

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077508.D
 Acq On : 06 Nov 2023 14:43
 Operator : JC/SY
 Sample : 05256-03
 Misc : 5.46G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-VOC

Quant Time: Nov 07 02:09:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	274867	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	525976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	470646	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	209699	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	167609	43.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.240%
35) Dibromofluoromethane	7.804	113	158178	43.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.020%
50) Toluene-d8	10.269	98	679776	48.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.575	95	209960	44.147	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.300%

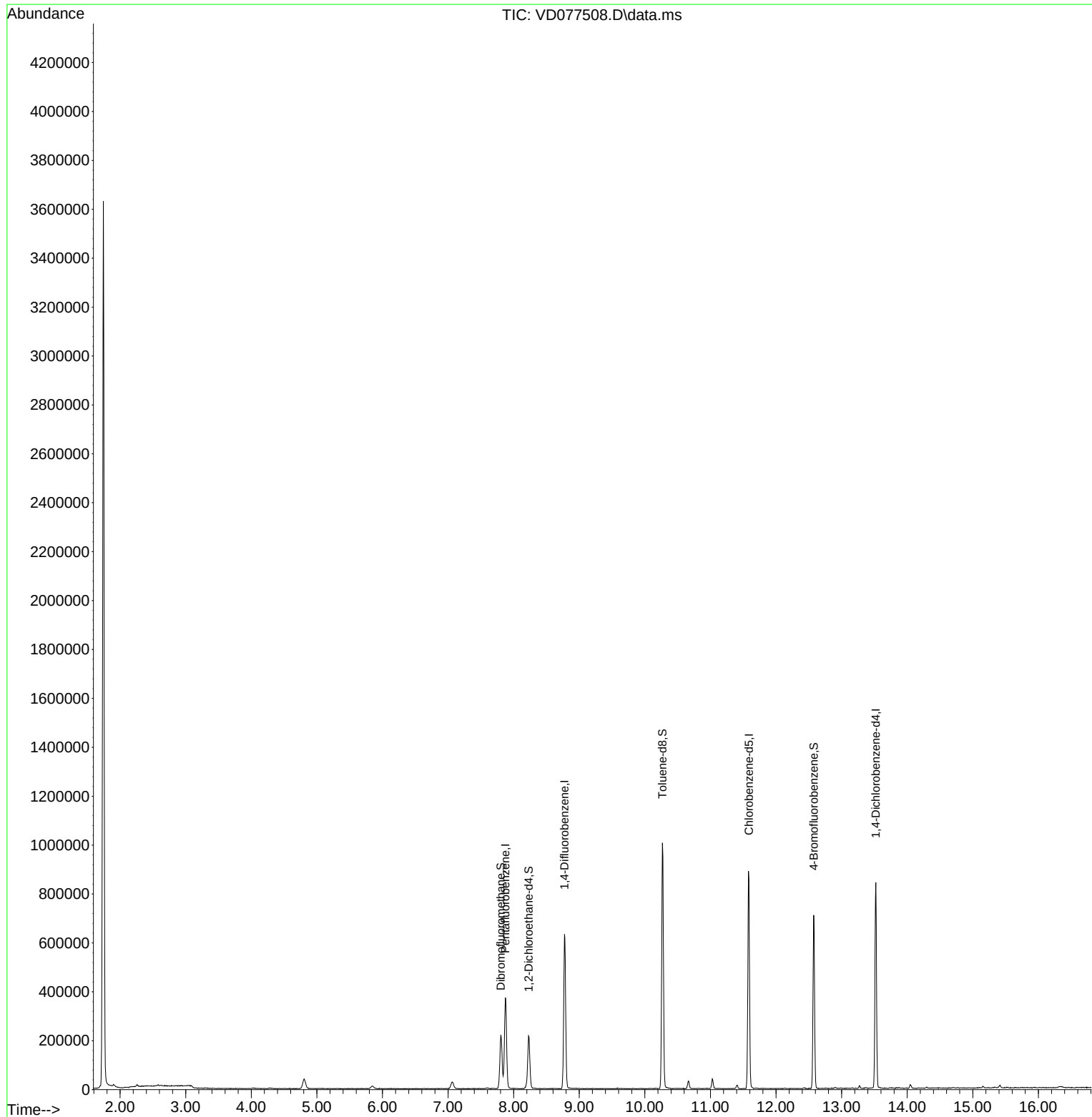
Target Compounds	Qvalue

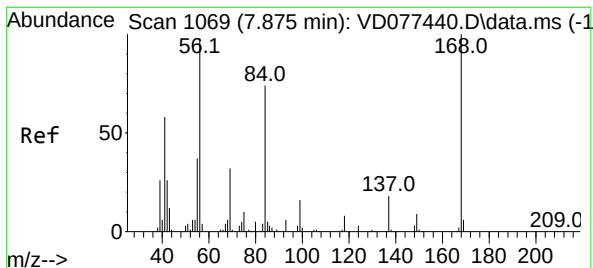
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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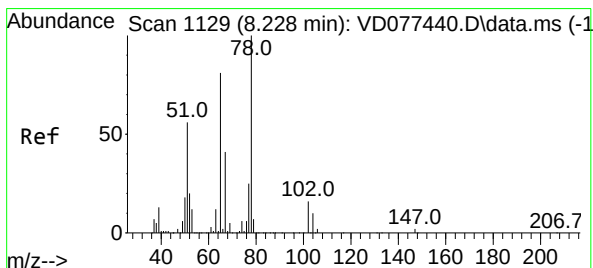
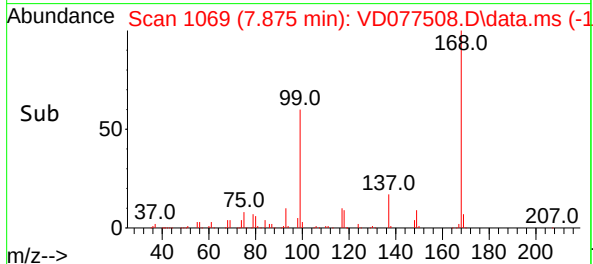
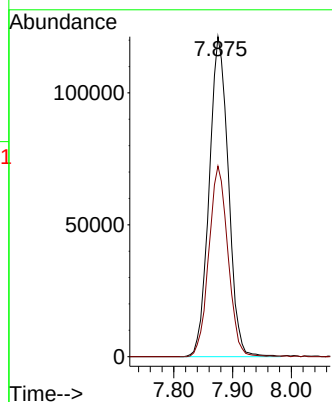
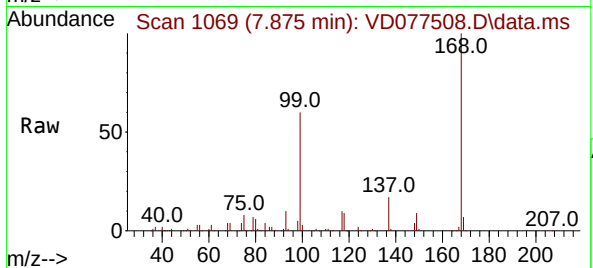




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

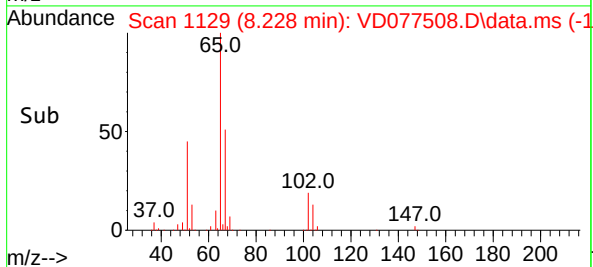
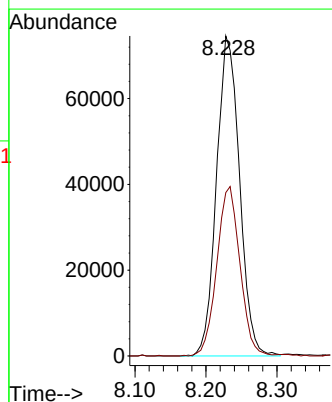
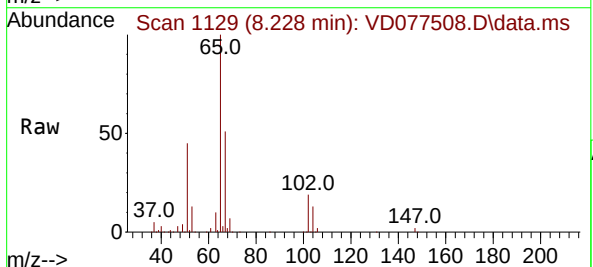
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

