

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078934.D
 Acq On : 15 May 2024 17:11
 Operator : RP/MD
 Sample : P2486-03
 Misc : 6.08G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WCS-TPK-VOC

Quant Time: May 16 01:26:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	96899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	237493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61553	67.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.440%
35) Dibromofluoromethane	7.810	113	82264	52.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.080%
50) Toluene-d8	10.269	98	307735	51.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.575	95	79167	47.550	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.100%

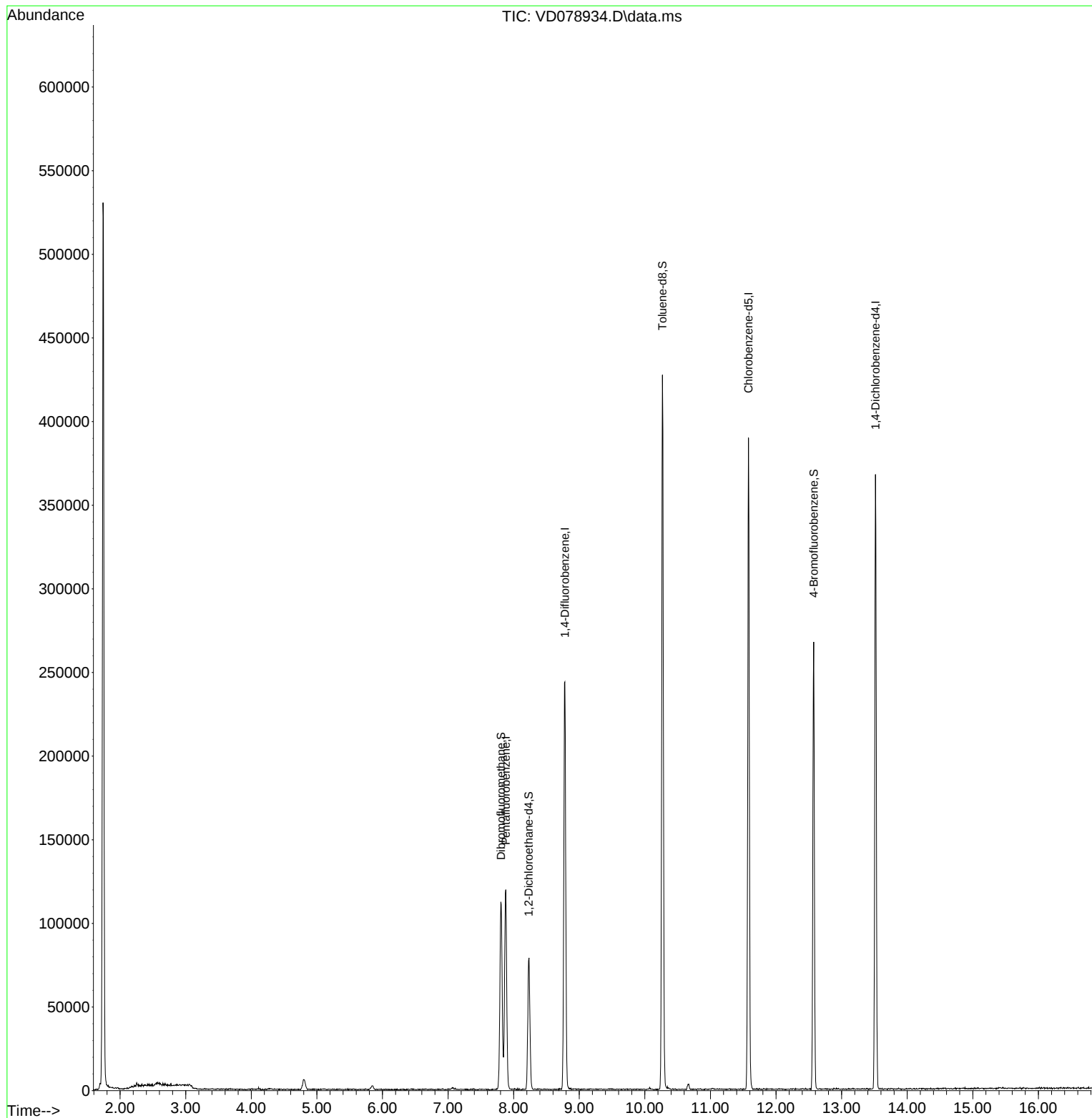
Target Compounds	Qvalue

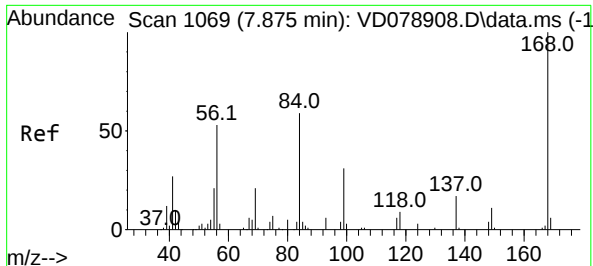
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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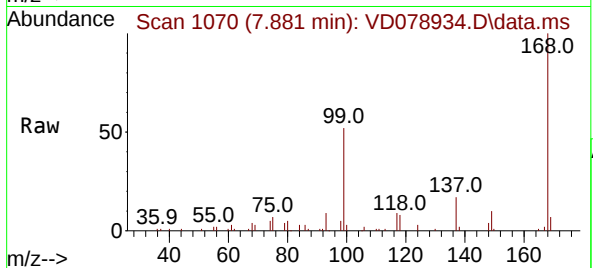
Quant Time: May 16 01:26:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
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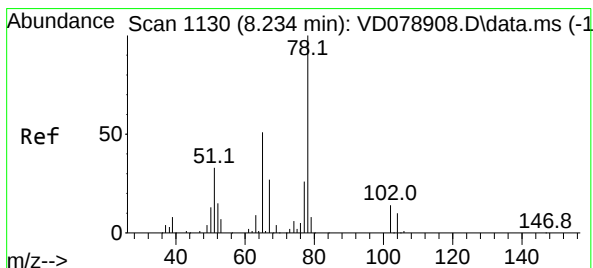
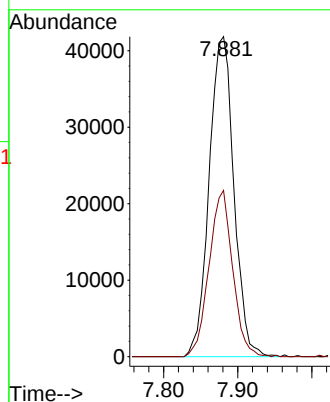
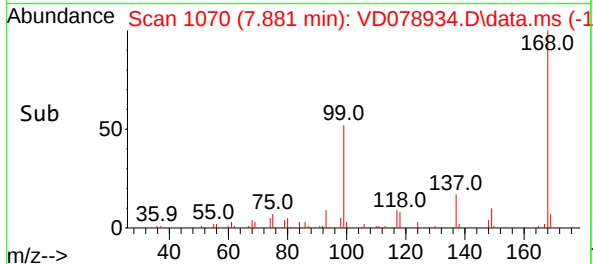


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK-VOC

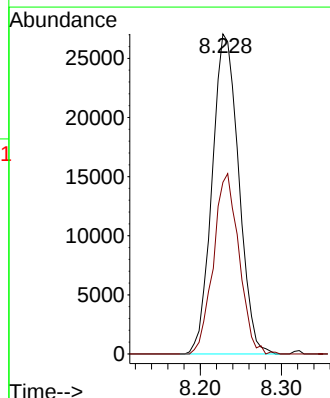
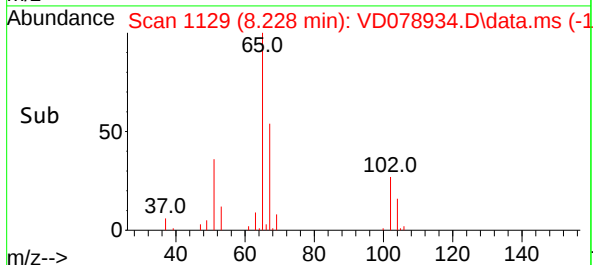
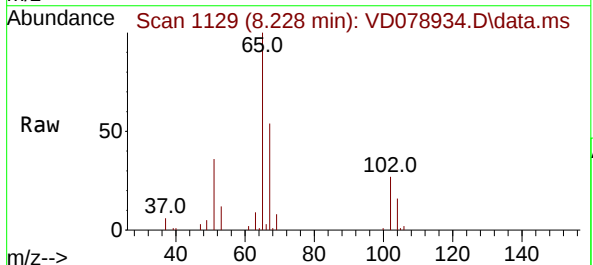


