

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079348.D
 Acq On : 08 Jul 2024 18:05
 Operator : RP/MD
 Sample : VD0708SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBL01

Quant Time: Jul 08 18:58:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	166021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	332583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	306030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125924	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	111411	56.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.900%
35) Dibromofluoromethane	7.804	113	133242	56.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.580%
50) Toluene-d8	10.263	98	489681	54.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.280%
62) 4-Bromofluorobenzene	12.569	95	140650	50.033	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.060%

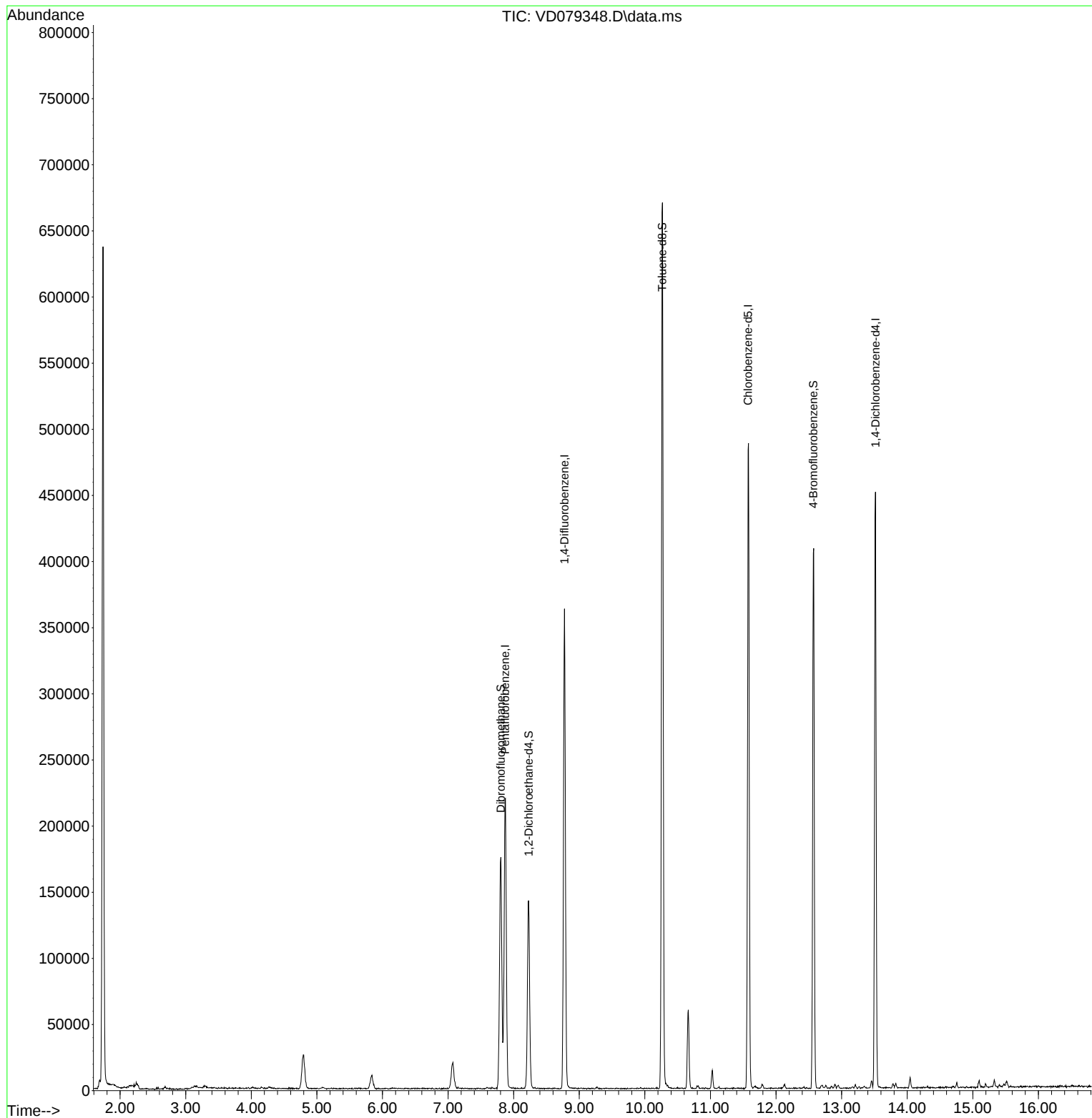
Target Compounds	Qvalue

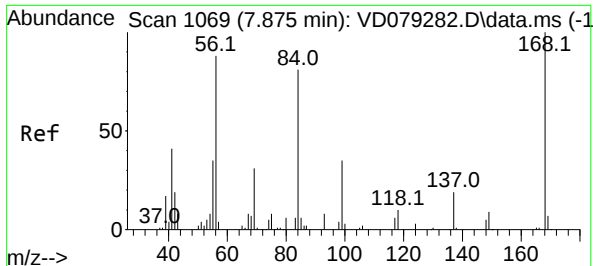
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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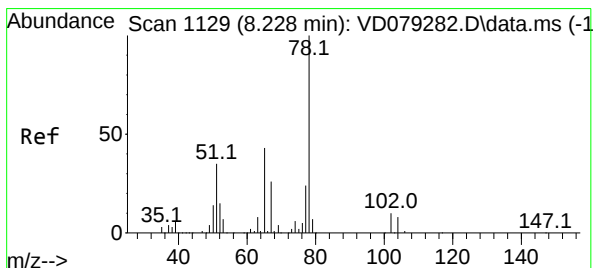
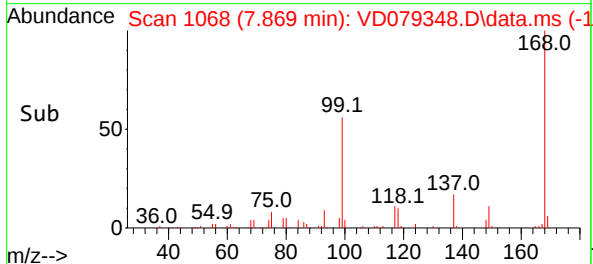
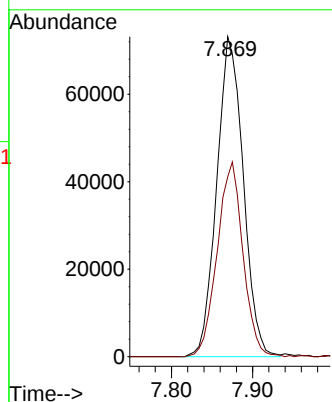
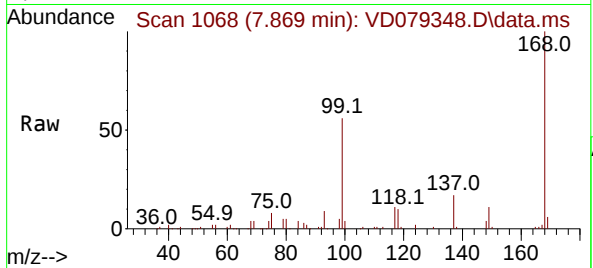




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079348.D
Acq: 08 Jul 2024 18:05

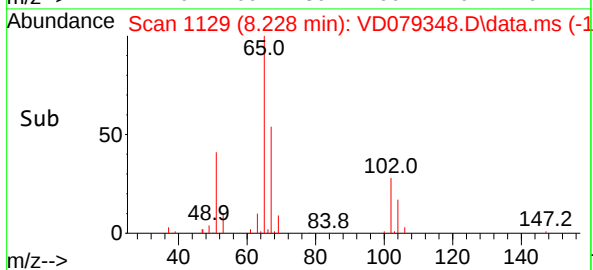
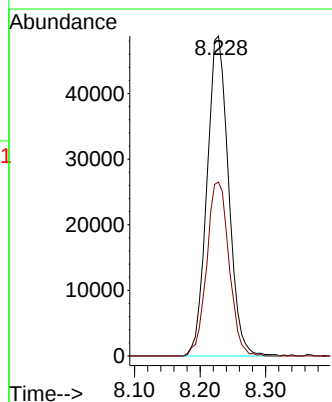
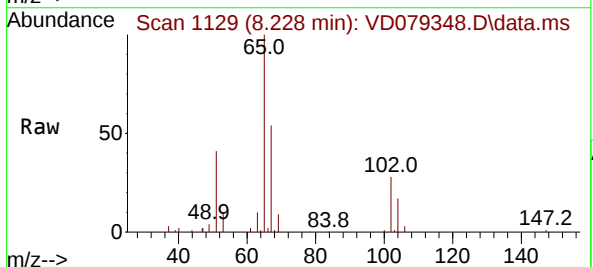
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBL01

