

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076583.D
 Acq On : 26 Jun 2023 16:27
 Operator : KP/SY
 Sample : 03361-17
 Misc : 10.73G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-23-GRAB-5

Quant Time: Jun 27 04:28:21 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	137974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	242763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	194715	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102210	73.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.880%	
35) Dibromofluoromethane	7.804	113	97382	67.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 135.040%	
50) Toluene-d8	10.269	98	324750	59.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 118.760%	
62) 4-Bromofluorobenzene	12.575	95	79756	44.932	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.860%	

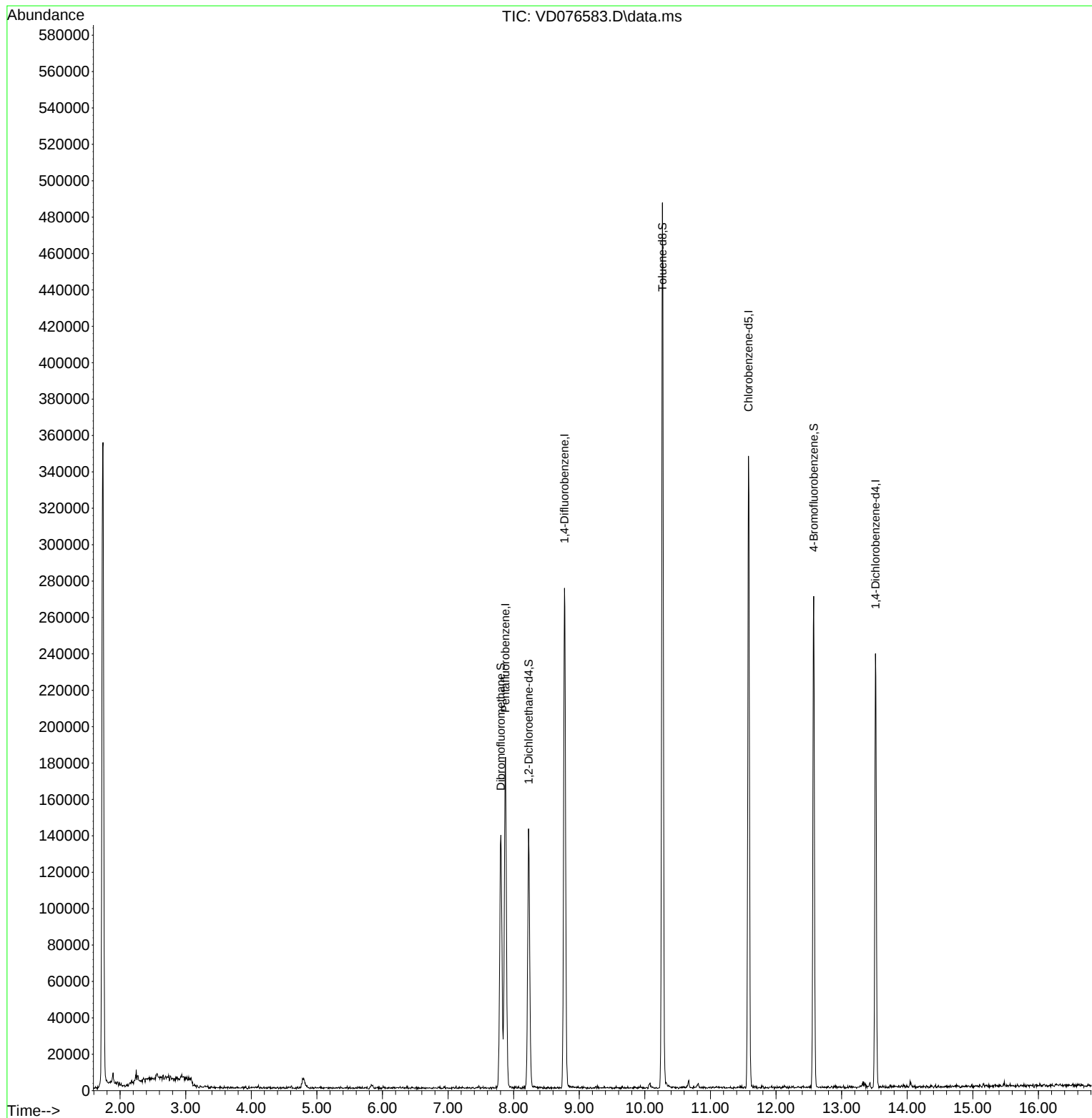
Target Compounds Qvalue

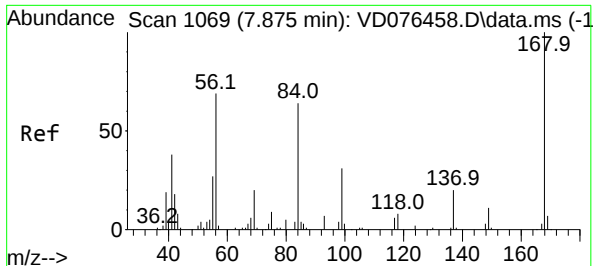
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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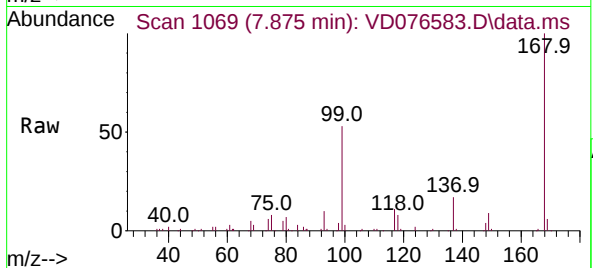
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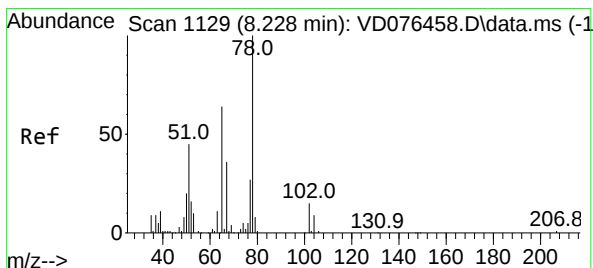
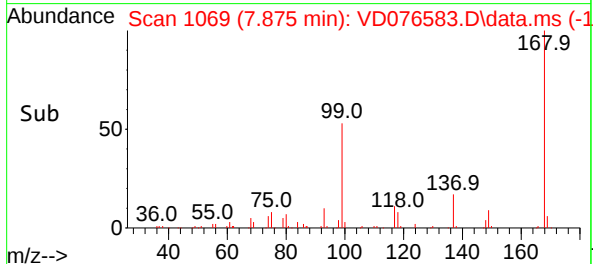
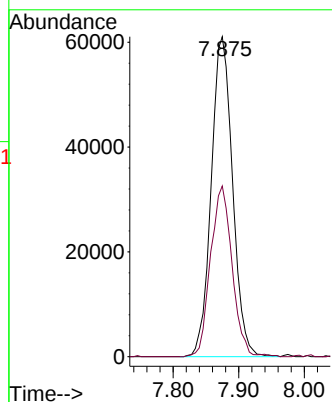


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076583.D
Acq: 26 Jun 2023 16:27

Instrument :
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ClientSampleId :
TOTAL-VOC-SB-23-GRAB-5

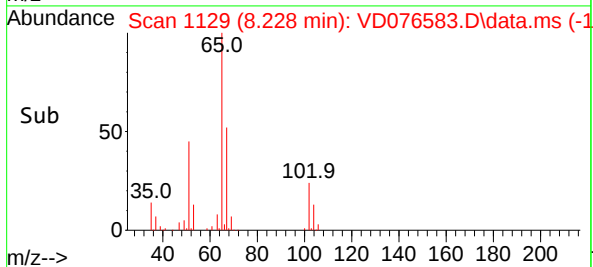
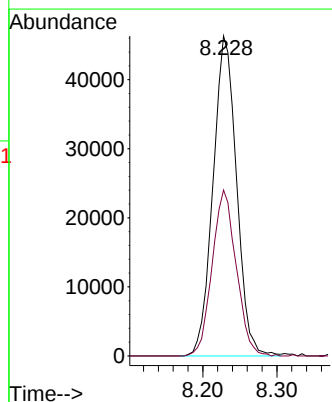
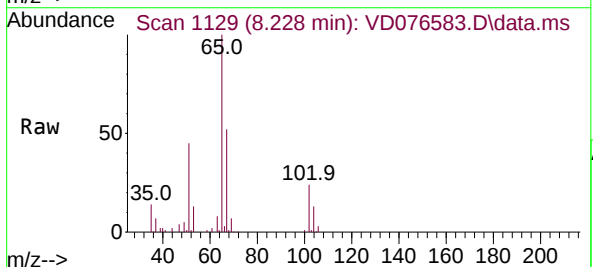