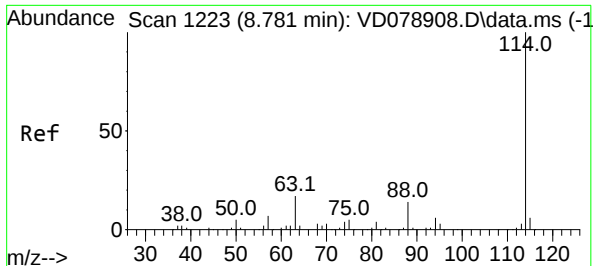
Tgt Ion:168 Resp: 96899
Ion Ratio Lower Upper
168 100
99 52.0 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 67.722 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Tgt Ion: 65 Resp: 61553
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078934.D

Acq: 15 May 2024 17:11

Instrument :

MSVOA_D

ClientSampleId :

WCS-TPK-VOC

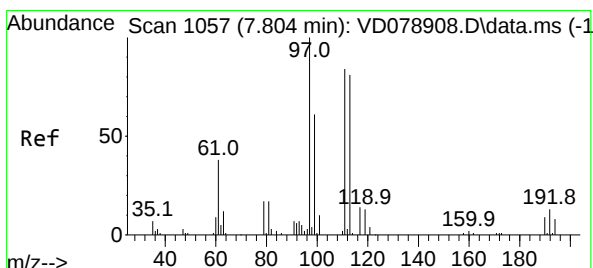
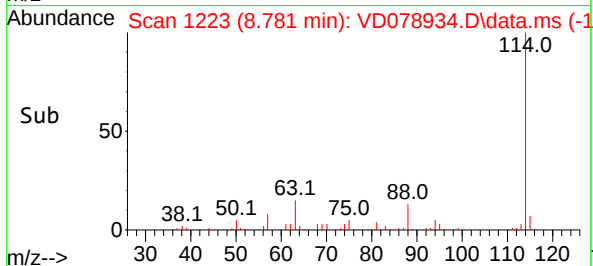
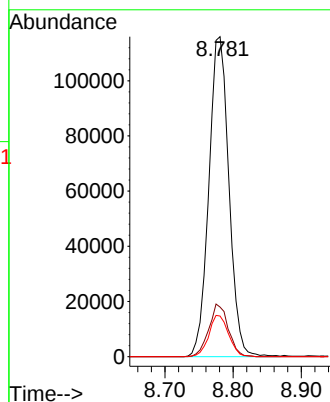
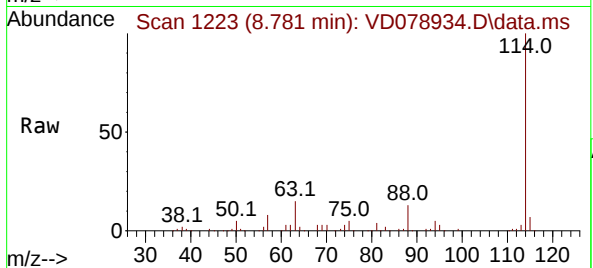
Tgt Ion:114 Resp: 237493

Ion Ratio Lower Upper

114 100

63 15.5 0.0 34.0

88 12.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.036 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078934.D