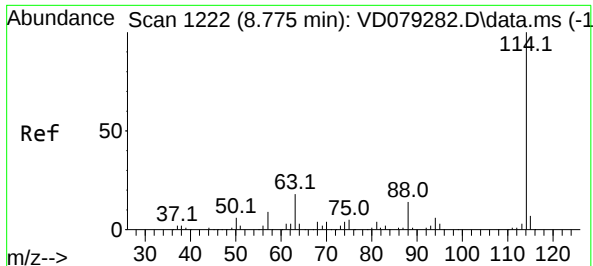
Tgt Ion:168 Resp: 166021
Ion Ratio Lower Upper
168 100
99 56.2 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 56.945 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079348.D
Acq: 08 Jul 2024 18:05

Tgt Ion: 65 Resp: 111411
Ion Ratio Lower Upper
65 100
67 56.2 0.0 111.0

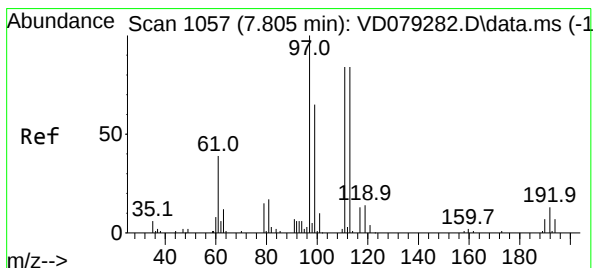
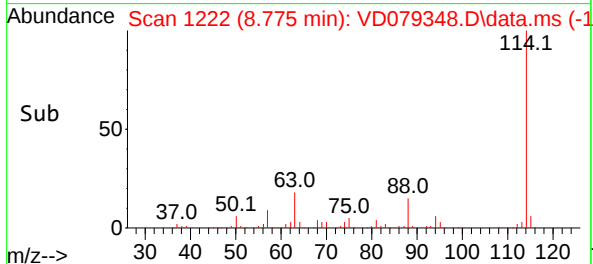
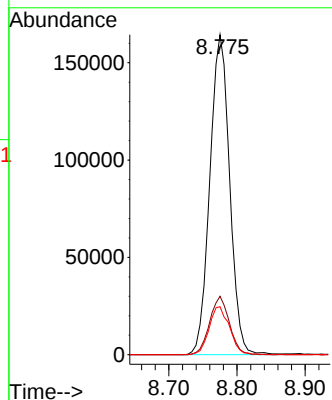
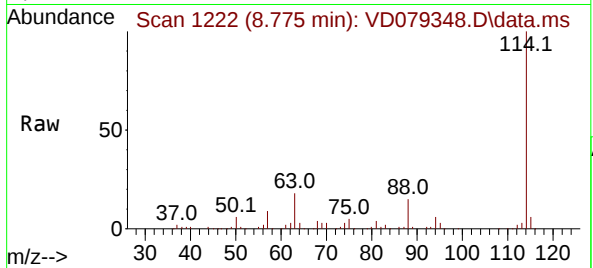




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079348.D
Acq: 08 Jul 2024 18:05

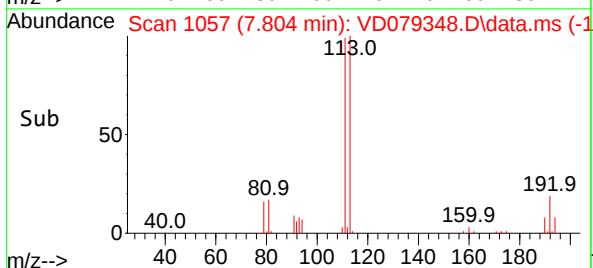
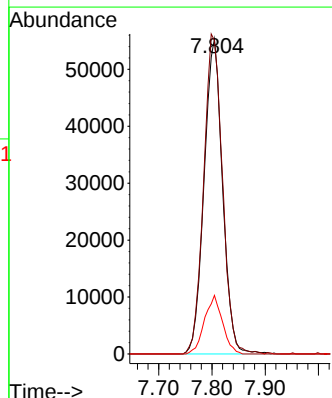
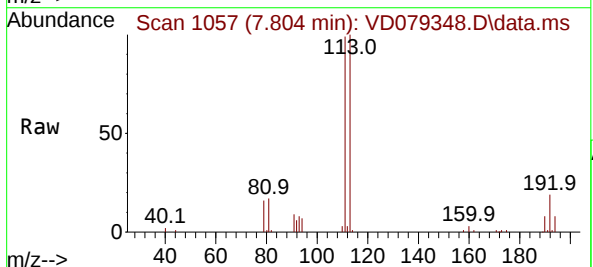
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBL01

