

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077509.D
 Acq On : 06 Nov 2023 15:10
 Operator : JC/SY
 Sample : 05256-07
 Misc : 4.74G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-11-VOC

Quant Time: Nov 07 02:10:03 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	7.881	168	308857	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	583186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	523756	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	234672	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	175303	40.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.280%
35) Dibromofluoromethane	7.810	113	174651	43.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.660%
50) Toluene-d8	10.269	98	765001	48.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.574	95	230256	43.665	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.340%

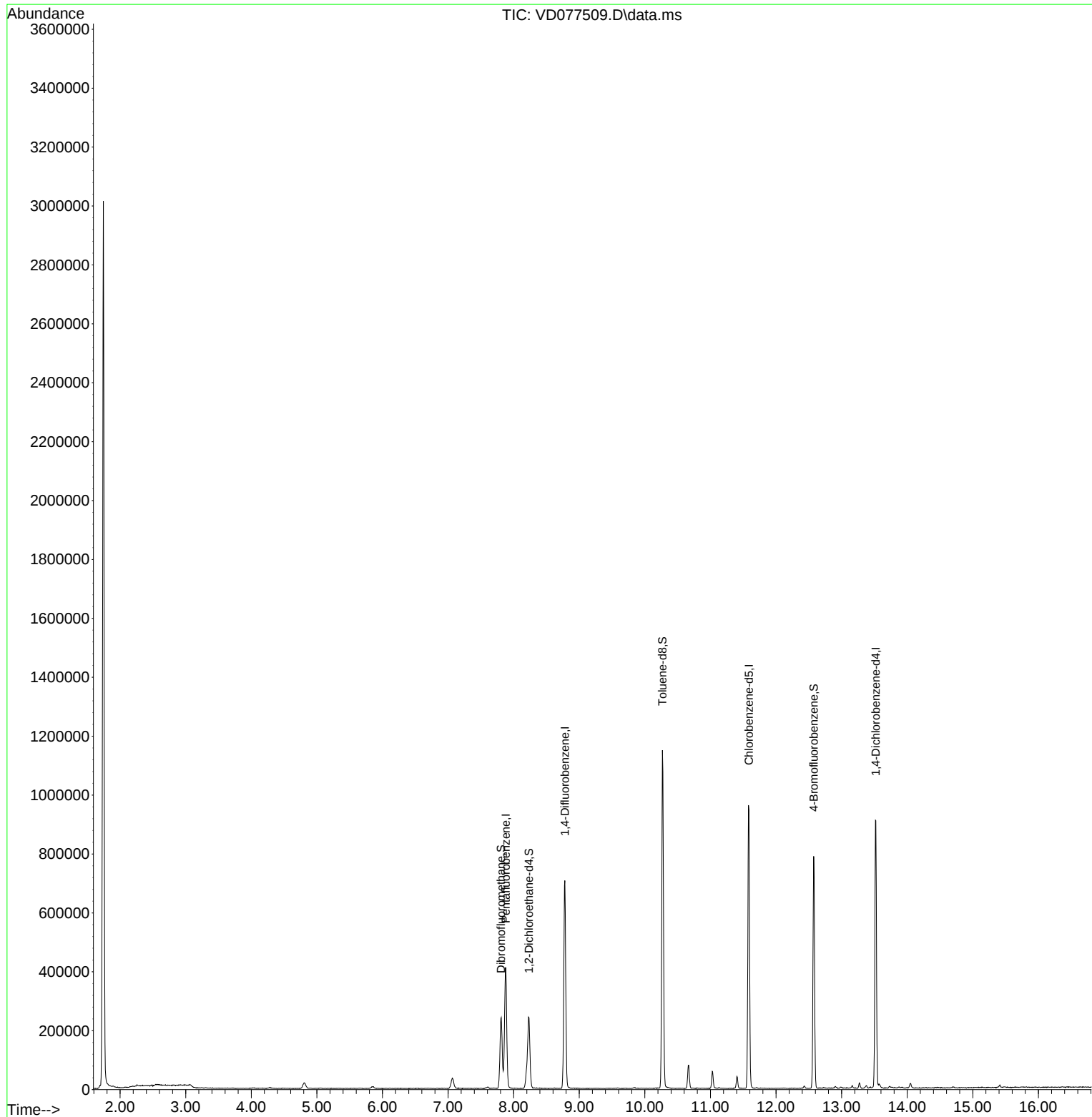
Target Compounds	Qvalue

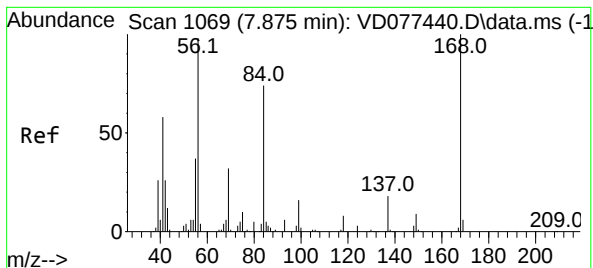
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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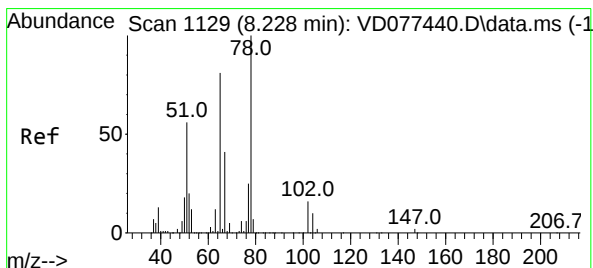
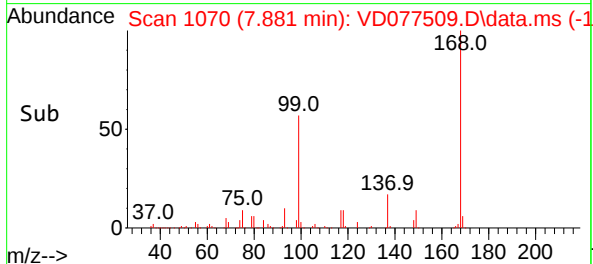
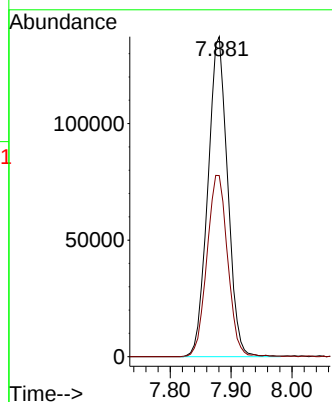
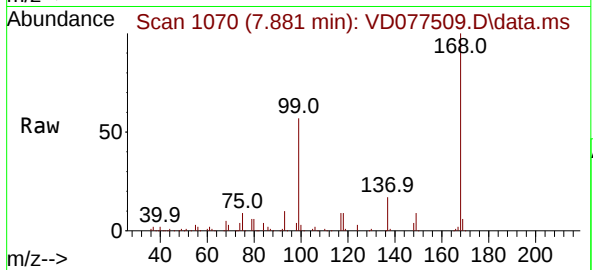




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077509.D
Acq: 06 Nov 2023 15:10

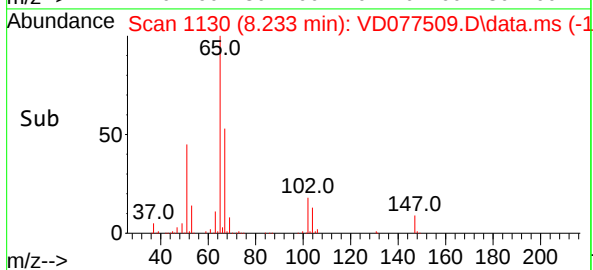
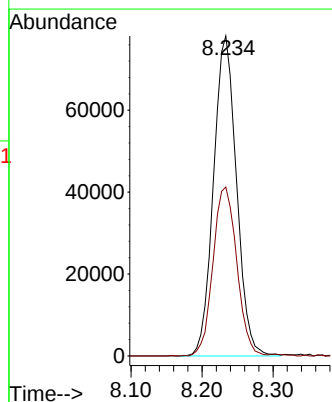
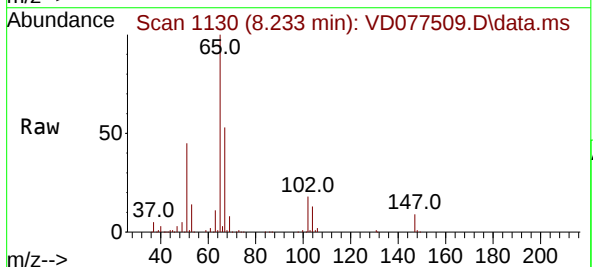
Instrument :
MSVOA_D
ClientSampleId :
WC-11-VOC

