

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076502.D
 Acq On : 20 Jun 2023 20:19
 Operator : KP/SY
 Sample : 03314-02
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jun 21 06:51:07 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)

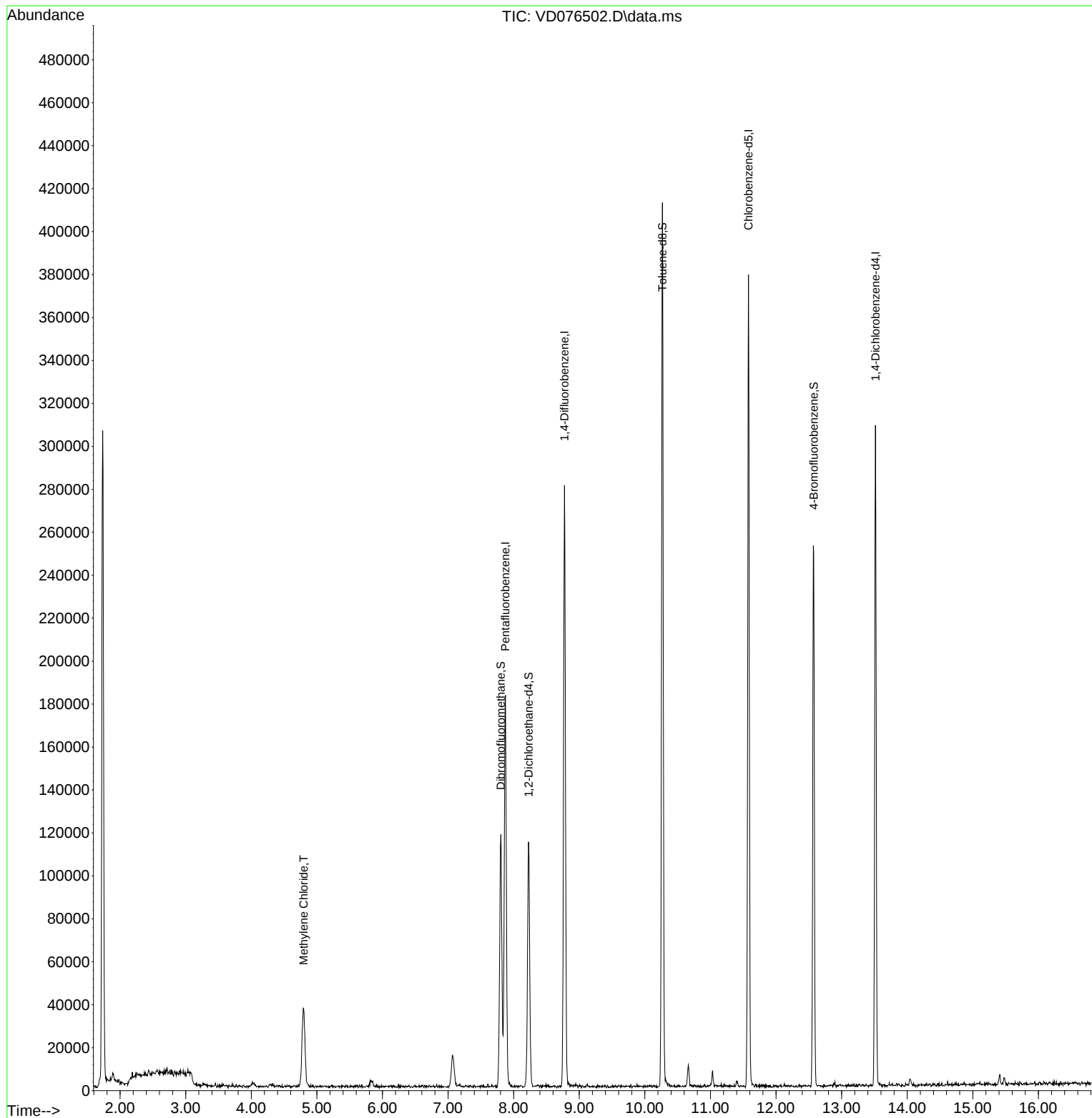
Internal Standards						
1) Pentafluorobenzene	7.875	168	139413	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	244579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	204729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	80151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84815	60.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.440%	
35) Dibromofluoromethane	7.804	113	81785	56.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.580%	
50) Toluene-d8	10.269	98	276824	50.237	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.480%	
62) 4-Bromofluorobenzene	12.575	95	74054	41.410	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.820%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	28755	9.076	ug/l	# 76