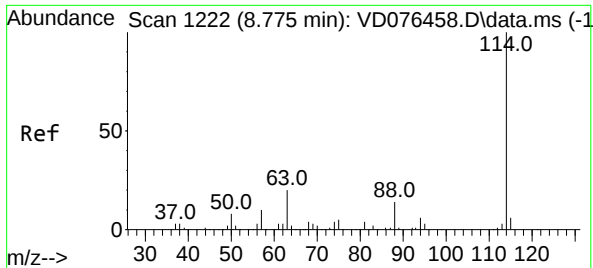
Tgt Ion:168 Resp: 137974
Ion Ratio Lower Upper
168 100
99 53.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 73.938 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076583.D
Acq: 26 Jun 2023 16:27

Tgt Ion: 65 Resp: 102210
Ion Ratio Lower Upper
65 100
67 53.0 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: VD076583.D

Acq: 26 Jun 2023 16:27

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-23-GRAB-5

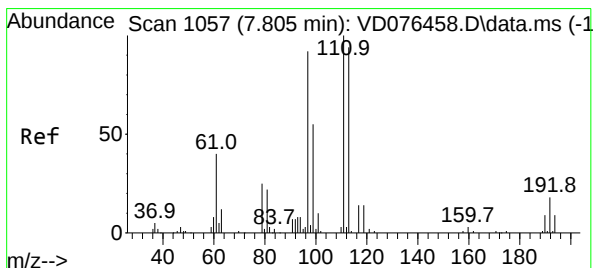
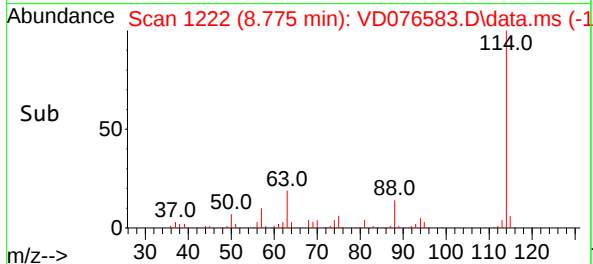
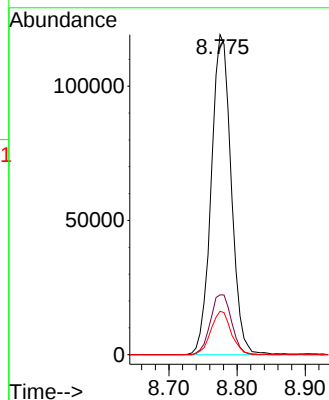
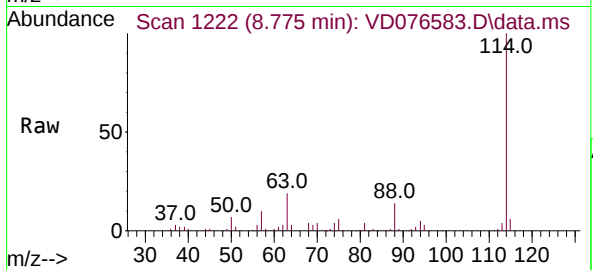
Tgt Ion:114 Resp: 242763

Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 67.524 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076583.D

