

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072563.D
 Acq On : 08 Apr 2022 16:56
 Operator : VA/SY
 Sample : N2317-13
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NORTH-5

Quant Time: Apr 09 00:36:46 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	460894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	844035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	782112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	338194	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	265144	47.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.120%
35) Dibromofluoromethane	7.908	113	281309	42.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.780%
50) Toluene-d8	10.332	98	1021395	44.797	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.600%
62) 4-Bromofluorobenzene	12.626	95	333960	37.504	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.000%

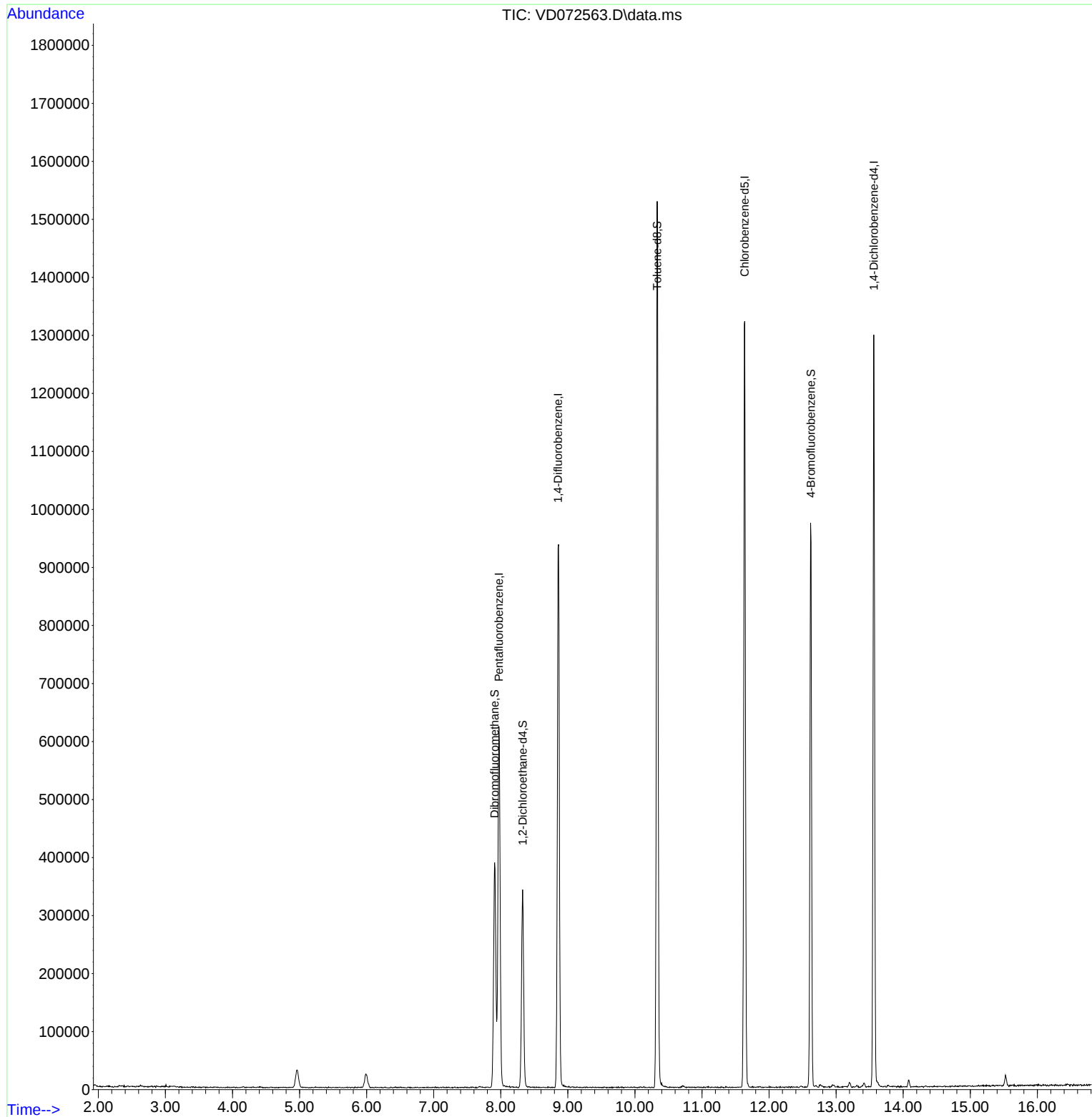
Target Compounds	Qvalue

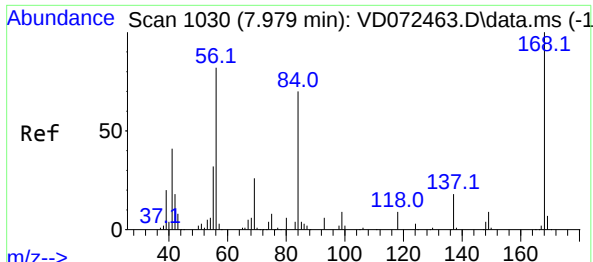
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072563.D

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MSVOA_D

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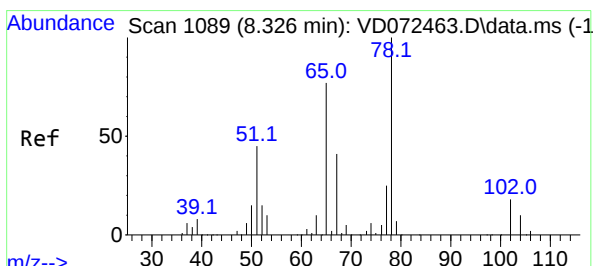
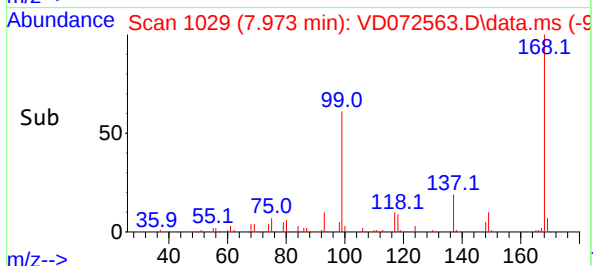
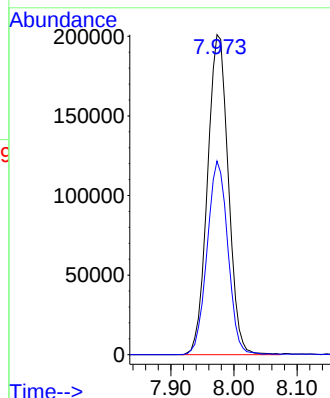
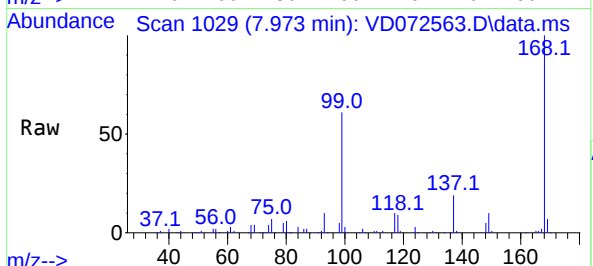
NORTH-5

Tgt Ion:168 Resp: 460894

Ion Ratio Lower Upper

168 100

99 60.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 47.556 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072563.D

