

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078930.D
 Acq On : 15 May 2024 15:24
 Operator : RP/MD
 Sample : P2487-03
 Misc : 3.80G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-A-GRAB

Quant Time: May 16 01:25:26 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	98951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	235623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	231019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56272	60.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.260%
35) Dibromofluoromethane	7.805	113	80720	51.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.920%
50) Toluene-d8	10.269	98	309127	52.573	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.140%
62) 4-Bromofluorobenzene	12.575	95	74618	45.173	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.340%

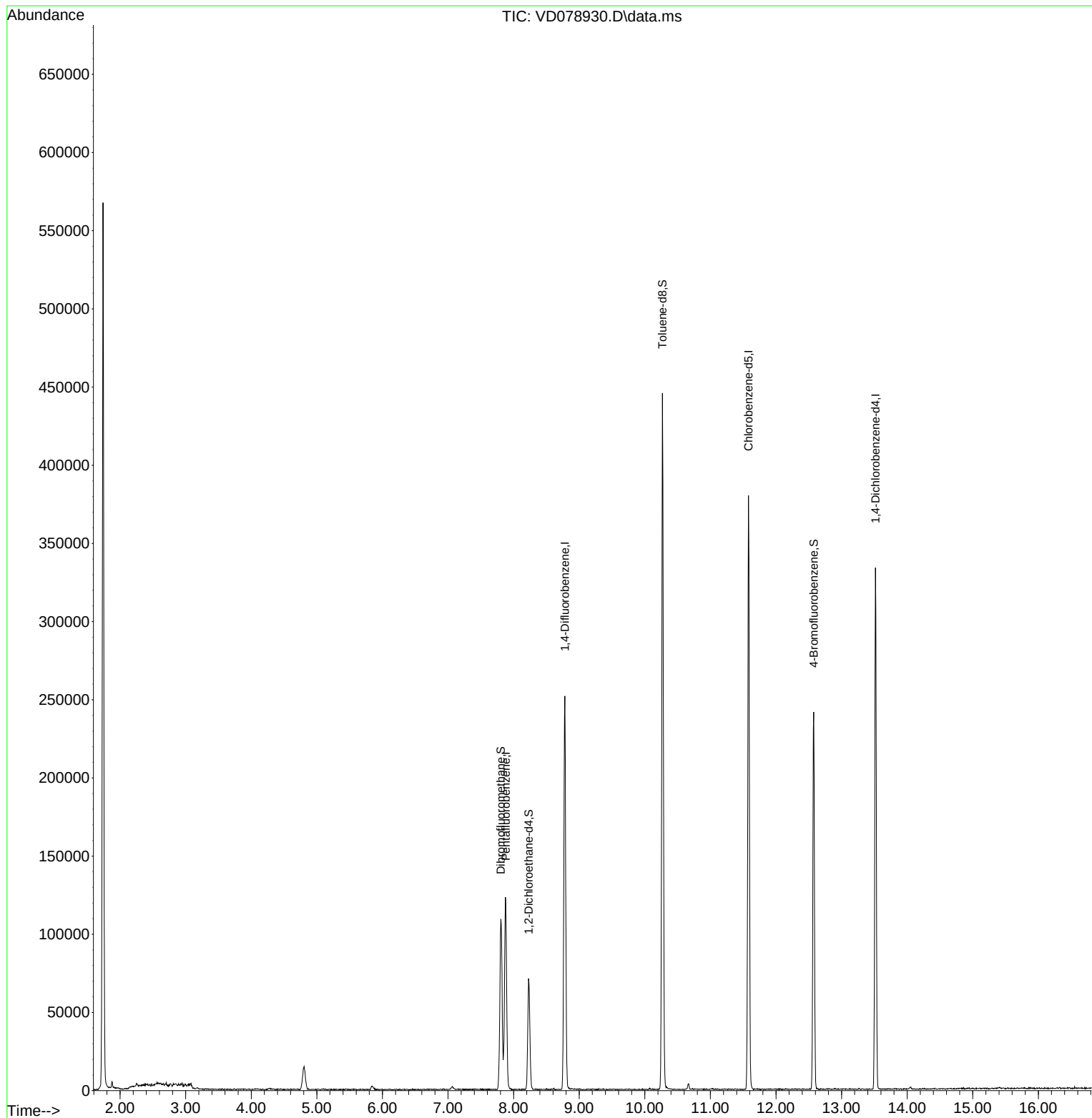
Target Compounds	Qvalue

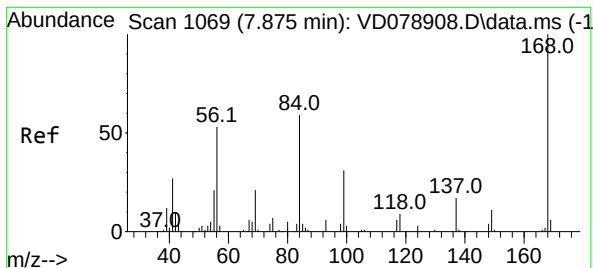
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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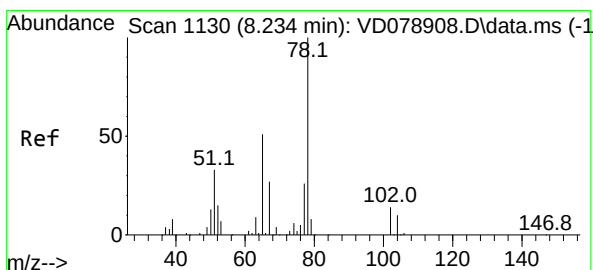
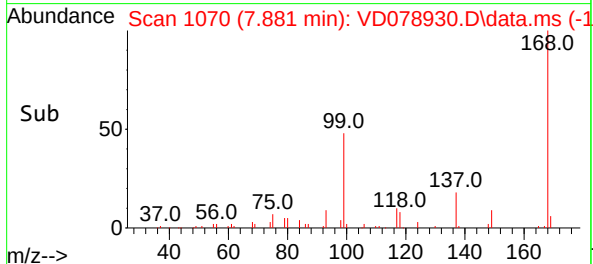
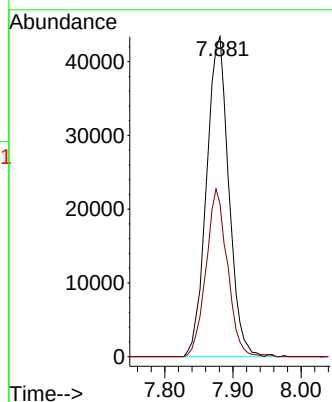
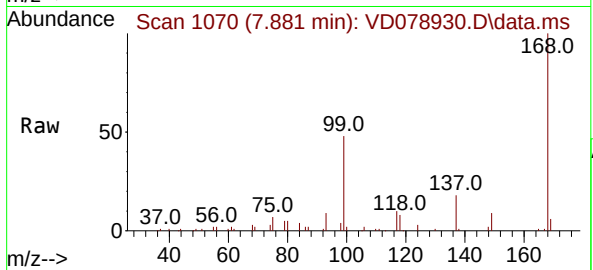




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

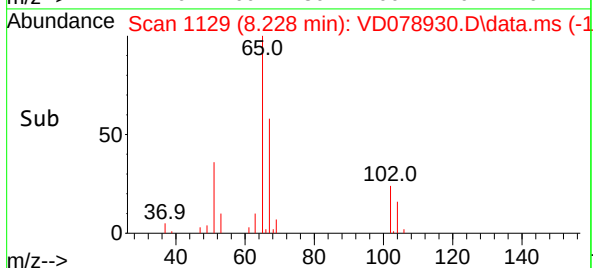
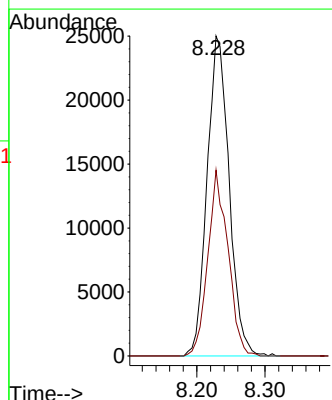
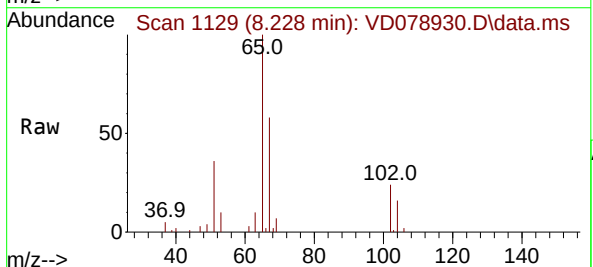
Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

