

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076585.D
 Acq On : 26 Jun 2023 17:27
 Operator : KP/SY
 Sample : 03361-24RE
 Misc : 13.82G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-22-GRAB-5RE

Quant Time: Jun 27 04:29:01 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	108534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	178482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	105067	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	21121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81841	75.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.520%	
35) Dibromofluoromethane	7.805	113	83349	78.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 157.220%#	
50) Toluene-d8	10.269	98	228987	56.945	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.900%	
62) 4-Bromofluorobenzene	12.575	95	35645	27.313	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 54.620%	

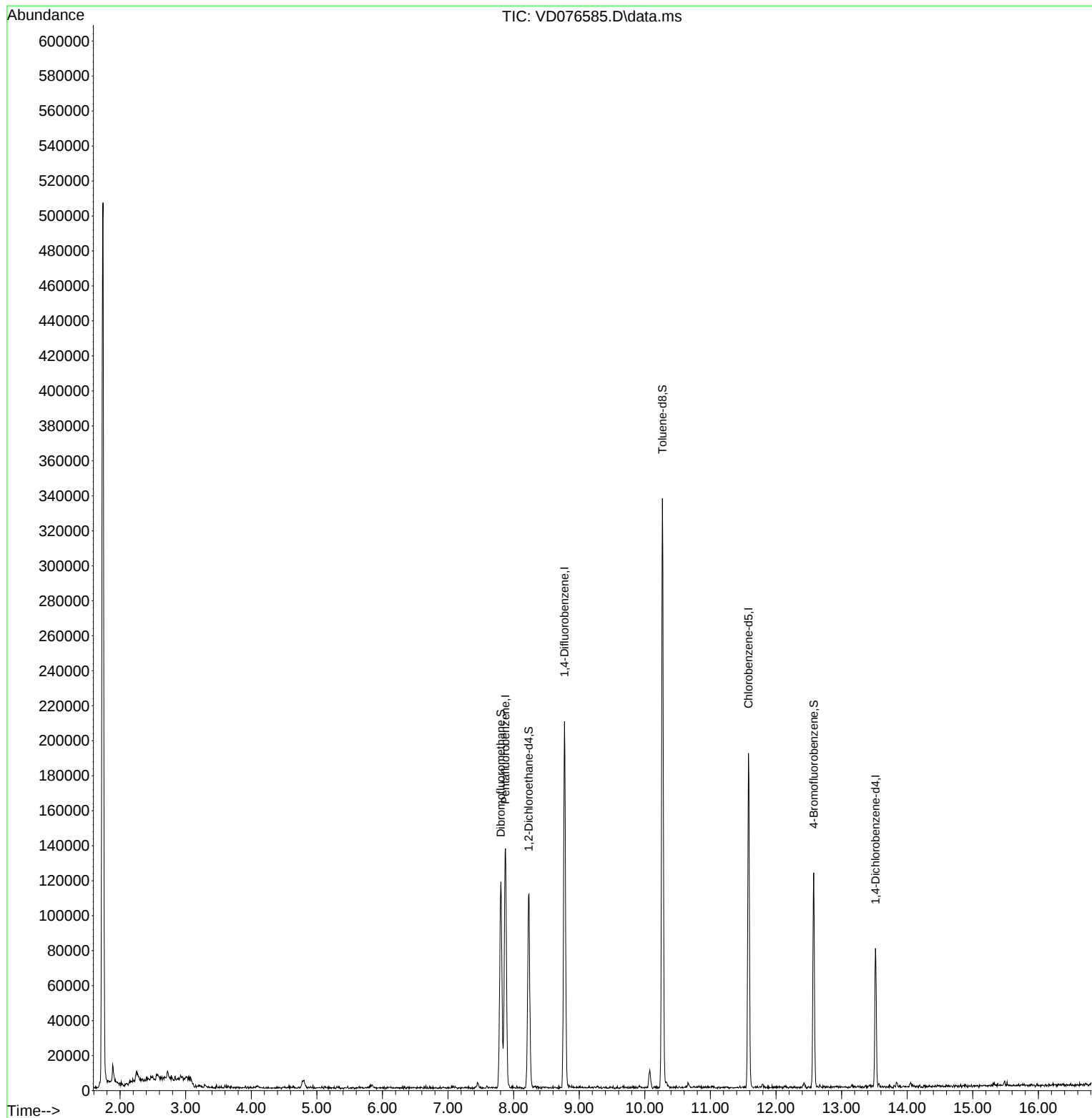
Target Compounds	Qvalue

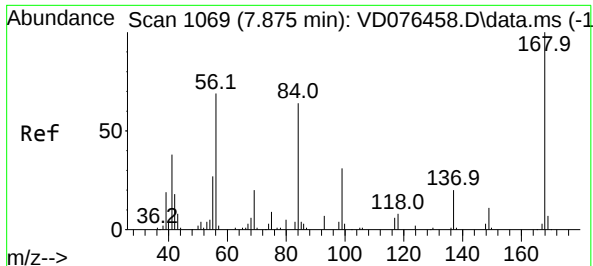
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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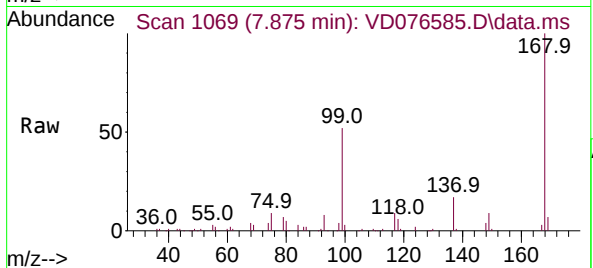
Quant Time: Jun 27 04:29:01 2023
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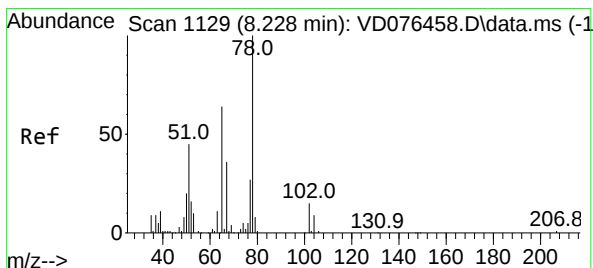
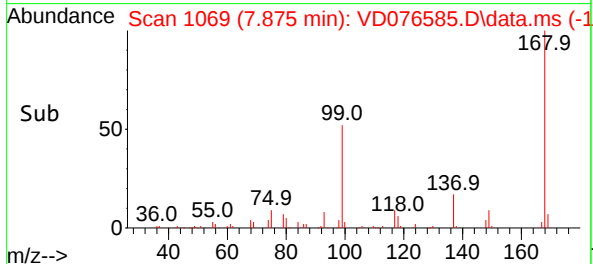
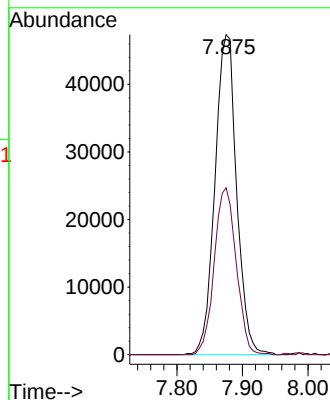


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076585.D
Acq: 26 Jun 2023 17:27

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-22-GRAB-5RE

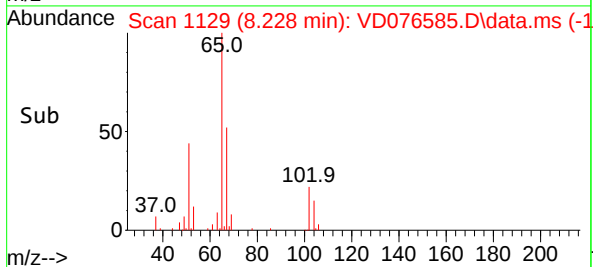
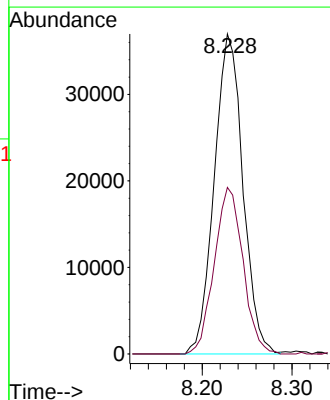
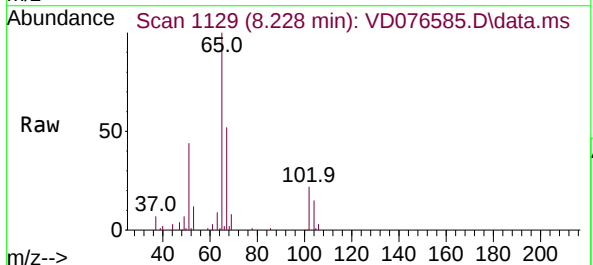