Acq: 26 Jun 2023 16:27

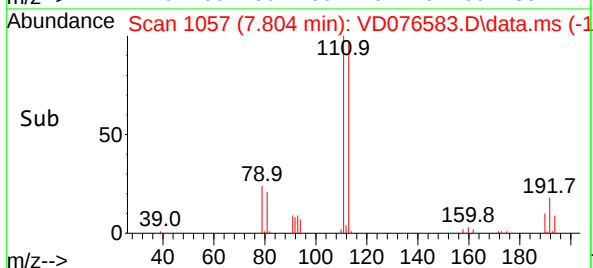
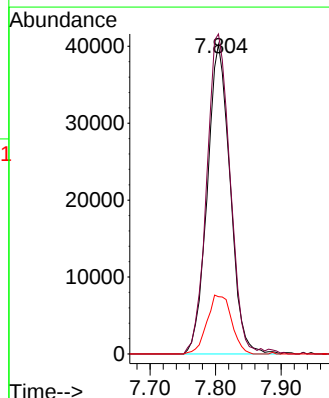
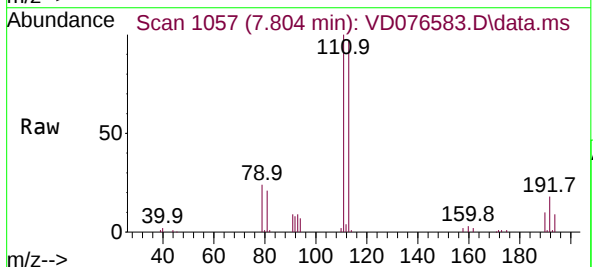
Tgt Ion:113 Resp: 97382

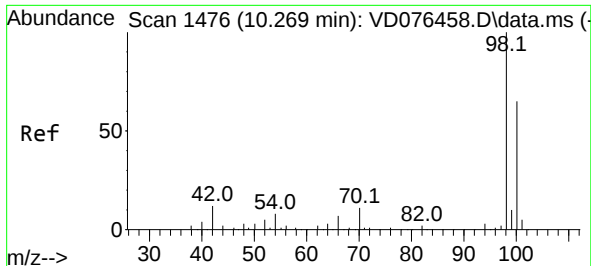
Ion Ratio Lower Upper

113 100

111 106.6 84.7 127.1

192 20.3 16.8 25.2

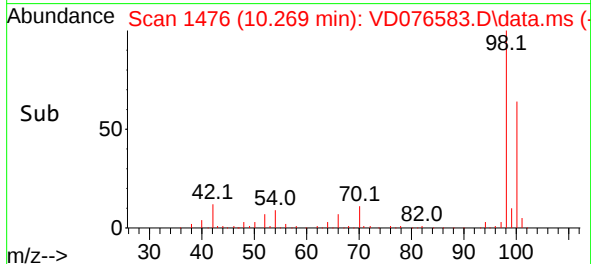
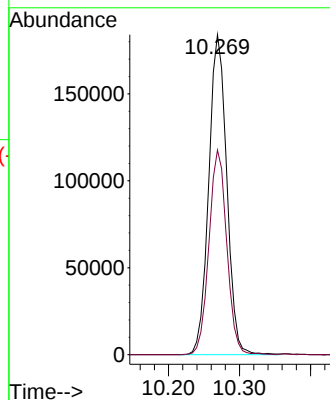
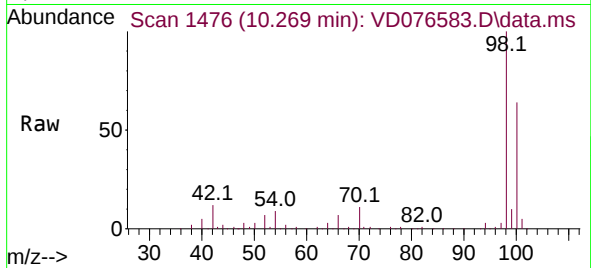




#50
Toluene-d8
Concen: 59.376 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076583.D
Acq: 26 Jun 2023 16:27

