

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078639.D
 Acq On : 12 Mar 2024 16:16
 Operator : RP/MD
 Sample : P1733-11
 Misc : 5.45G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3-VOC

Quant Time: Mar 13 03:05:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	71324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	164318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	217376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105792	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	36012	50.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.860%
35) Dibromofluoromethane	7.804	113	55271	51.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.420%
50) Toluene-d8	10.269	98	220698	53.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.280%
62) 4-Bromofluorobenzene	12.575	95	84954	71.613	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	143.220%#

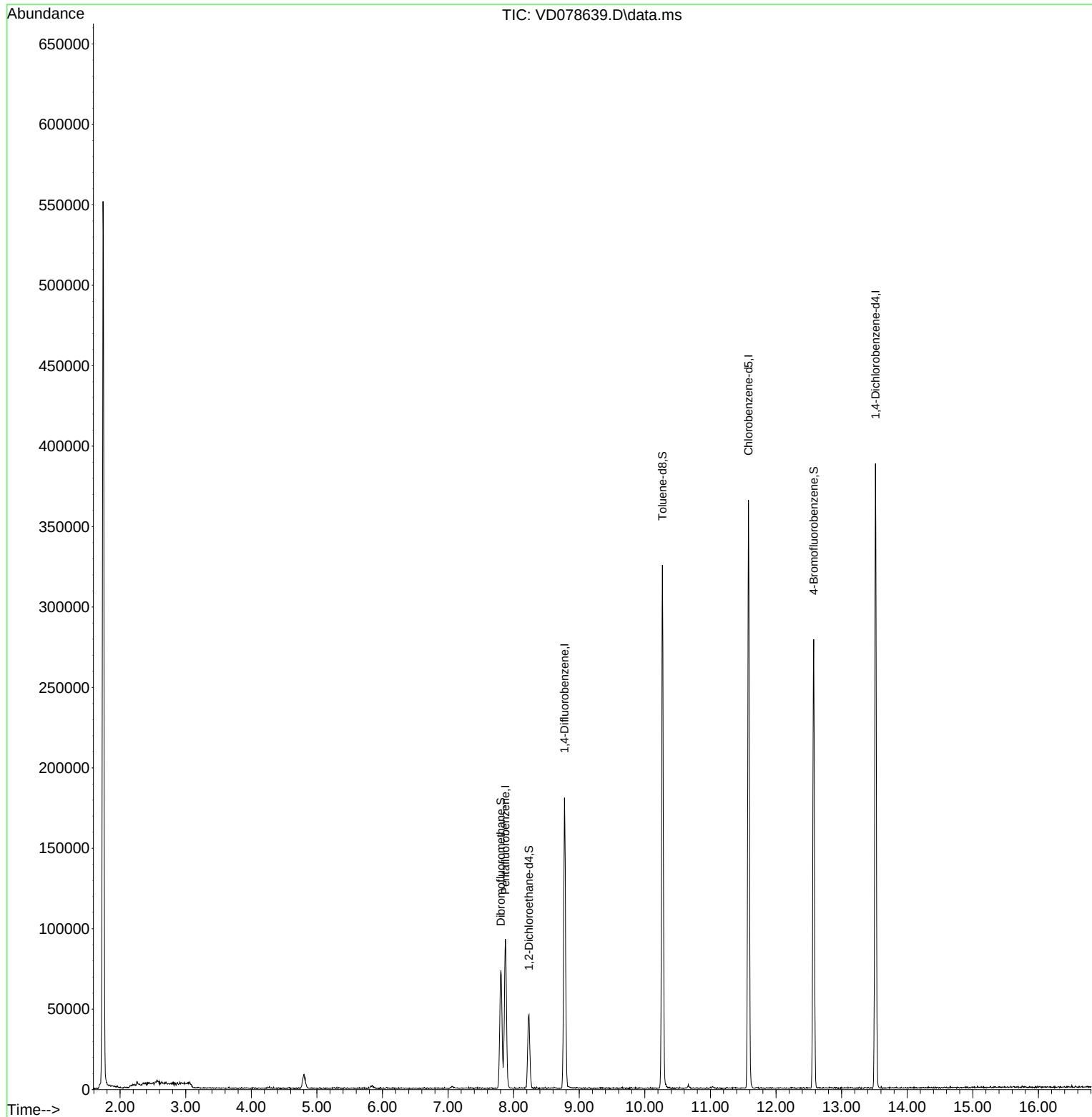
Target Compounds	Qvalue

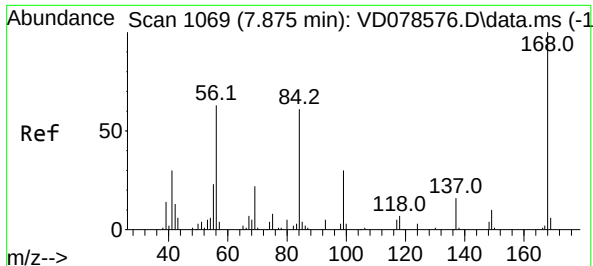
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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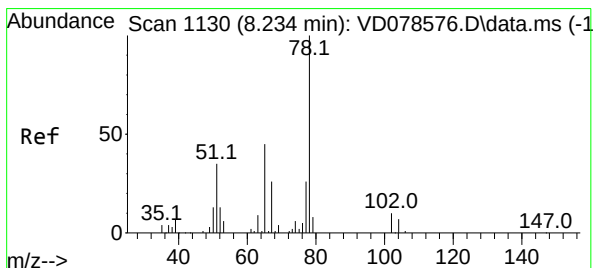
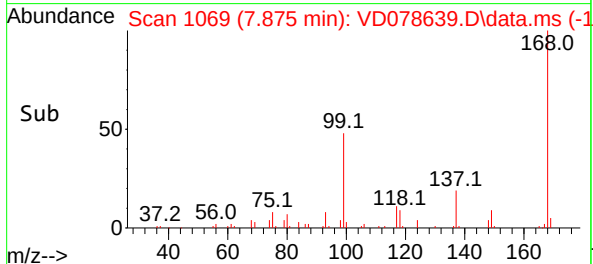
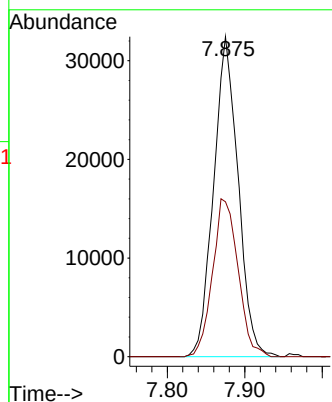
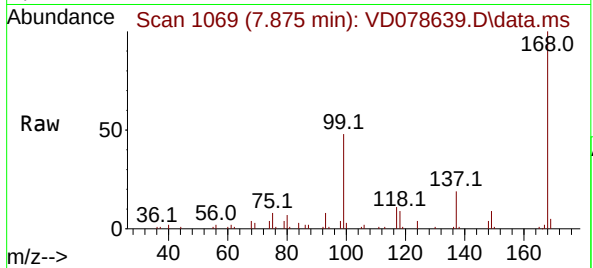




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078639.D
Acq: 12 Mar 2024 16:16

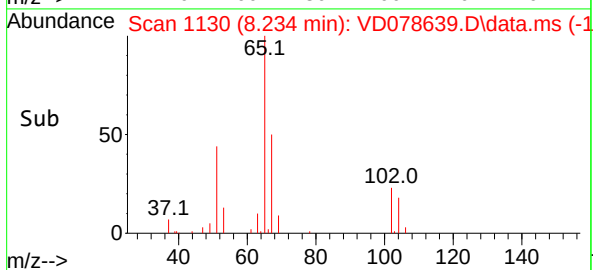
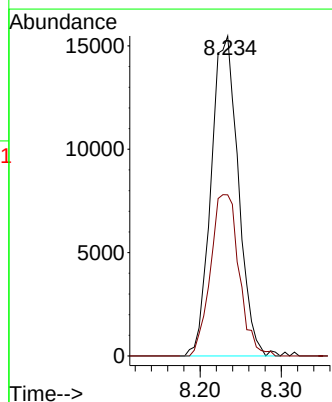
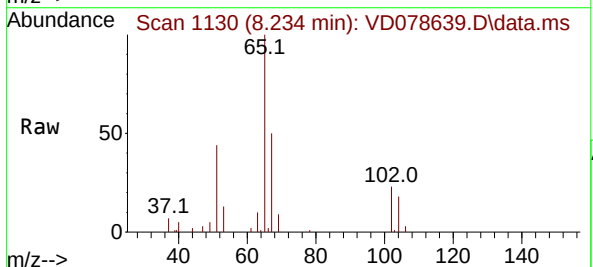
Instrument :
MSVOA_D
ClientSampleId :
WC-3-VOC

