

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072562.D
 Acq On : 08 Apr 2022 16:28
 Operator : VA/SY
 Sample : N2317-11
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NORTH-4

Quant Time: Apr 09 00:36:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	58721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	103462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	106065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	48682	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	53453	75.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.500%
35) Dibromofluoromethane	7.914	113	45470	56.551	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.100%
50) Toluene-d8	10.332	98	124345	44.490	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.980%
62) 4-Bromofluorobenzene	12.620	95	44642	40.898	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.800%

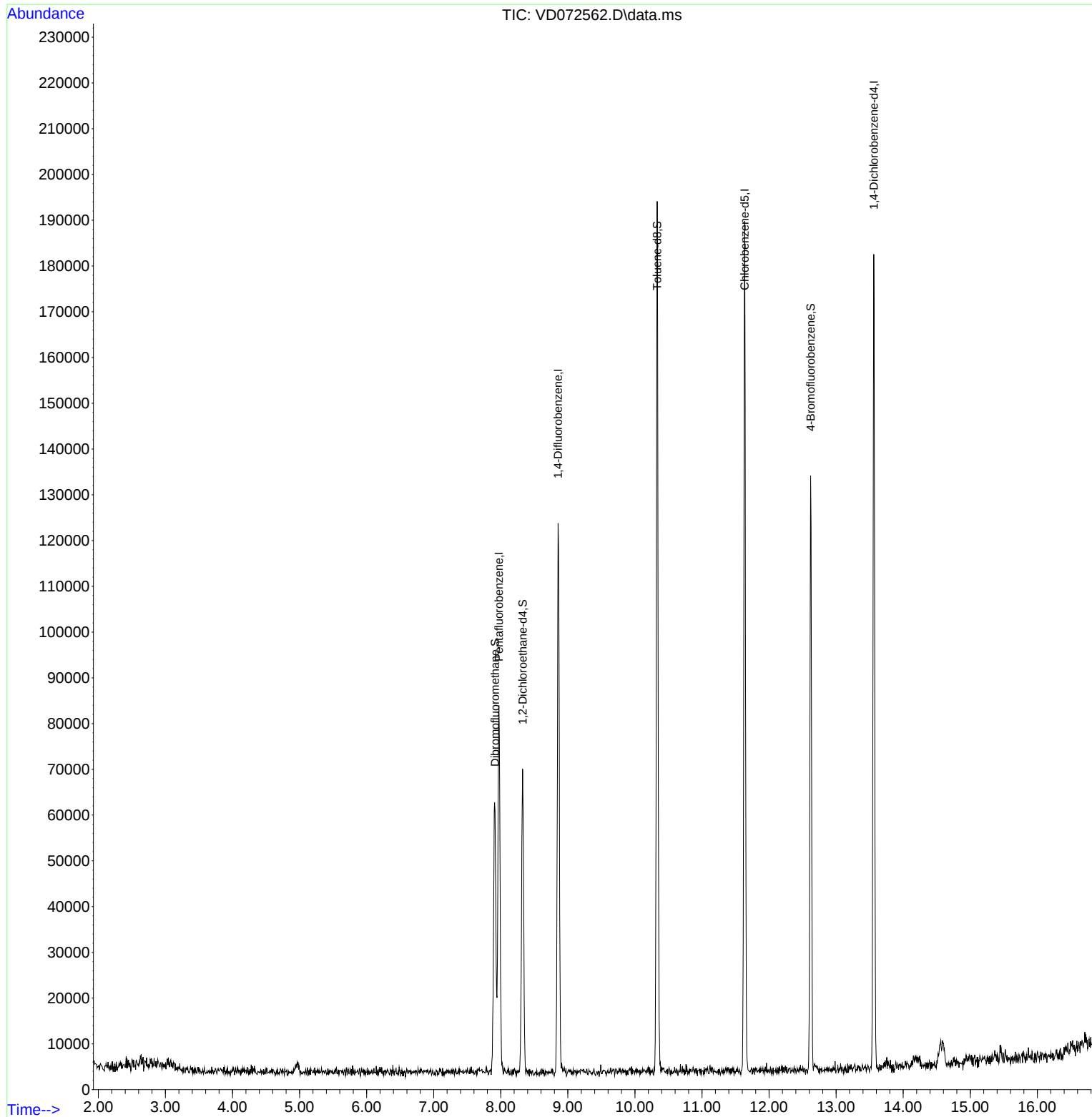
Target Compounds	Qvalue

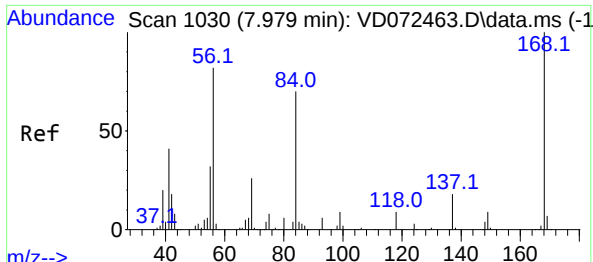
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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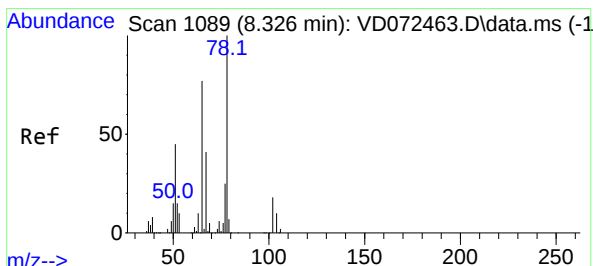
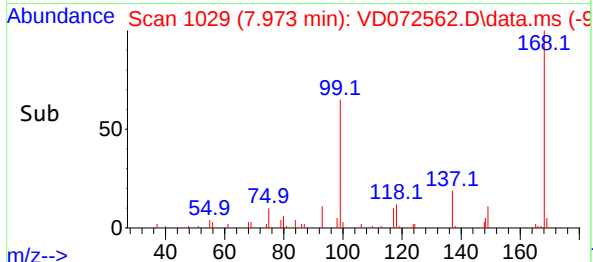
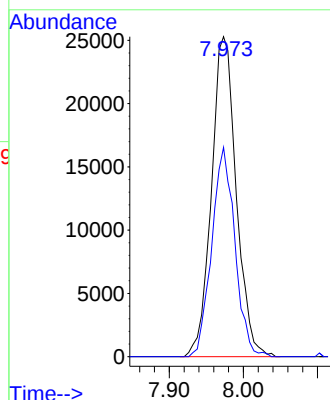
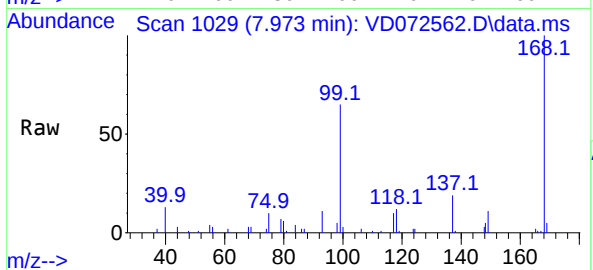




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072562.D
Acq: 08 Apr 2022 16:28

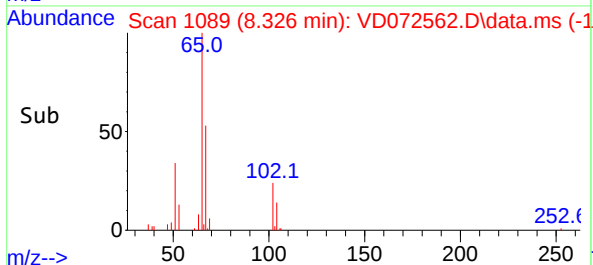
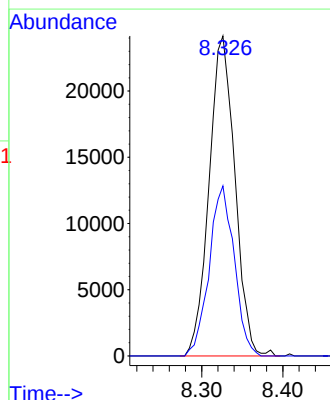
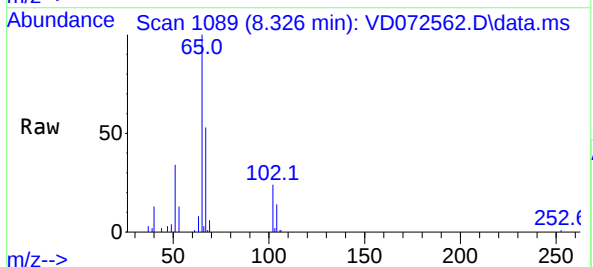
Instrument :
MSVOA_D
ClientSampleId :
NORTH-4

