

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078782.D
 Acq On : 28 Mar 2024 18:47
 Operator : RP/MD
 Sample : P1879-07
 Misc : 4.32G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-04(0-2)

Quant Time: Mar 29 01:37:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	139673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	255382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89446	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65466	50.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.020%
35) Dibromofluoromethane	7.810	113	84108	51.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.300%
50) Toluene-d8	10.269	98	318380	52.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.575	95	73447	41.516	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.040%

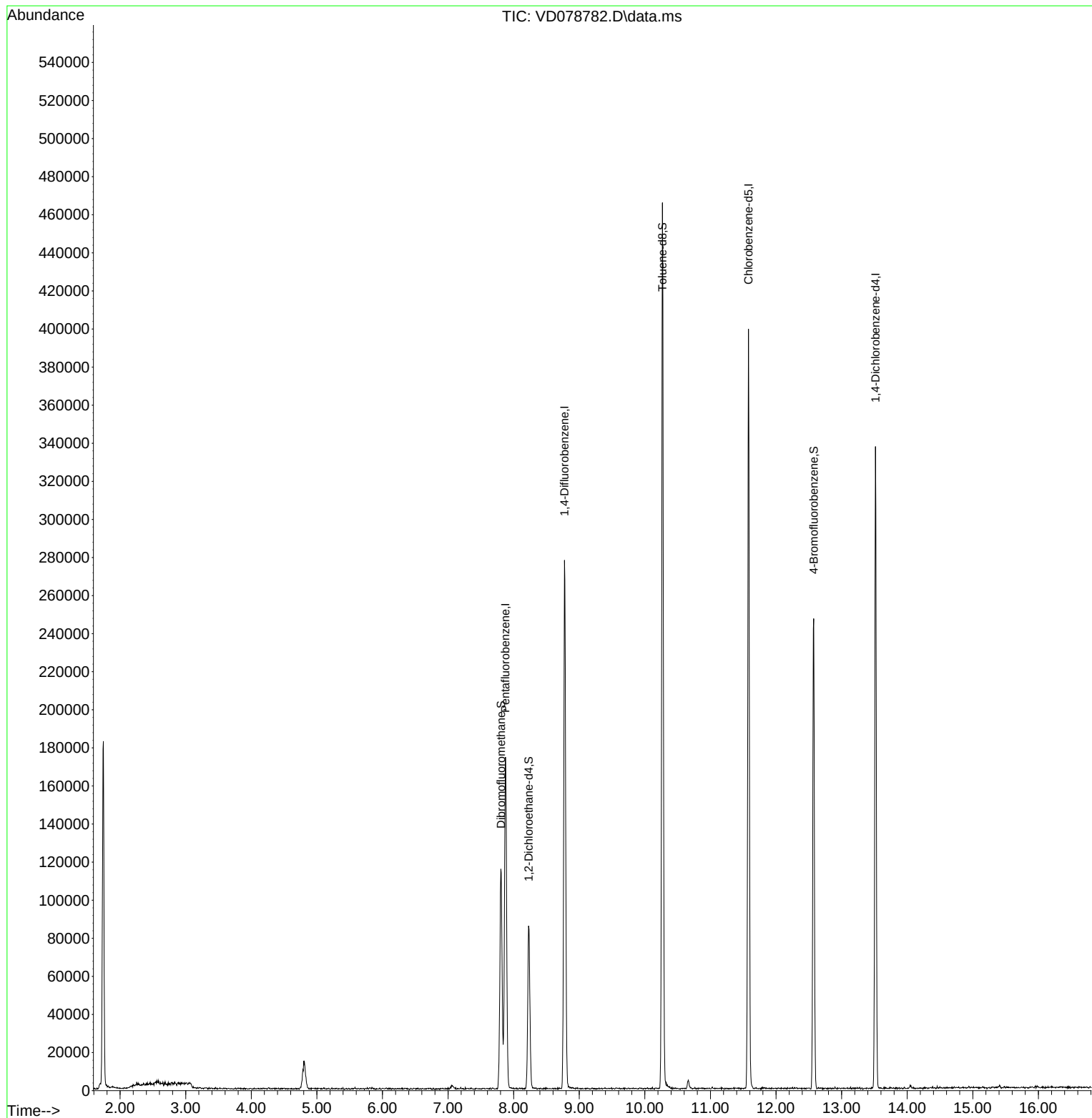
Target Compounds	Qvalue

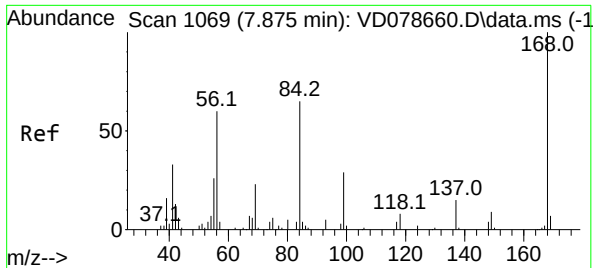
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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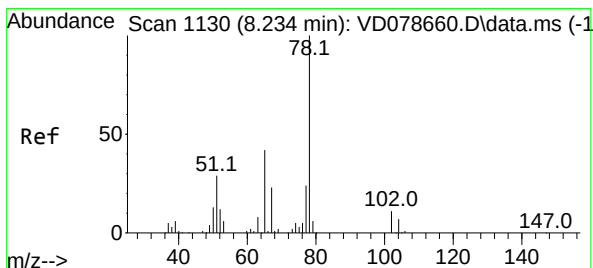
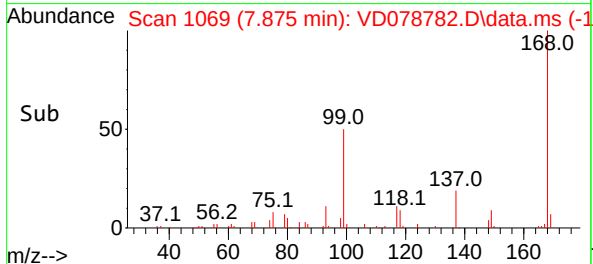
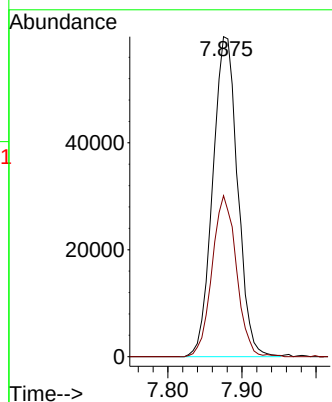
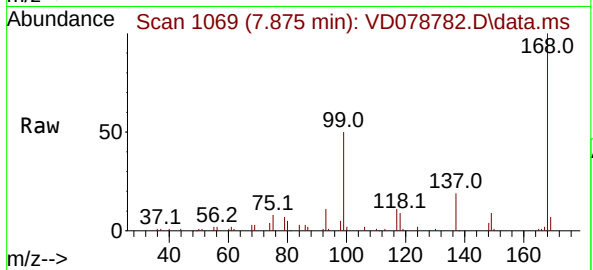




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

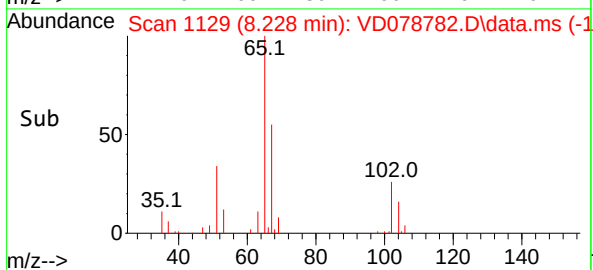
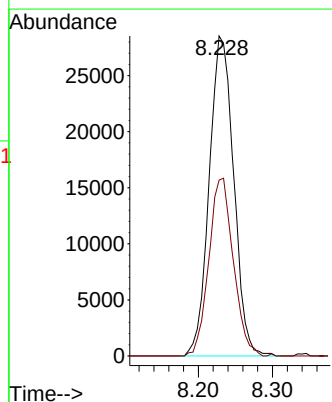
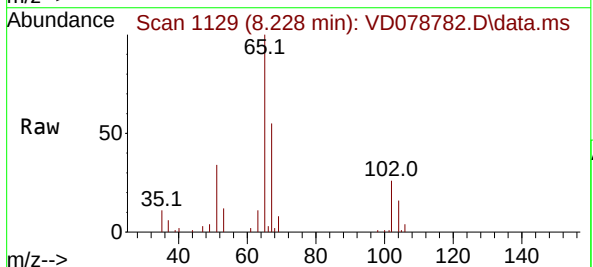
Instrument :
MSVOA_D
ClientSampleId :
EB-04(0-2)