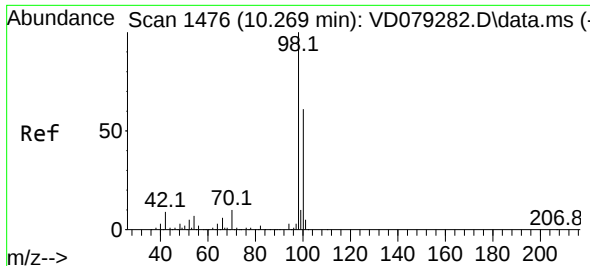
Tgt Ion:114 Resp: 332583
Ion Ratio Lower Upper
114 100
63 18.3 0.0 34.0
88 15.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.788 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079348.D
Acq: 08 Jul 2024 18:05

Tgt Ion:113 Resp: 133242
Ion Ratio Lower Upper
113 100
111 103.2 84.0 126.0
192 18.1 15.4 23.0

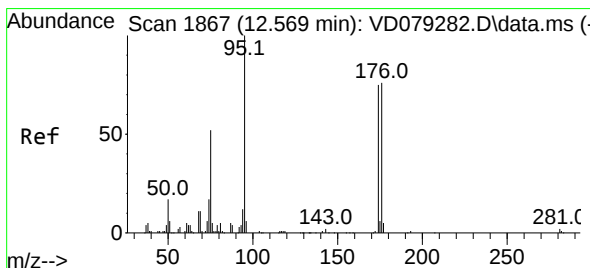
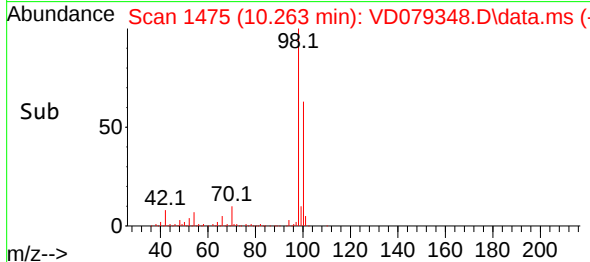
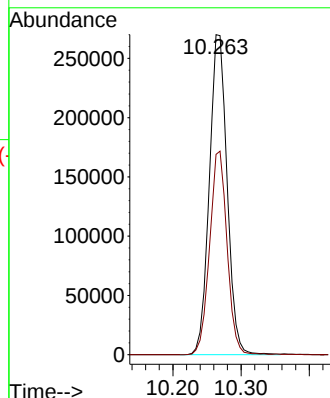
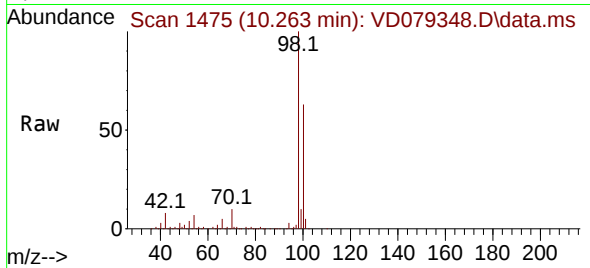




#50
Toluene-d8
Concen: 54.141 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD079348.D
Acq: 08 Jul 2024 18:05

