

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077510.D
 Acq On : 06 Nov 2023 15:37
 Operator : JC/SY
 Sample : 05256-11
 Misc : 6.07G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-10-VOC

Quant Time: Nov 07 02:10:26 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	226504	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	453146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	434038	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	203340	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	174400	54.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.900%
35) Dibromofluoromethane	7.805	113	147071	46.958	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.920%
50) Toluene-d8	10.269	98	596505	49.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.575	95	196947	48.067	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.140%

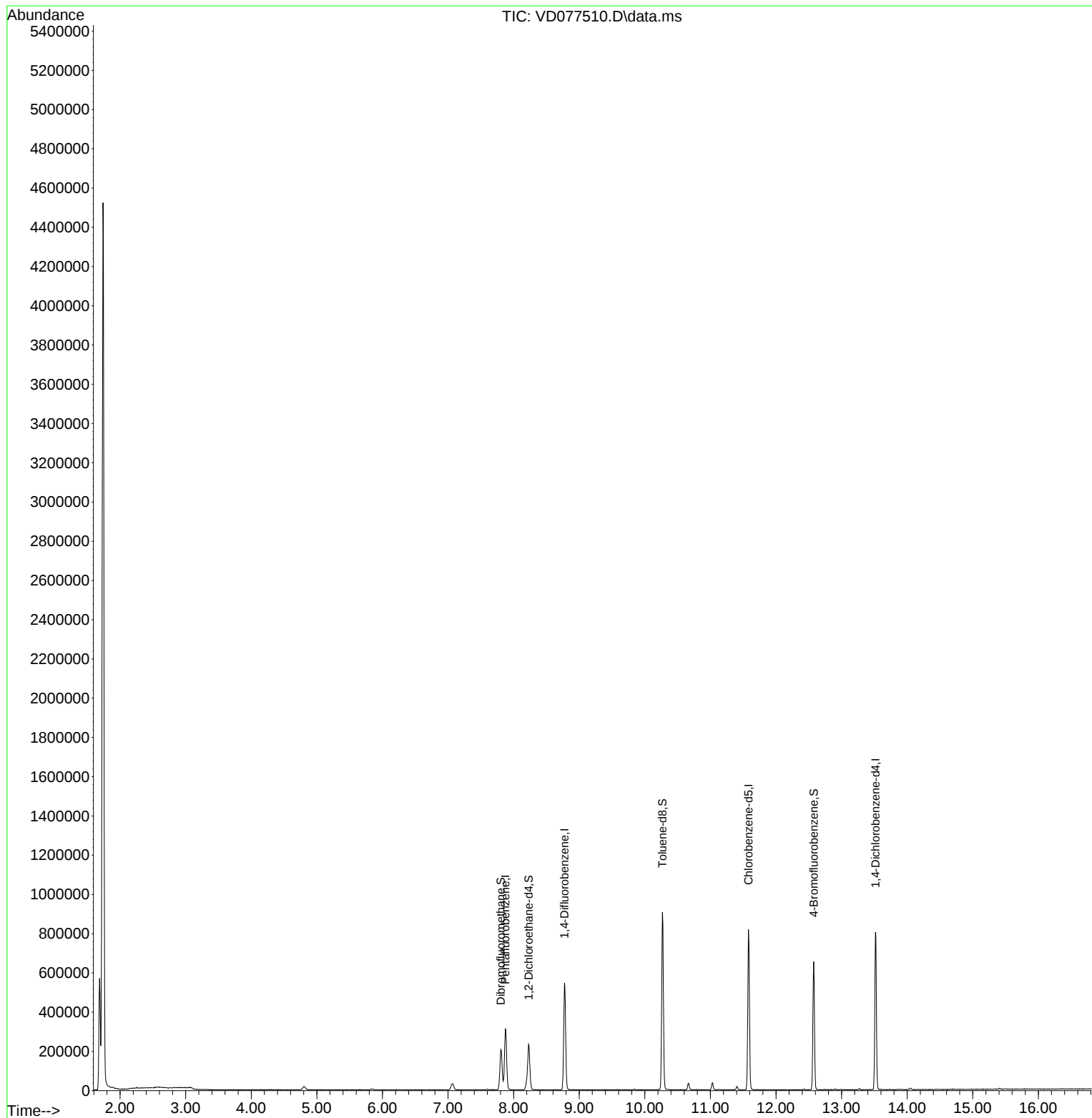
Target Compounds	Qvalue

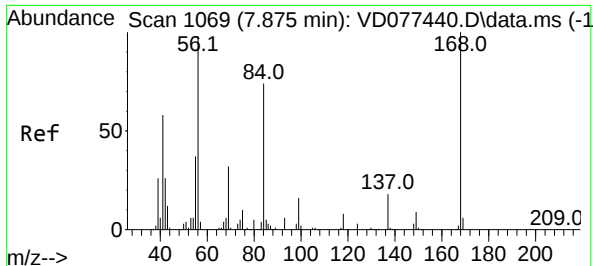
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
Data File : VD077510.D
Acq On : 06 Nov 2023 15:37
Operator : JC/SY
Sample : 05256-11
Misc : 6.07G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-10-VOC

Quant Time: Nov 07 02:10:26 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

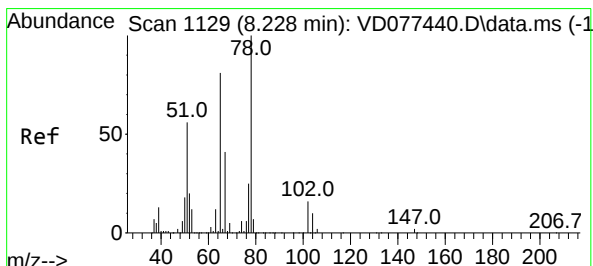
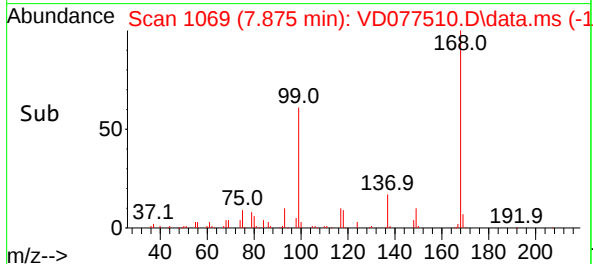
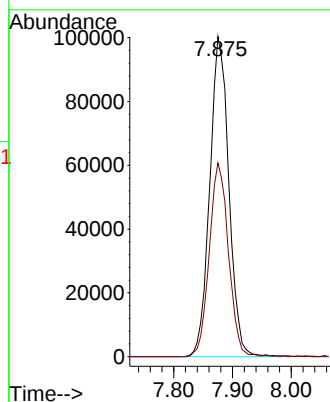
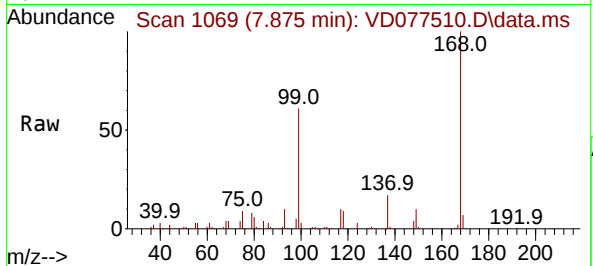




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

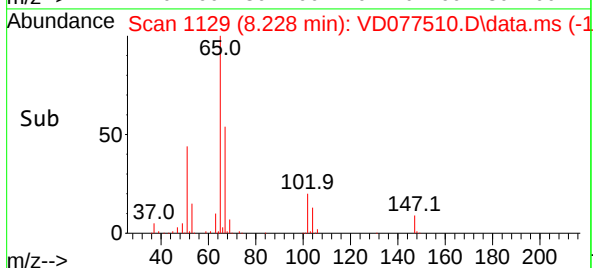
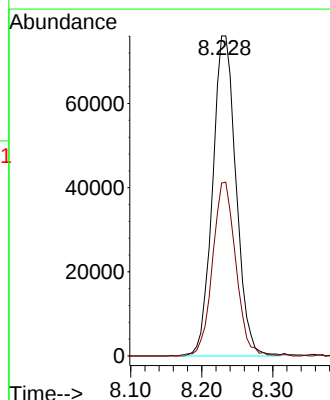
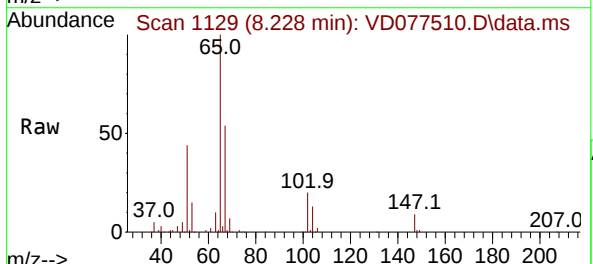
Instrument :
MSVOA_D
ClientSampleId :
WC-10-VOC