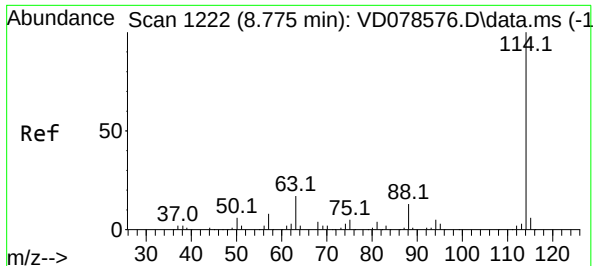
Tgt Ion:168 Resp: 71324
Ion Ratio Lower Upper
168 100
99 48.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 50.934 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078639.D
Acq: 12 Mar 2024 16:16

Tgt Ion: 65 Resp: 36012
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: VD078639.D

Acq: 12 Mar 2024 16:16

Instrument :

MSVOA_D

ClientSampleId :

WC-3-VOC

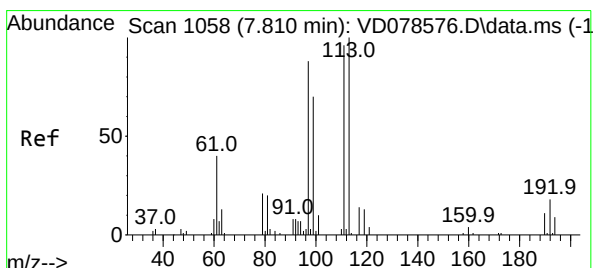
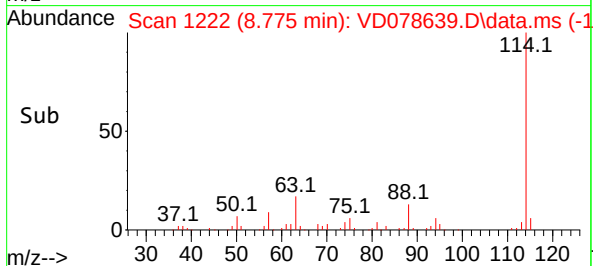
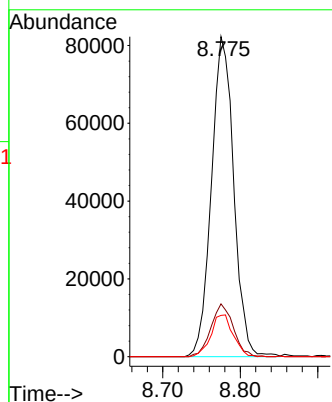
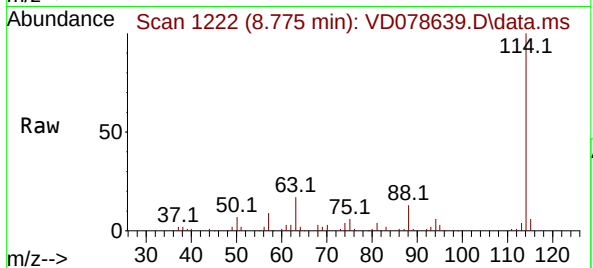
Tgt Ion:114 Resp: 164318

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 12.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.709 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078639.D

Acq: 12 Mar 2024 16:16

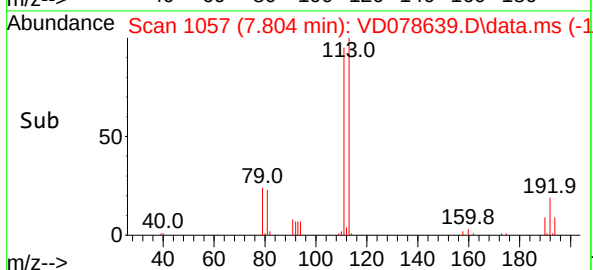
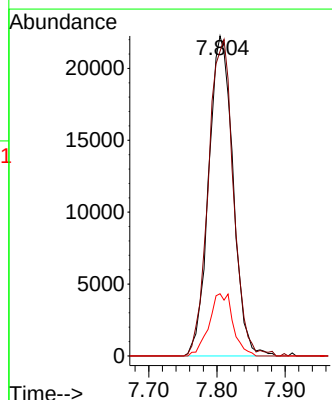
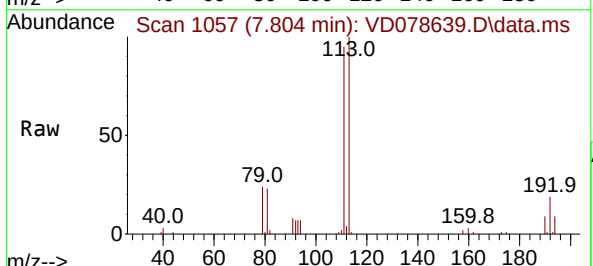
Tgt Ion:113 Resp: 55271

