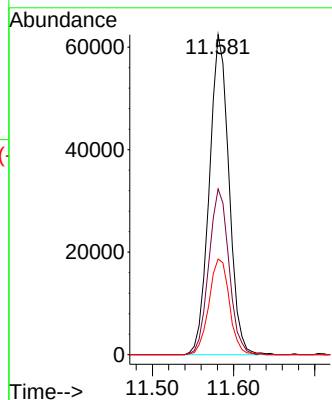
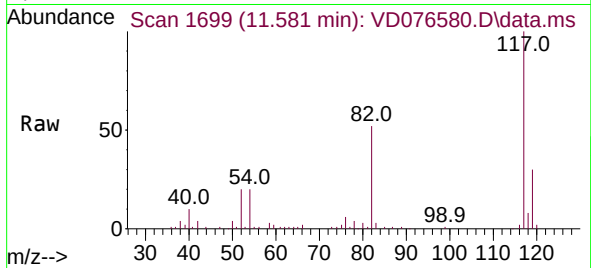




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD076580.D
Acq: 26 Jun 2023 14:57

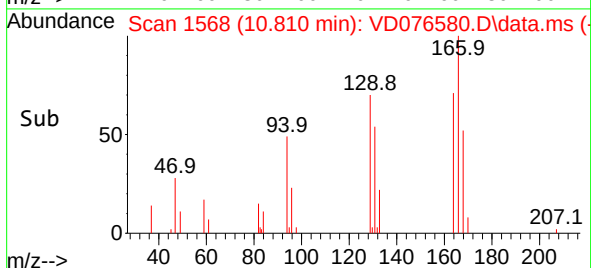
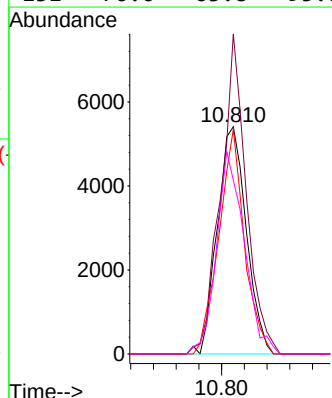
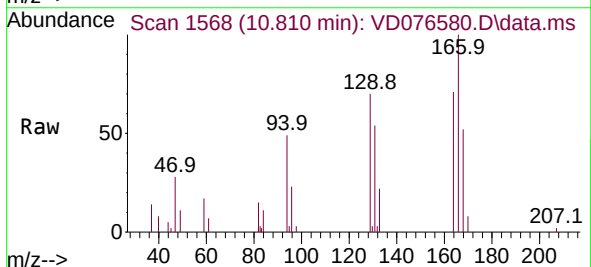
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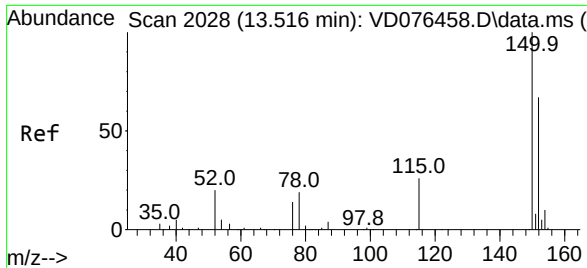
Tgt Ion:117 Resp: 105033
Ion Ratio Lower Upper
117 100
82 51.8 38.3 57.5
119 29.9 25.0 37.4



#64
Tetrachloroethene
Concen: 15.155 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076580.D
Acq: 26 Jun 2023 14:57

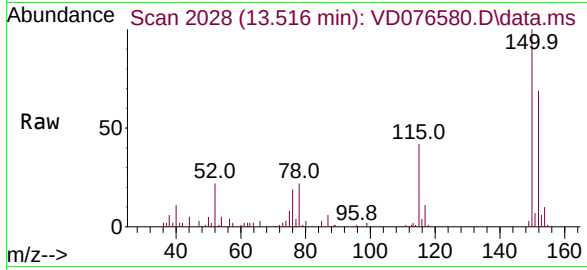
Tgt Ion:164 Resp: 9555
Ion Ratio Lower Upper
164 100
166 140.9 99.2 148.8
129 98.9 68.4 102.6
131 76.6 63.8 95.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076580.D
 Acq: 26 Jun 2023 14:57

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-29-GRAB-5RE



Tgt Ion:152 Resp: 20430
 Ion Ratio Lower Upper
 152 100
 115 58.9 27.1 81.3
 150 150.6 0.0 353.6