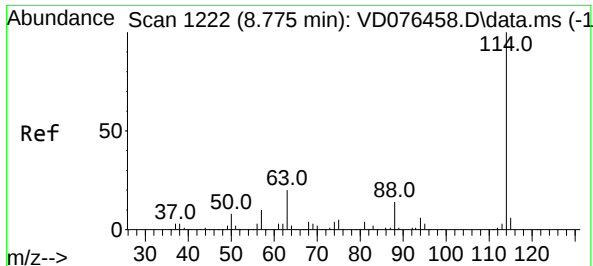
Tgt Ion:168 Resp: 108534
Ion Ratio Lower Upper
168 100
99 52.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 75.262 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076585.D
Acq: 26 Jun 2023 17:27

Tgt Ion: 65 Resp: 81841
Ion Ratio Lower Upper
65 100
67 52.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076585.D

Acq: 26 Jun 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-22-GRAB-5RE

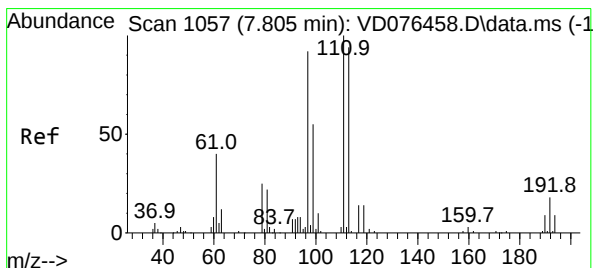
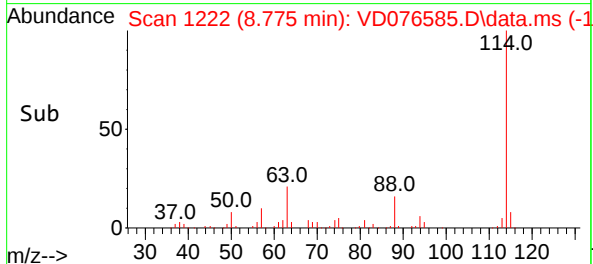
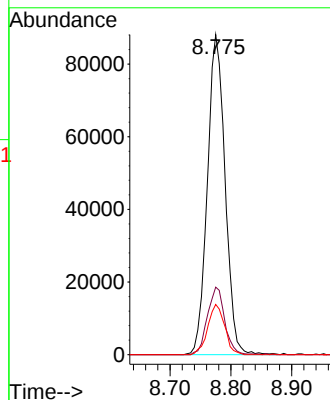
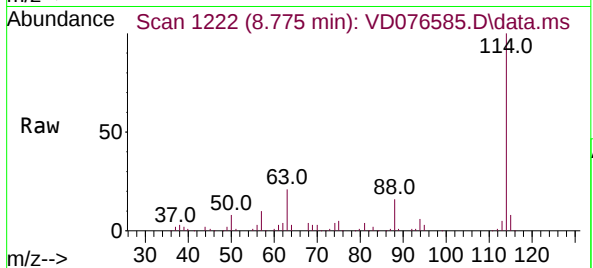
Tgt Ion:114 Resp: 178482

Ion Ratio Lower Upper

114 100

63 21.1 0.0 33.4

88 15.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 78.609 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076585.D

