

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074132.D
 Acq On : 17 Aug 2022 19:01
 Operator : VA/SY
 Sample : N4215-01
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Aug 18 03:23:12 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	102195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	180736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	154921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	53235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	47149	64.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.200%
35) Dibromofluoromethane	7.909	113	57119	49.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.332	98	119820	34.170	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	68.340%
62) 4-Bromofluorobenzene	12.620	95	49083	33.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.800%

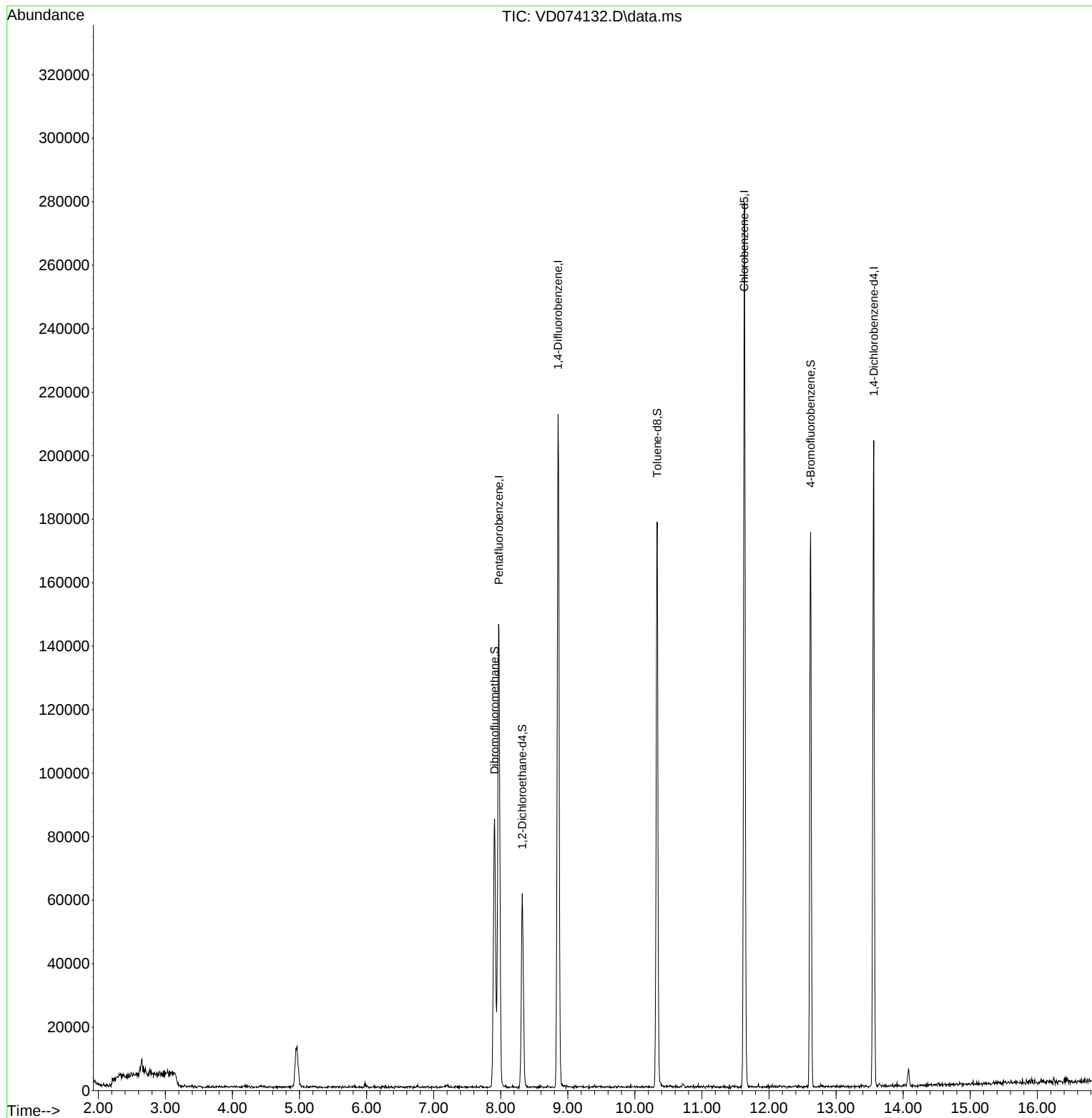
Target Compounds	Qvalue

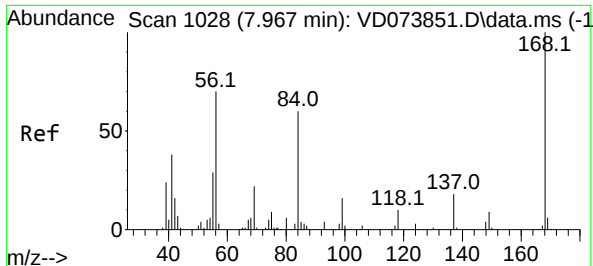
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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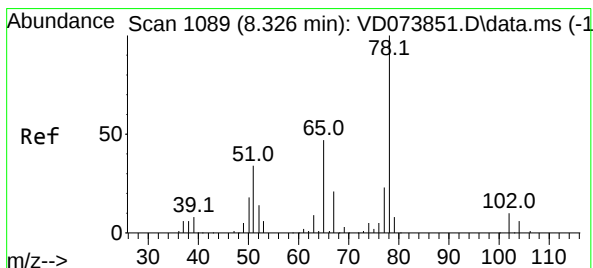
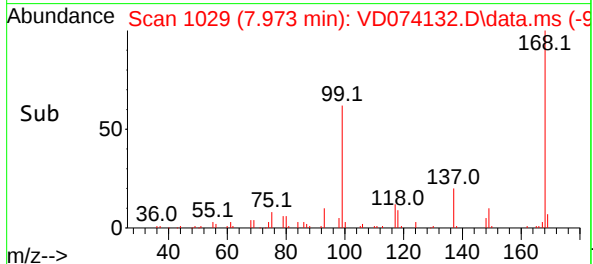
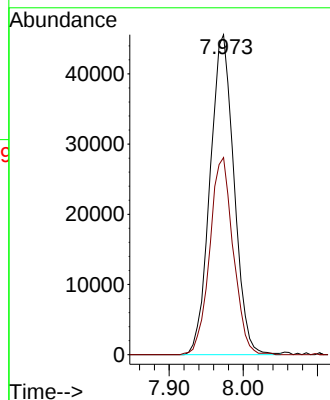
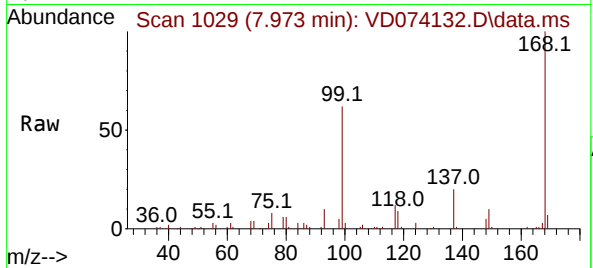




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

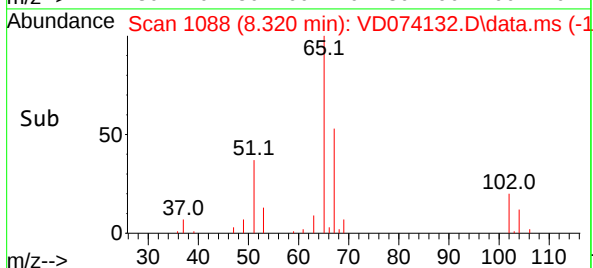
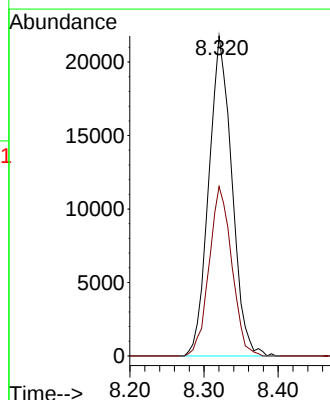
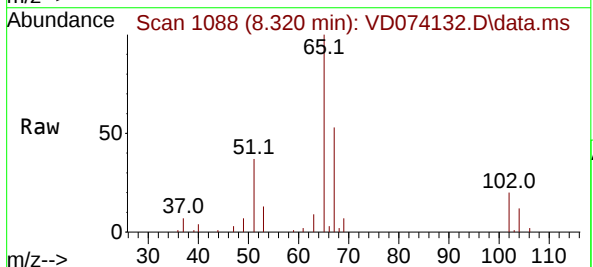
Instrument :
MSVOA_D
ClientSampleId :
WC-1