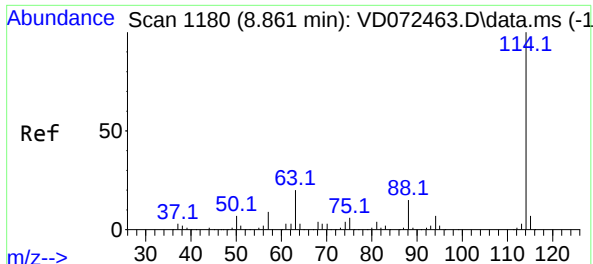
Tgt Ion:168 Resp: 58721
Ion Ratio Lower Upper
168 100
99 65.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 75.249 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072562.D
Acq: 08 Apr 2022 16:28

Tgt Ion: 65 Resp: 53453
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4

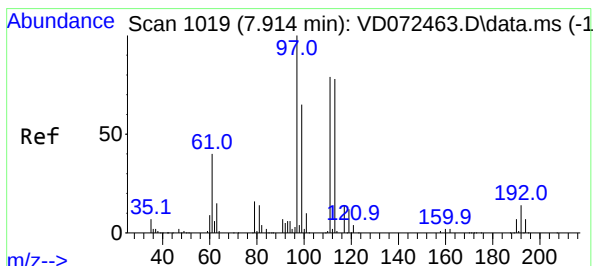
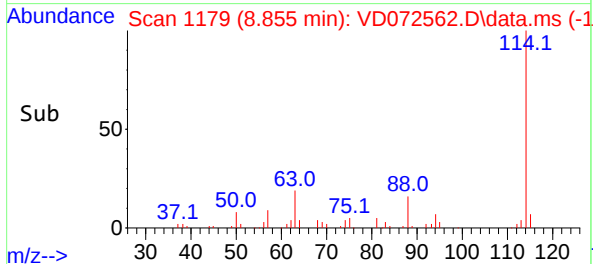
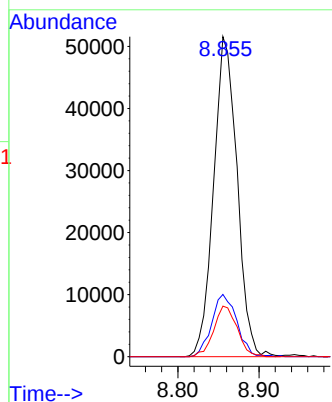
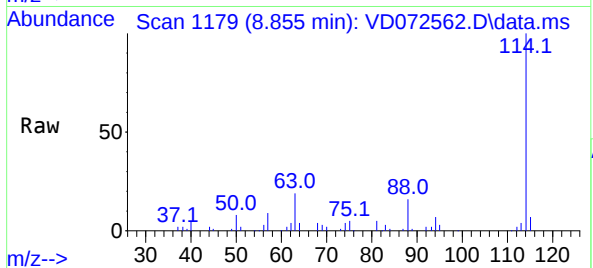




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072562.D
Acq: 08 Apr 2022 16:28

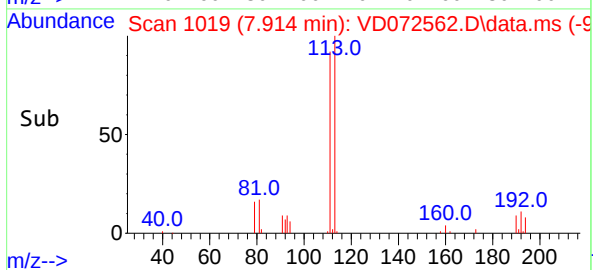
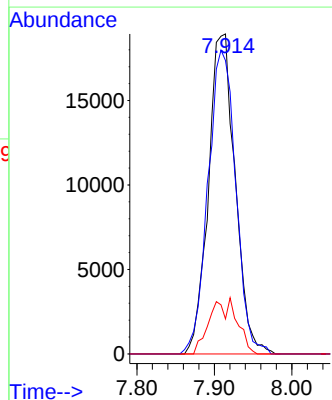
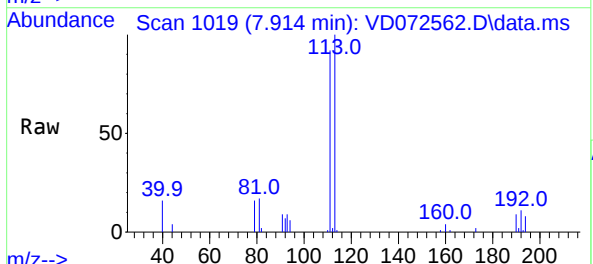
Instrument :
MSVOA_D
ClientSampleId :
NORTH-4