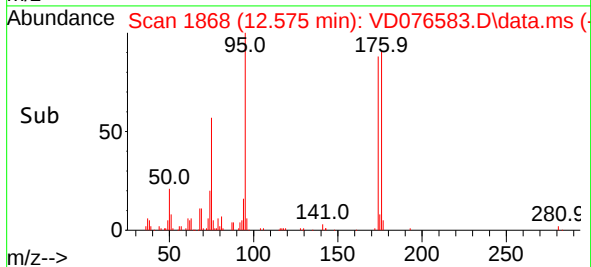
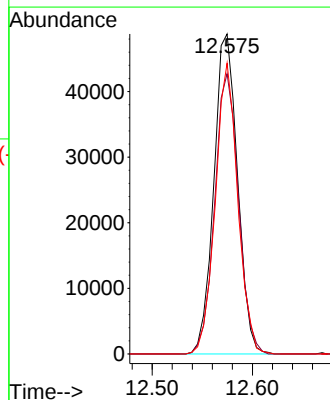
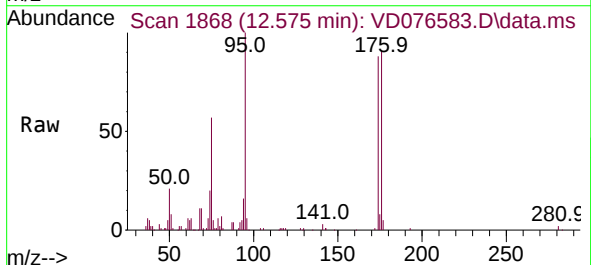
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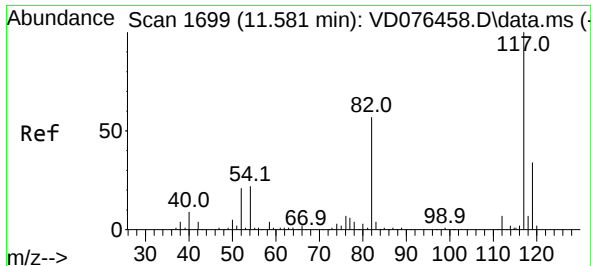
Tgt Ion: 98 Resp: 324750
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.932 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076583.D
Acq: 26 Jun 2023 16:27

Tgt Ion: 95 Resp: 79756
Ion Ratio Lower Upper
95 100
174 88.1 0.0 201.8
176 86.4 0.0 191.8

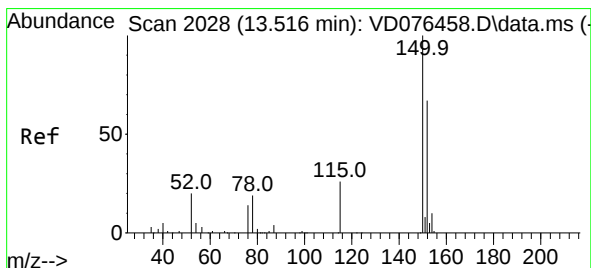
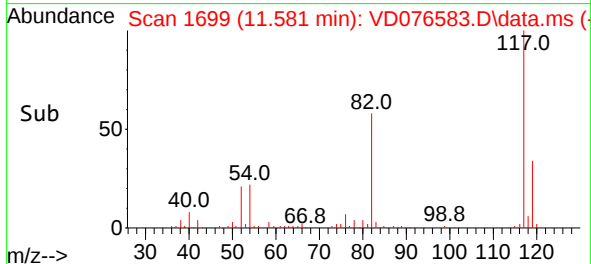
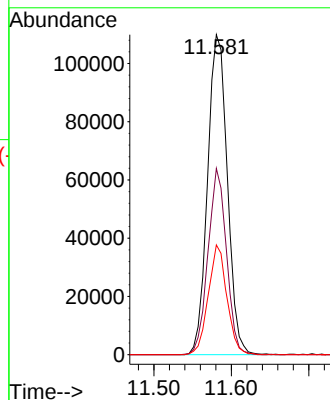
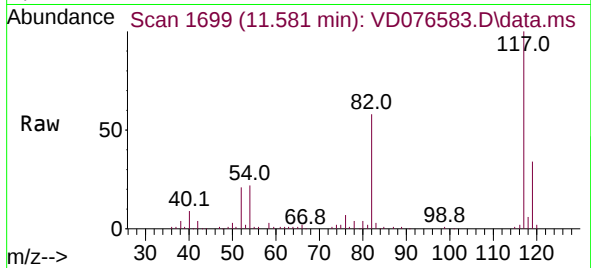




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076583.D
Acq: 26 Jun 2023 16:27

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-23-GRAB-5

Tgt Ion:117 Resp: 194715
Ion Ratio Lower Upper
117 100
82 58.2 38.3 57.5#
119 34.3 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: VD076583.D
Acq: 26 Jun 2023 16:27

Tgt Ion:152 Resp: 59224
Ion Ratio Lower Upper
152 100
115 58.4 27.1 81.3
150 164.1 0.0 353.6

