

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078696.D
 Acq On : 18 Mar 2024 14:56
 Operator : RP/MD
 Sample : P1326-03RE
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1RE

Quant Time: Mar 18 16:02:58 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	88169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	163358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	137461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	45240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52332	63.334	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.660%
35) Dibromofluoromethane	7.804	113	58511	55.631	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.260%
50) Toluene-d8	10.269	98	190750	49.313	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.575	95	40641	35.913	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.820%

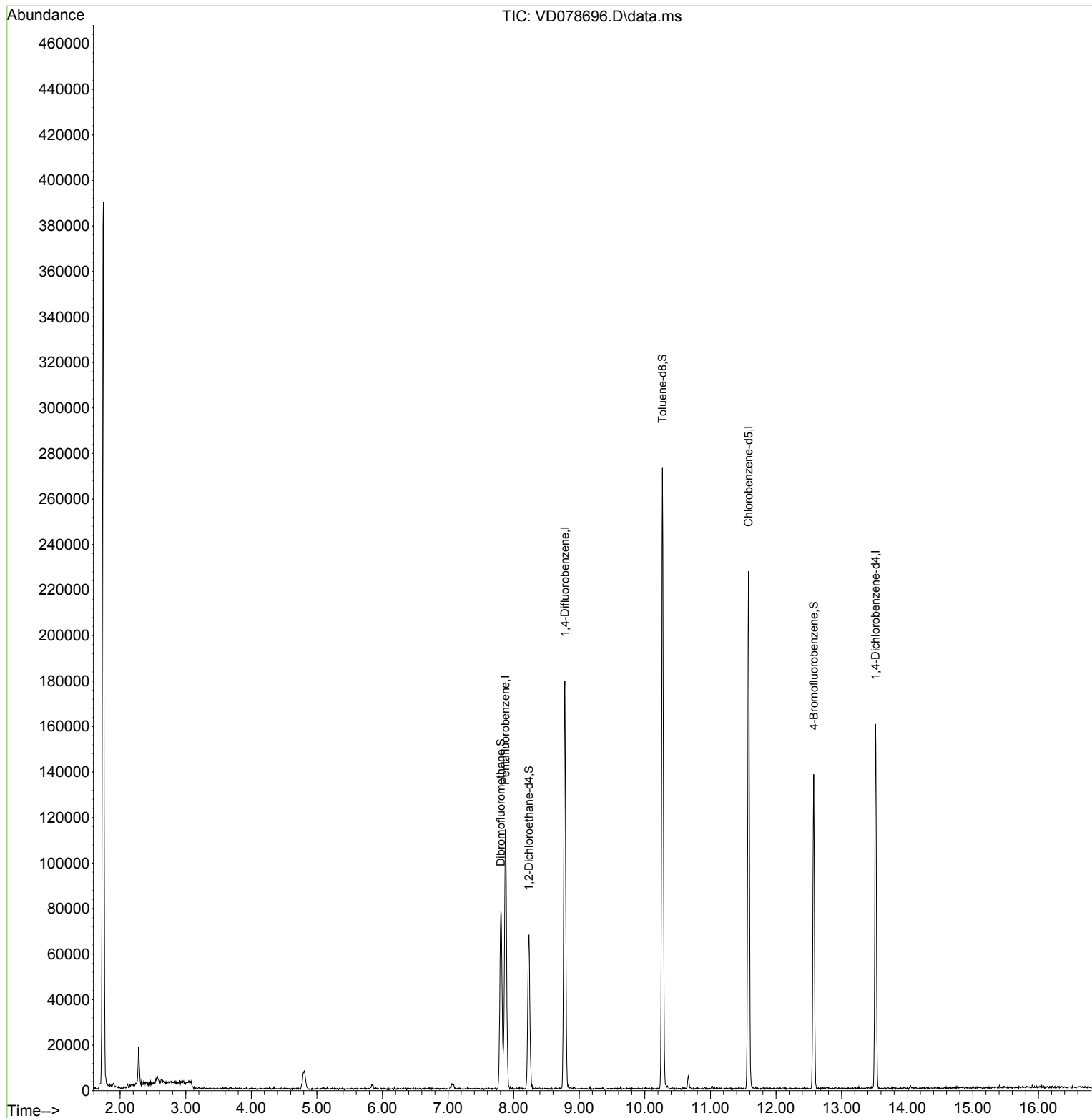
Target Compounds	Qvalue

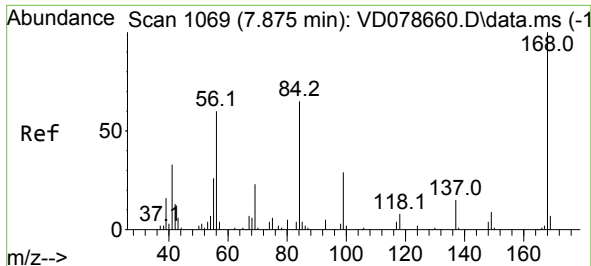
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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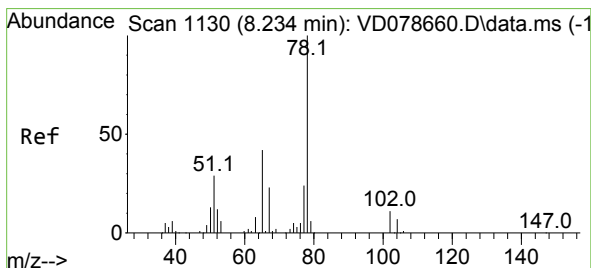
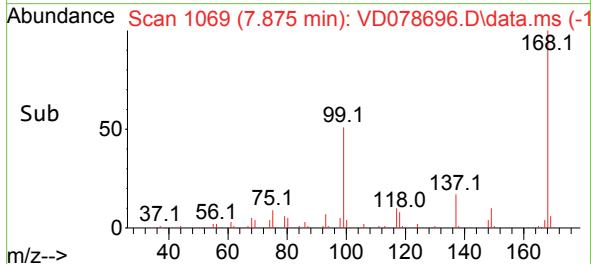
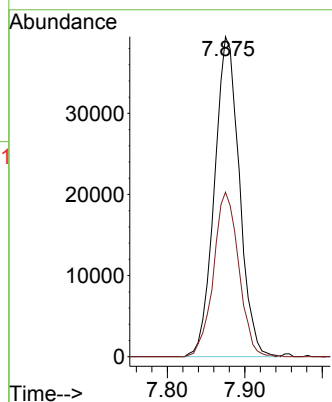
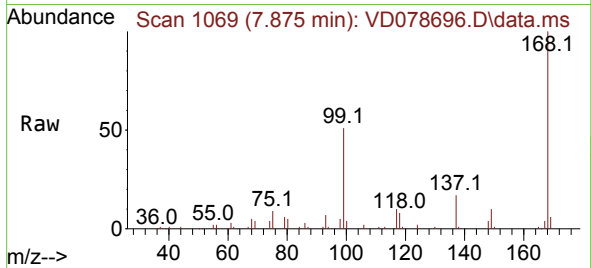




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

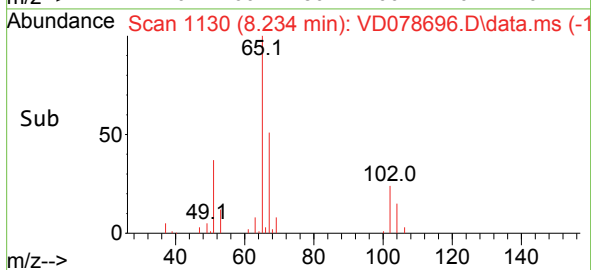
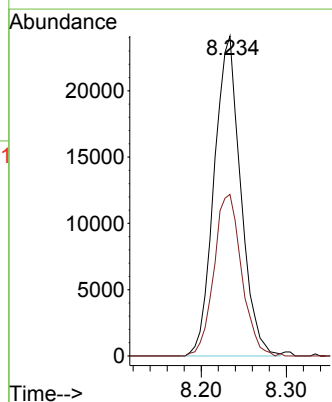
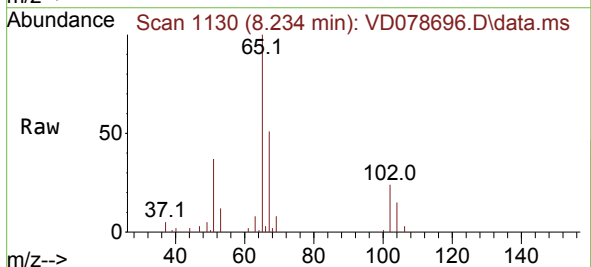
Instrument :
MSVOA_D
ClientSampleId :
1RE