Acq: 26 Jun 2023 17:27

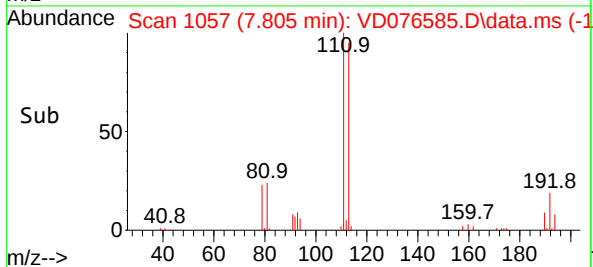
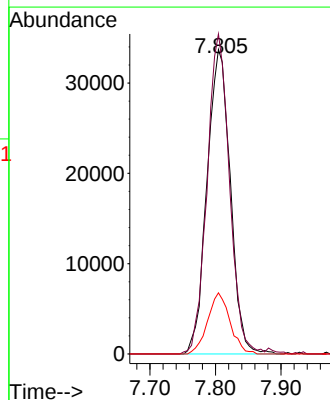
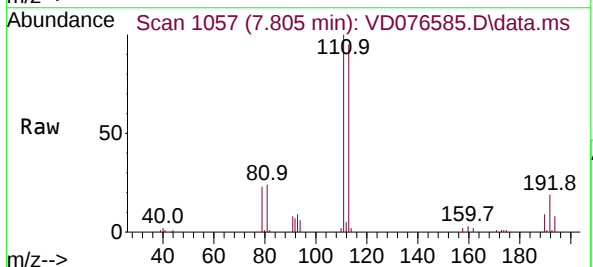
Tgt Ion:113 Resp: 83349

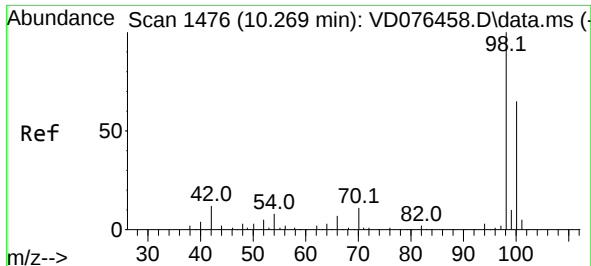
Ion Ratio Lower Upper

113 100

111 100.9 84.7 127.1

192 19.3 16.8 25.2

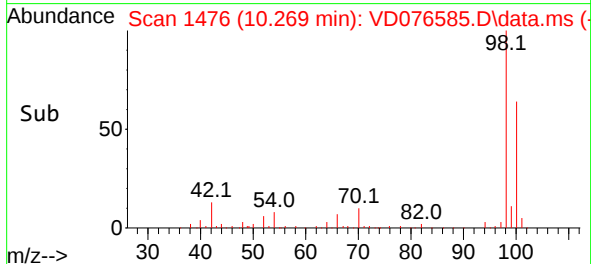
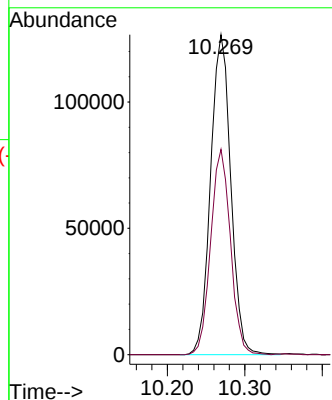
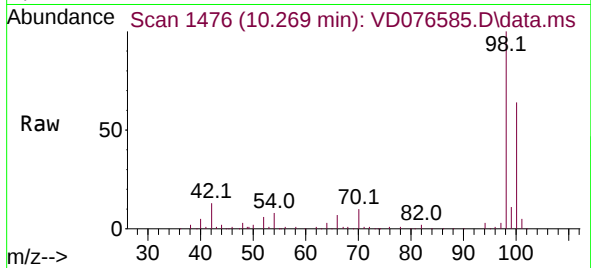




#50
Toluene-d8
Concen: 56.945 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076585.D
Acq: 26 Jun 2023 17:27