Acq: 15 May 2024 17:11

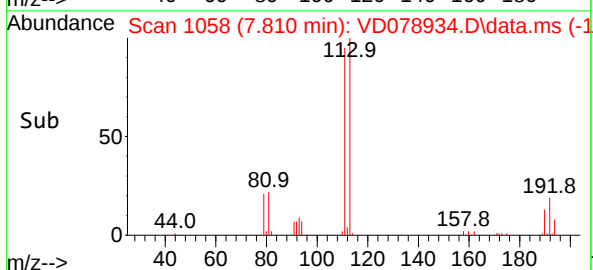
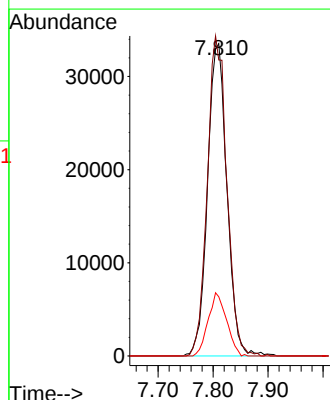
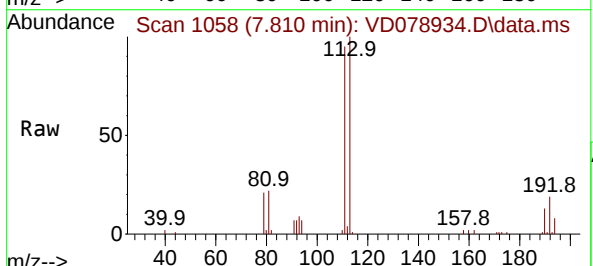
Tgt Ion:113 Resp: 82264

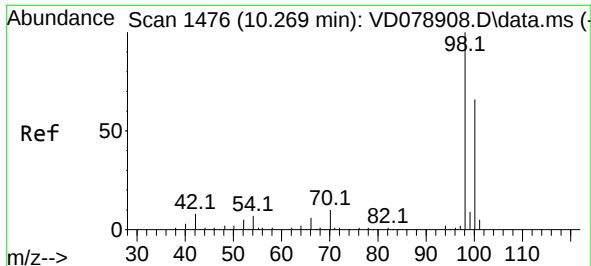
Ion Ratio Lower Upper

113 100

111 103.1 84.0 126.0

192 19.2 15.4 23.0

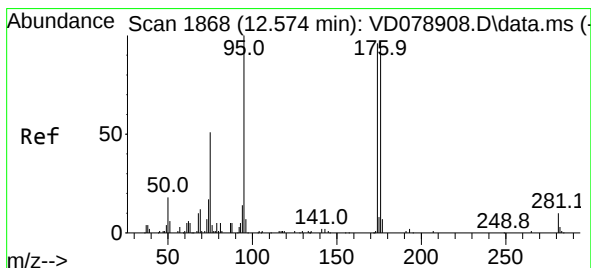
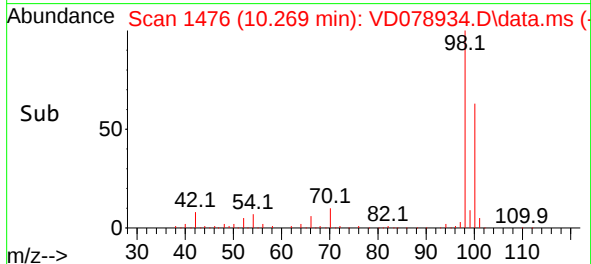
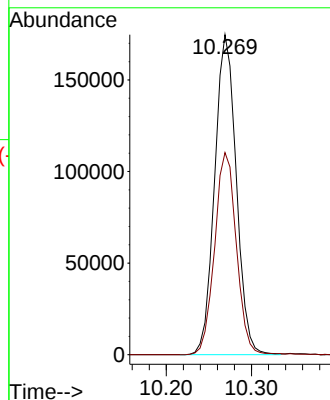
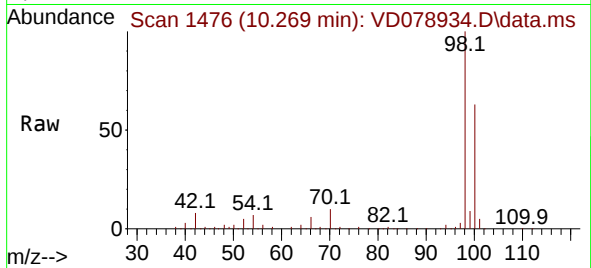




#50
Toluene-d8
Concen: 51.924 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