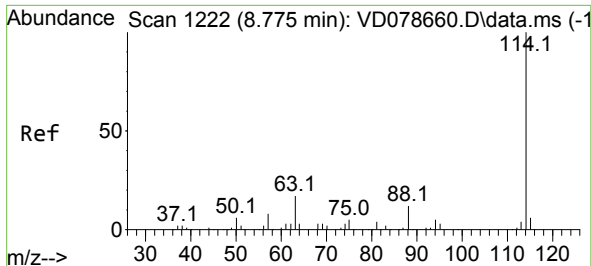
Tgt Ion:168 Resp: 88169
Ion Ratio Lower Upper
168 100
99 51.4 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 63.334 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

Tgt Ion: 65 Resp: 52332
Ion Ratio Lower Upper
65 100
67 52.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078696.D

Acq: 18 Mar 2024 14:56

Instrument :

MSVOA_D

ClientSampleId :

1RE

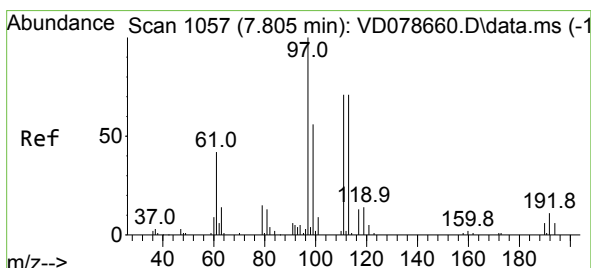
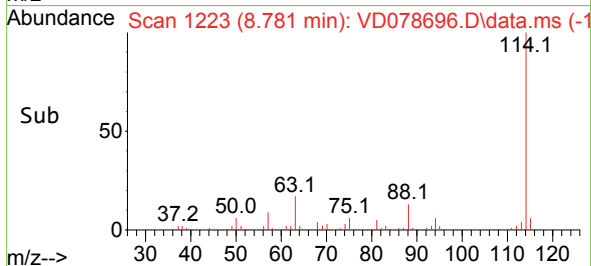
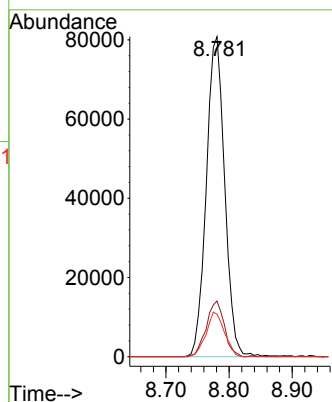
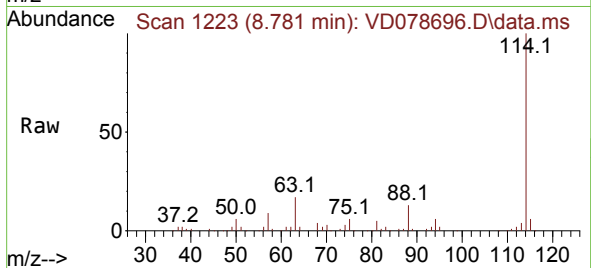
Tgt Ion:114 Resp: 163358

