

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078444.D
 Acq On : 15 Feb 2024 19:05
 Operator : RP/MD
 Sample : P1505-11
 Misc : 4.57G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2S-VOC

Quant Time: Feb 16 02:39:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	155638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	296847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	337451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65954	39.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.380%
35) Dibromofluoromethane	7.810	113	88761	47.072	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.140%
50) Toluene-d8	10.269	98	375735	49.813	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.575	95	137659	62.713	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	125.420%

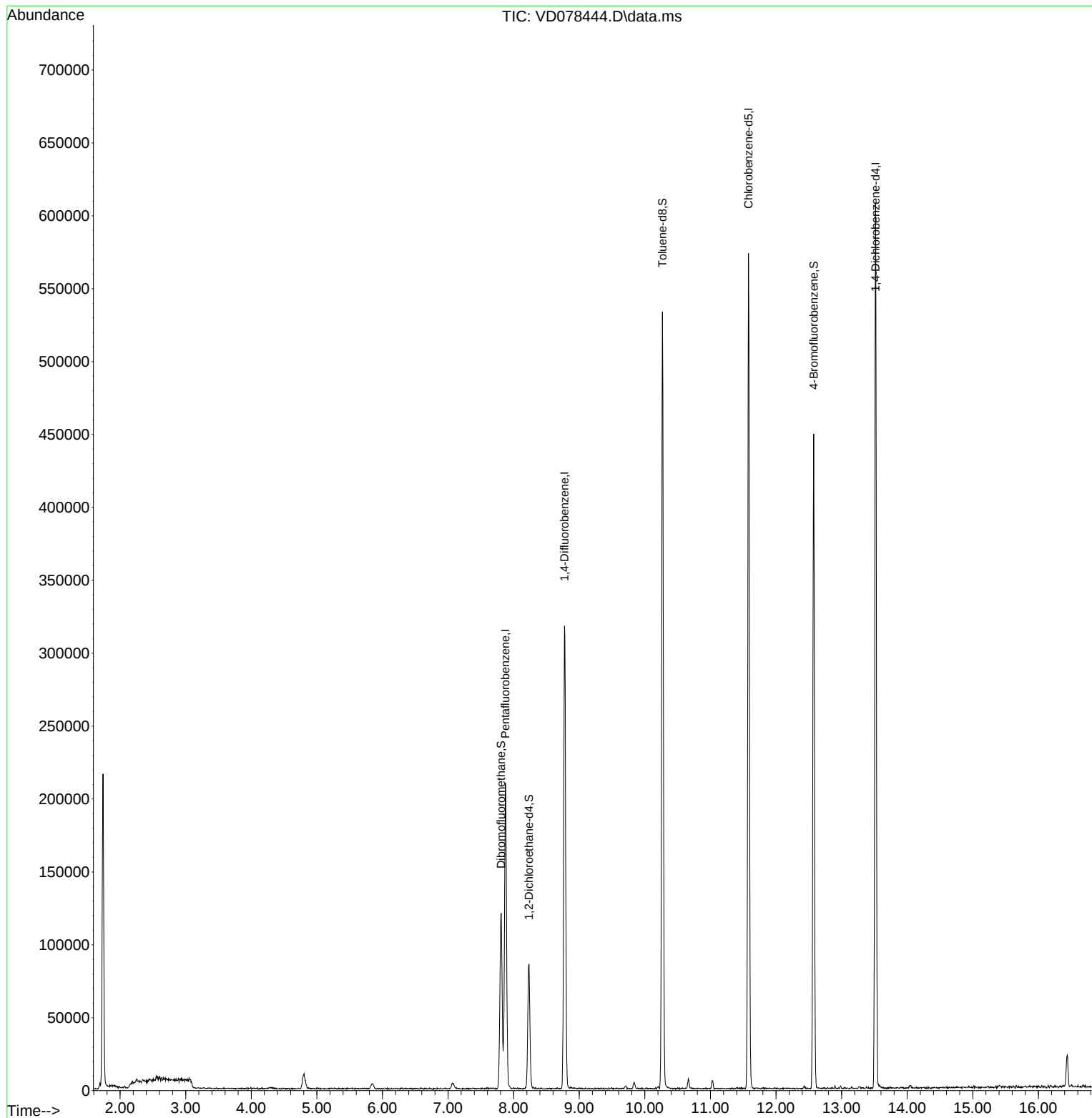
Target Compounds	Qvalue

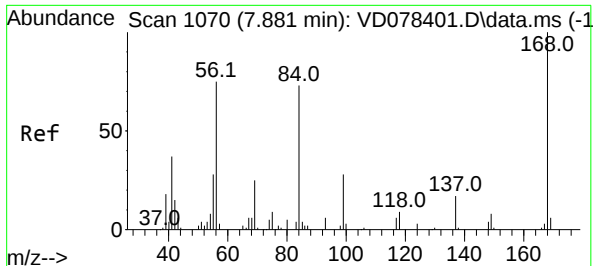
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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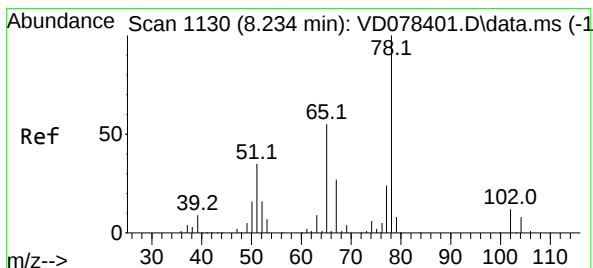
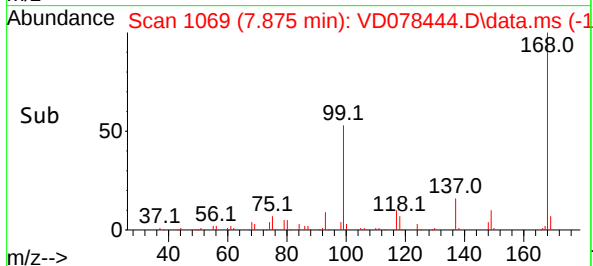
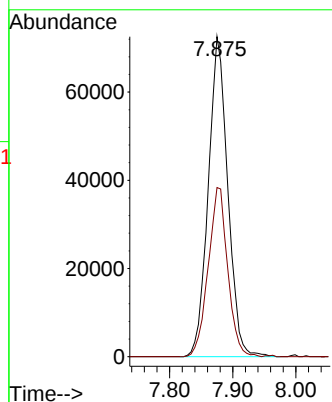
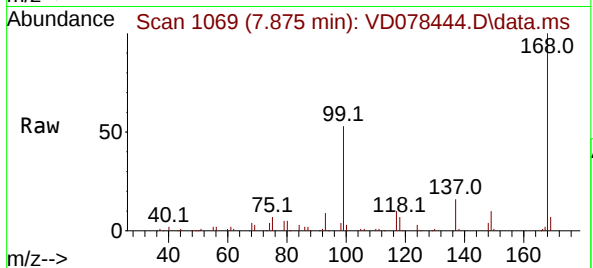




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

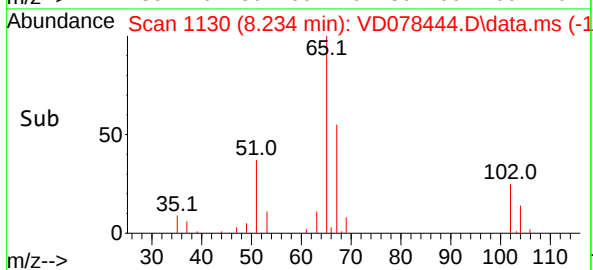
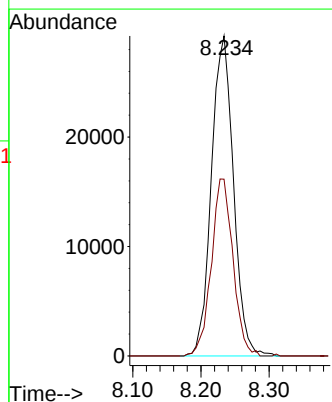
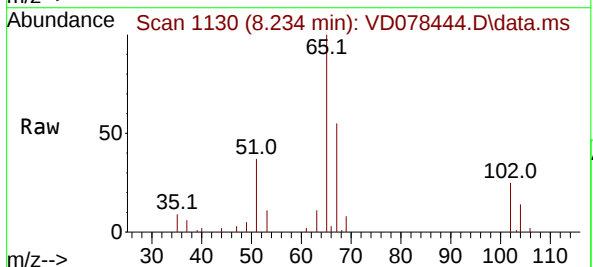
Instrument :
MSVOA_D
ClientSampleId :
WC-2S-VOC