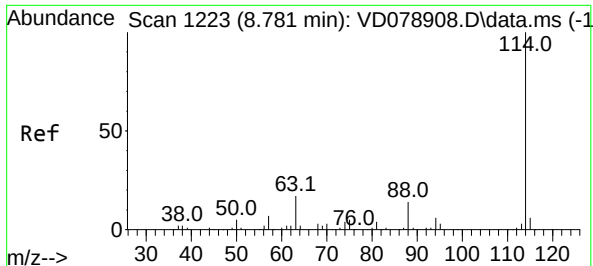
Tgt Ion:168 Resp: 98951
Ion Ratio Lower Upper
168 100
99 47.7 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 60.627 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

Tgt Ion: 65 Resp: 56272
Ion Ratio Lower Upper
65 100
67 53.2 0.0 111.0

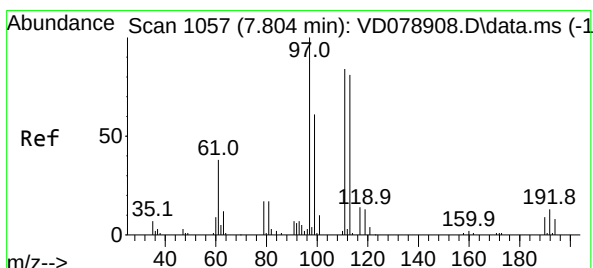
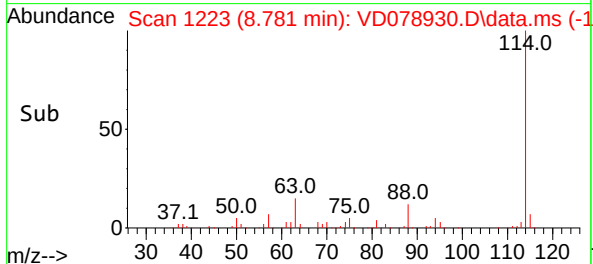
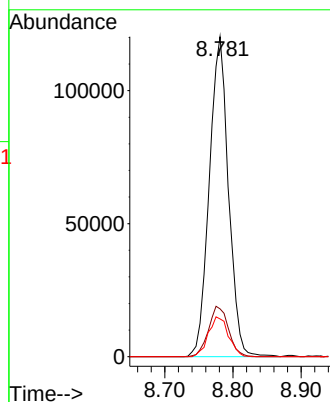
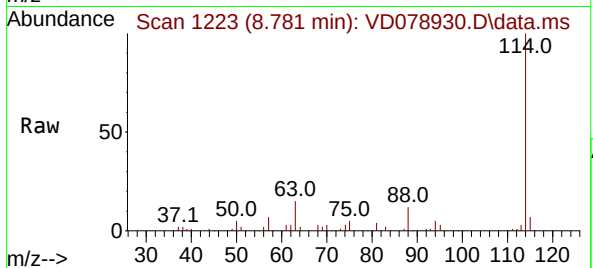