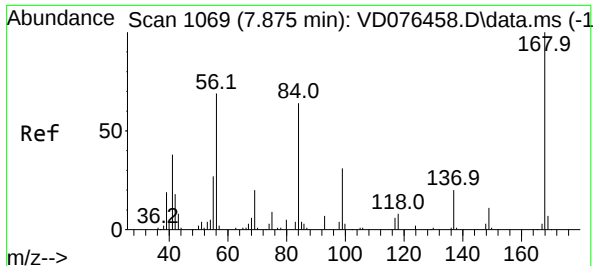
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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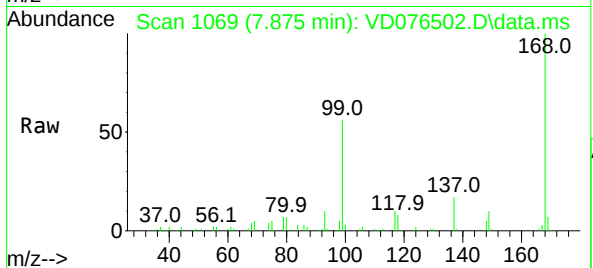
Quant Time: Jun 21 06:51:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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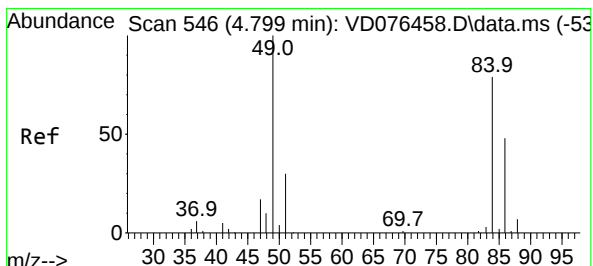
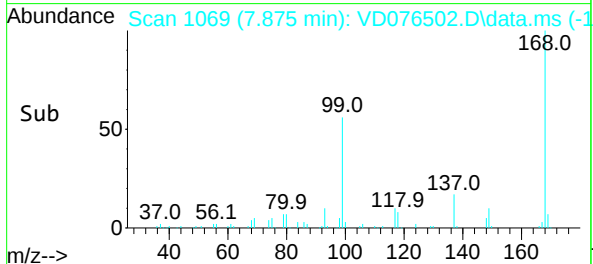
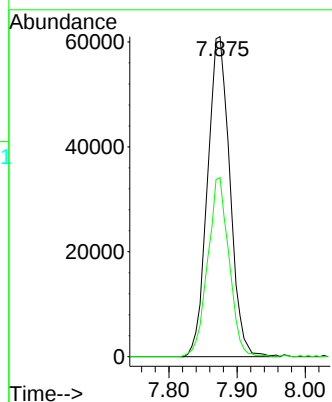


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076502.D
Acq: 20 Jun 2023 20:19

Instrument :
MSVOA_D
ClientSampleId :
VOC

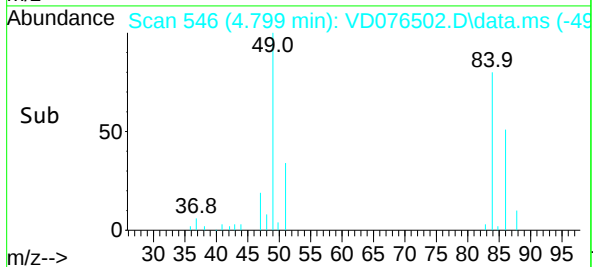
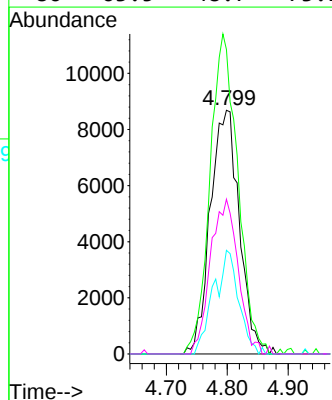
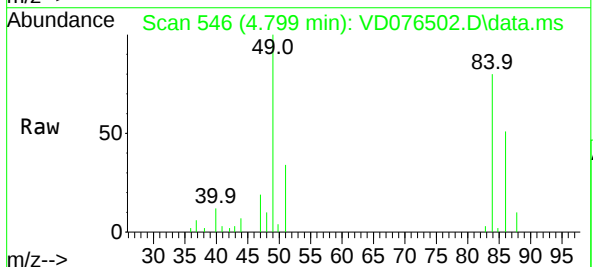