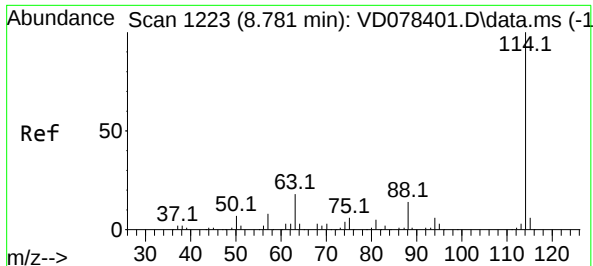
Tgt Ion:168 Resp: 155638
Ion Ratio Lower Upper
168 100
99 52.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 39.192 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

Tgt Ion: 65 Resp: 65954
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078444.D

Acq: 15 Feb 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :

WC-2S-VOC

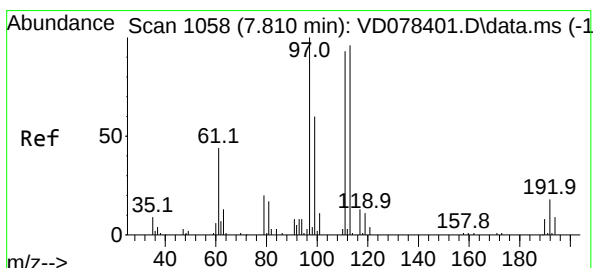
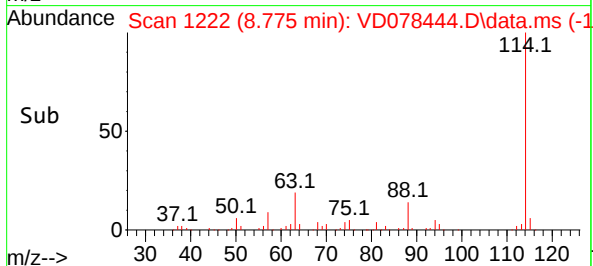
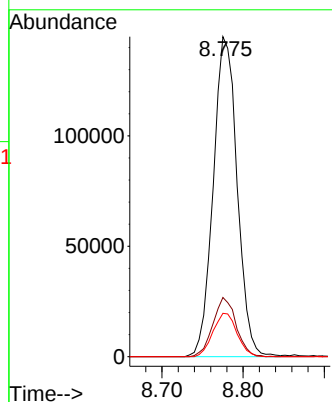
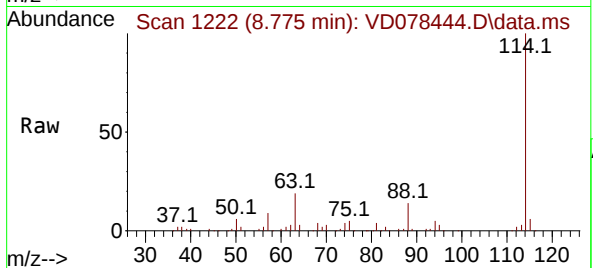
Tgt Ion:114 Resp: 296847

Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.072 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078444.D

Acq: 15 Feb 2024 19:05

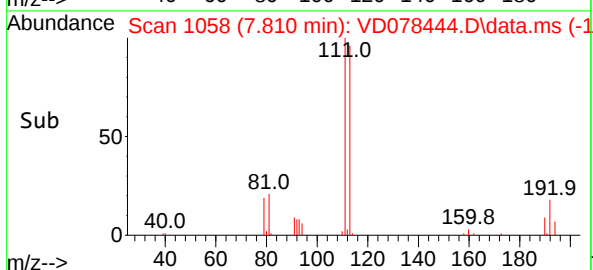
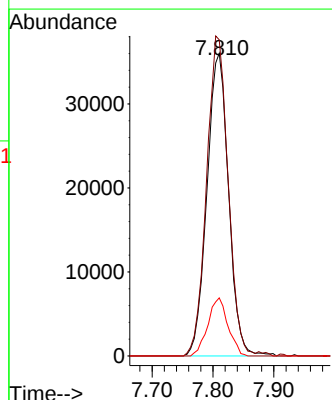
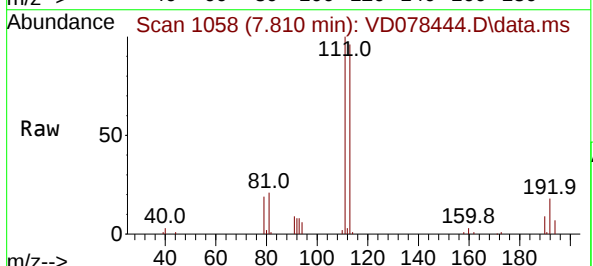
Tgt Ion:113 Resp: 88761