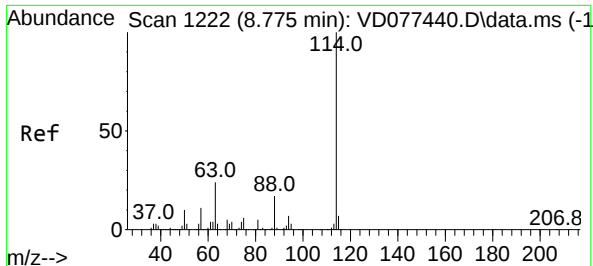
Tgt Ion:168 Resp: 226504
Ion Ratio Lower Upper
168 100
99 60.6 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 54.451 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

Tgt Ion: 65 Resp: 174400
Ion Ratio Lower Upper
65 100
67 53.8 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: VD077510.D

Acq: 06 Nov 2023 15:37

Instrument :

MSVOA_D

ClientSampleId :

WC-10-VOC

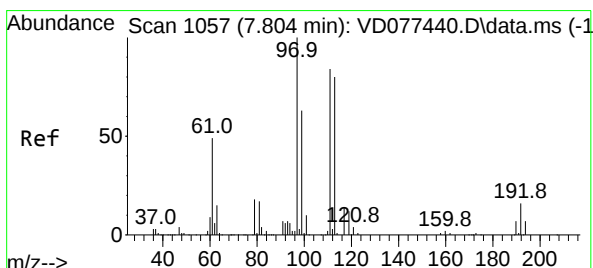
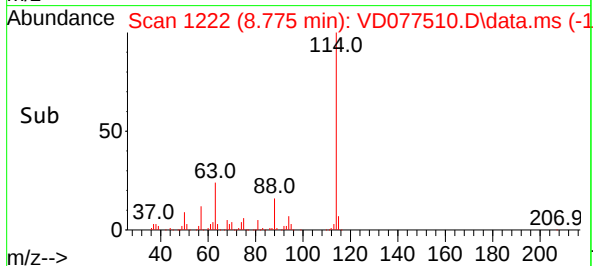
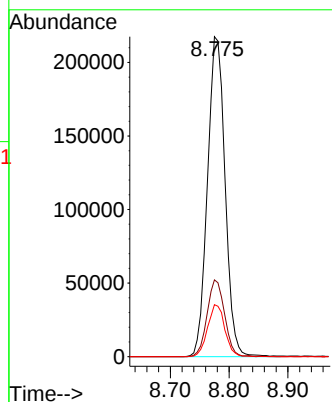
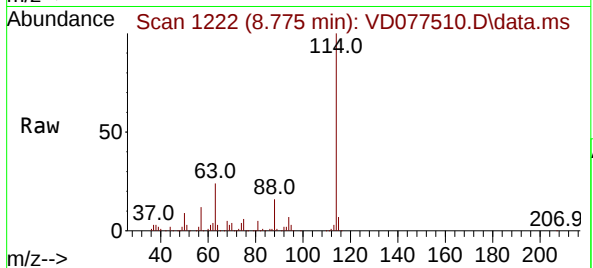
Tgt Ion:114 Resp: 453146

Ion Ratio Lower Upper

114 100

63 24.0 0.0 33.4

88 16.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.958 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077510.D

Acq: 06 Nov 2023 15:37

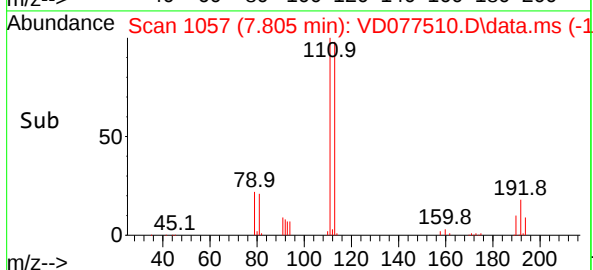
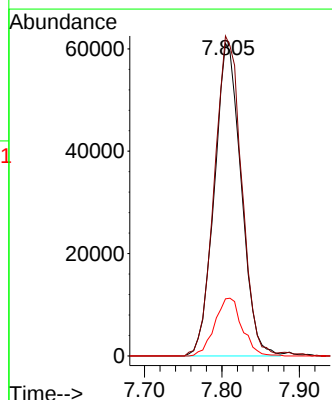
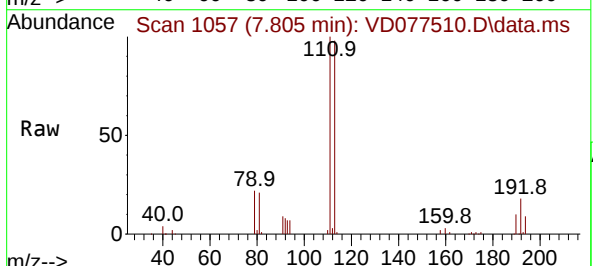
Tgt Ion:113 Resp: 147071