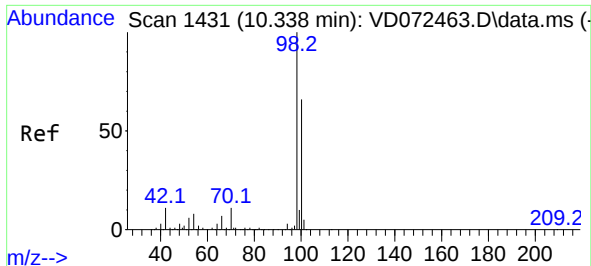
Tgt Ion:114 Resp: 103462
Ion Ratio Lower Upper
114 100
63 19.5 0.0 46.6
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 56.551 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072562.D
Acq: 08 Apr 2022 16:28

Tgt Ion:113 Resp: 45470
Ion Ratio Lower Upper
113 100
111 98.3 83.8 125.6
192 10.7 14.6 21.8#

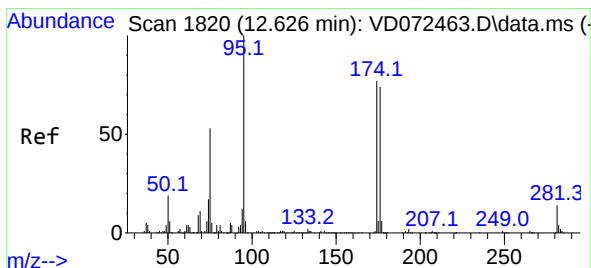
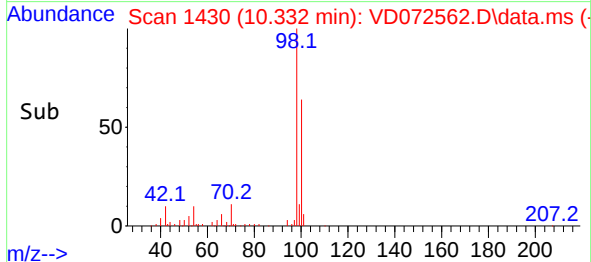
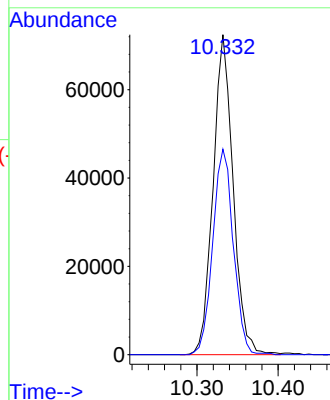
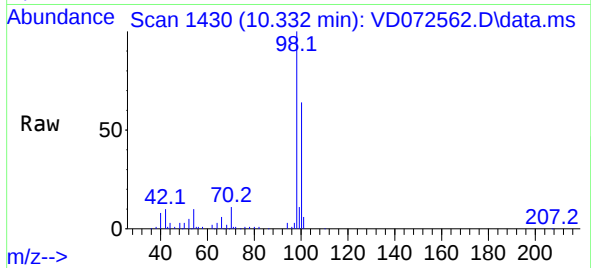




#50
Toluene-d8
Concen: 44.490 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072562.D
Acq: 08 Apr 2022 16:28

