

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076237.D
 Acq On : 25 May 2023 17:09
 Operator : KP/SY
 Sample : 02916-03
 Misc : 3.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-621-VOC-01

Quant Time: May 26 02:00:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	270809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	530458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	418112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	133793	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	135302	51.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.400%
35) Dibromofluoromethane	7.804	113	192199	52.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.840%
50) Toluene-d8	10.269	98	553280	38.709	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.420%
62) 4-Bromofluorobenzene	12.575	95	159607	40.198	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.400%

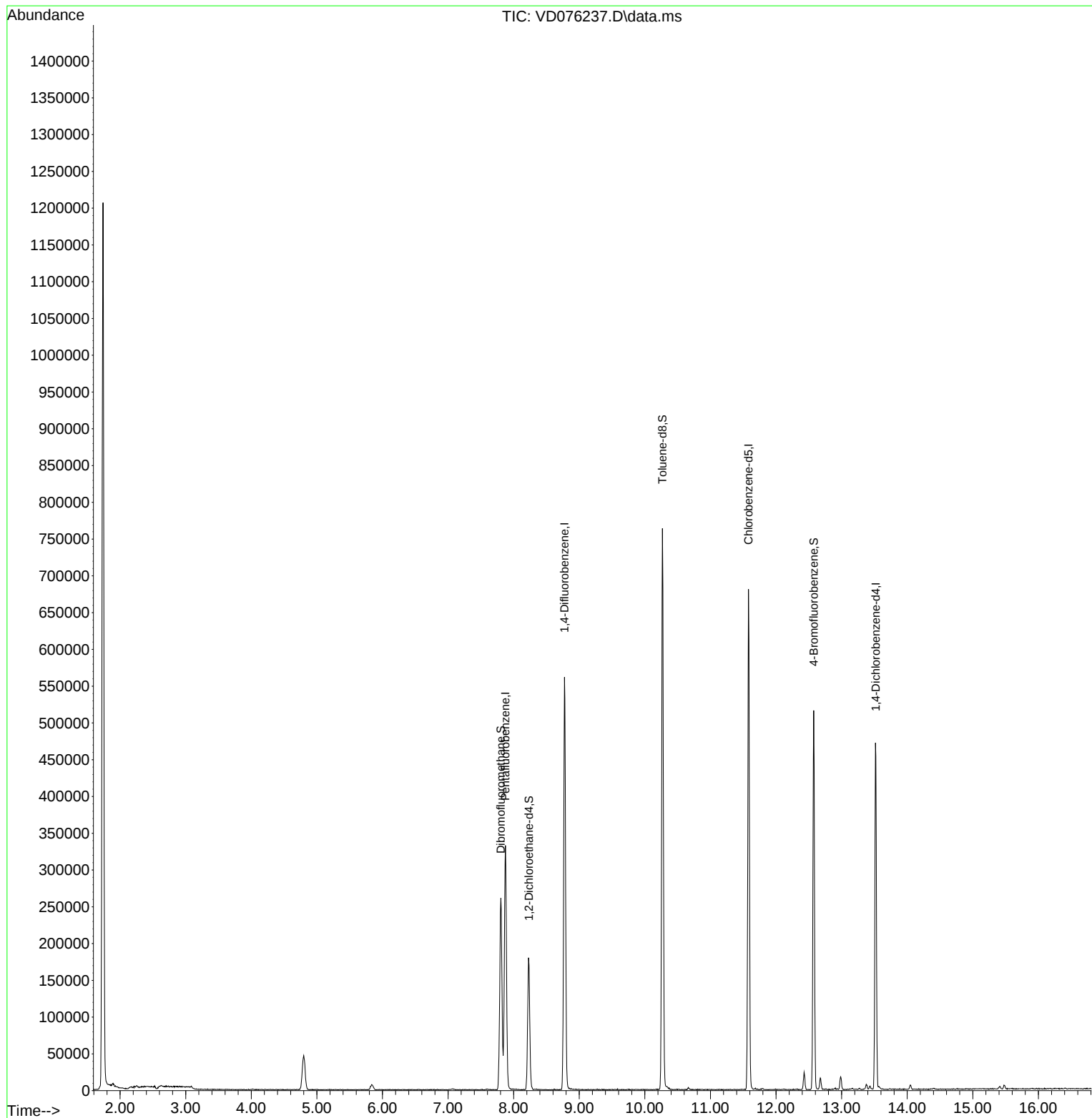
Target Compounds	Qvalue

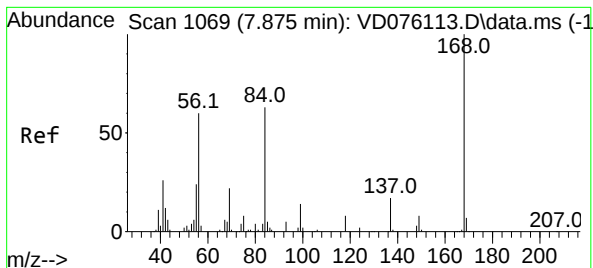
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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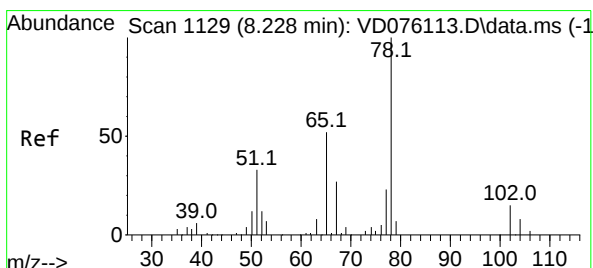
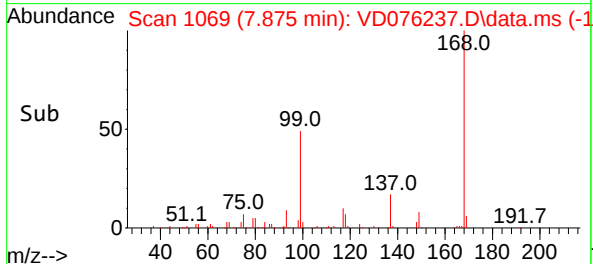
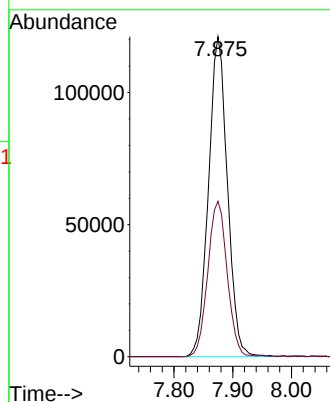
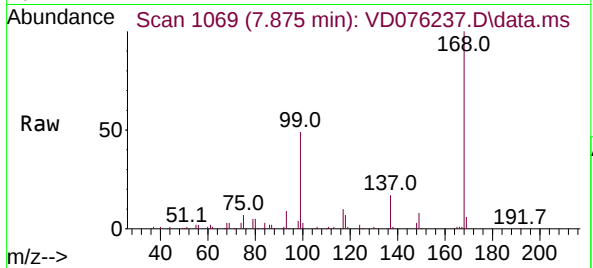




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076237.D
Acq: 25 May 2023 17:09

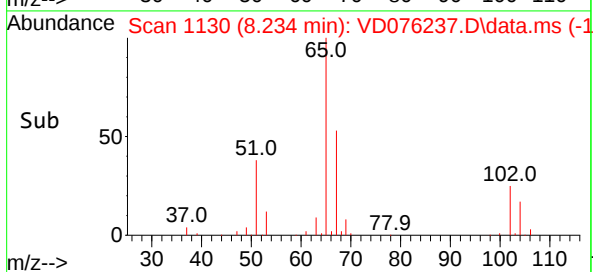
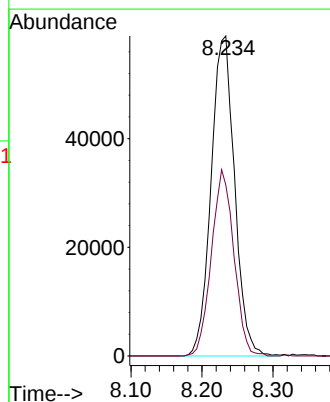
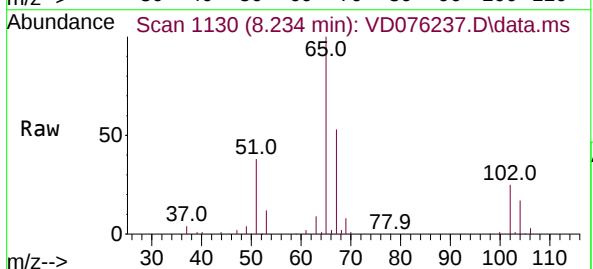
Instrument :
MSVOA_D
ClientSampleId :
SU-621-VOC-01