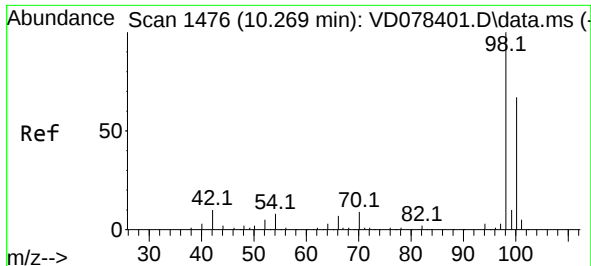
Ion Ratio Lower Upper

113 100

111 105.0 84.7 127.1

192 17.9 16.8 25.2

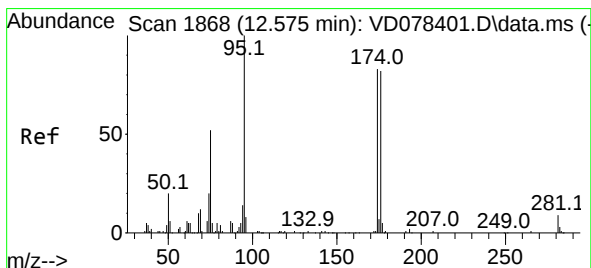
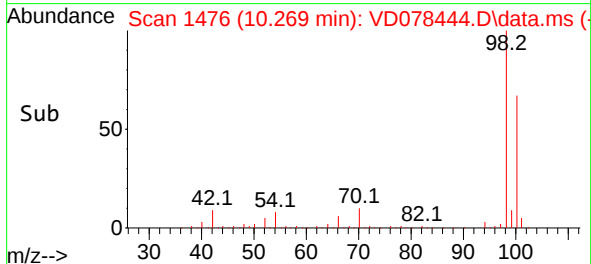
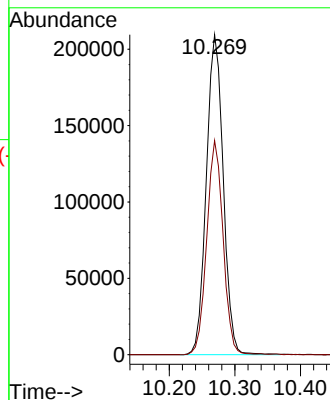
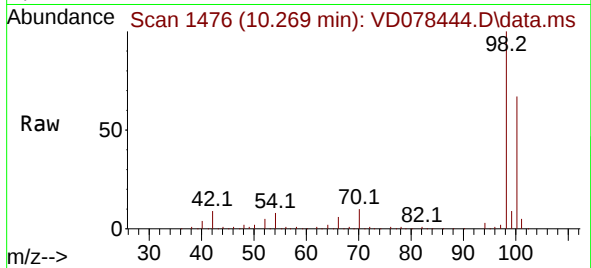




#50
Toluene-d8
Concen: 49.813 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