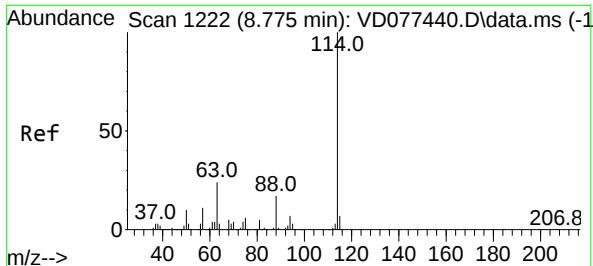
Tgt Ion:168 Resp: 308857
Ion Ratio Lower Upper
168 100
99 56.6 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 40.139 ug/l
RT: 8.233 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077509.D
Acq: 06 Nov 2023 15:10

Tgt Ion: 65 Resp: 175303
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077509.D

Acq: 06 Nov 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

WC-11-VOC

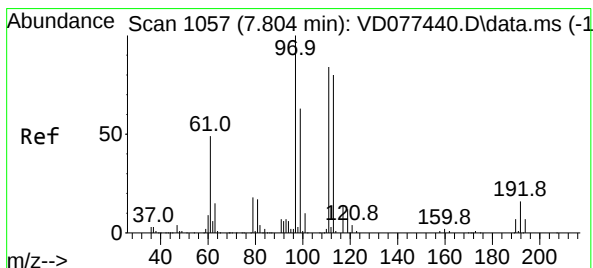
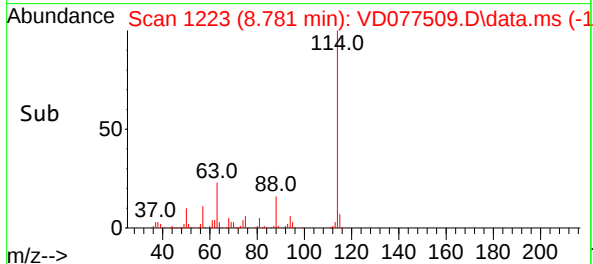
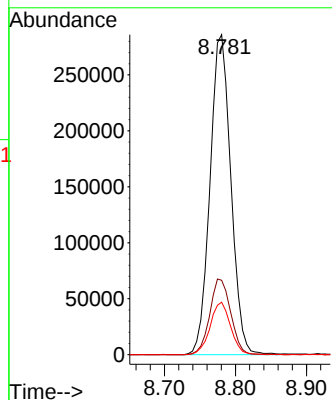
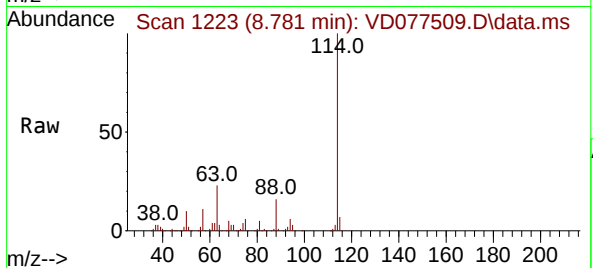
Tgt Ion:114 Resp: 583186

Ion Ratio Lower Upper

114 100

63 23.2 0.0 33.4

88 16.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.330 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077509.D