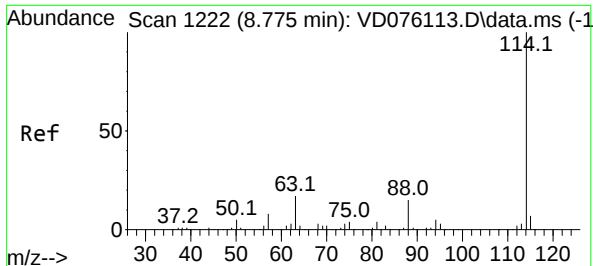
Tgt Ion:168 Resp: 270809
Ion Ratio Lower Upper
168 100
99 48.6 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 51.695 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076237.D
Acq: 25 May 2023 17:09

Tgt Ion: 65 Resp: 135302
Ion Ratio Lower Upper
65 100
67 55.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076237.D

Acq: 25 May 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

SU-621-VOC-01

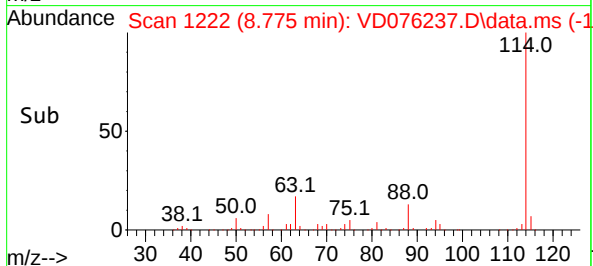
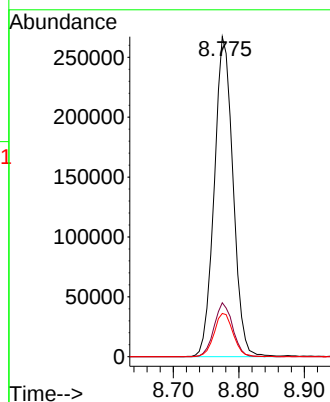
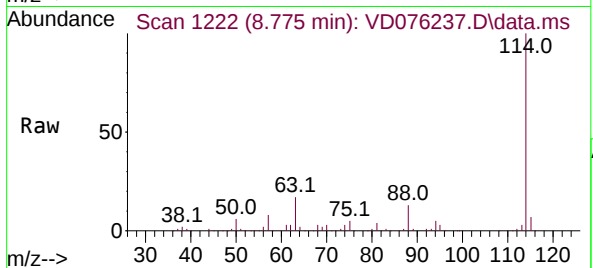
Tgt Ion:114 Resp: 530458

Ion Ratio Lower Upper

114 100

63 16.9 0.0 41.6

88 13.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.419 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076237.D

Acq: 25 May 2023 17:09

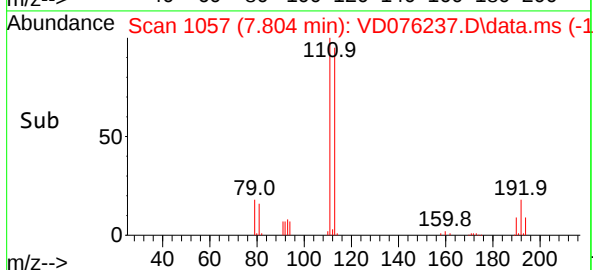
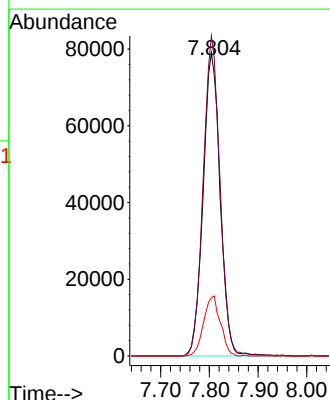
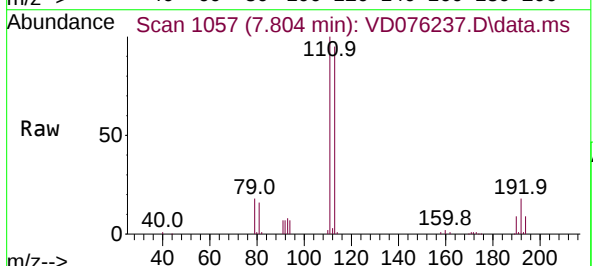
Tgt Ion:113 Resp: 192199