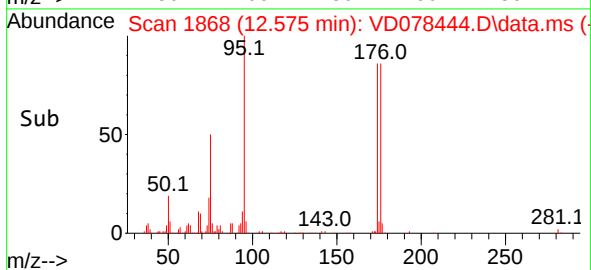
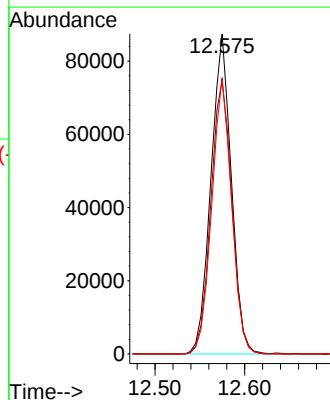
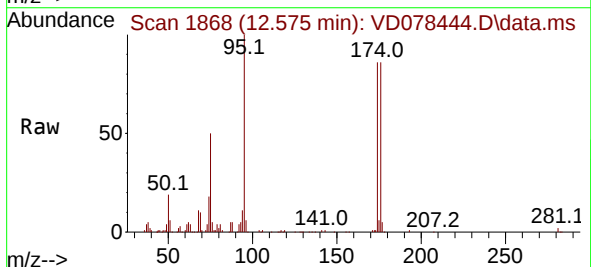
Instrument :
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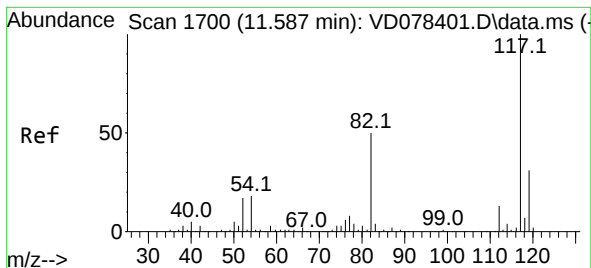
Tgt Ion: 98 Resp: 375735
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 62.713 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

Tgt Ion: 95 Resp: 137659
Ion Ratio Lower Upper
95 100
174 88.5 0.0 201.8
176 83.9 0.0 191.8

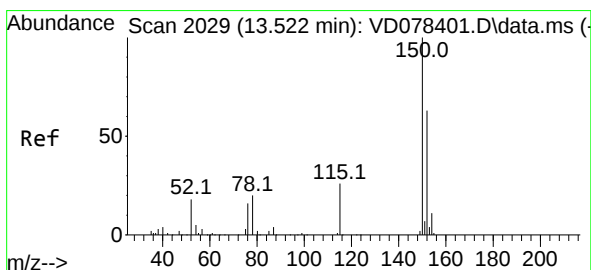
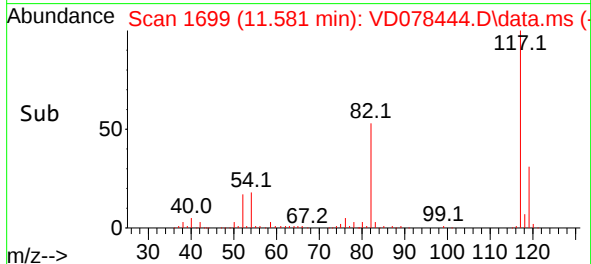
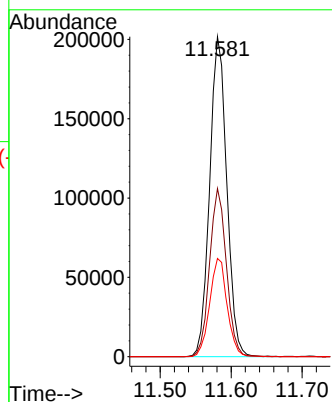
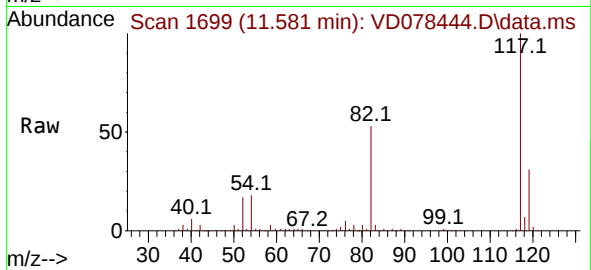




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

Instrument :
MSVOA_D
ClientSampleId :
WC-2S-VOC

Tgt Ion:117 Resp: 337451
Ion Ratio Lower Upper
117 100
82 52.6 38.3 57.5
119 30.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

Tgt Ion:152 Resp: 166111
Ion Ratio Lower Upper
152 100
115 56.5 27.1 81.3
150 158.8 0.0 353.6

