

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
 Data File : VD078091.D
 Acq On : 28 Dec 2023 14:36
 Operator : RP/MD
 Sample : 06027-03RE
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PIERBRE

Quant Time: Dec 28 22:25:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	278989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	459439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	436235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	205597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	106475	42.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.780%
35) Dibromofluoromethane	7.804	113	74846	25.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	50.640%#
50) Toluene-d8	10.269	98	555821	53.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.860%
62) 4-Bromofluorobenzene	12.575	95	170708	51.005	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.020%

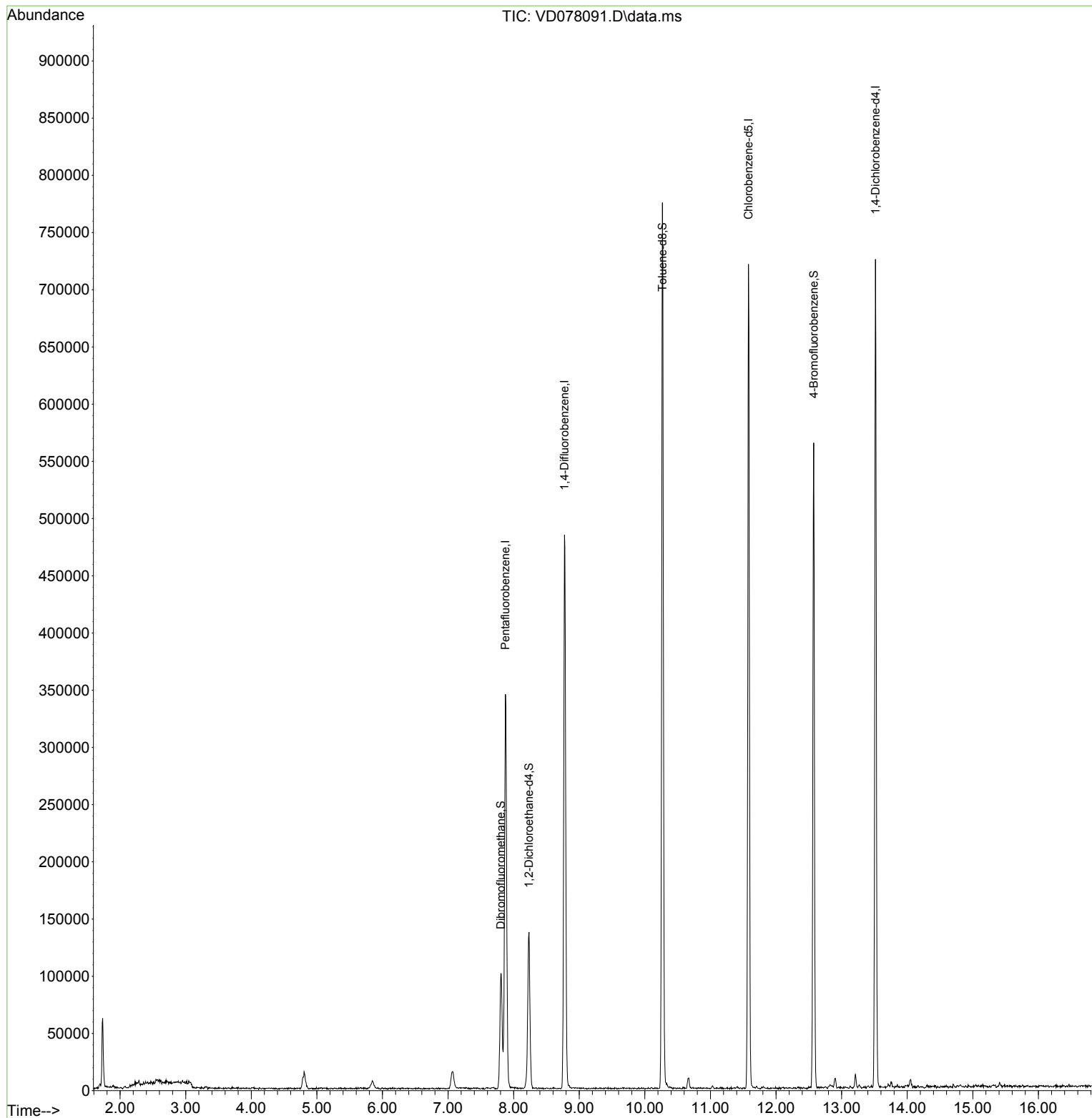
Target Compounds	Qvalue

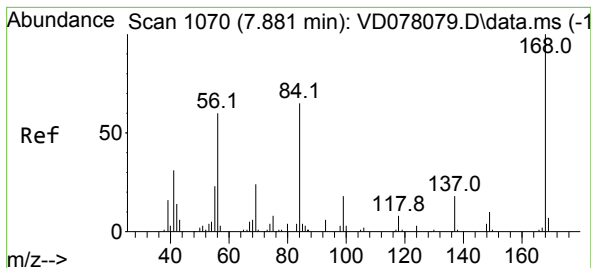
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078091.D

Acq: 28 Dec 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

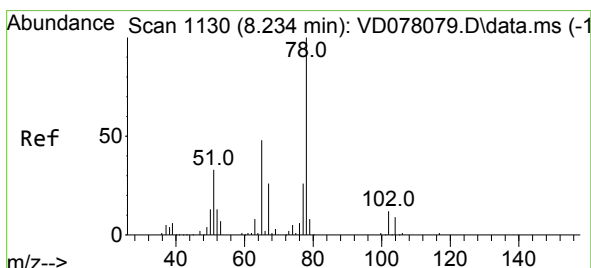
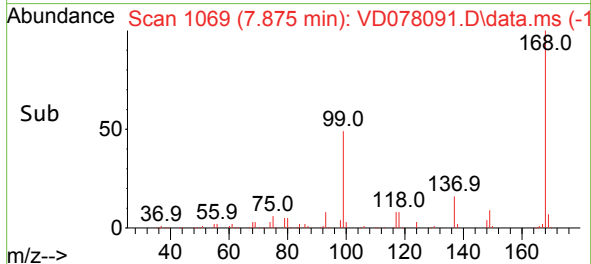
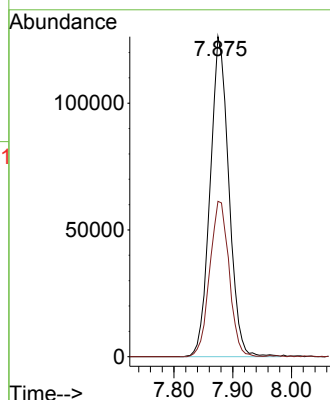
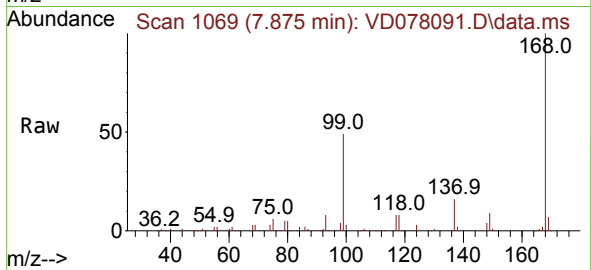
PIERSRE

Tgt Ion:168 Resp: 278989

Ion Ratio Lower Upper

168 100

99 48.6 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 42.893 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078091.D

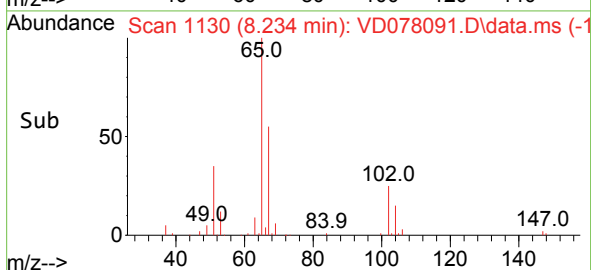
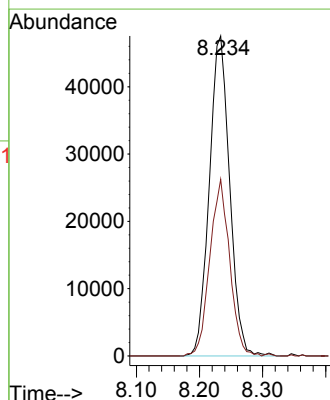
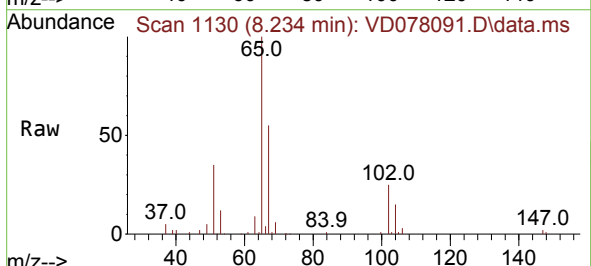
Acq: 28 Dec 2023 14:36