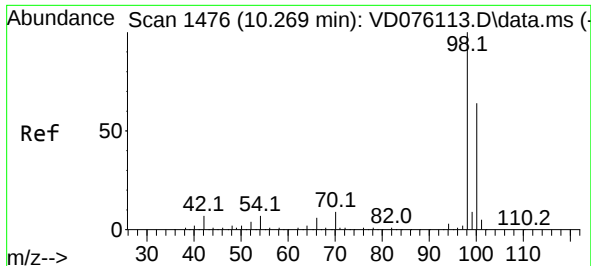
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 19.4 15.2 22.8

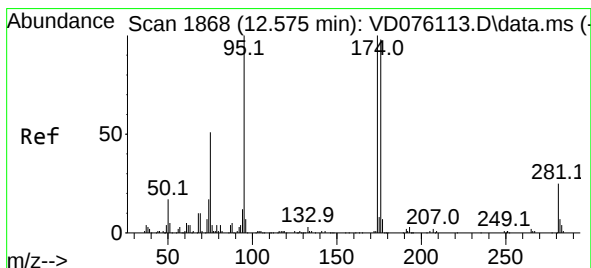
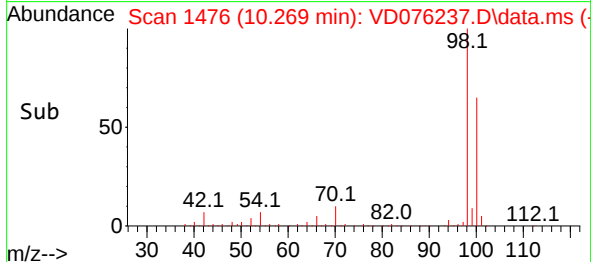
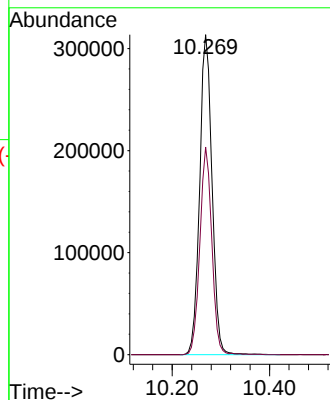
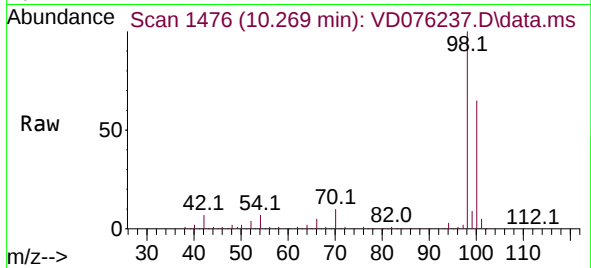




#50
Toluene-d8
Concen: 38.709 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076237.D
Acq: 25 May 2023 17:09