Acq: 06 Nov 2023 15:10

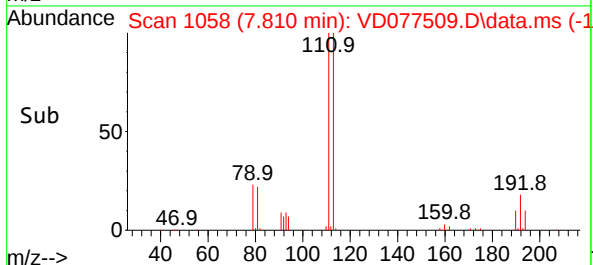
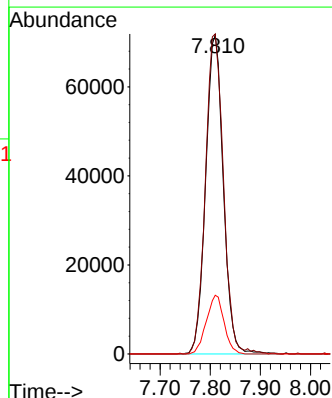
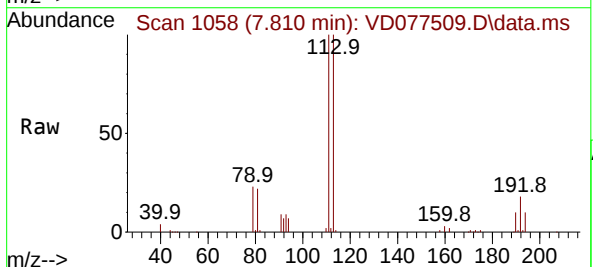
Tgt Ion:113 Resp: 174651

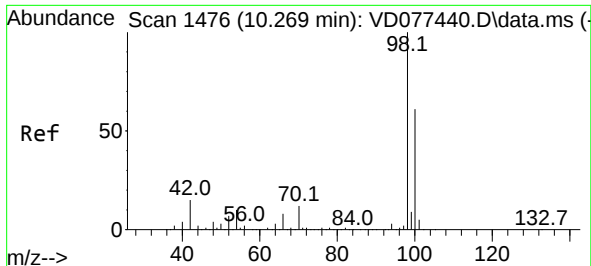
Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 18.5 16.8 25.2

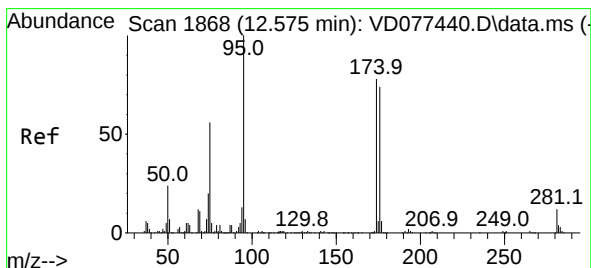
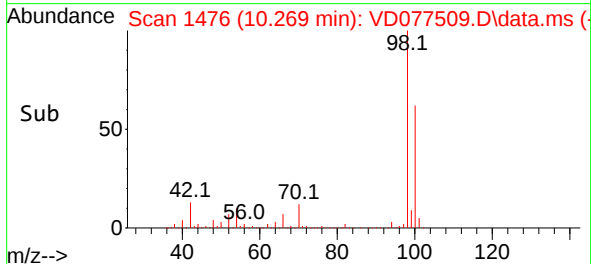
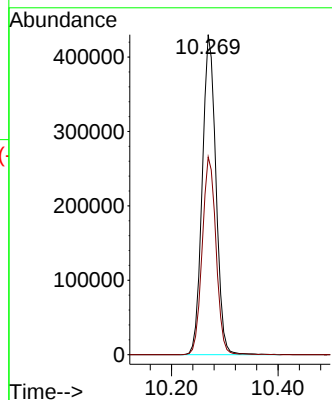
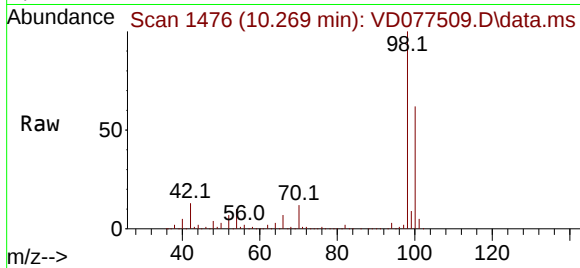




#50
Toluene-d8
Concen: 48.862 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077509.D
Acq: 06 Nov 2023 15:10