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

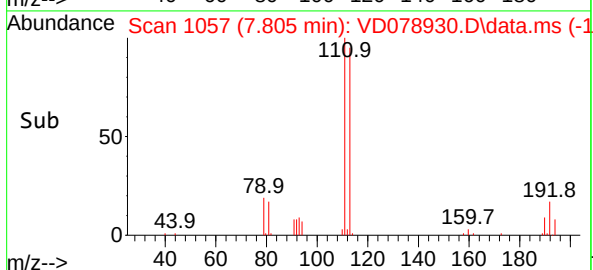
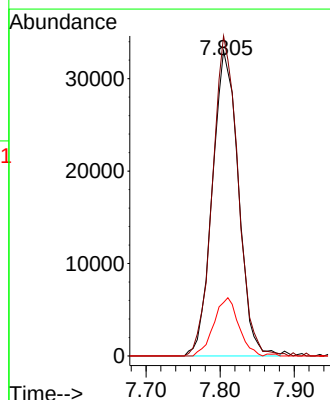
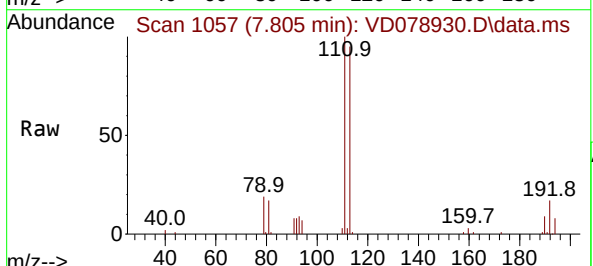
Instrument :
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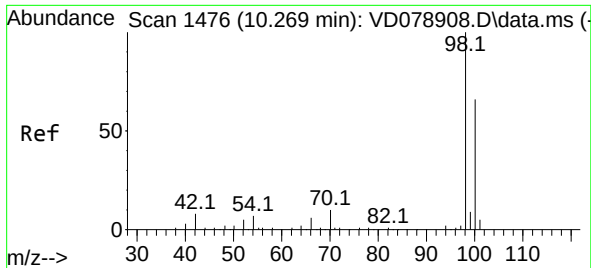
Tgt Ion:114 Resp: 235623
Ion Ratio Lower Upper
114 100
63 14.9 0.0 34.0
88 11.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.464 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

Tgt Ion:113 Resp: 80720
Ion Ratio Lower Upper
113 100
111 102.7 84.0 126.0
192 18.2 15.4 23.0

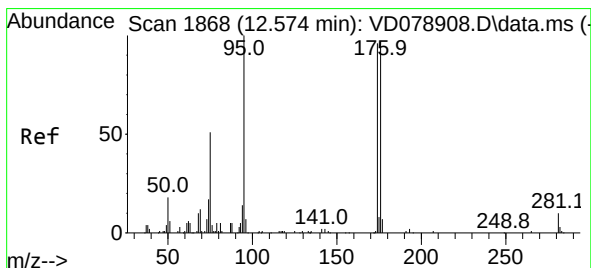
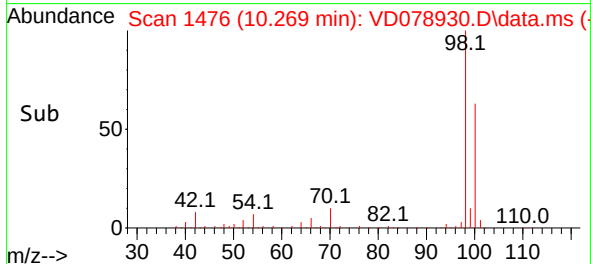
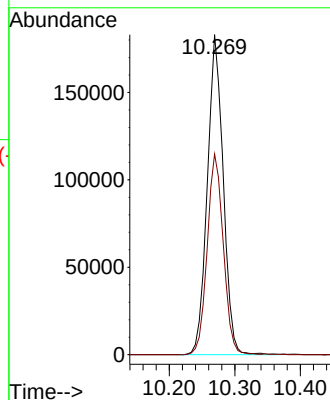
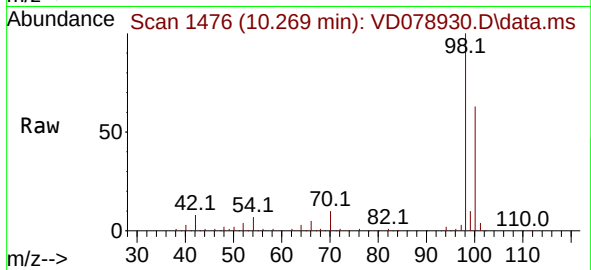




#50
Toluene-d8
Concen: 52.573 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