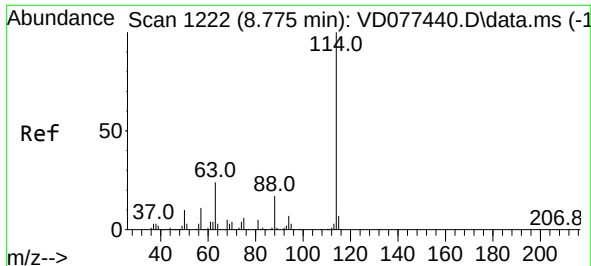
Tgt Ion:168 Resp: 274867
Ion Ratio Lower Upper
168 100
99 59.5 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 43.123 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

Tgt Ion: 65 Resp: 167609
Ion Ratio Lower Upper
65 100
67 53.3 0.0 115.0

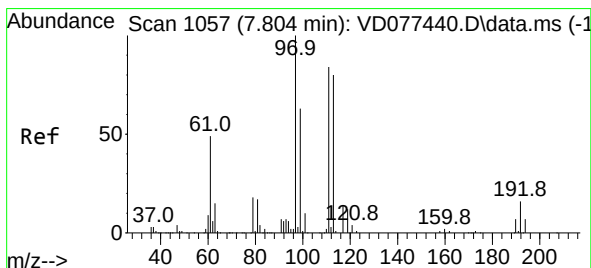
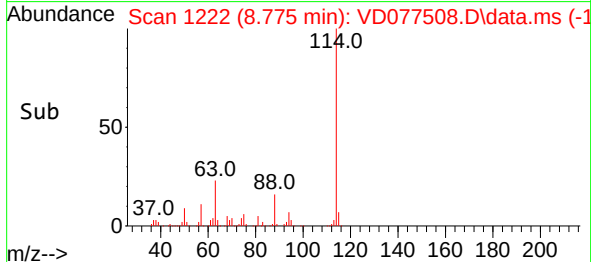
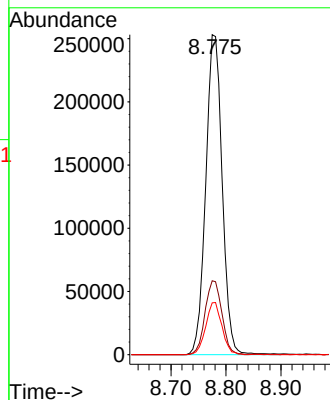
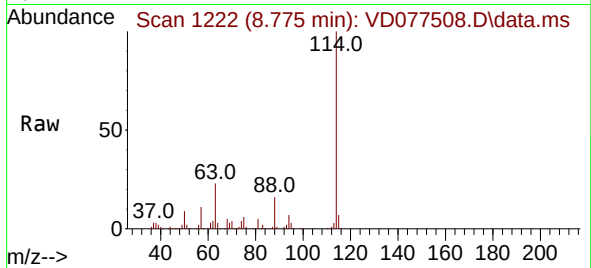




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

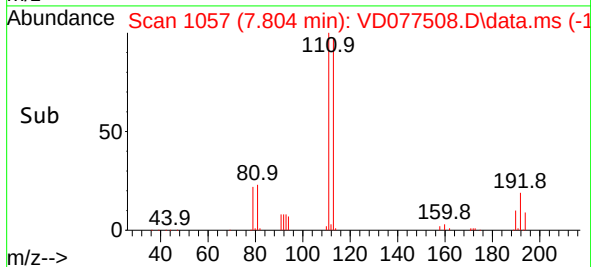
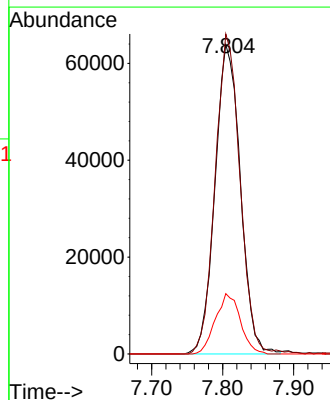
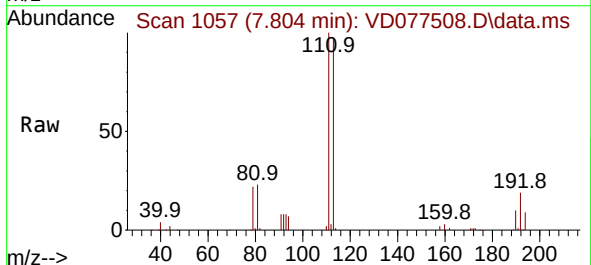
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