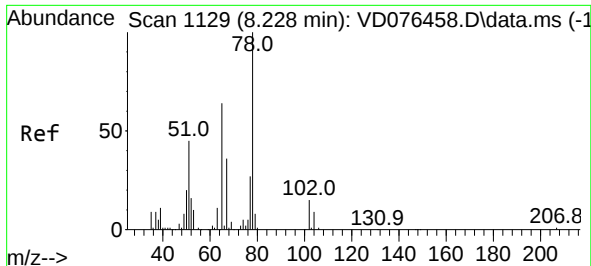
Tgt Ion:168 Resp: 139413
Ion Ratio Lower Upper
168 100
99 55.9 36.7 55.1#



#20
Methylene Chloride
Concen: 9.076 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076502.D
Acq: 20 Jun 2023 20:19

Tgt Ion: 84 Resp: 28755
Ion Ratio Lower Upper
84 100
49 124.9 71.4 107.2#
51 42.5 24.5 36.7#
86 63.5 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 60.721 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076502.D

Acq: 20 Jun 2023 20:19

Instrument :

MSVOA_D

ClientSampleId :

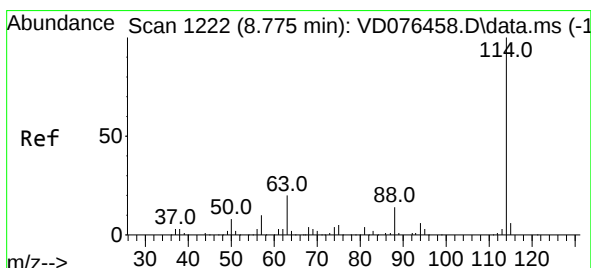
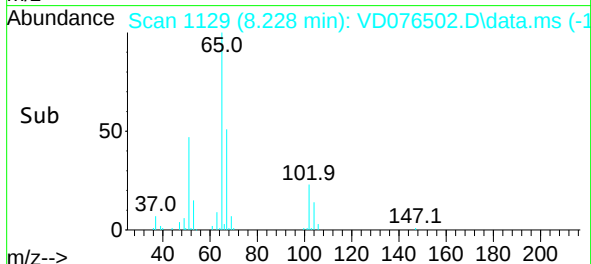
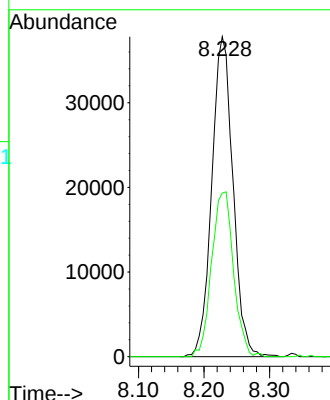
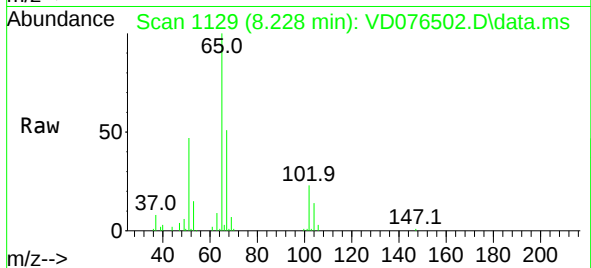
VOC