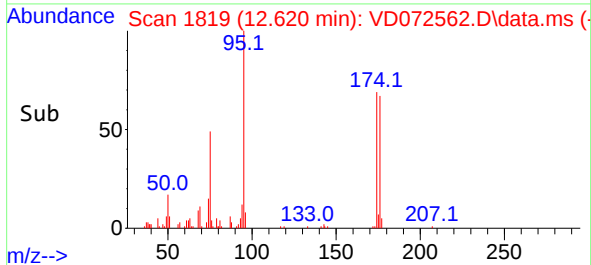
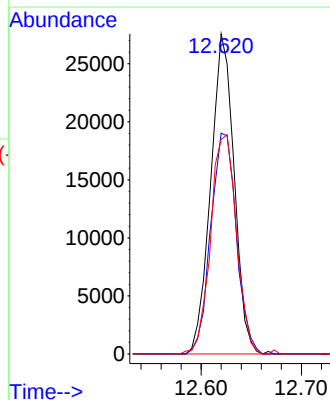
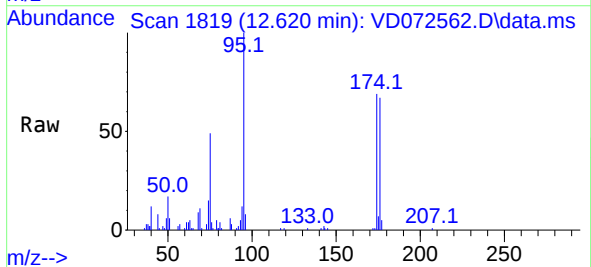
Instrument :
MSVOA_D
ClientSampleId :
NORTH-4

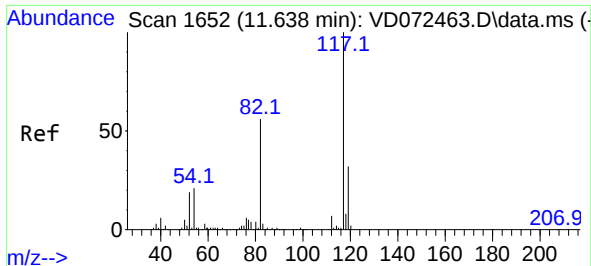
Tgt Ion: 98 Resp: 124345
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.898 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072562.D
Acq: 08 Apr 2022 16:28

Tgt Ion: 95 Resp: 44642
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 75.3 0.0 145.4

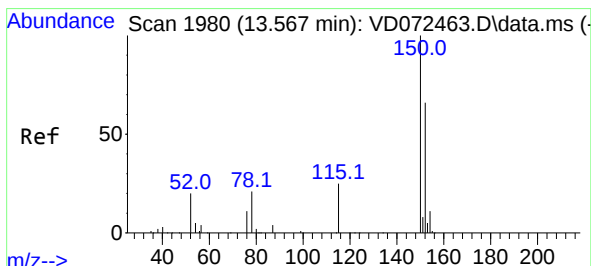
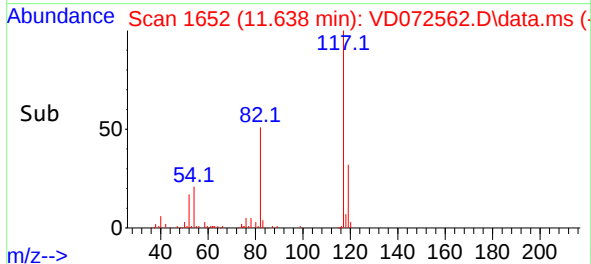
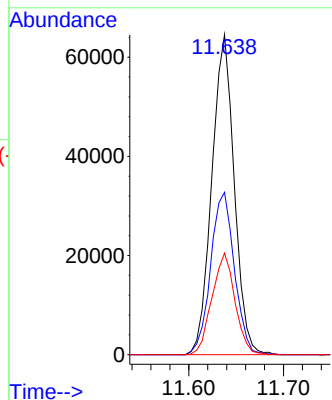
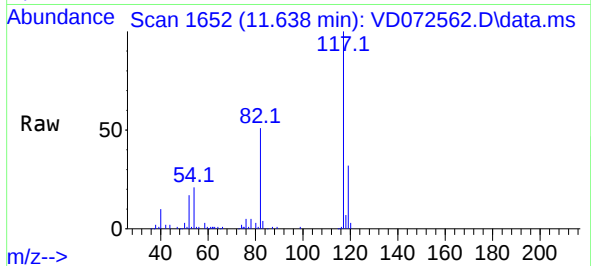




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072562.D
Acq: 08 Apr 2022 16:28

Instrument :
MSVOA_D
ClientSampleId :
NORTH-4

Tgt Ion:117 Resp: 106065
Ion Ratio Lower Upper
117 100
82 50.8 45.3 67.9
119 31.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072562.D
Acq: 08 Apr 2022 16:28

Tgt Ion:152 Resp: 48682
Ion Ratio Lower Upper
152 100
115 56.1 31.3 93.8
150 152.7 0.0 348.6