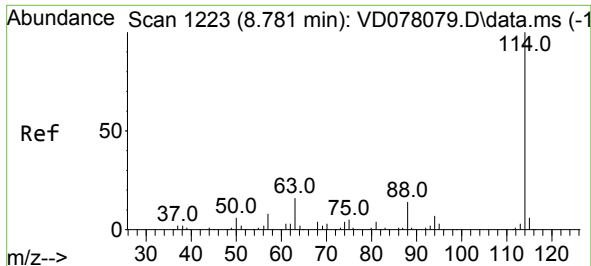
Tgt Ion: 65 Resp: 106475

Ion Ratio Lower Upper

65 100

67 53.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078091.D

Acq: 28 Dec 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

PIERSRE

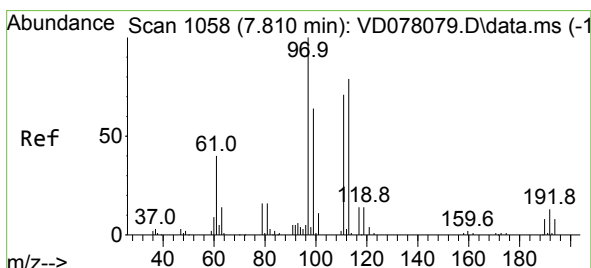
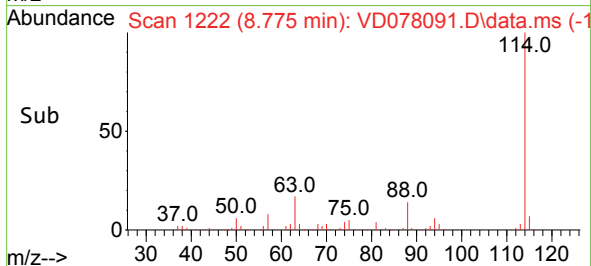
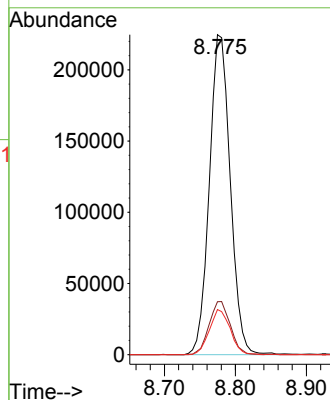
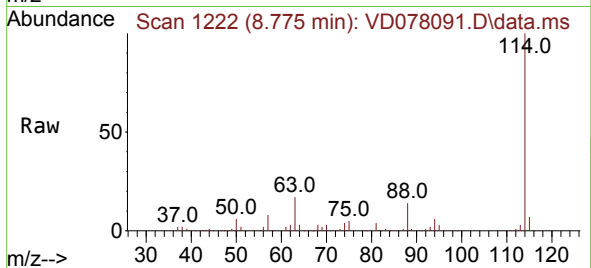
Tgt Ion:114 Resp: 459439

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 25.319 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078091.D

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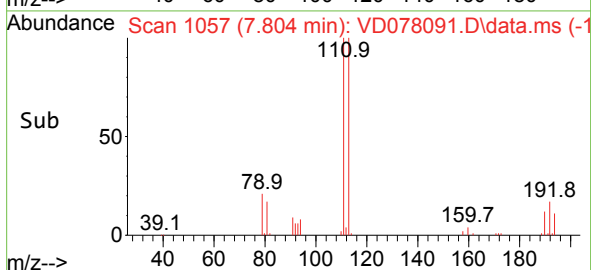
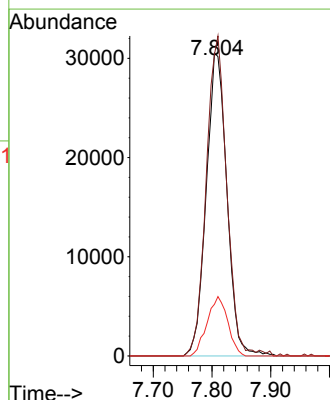
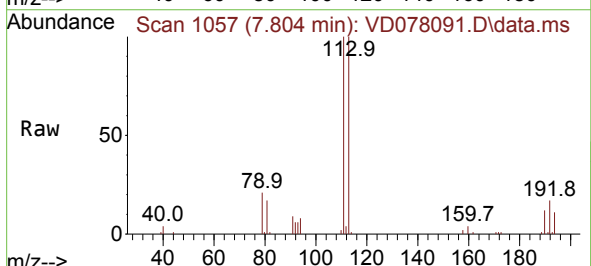
Tgt Ion:113 Resp: 74846