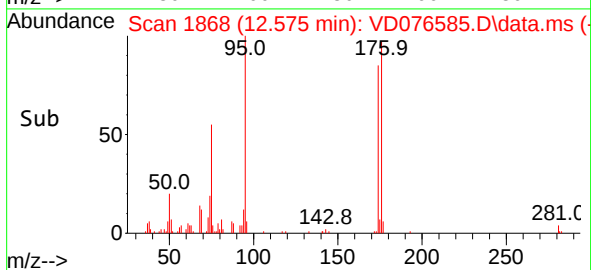
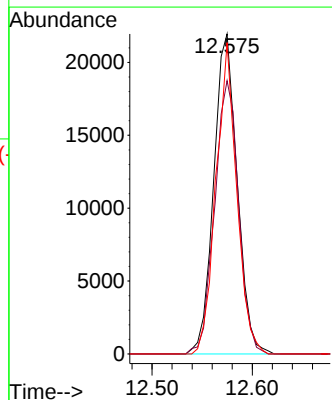
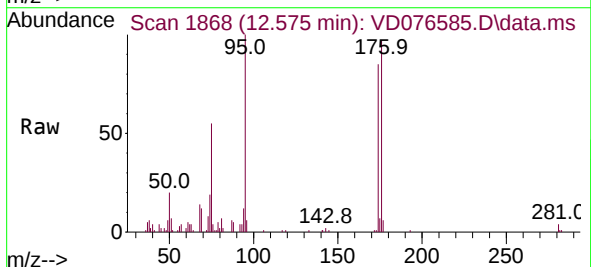
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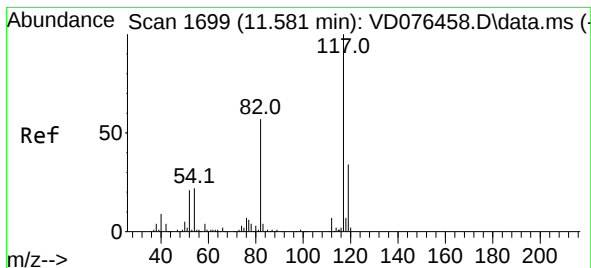
Tgt Ion: 98 Resp: 228987
Ion Ratio Lower Upper
98 100
100 62.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 27.313 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076585.D
Acq: 26 Jun 2023 17:27

Tgt Ion: 95 Resp: 35645
Ion Ratio Lower Upper
95 100
174 87.0 0.0 201.8
176 86.3 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076585.D

Acq: 26 Jun 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-22-GRAB-5RE

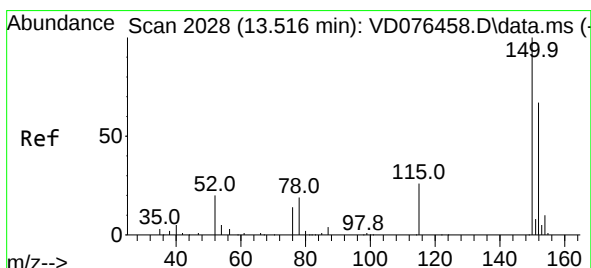
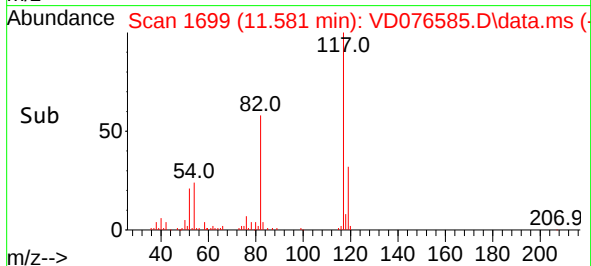
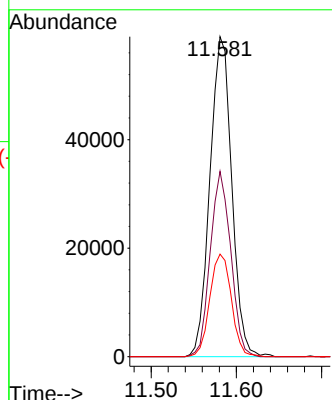
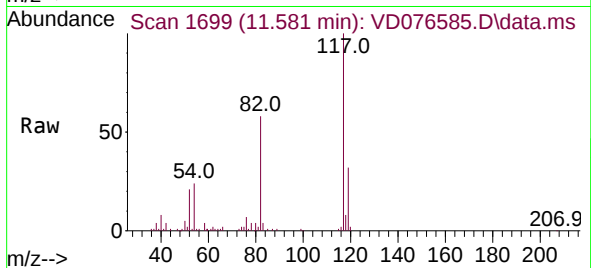
Tgt Ion:117 Resp: 105067

Ion Ratio Lower Upper

117 100

82 57.9 38.3 57.5#

119 32.0 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD076585.D

Acq: 26 Jun 2023 17:27

Tgt Ion:152 Resp: 21121

Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.3

150 146.0 0.0 353.6