Tgt Ion: 65 Resp: 84815

Ion Ratio Lower Upper

65 100

67 53.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076502.D

Acq: 20 Jun 2023 20:19

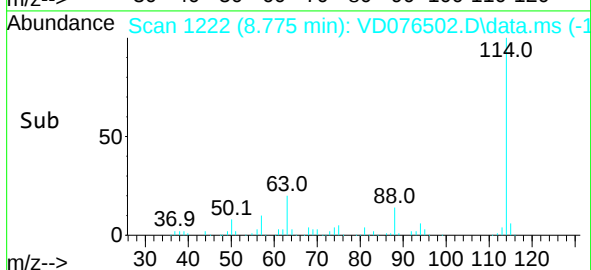
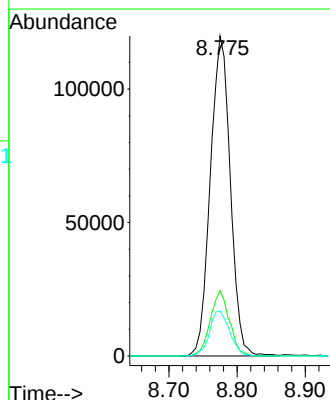
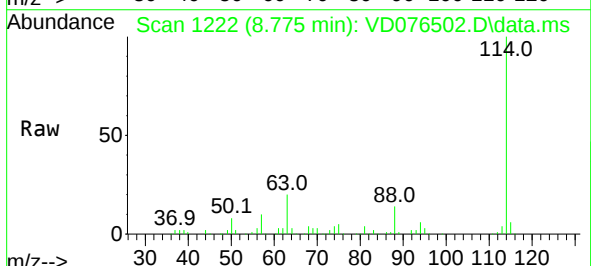
Tgt Ion: 114 Resp: 244579

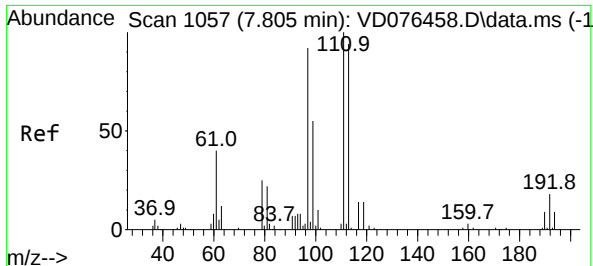
Ion Ratio Lower Upper

114 100

63 20.4 0.0 33.4

88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 56.288 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076502.D

Acq: 20 Jun 2023 20:19

Instrument :

MSVOA_D

ClientSampleId :

VOC

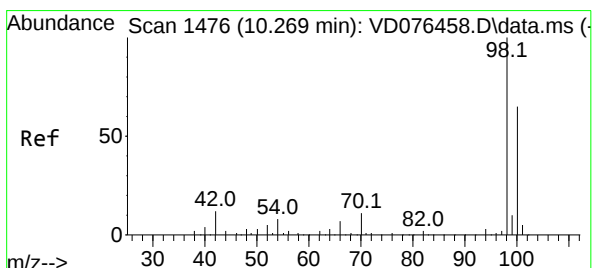
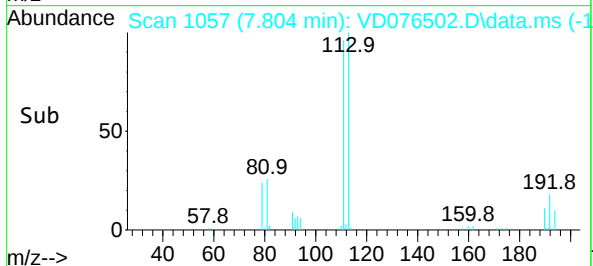
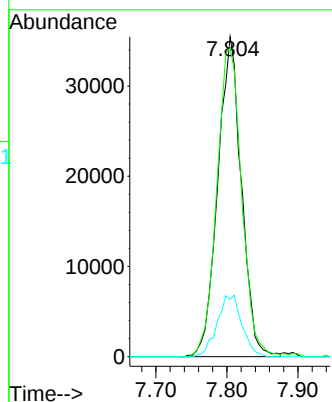
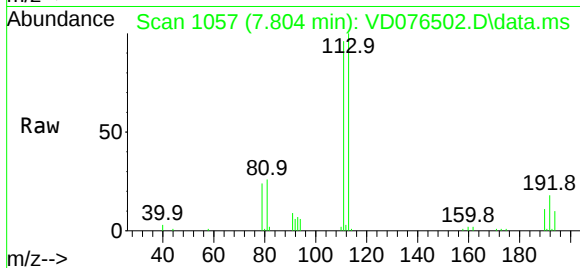
Tgt Ion:113 Resp: 81785