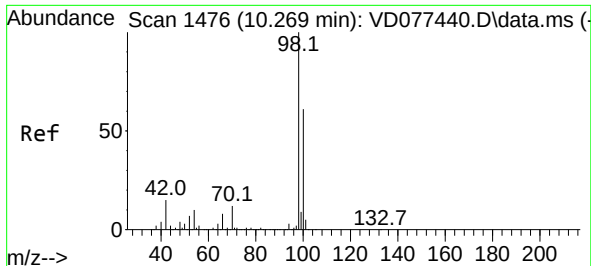
Tgt Ion:114 Resp: 525976
Ion Ratio Lower Upper
114 100
63 23.1 0.0 33.4
88 16.2 0.0 26.2



#35
Dibromofluoromethane
Concen: 43.511 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

Tgt Ion:113 Resp: 158178
Ion Ratio Lower Upper
113 100
111 101.4 84.7 127.1
192 19.2 16.8 25.2

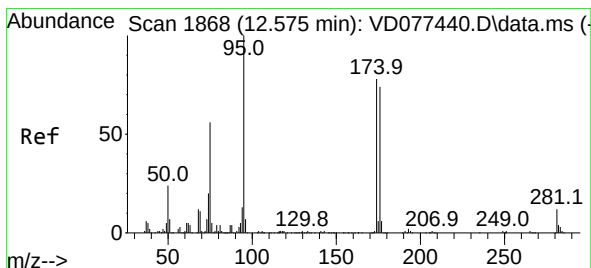
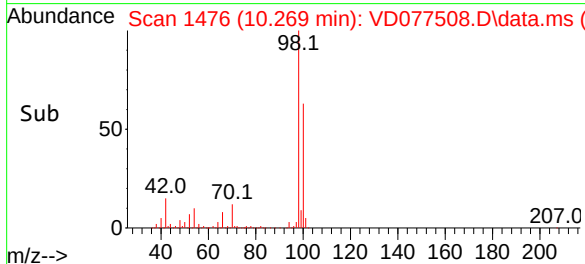
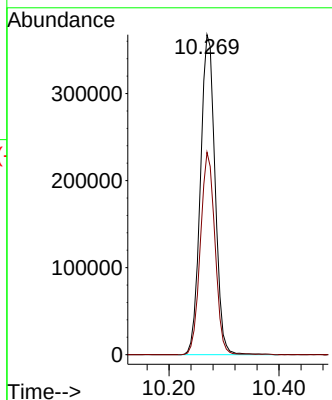
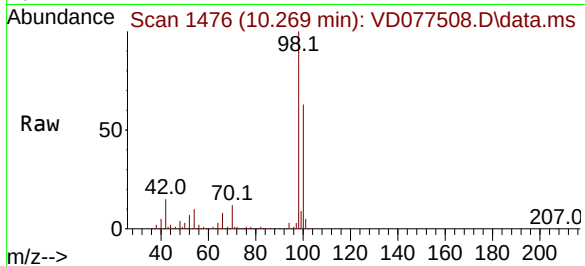




#50
Toluene-d8
Concen: 48.141 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

