

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074122.D
 Acq On : 17 Aug 2022 14:14
 Operator : VA/SY
 Sample : N4188-07
 Misc : 7.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S8

Quant Time: Aug 18 03:19:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	155596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	266838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	239436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	96610	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59209	51.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.620%
35) Dibromofluoromethane	7.902	113	78331	45.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.880%
50) Toluene-d8	10.332	98	179464	34.665	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.320%
62) 4-Bromofluorobenzene	12.620	95	80429	37.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.240%

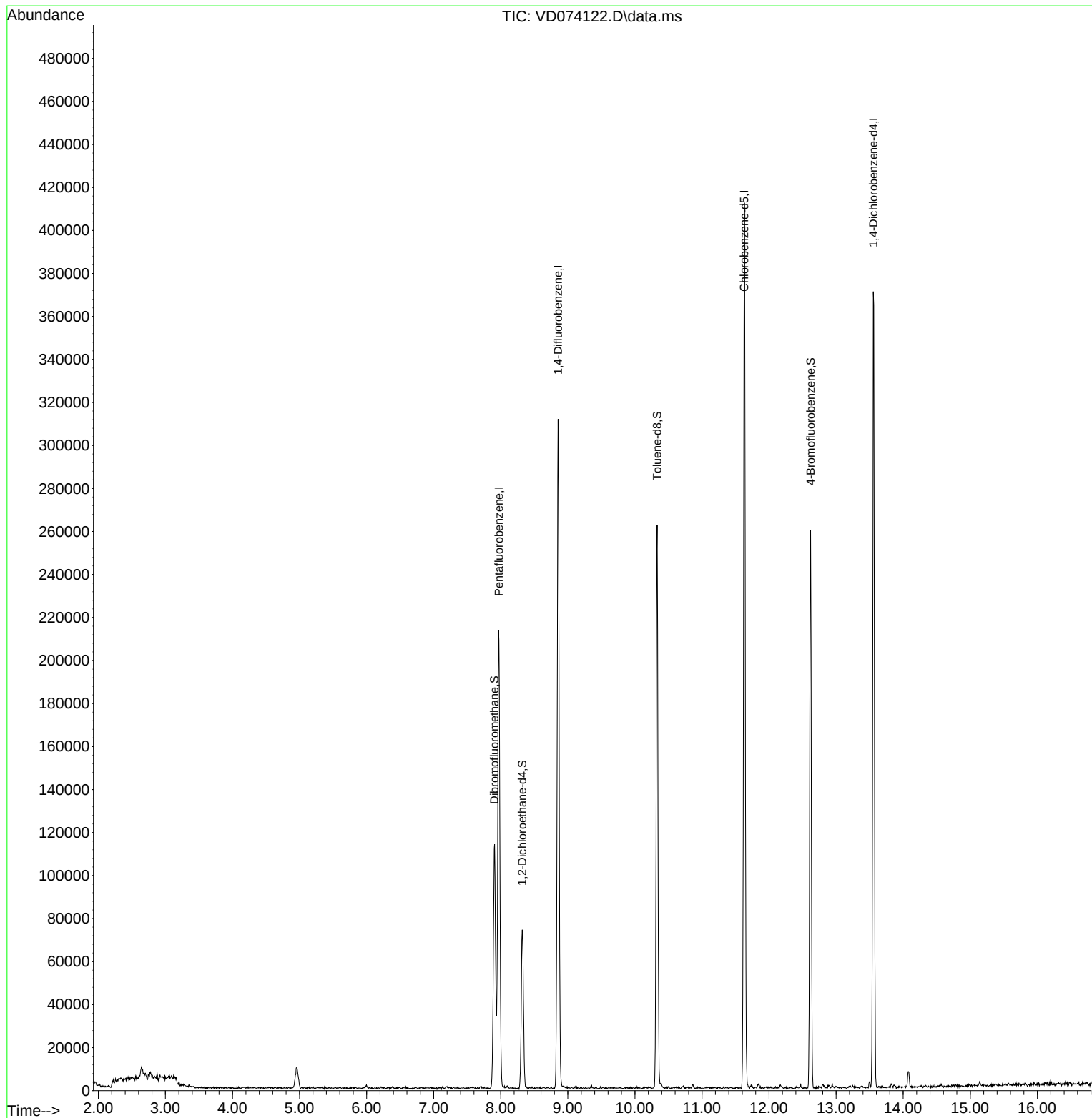
Target Compounds	Qvalue

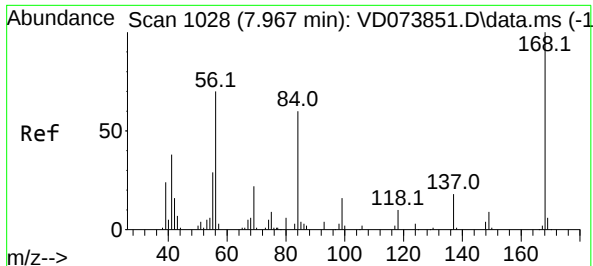
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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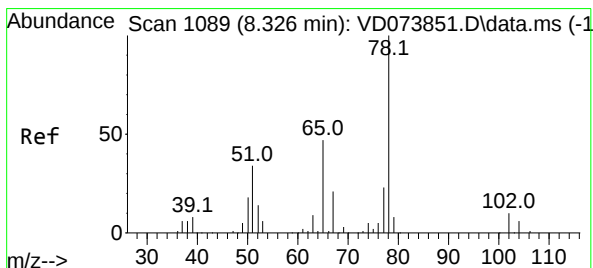
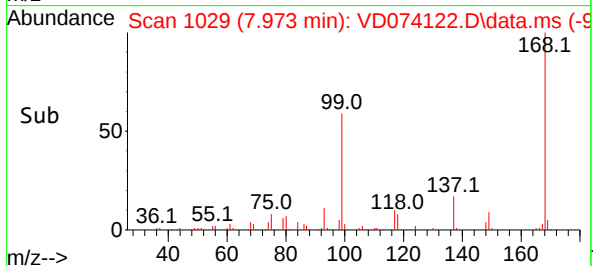
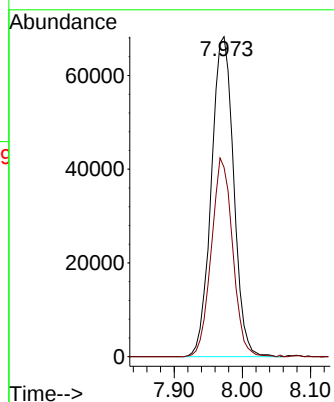
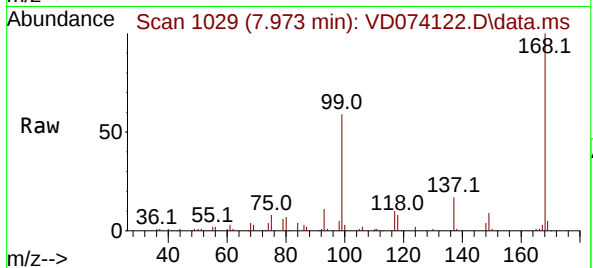




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

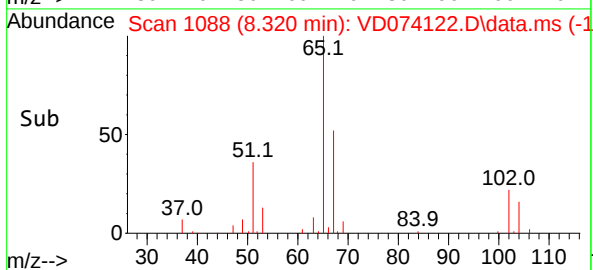
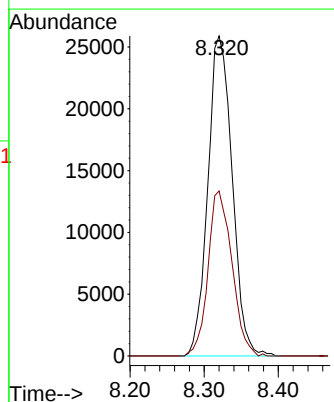
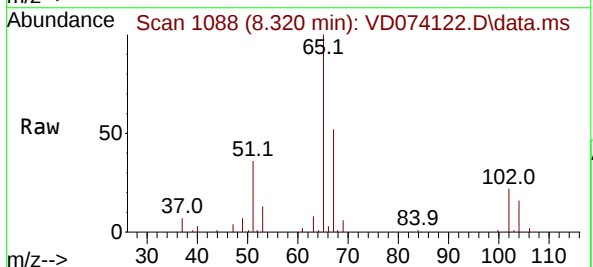
Instrument :
MSVOA_D
ClientSampleId :
S8