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.4

88 13.3 0.0 24.6



#35

Dibromofluoromethane

Concen: 55.631 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078696.D

Acq: 18 Mar 2024 14:56

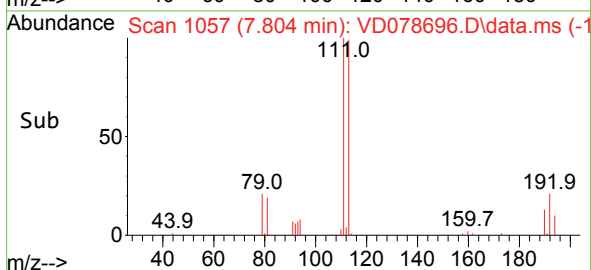
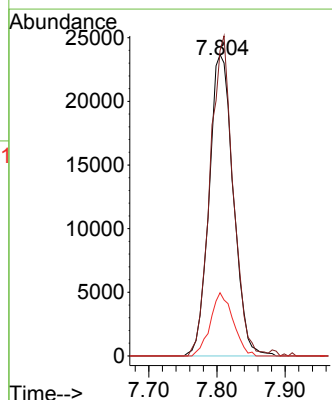
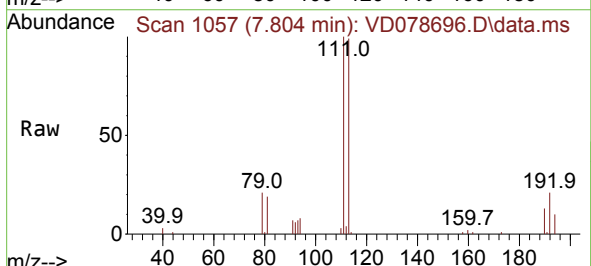
Tgt Ion:113 Resp: 58511

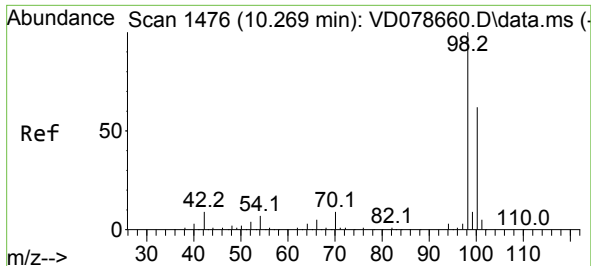
Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

192 19.7 15.4 23.0

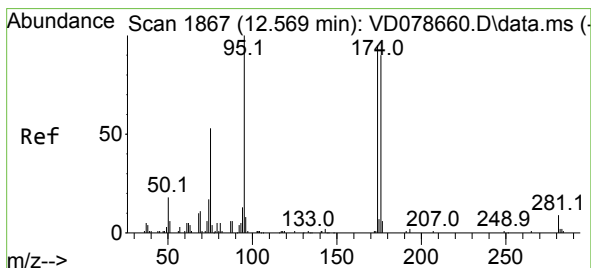
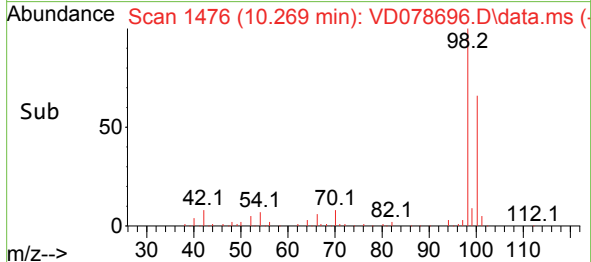
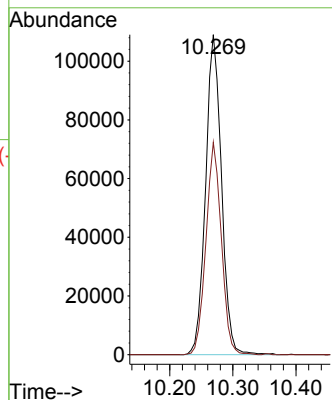
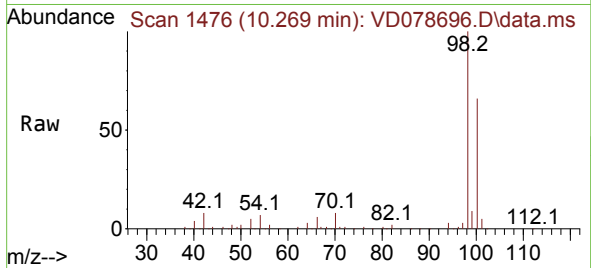




#50
Toluene-d8
Concen: 49.313 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