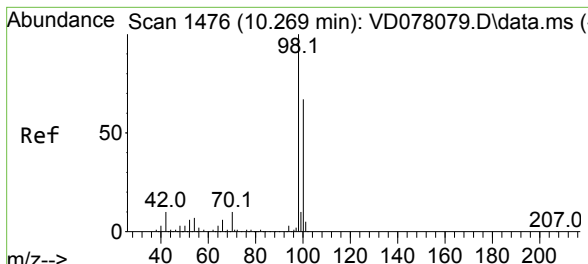
Ion Ratio Lower Upper

113 100

111 104.6 84.7 127.1

192 19.6 16.8 25.2

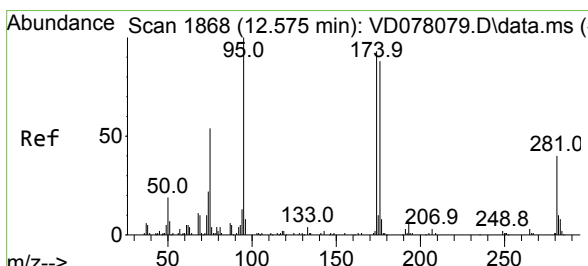
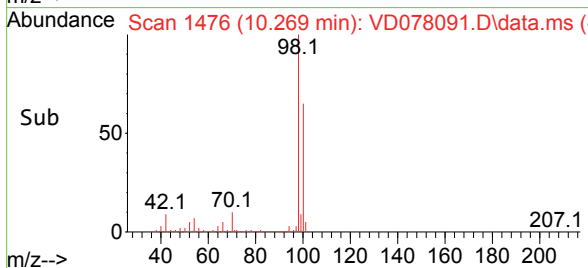
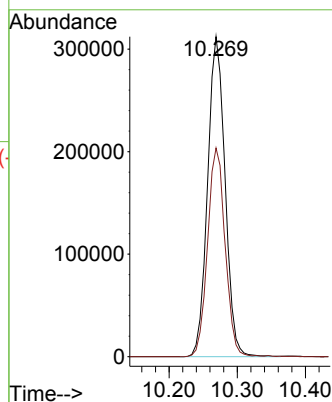
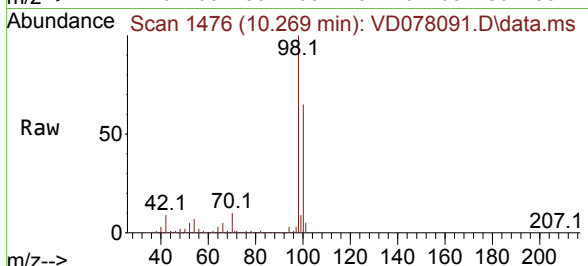




#50
Toluene-d8
Concen: 53.435 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078091.D
Acq: 28 Dec 2023 14:36