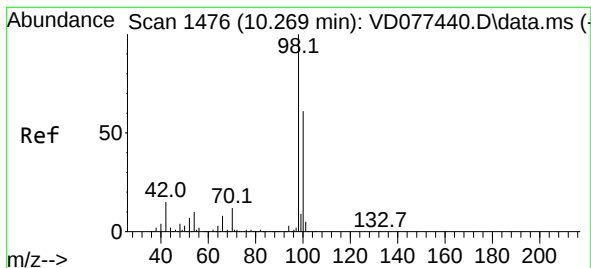
Ion Ratio Lower Upper

113 100

111 103.8 84.7 127.1

192 18.9 16.8 25.2





#50

Toluene-d8

Concen: 49.033 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077510.D

Acq: 06 Nov 2023 15:37

Instrument :

MSVOA_D

ClientSampleId :

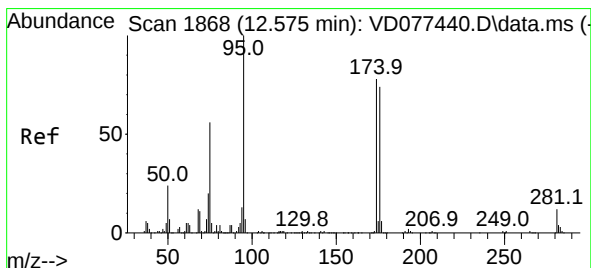
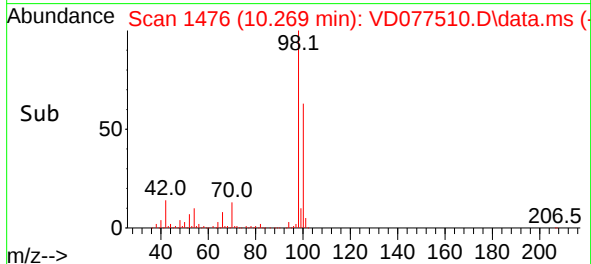
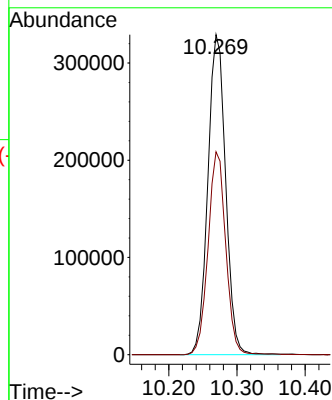
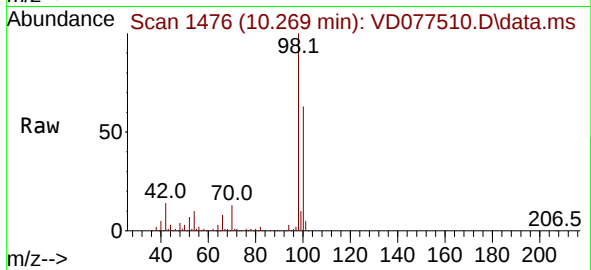
WC-10-VOC

Tgt Ion: 98 Resp: 596505

Ion Ratio Lower Upper

98 100

100 63.1 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 48.067 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD077510.D