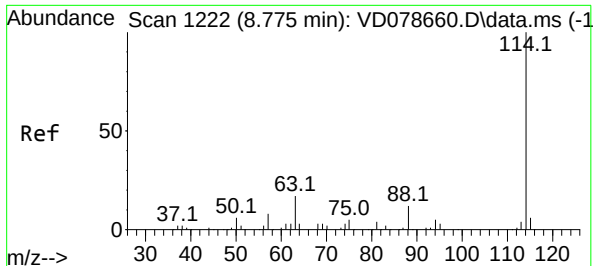
Tgt Ion:168 Resp: 139673
Ion Ratio Lower Upper
168 100
99 50.3 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 50.014 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

Tgt Ion: 65 Resp: 65466
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078782.D

Acq: 28 Mar 2024 18:47

Instrument :

MSVOA_D

ClientSampleId :

EB-04(0-2)

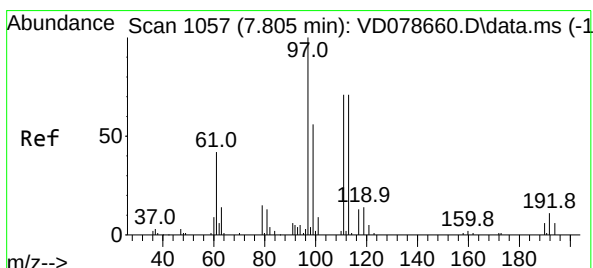
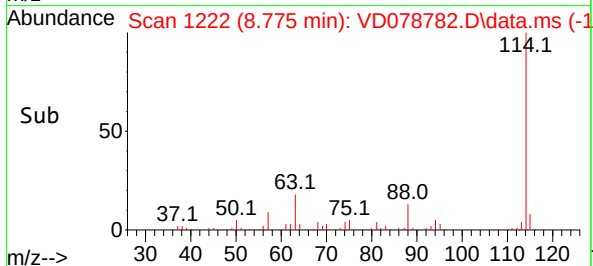
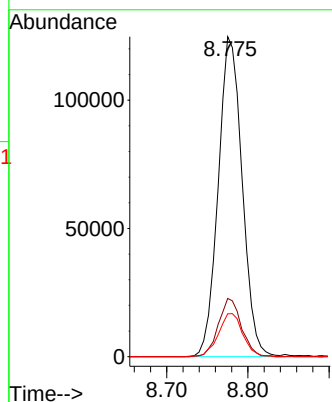
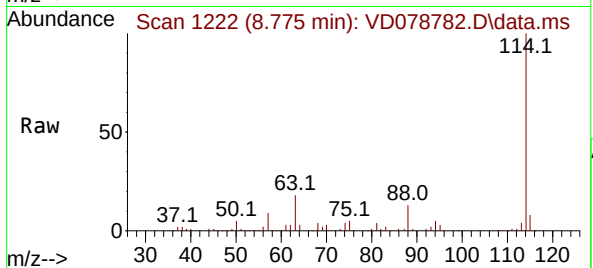
Tgt Ion:114 Resp: 255382

Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.4 0.0 24.6



#35

Dibromofluoromethane

Concen: 51.152 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078782.D

Acq: 28 Mar 2024 18:47

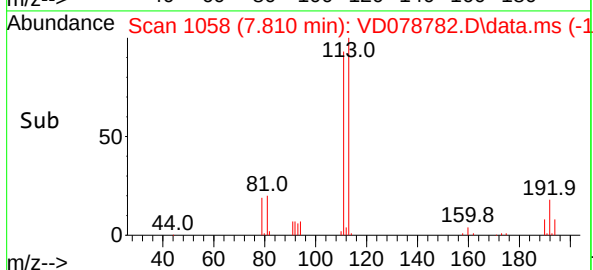
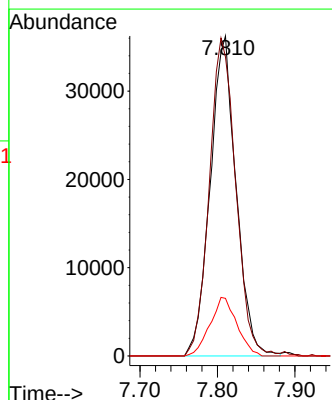
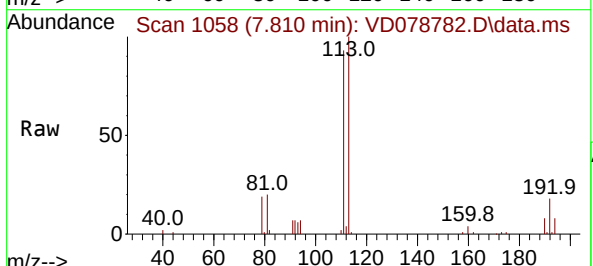
Tgt Ion:113 Resp: 84108

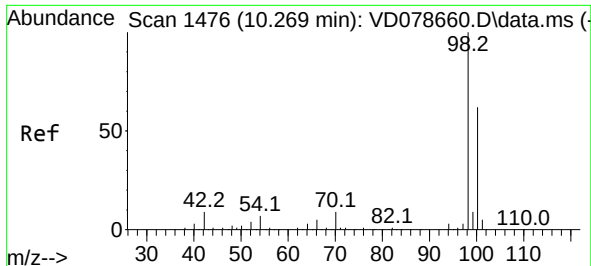
Ion Ratio Lower Upper

113 100

111 101.1 81.9 122.9

192 19.0 15.4 23.0

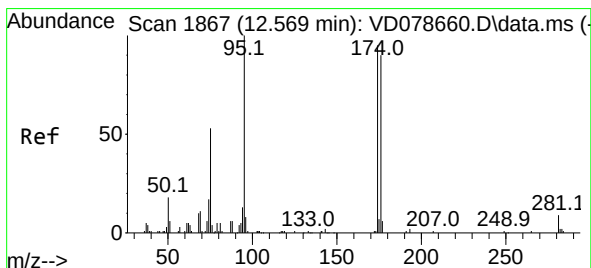
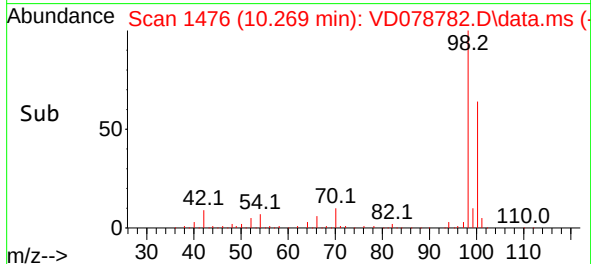
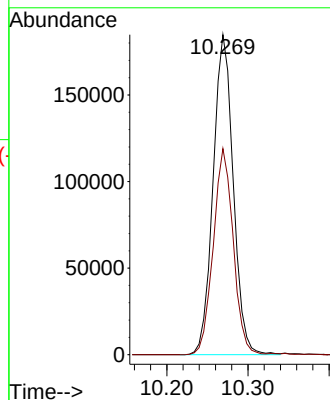
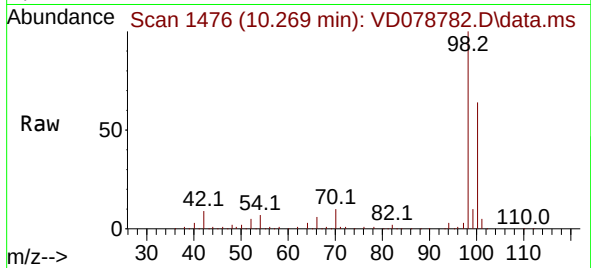




#50
Toluene-d8
Concen: 52.650 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