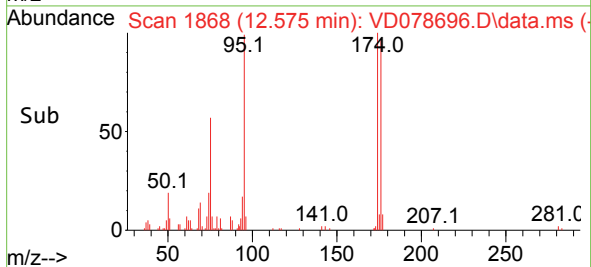
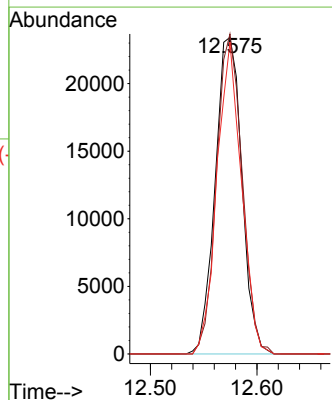
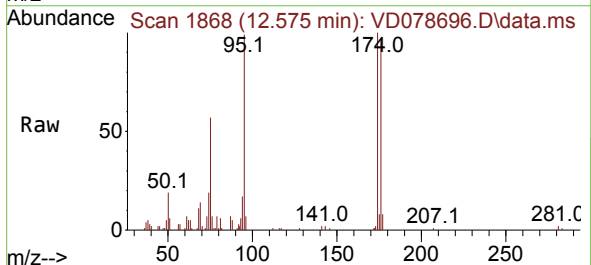
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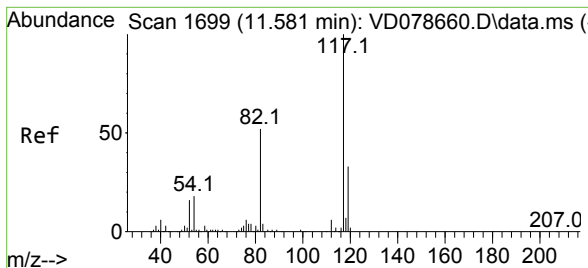
Tgt Ion: 98 Resp: 190750
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 35.913 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

Tgt Ion: 95 Resp: 40641
Ion Ratio Lower Upper
95 100
174 97.0 0.0 195.2
176 90.7 0.0 188.2

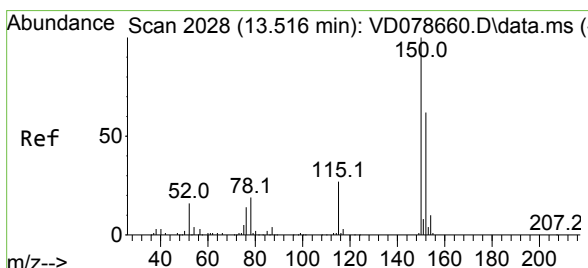
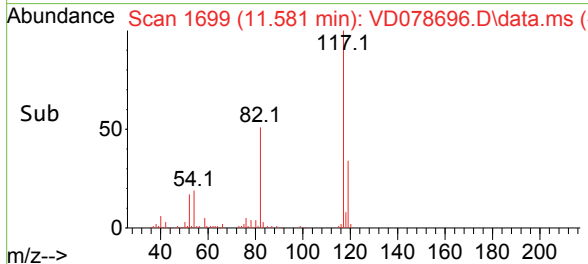
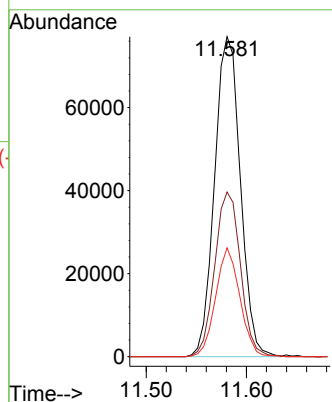
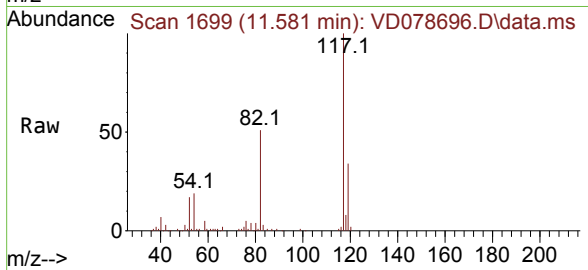




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

Instrument :
MSVOA_D
ClientSampleId :
1RE

Tgt Ion:117 Resp: 137461
Ion Ratio Lower Upper
117 100
82 51.4 41.4 62.2
119 34.0 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: VD078696.D
Acq: 18 Mar 2024 14:56

Tgt Ion:152 Resp: 45240
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.2
150 152.0 0.0 350.2