Ion Ratio Lower Upper

113 100

111 101.6 84.7 127.1

192 20.2 16.8 25.2



#50

Toluene-d8

Concen: 50.237 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076502.D

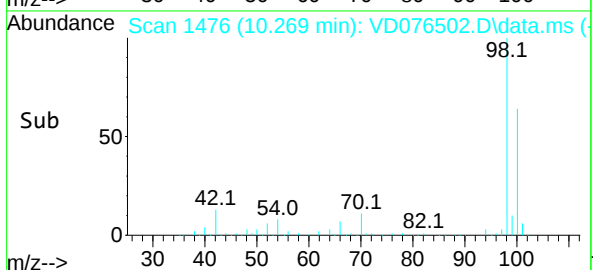
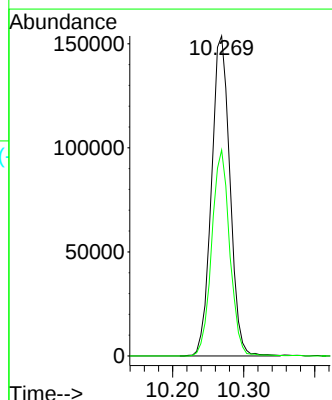
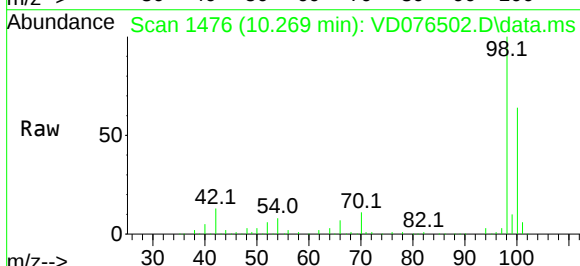
Acq: 20 Jun 2023 20:19

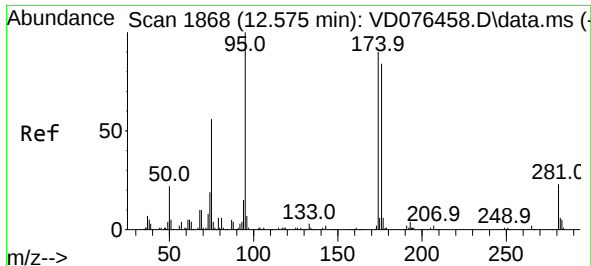
Tgt Ion: 98 Resp: 276824

Ion Ratio Lower Upper

98 100

100 62.8 50.3 75.5

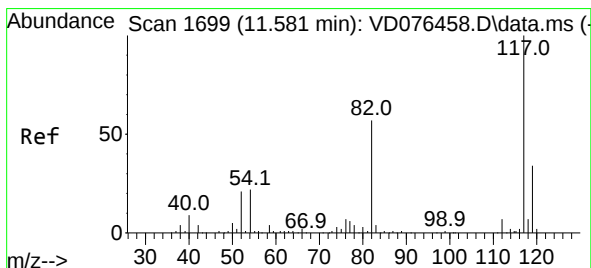
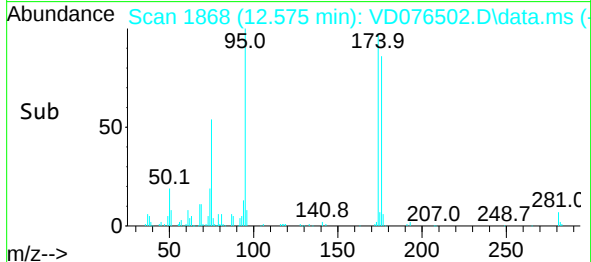
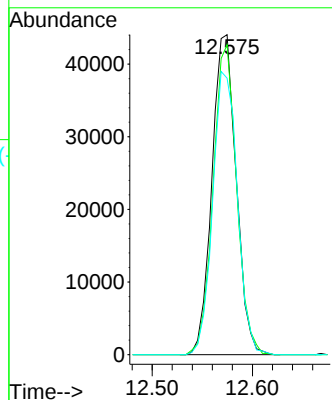
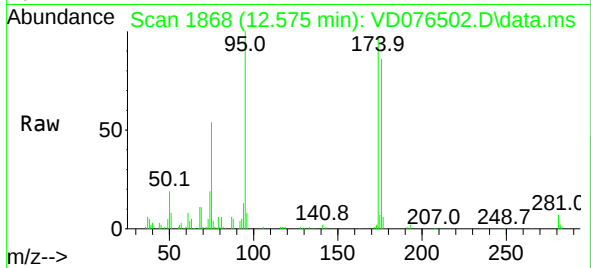