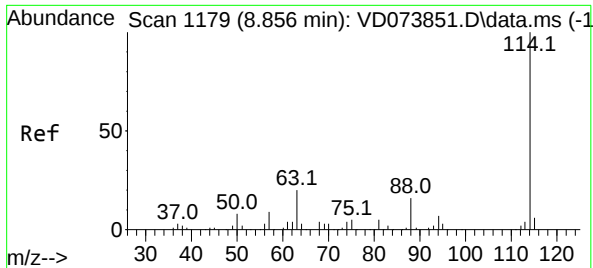
Tgt Ion:168 Resp: 102195
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 64.102 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

Tgt Ion: 65 Resp: 47149
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.4

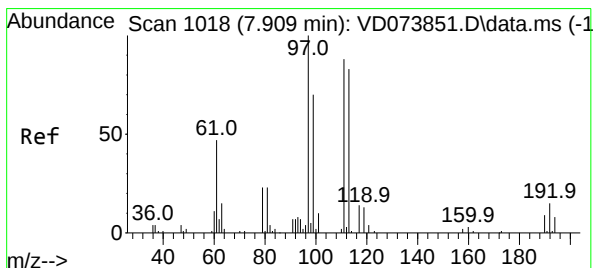
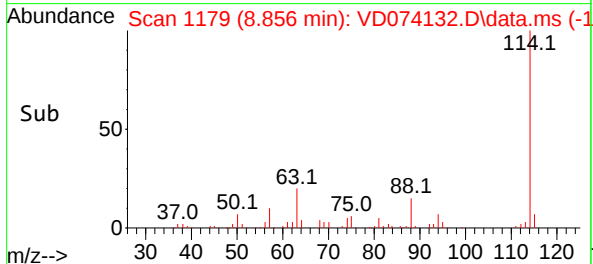
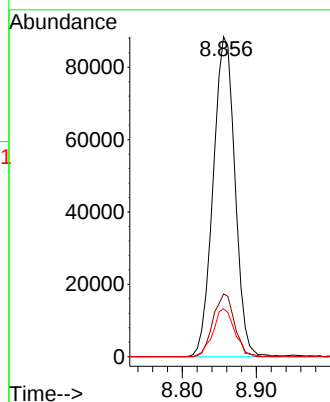
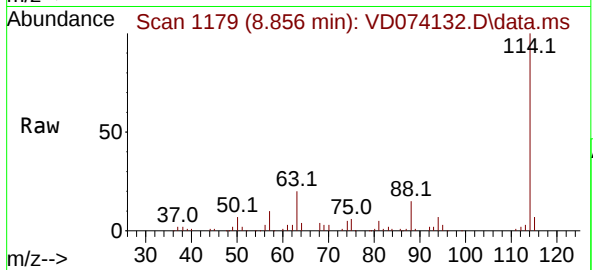




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

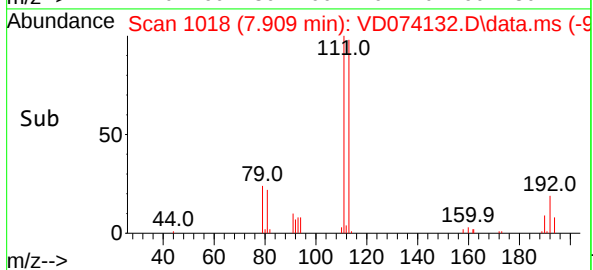
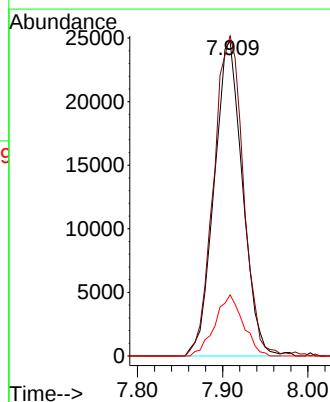
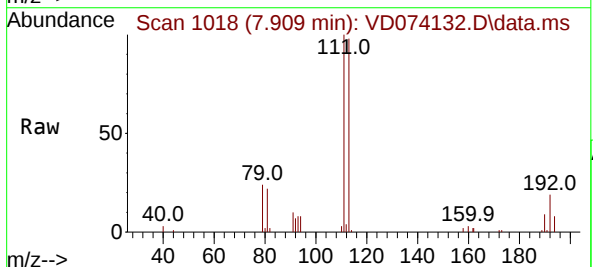
Instrument :
MSVOA_D
ClientSampleId :
WC-1