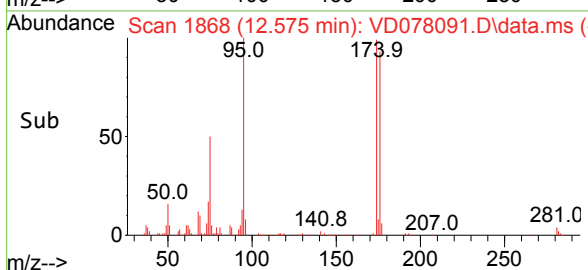
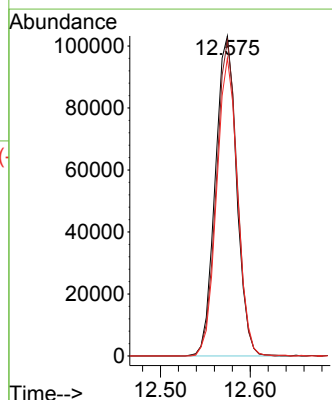
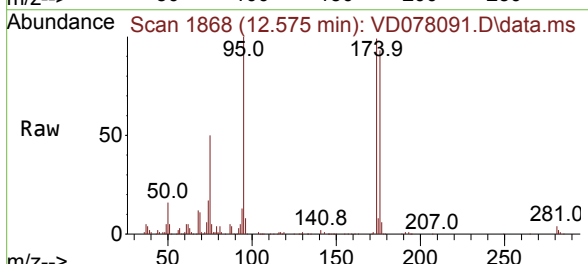
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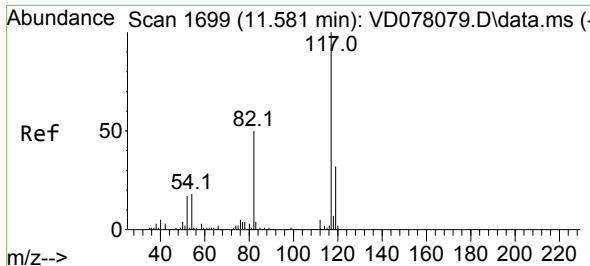
Tgt Ion: 98 Resp: 555821
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.005 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078091.D
Acq: 28 Dec 2023 14:36

Tgt Ion: 95 Resp: 170708
Ion Ratio Lower Upper
95 100
174 96.7 0.0 201.8
176 91.2 0.0 191.8

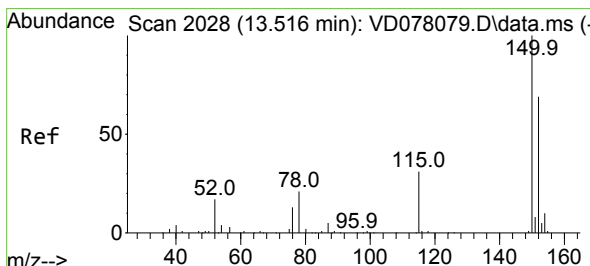
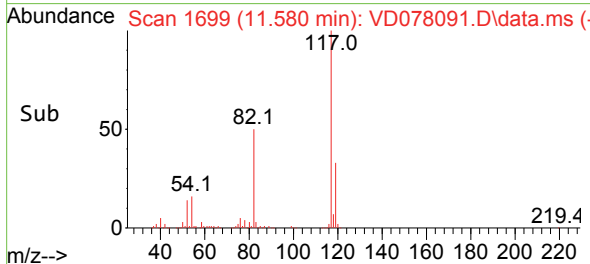
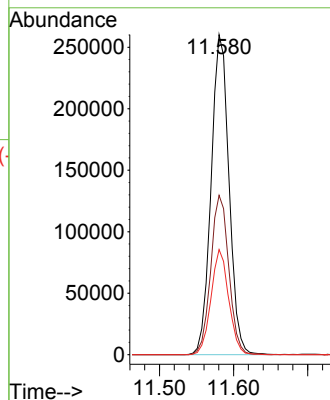
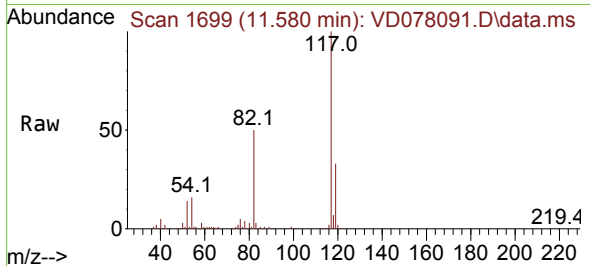




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078091.D
Acq: 28 Dec 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
PIERSRE

Tgt Ion:117 Resp: 436235
Ion Ratio Lower Upper
117 100
82 49.8 38.3 57.5
119 32.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078091.D
Acq: 28 Dec 2023 14:36

Tgt Ion:152 Resp: 205597
Ion Ratio Lower Upper
152 100
115 54.2 27.1 81.3
150 154.8 0.0 353.6