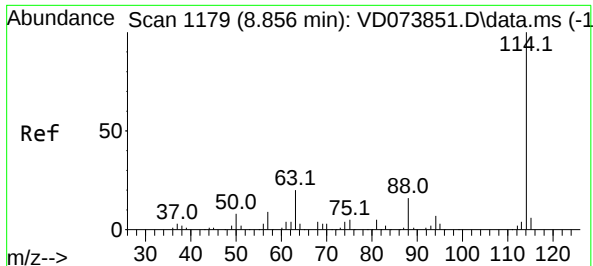
Tgt Ion:168 Resp: 155596
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.307 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Tgt Ion: 65 Resp: 59209
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.4

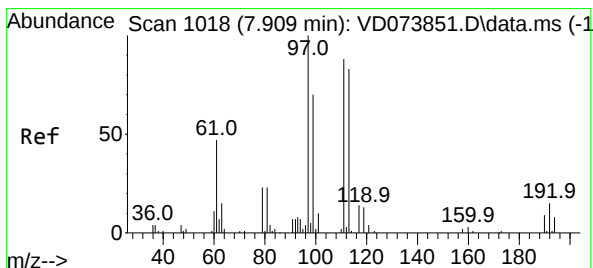
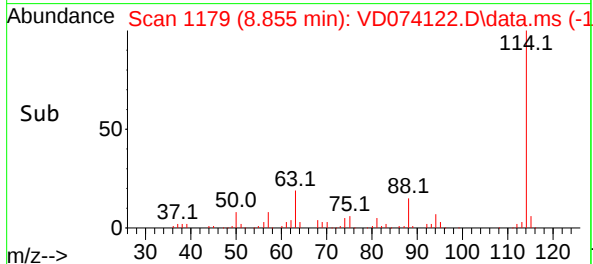
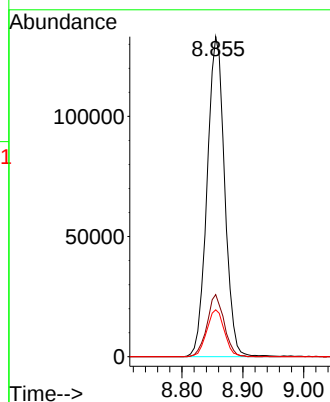
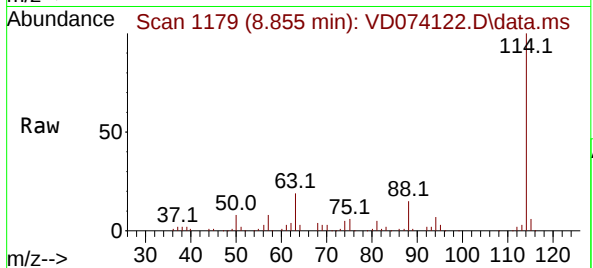




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

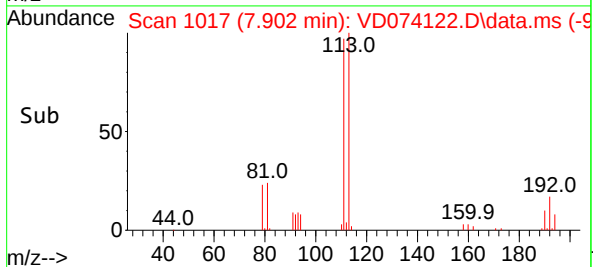
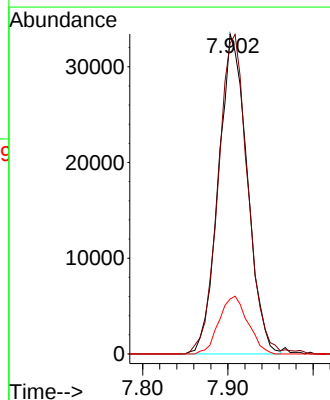
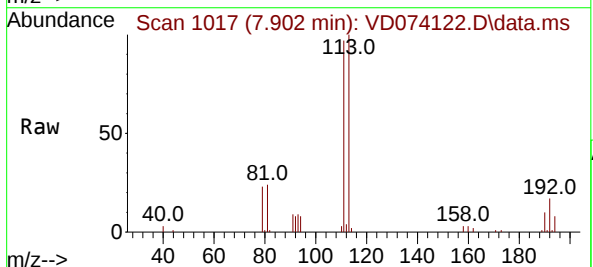
Instrument :
MSVOA_D
ClientSampleId :
S8