#62
4-Bromofluorobenzene
Concen: 41.410 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076502.D
Acq: 20 Jun 2023 20:19

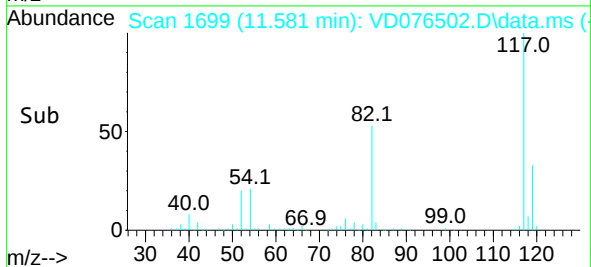
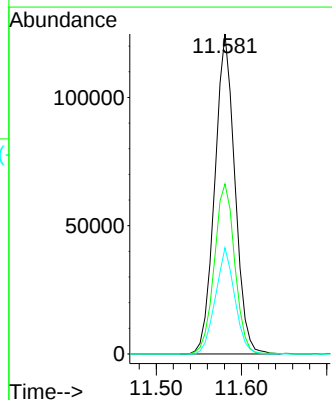
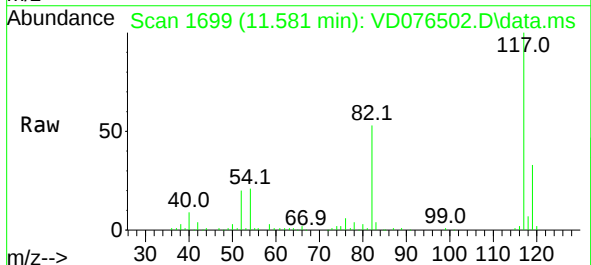
Instrument :
MSVOA_D
ClientSampleId :
VOC

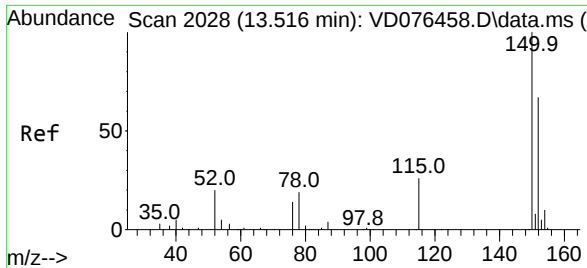
Tgt Ion: 95 Resp: 74054
Ion Ratio Lower Upper
95 100
174 93.8 0.0 201.8
176 89.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076502.D
Acq: 20 Jun 2023 20:19

Tgt Ion: 117 Resp: 204729
Ion Ratio Lower Upper
117 100
82 53.2 38.3 57.5
119 33.2 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD076502.D

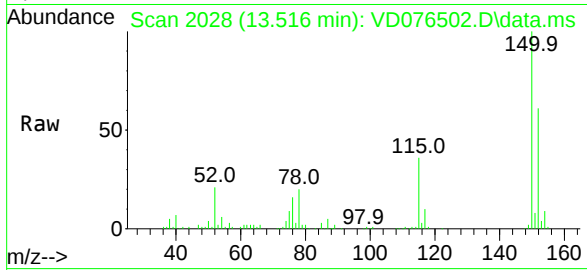
Acq: 20 Jun 2023 20:19

Instrument :

MSVOA_D

ClientSampleId :

VOC



Tgt Ion:152 Resp: 80151

Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 157.0 0.0 353.6