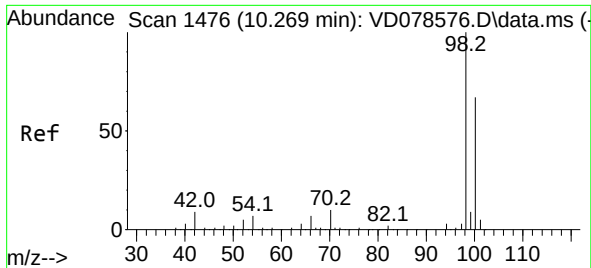
Ion Ratio Lower Upper

113 100

111 101.6 84.7 127.1

192 19.2 16.8 25.2

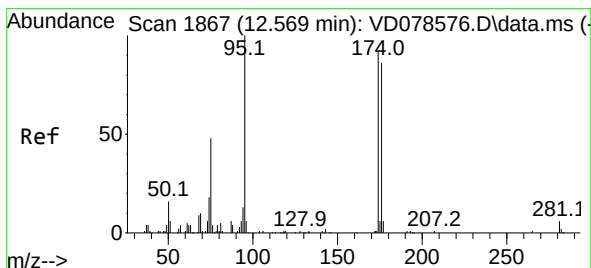
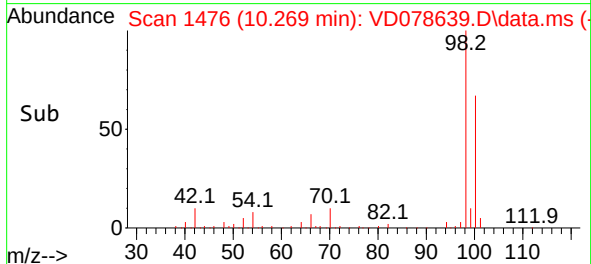
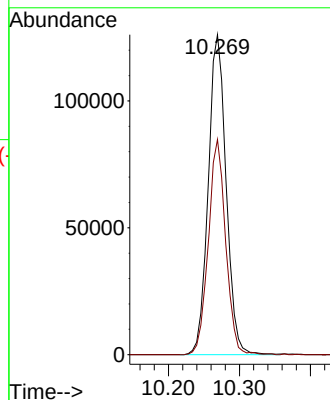
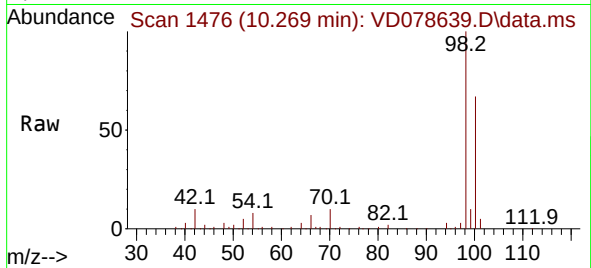




#50
Toluene-d8
Concen: 53.136 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078639.D
Acq: 12 Mar 2024 16:16