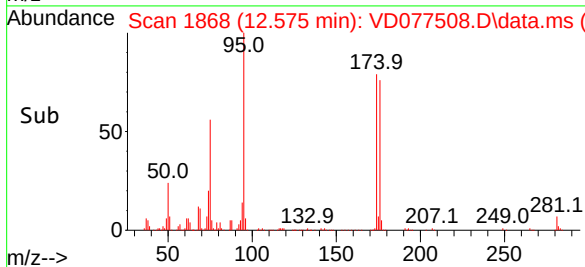
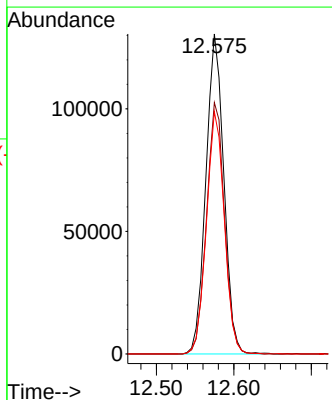
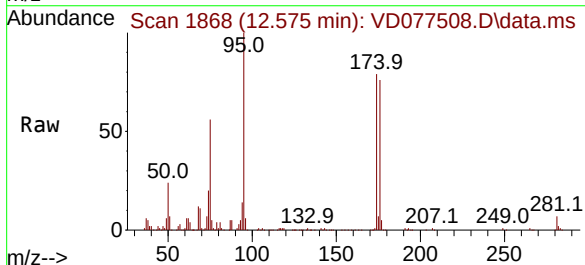
Instrument :
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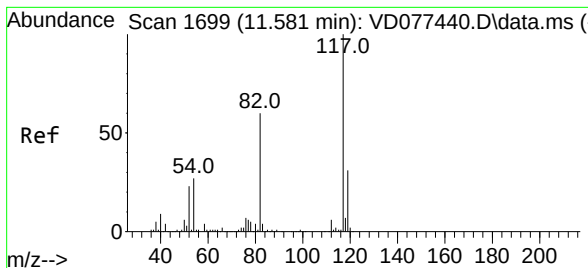
Tgt Ion: 98 Resp: 679776
Ion Ratio Lower Upper
98 100
100 63.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.147 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

Tgt Ion: 95 Resp: 209960
Ion Ratio Lower Upper
95 100
174 78.9 0.0 201.8
176 75.5 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077508.D

Acq: 06 Nov 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

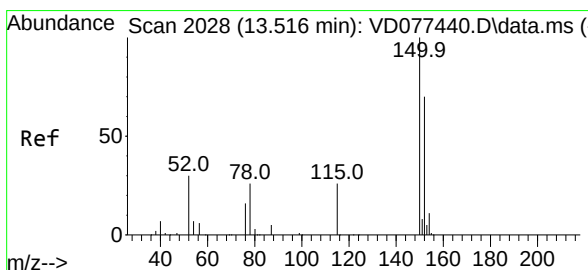
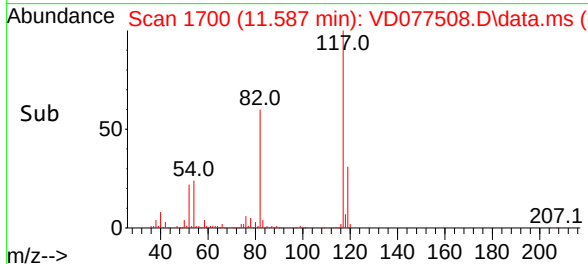
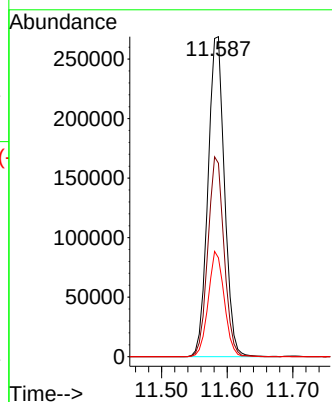
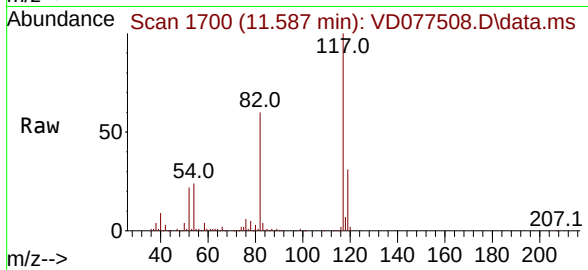
Tgt Ion:117 Resp: 470646

Ion Ratio Lower Upper

117 100

82 60.5 38.3 57.5#

119 30.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD077508.D

Acq: 06 Nov 2023 14:43

Tgt Ion:152 Resp: 209699

Ion Ratio Lower Upper

152 100

115 60.7 27.1 81.3

150 158.1 0.0 353.6