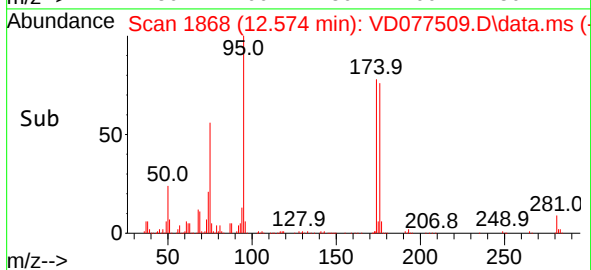
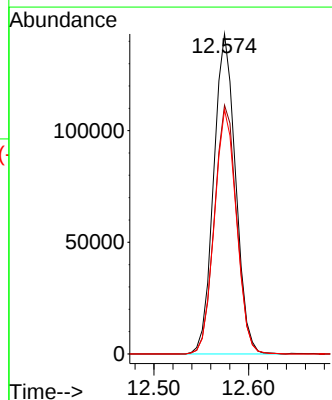
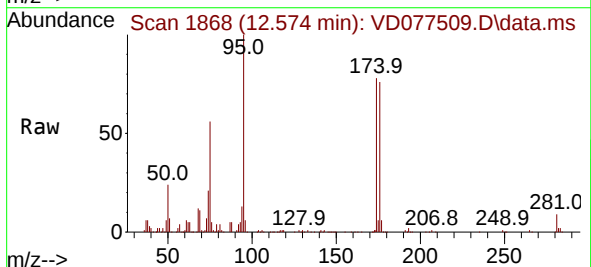
Instrument :
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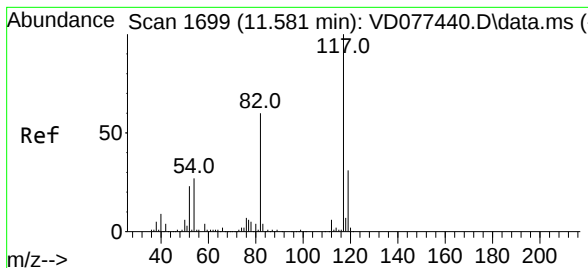
Tgt Ion: 98 Resp: 765001
Ion Ratio Lower Upper
98 100
100 62.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.665 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077509.D
Acq: 06 Nov 2023 15:10

Tgt Ion: 95 Resp: 230256
Ion Ratio Lower Upper
95 100
174 79.1 0.0 201.8
176 77.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.586 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077509.D

Acq: 06 Nov 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

WC-11-VOC

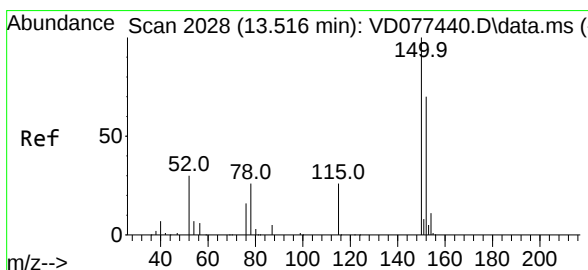
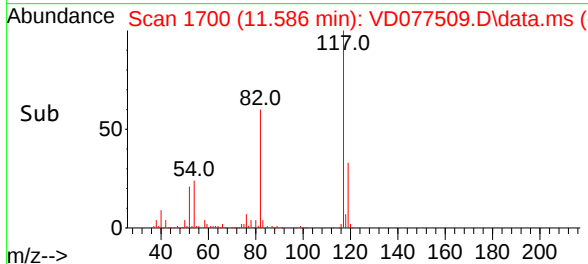
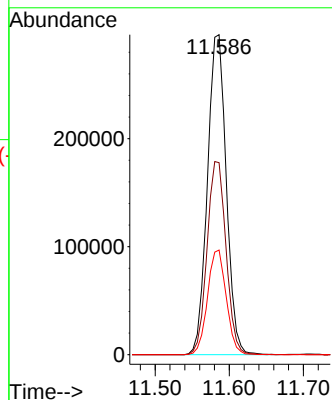
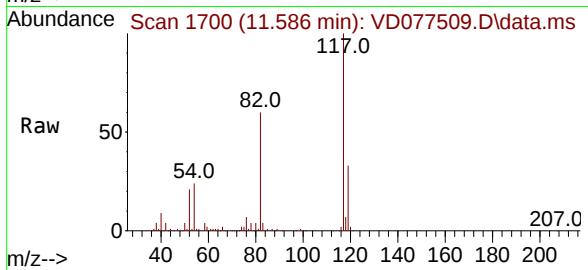
Tgt Ion:117 Resp: 523756

Ion Ratio Lower Upper

117 100

82 60.0 38.3 57.5#

119 32.7 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.521 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD077509.D

Acq: 06 Nov 2023 15:10

Tgt Ion:152 Resp: 234672

Ion Ratio Lower Upper

152 100

115 59.7 27.1 81.3

150 156.2 0.0 353.6