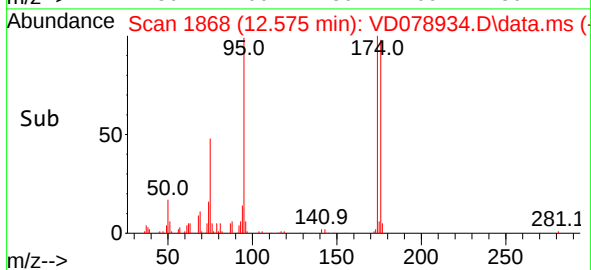
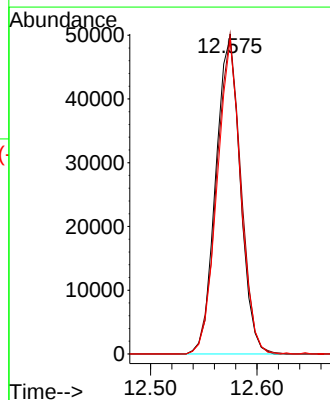
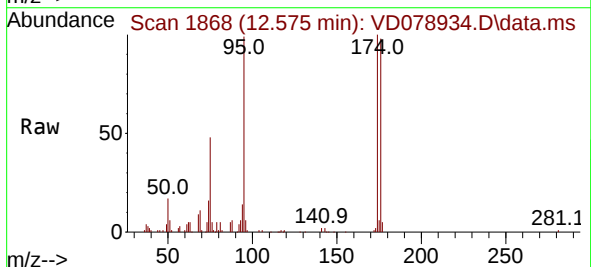
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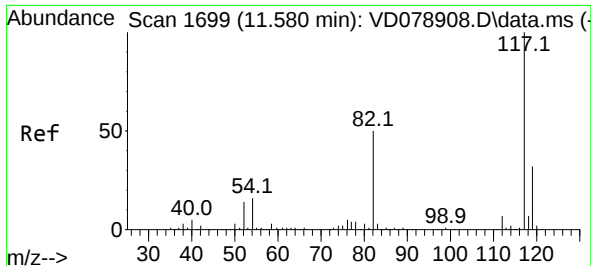
Tgt Ion: 98 Resp: 307735
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.550 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Tgt Ion: 95 Resp: 79167
Ion Ratio Lower Upper
95 100
174 99.8 0.0 195.4
176 95.3 0.0 192.6

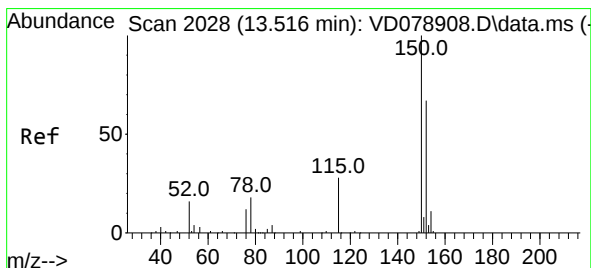
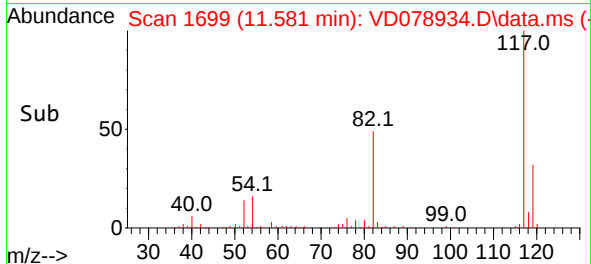
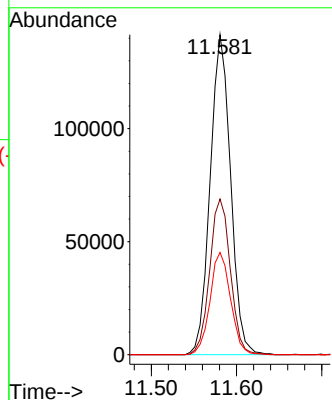
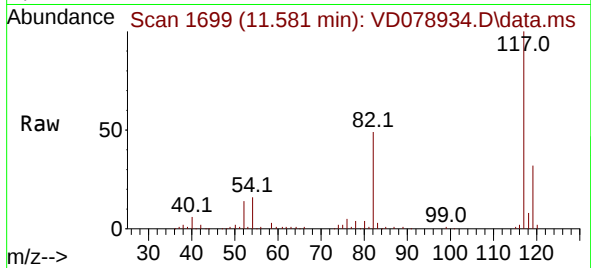




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK-VOC

Tgt Ion:117 Resp: 235814
Ion Ratio Lower Upper
117 100
82 48.6 39.8 59.6
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Tgt Ion:152 Resp: 104950
Ion Ratio Lower Upper
152 100
115 54.1 26.5 79.5
150 156.1 0.0 341.6