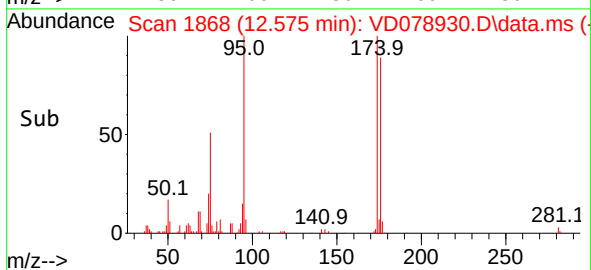
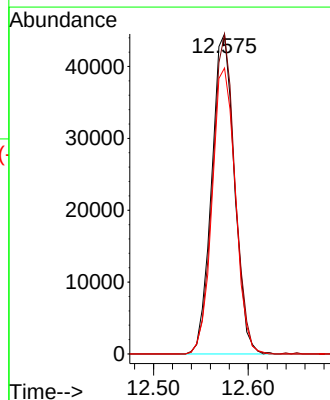
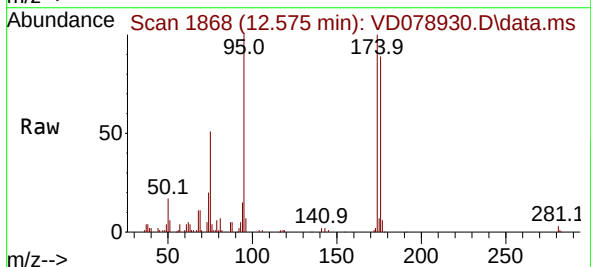
Instrument :
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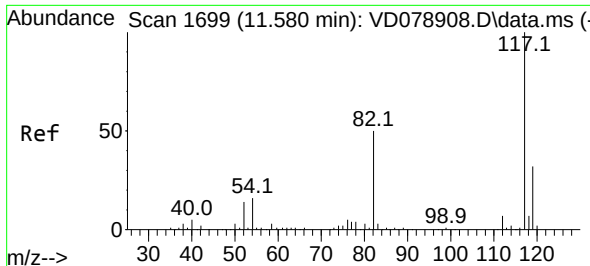
Tgt Ion: 98 Resp: 309127
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.173 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

Tgt Ion: 95 Resp: 74618
Ion Ratio Lower Upper
95 100
174 98.2 0.0 195.4
176 90.8 0.0 192.6

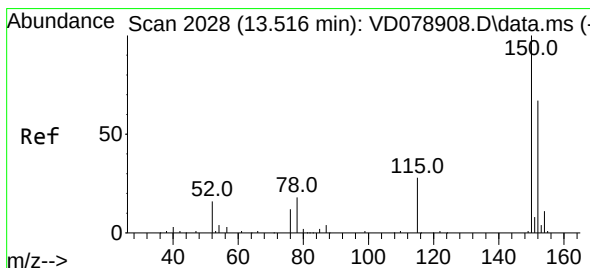
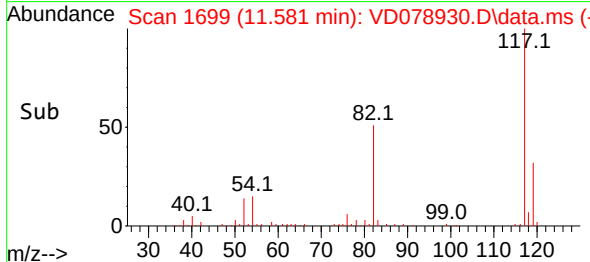
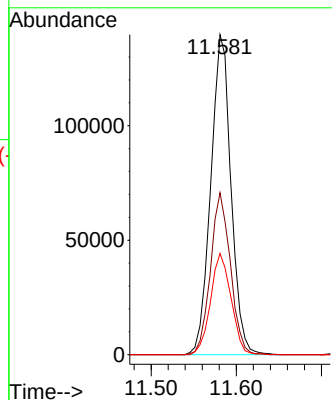
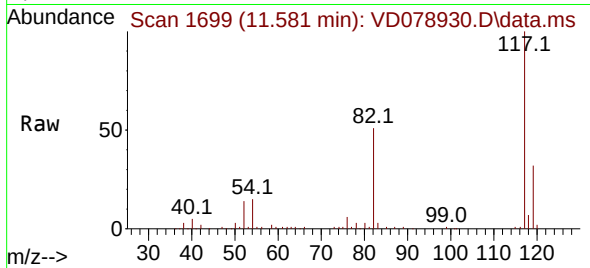




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

Tgt Ion:117 Resp: 231019
Ion Ratio Lower Upper
117 100
82 50.6 39.8 59.6
119 31.6 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: VD078930.D
Acq: 15 May 2024 15:24

Tgt Ion:152 Resp: 94893
Ion Ratio Lower Upper
152 100
115 53.9 26.5 79.5
150 155.3 0.0 341.6