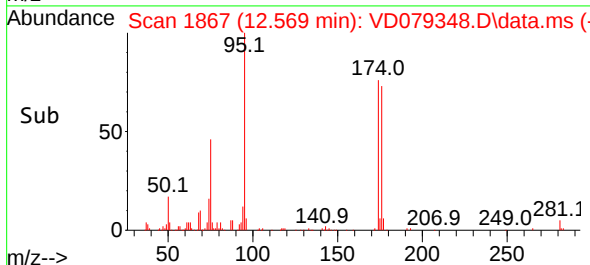
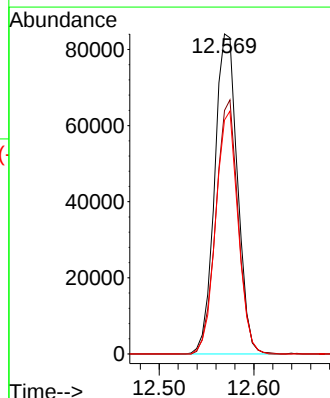
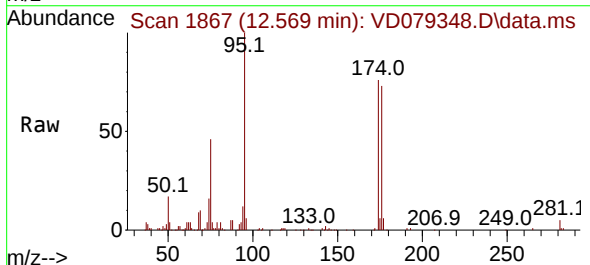
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBL01

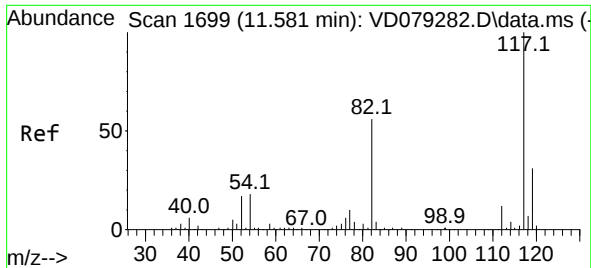
Tgt Ion: 98 Resp: 489681
Ion Ratio Lower Upper
98 100
100 62.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 50.033 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079348.D
Acq: 08 Jul 2024 18:05

Tgt Ion: 95 Resp: 140650
Ion Ratio Lower Upper
95 100
174 77.6 0.0 195.4
176 74.5 0.0 192.6

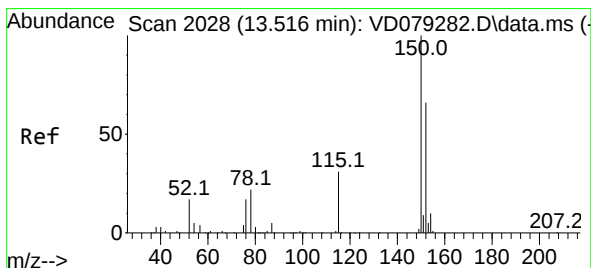
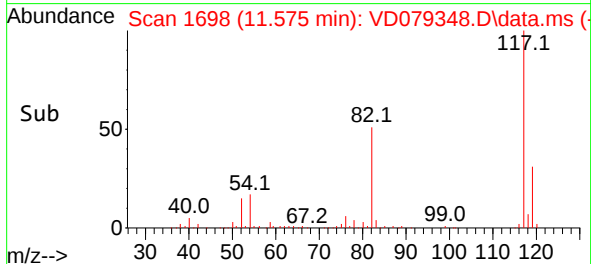
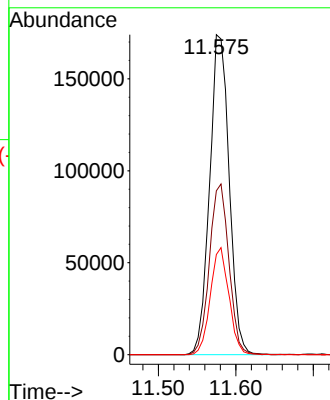
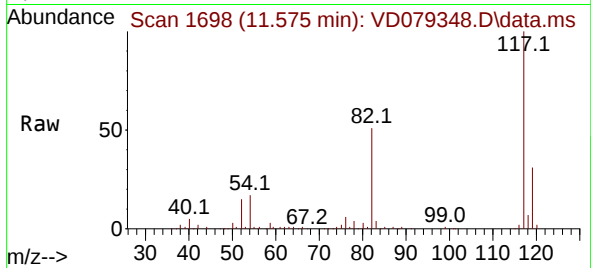




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079348.D
Acq: 08 Jul 2024 18:05

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBL01

Tgt Ion:117 Resp: 306030
Ion Ratio Lower Upper
117 100
82 51.2 39.8 59.6
119 31.3 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: VD079348.D
Acq: 08 Jul 2024 18:05

Tgt Ion:152 Resp: 125924
Ion Ratio Lower Upper
152 100
115 60.1 26.5 79.5
150 159.3 0.0 341.6