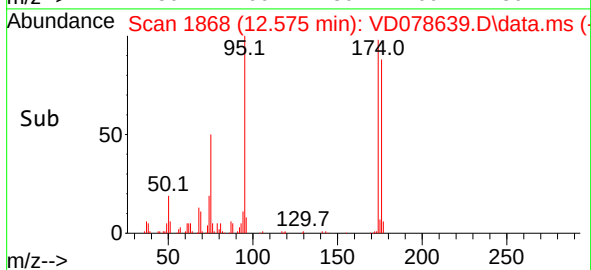
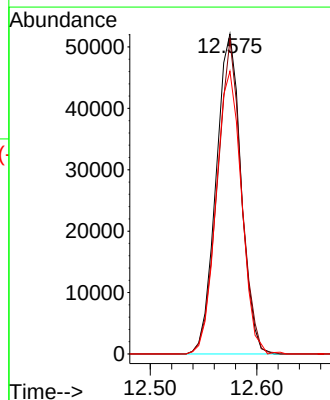
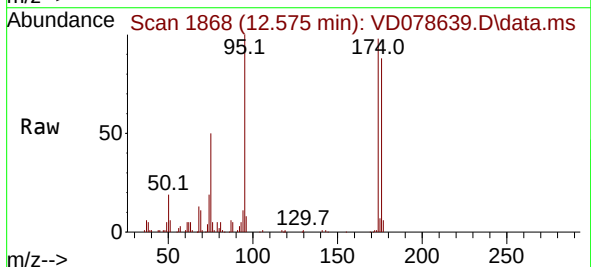
Instrument :
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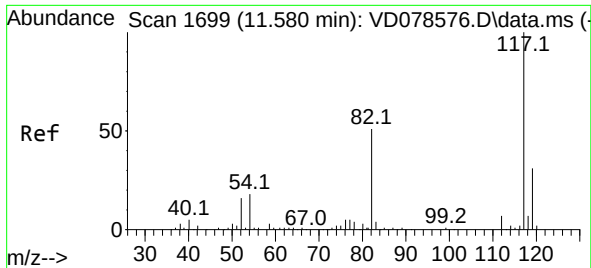
Tgt Ion: 98 Resp: 220698
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 71.613 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078639.D
Acq: 12 Mar 2024 16:16

Tgt Ion: 95 Resp: 84954
Ion Ratio Lower Upper
95 100
174 94.5 0.0 201.8
176 89.6 0.0 191.8

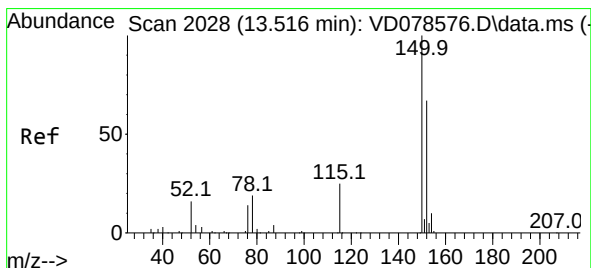
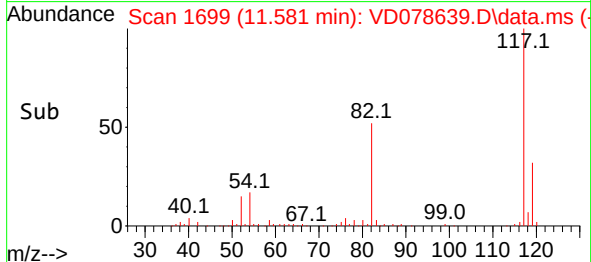
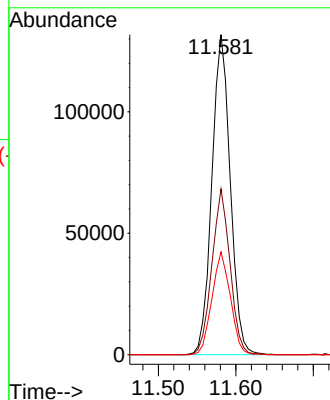
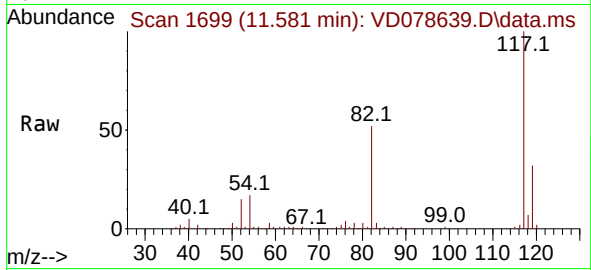




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078639.D
Acq: 12 Mar 2024 16:16

Instrument :
MSVOA_D
ClientSampleId :
WC-3-VOC

Tgt Ion:117 Resp: 217376
Ion Ratio Lower Upper
117 100
82 51.8 38.3 57.5
119 32.1 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: VD078639.D
Acq: 12 Mar 2024 16:16

Tgt Ion:152 Resp: 105792
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.3
150 156.1 0.0 353.6