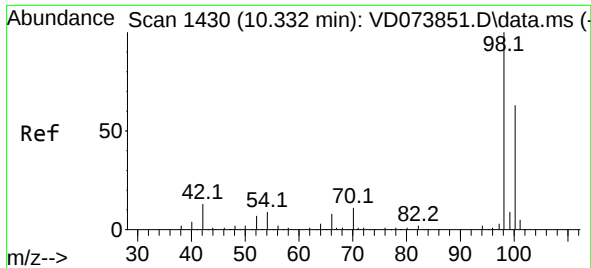
Tgt Ion:114 Resp: 266838
Ion Ratio Lower Upper
114 100
63 19.4 0.0 46.6
88 14.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.938 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.007 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Tgt Ion:113 Resp: 78331
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 18.0 14.6 21.8

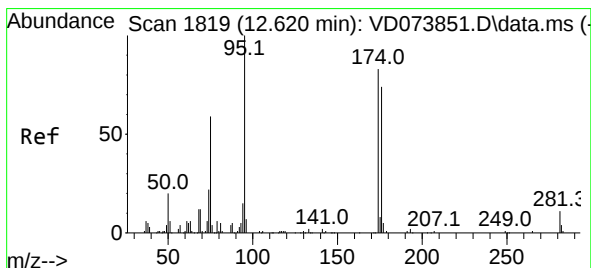
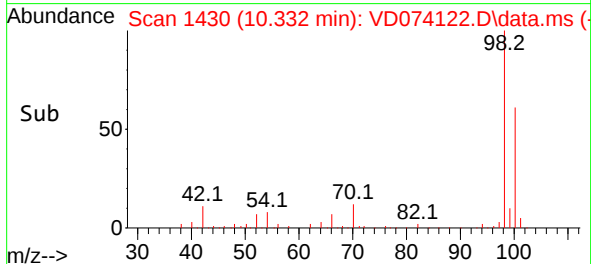
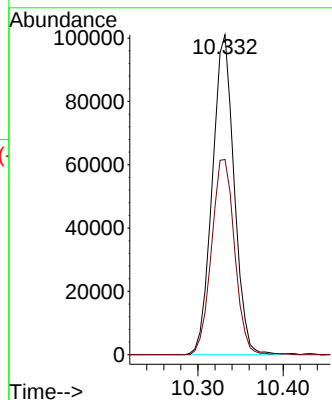
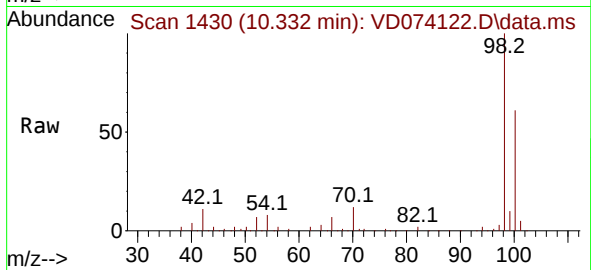




#50
Toluene-d8
Concen: 34.665 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