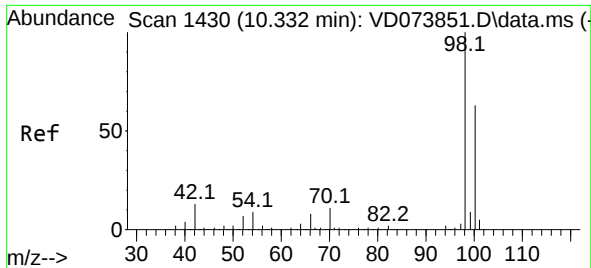
Tgt Ion:114 Resp: 180736
Ion Ratio Lower Upper
114 100
63 19.6 0.0 46.6
88 15.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.456 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

Tgt Ion:113 Resp: 57119
Ion Ratio Lower Upper
113 100
111 106.8 83.8 125.6
192 19.3 14.6 21.8

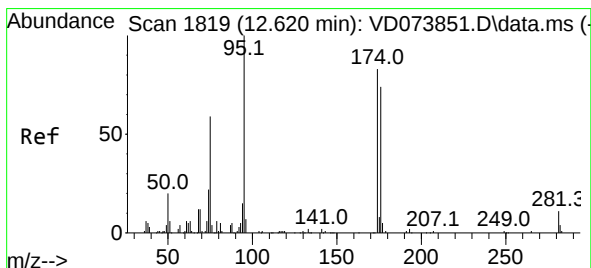
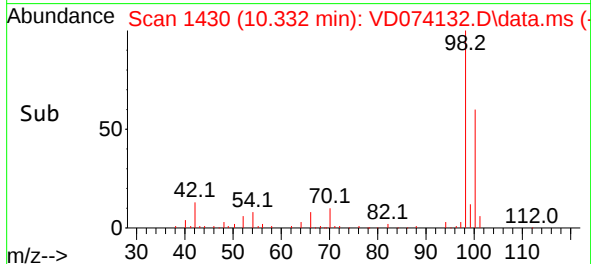
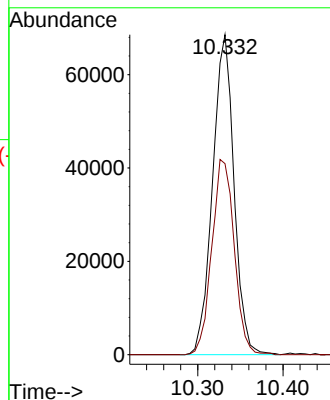
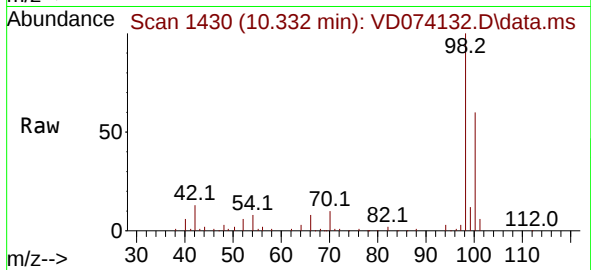




#50
Toluene-d8
Concen: 34.170 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