Acq: 06 Nov 2023 15:37

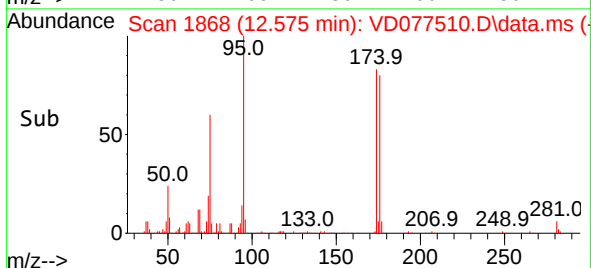
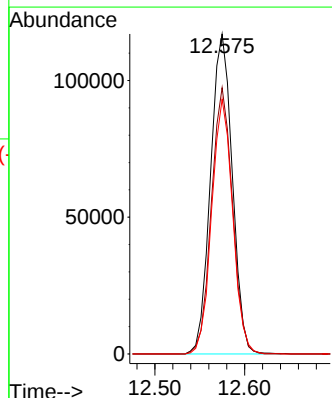
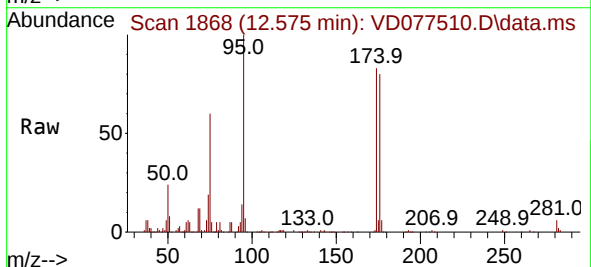
Tgt Ion: 95 Resp: 196947

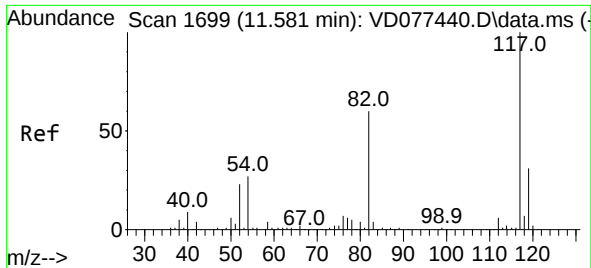
Ion Ratio Lower Upper

95 100

174 81.2 0.0 201.8

176 76.7 0.0 191.8

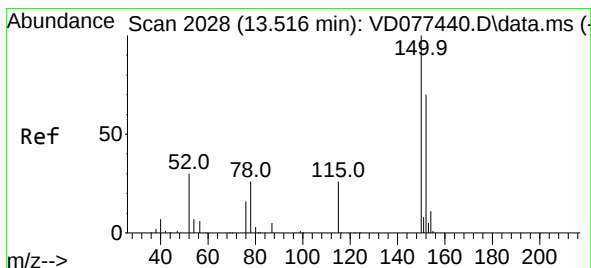
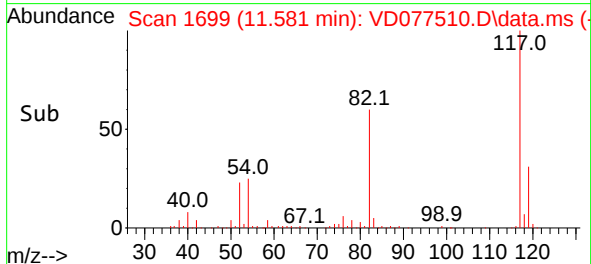
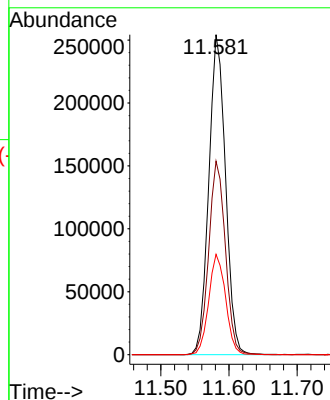
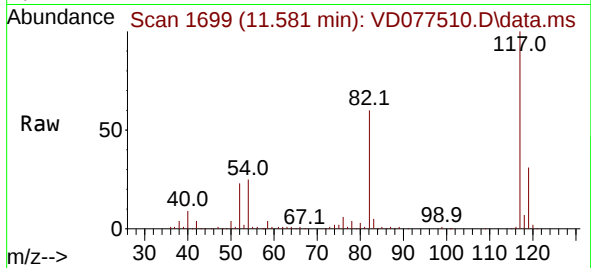




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :
WC-10-VOC

Tgt Ion:117 Resp: 434038
Ion Ratio Lower Upper
117 100
82 60.5 38.3 57.5#
119 31.4 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: VD077510.D
Acq: 06 Nov 2023 15:37

Tgt Ion:152 Resp: 203340
Ion Ratio Lower Upper
152 100
115 60.4 27.1 81.3
150 157.5 0.0 353.6