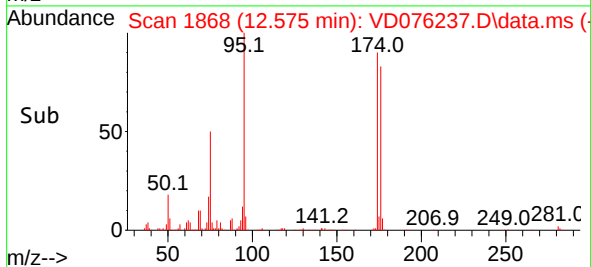
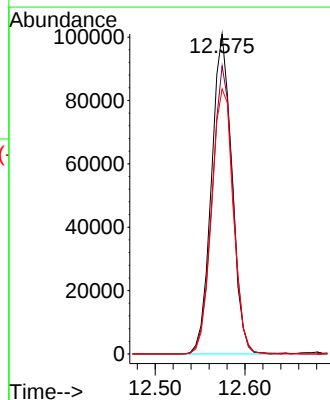
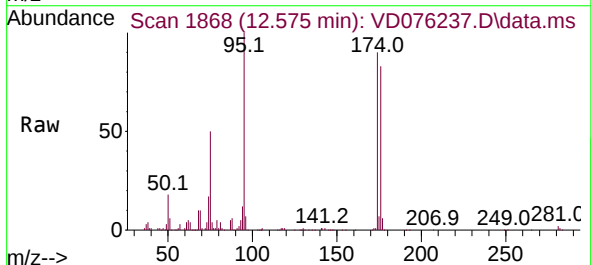
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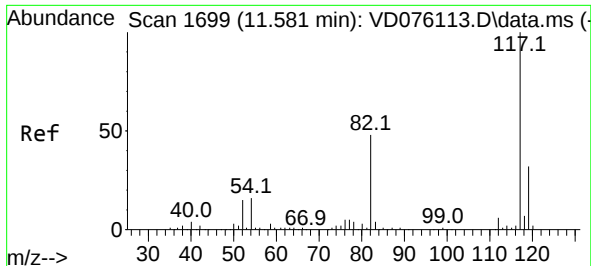
Tgt Ion: 98 Resp: 553280
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.198 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076237.D
Acq: 25 May 2023 17:09

Tgt Ion: 95 Resp: 159607
Ion Ratio Lower Upper
95 100
174 91.7 0.0 164.0
176 87.4 0.0 156.8

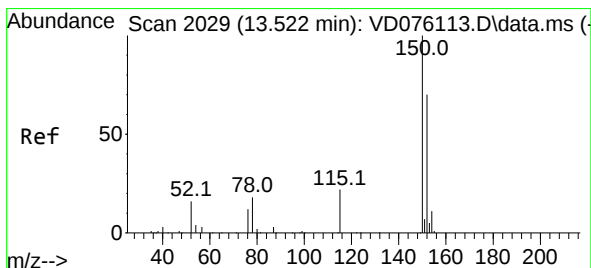
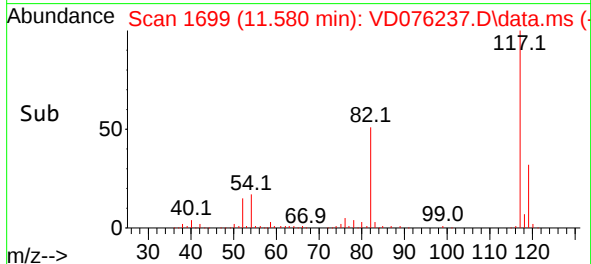
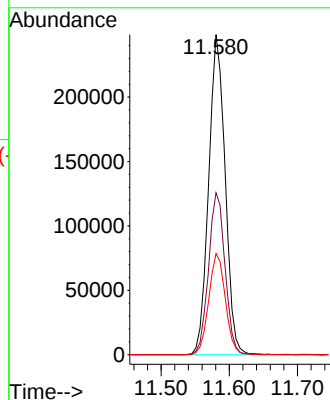
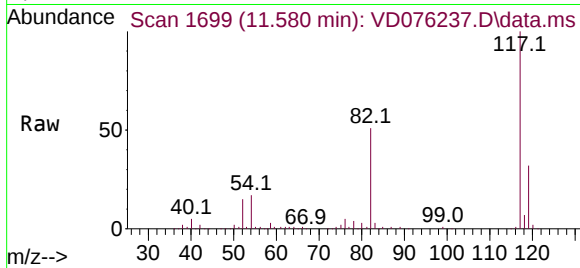




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD076237.D
Acq: 25 May 2023 17:09

Instrument :
MSVOA_D
ClientSampleId :
SU-621-VOC-01

Tgt Ion:117 Resp: 418112
Ion Ratio Lower Upper
117 100
82 50.6 44.0 66.0
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076237.D
Acq: 25 May 2023 17:09

Tgt Ion:152 Resp: 133793
Ion Ratio Lower Upper
152 100
115 54.4 30.1 90.3
150 157.5 0.0 364.8