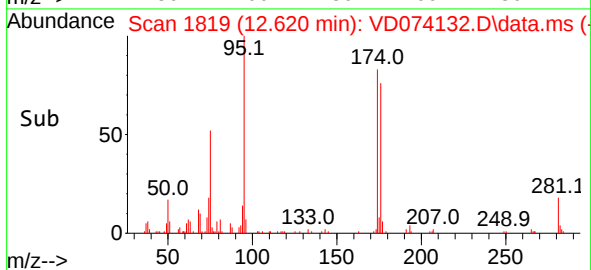
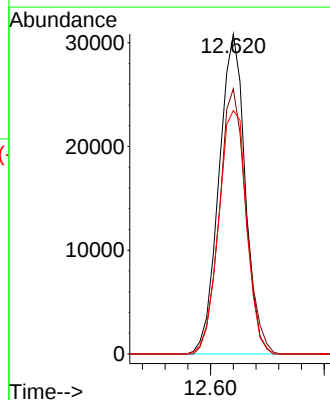
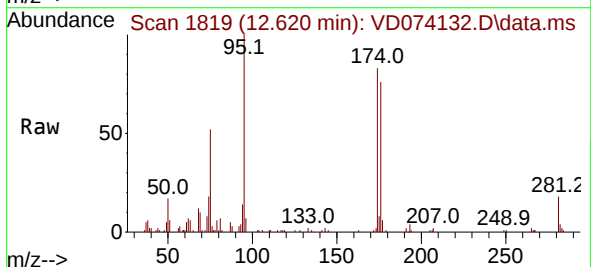
Instrument :
MSVOA_D
ClientSampleId :
WC-1

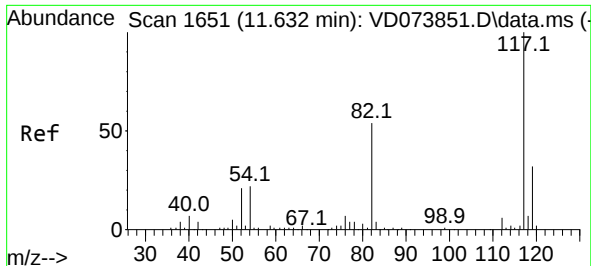
Tgt Ion: 98 Resp: 119820
Ion Ratio Lower Upper
98 100
100 63.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 33.896 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

Tgt Ion: 95 Resp: 49083
Ion Ratio Lower Upper
95 100
174 85.0 0.0 152.8
176 81.3 0.0 145.4

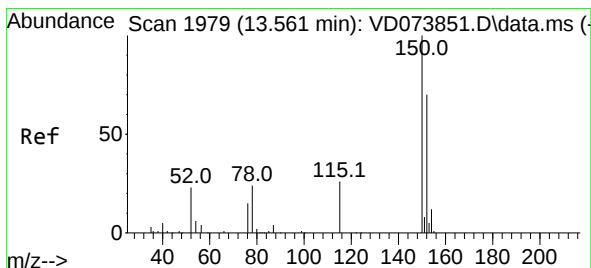
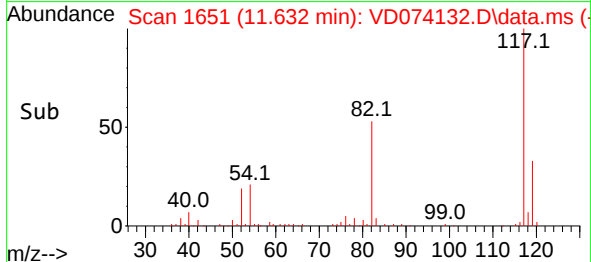
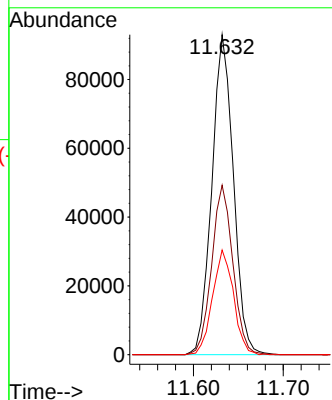
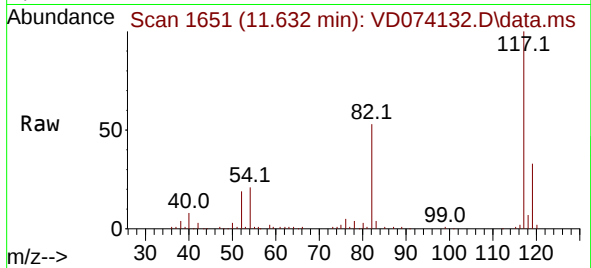




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 154921
Ion Ratio Lower Upper
117 100
82 52.9 45.3 67.9
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

Tgt Ion:152 Resp: 53235
Ion Ratio Lower Upper
152 100
115 58.4 31.3 93.8
150 155.4 0.0 348.6