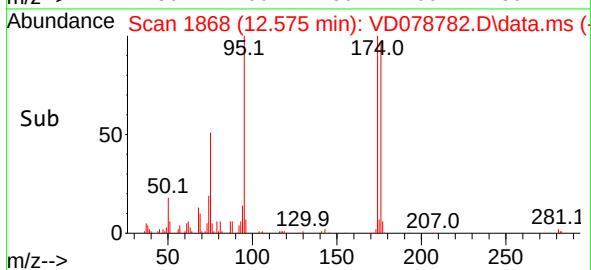
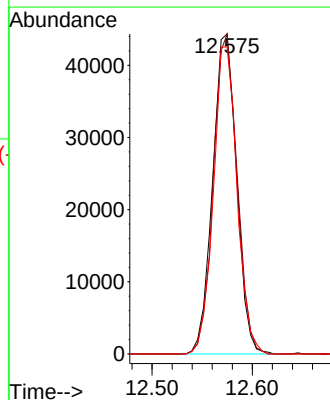
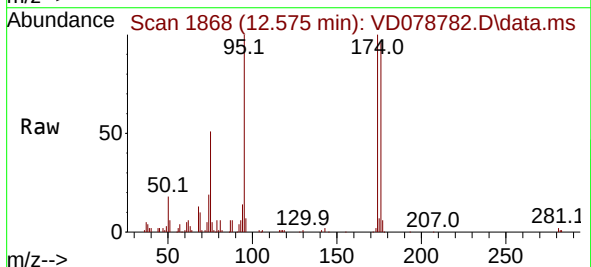
Instrument :
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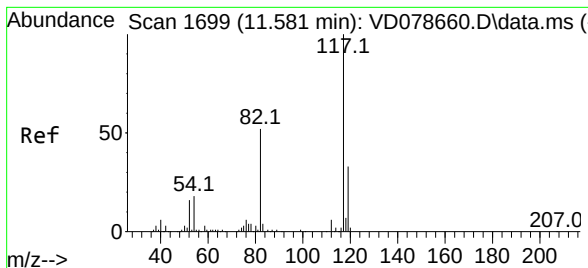
Tgt Ion: 98 Resp: 318380
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 41.516 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

Tgt Ion: 95 Resp: 73447
Ion Ratio Lower Upper
95 100
174 99.2 0.0 195.2
176 95.0 0.0 188.2

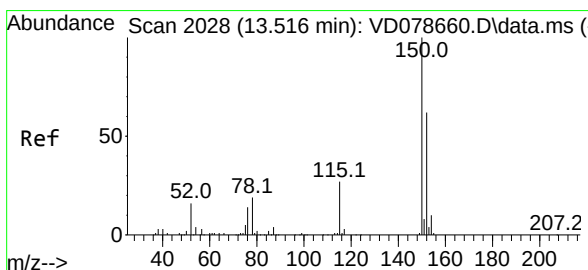
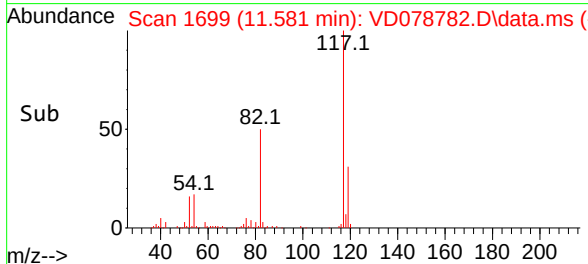
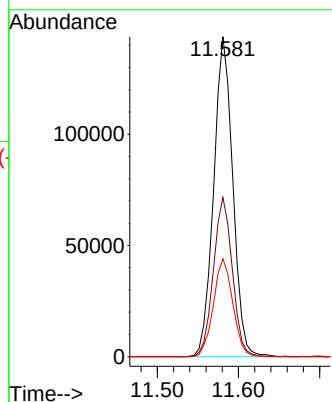
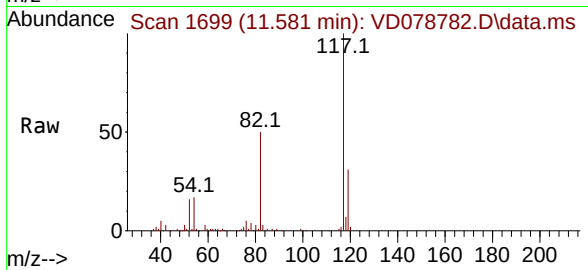




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

Instrument :
MSVOA_D
ClientSampleId :
EB-04(0-2)

Tgt Ion:117 Resp: 235672
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.2
119 30.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

Tgt Ion:152 Resp: 89446
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.2
150 160.4 0.0 350.2