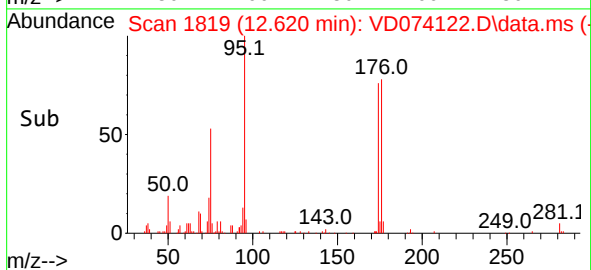
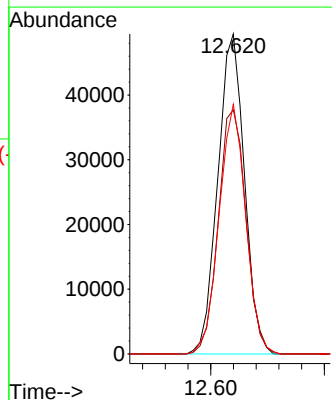
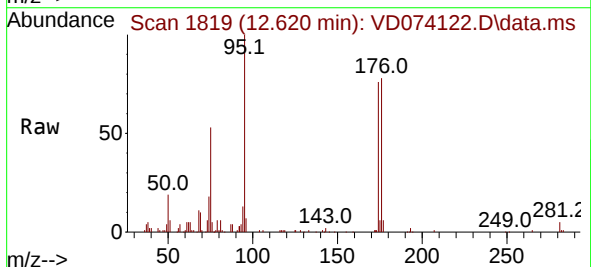
Instrument :
MSVOA_D
ClientSampleId :
S8

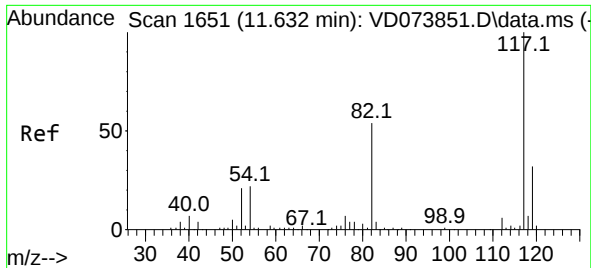
Tgt Ion: 98 Resp: 179464
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 37.621 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Tgt Ion: 95 Resp: 80429
Ion Ratio Lower Upper
95 100
174 79.3 0.0 152.8
176 77.8 0.0 145.4

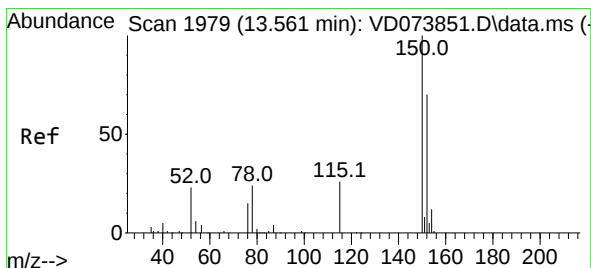
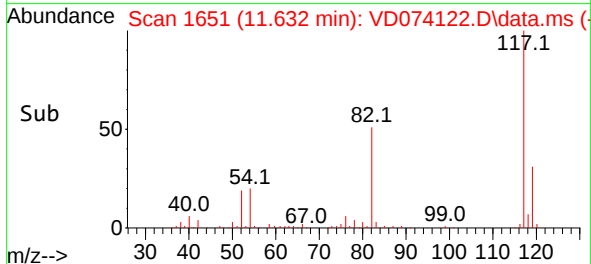
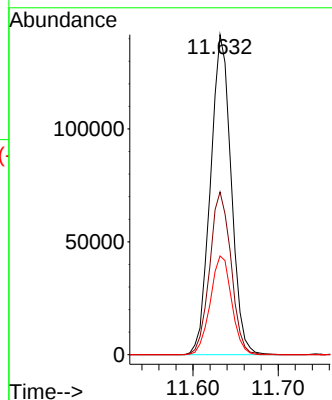
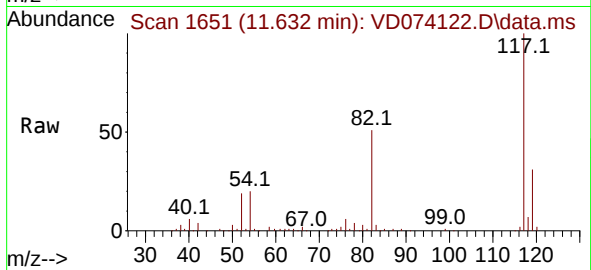




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Instrument :
MSVOA_D
ClientSampleId :
S8

Tgt Ion:117 Resp: 239436
Ion Ratio Lower Upper
117 100
82 50.8 45.3 67.9
119 30.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Tgt Ion:152 Resp: 96610
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 159.9 0.0 348.6