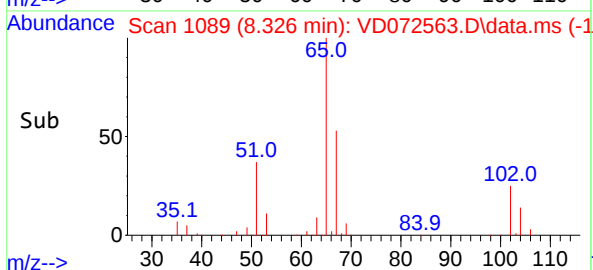
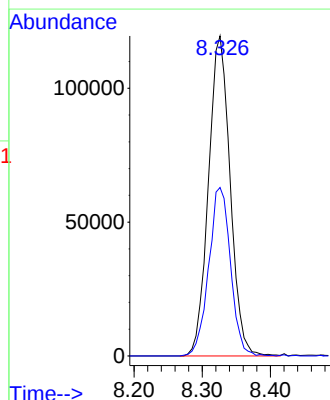
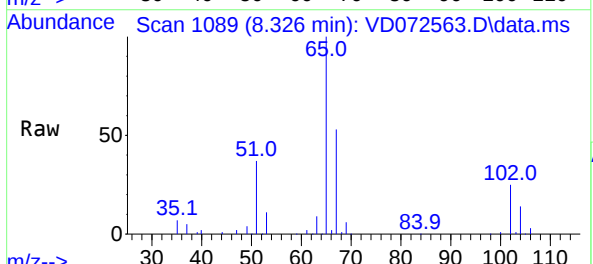
Acq: 08 Apr 2022 16:56

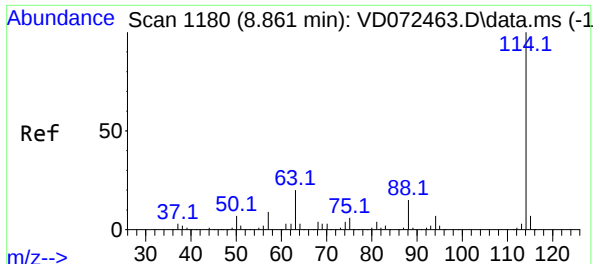
Tgt Ion: 65 Resp: 265144

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4

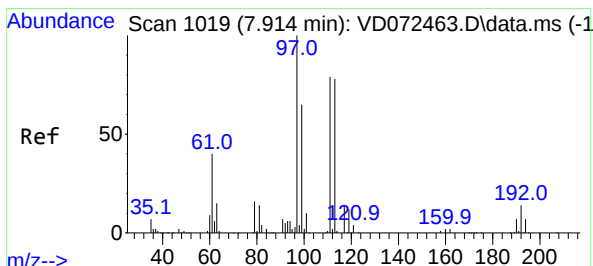
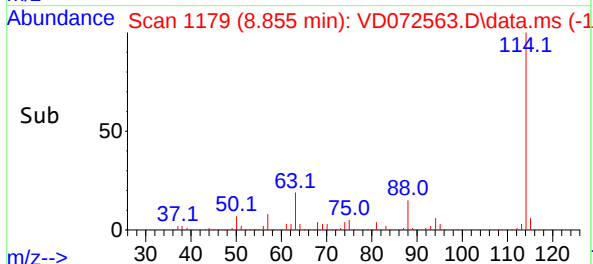
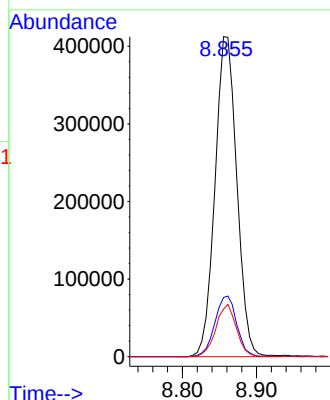
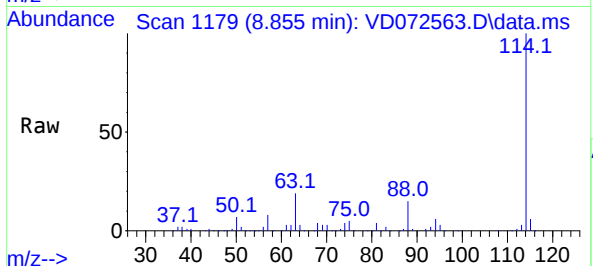




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072563.D
Acq: 08 Apr 2022 16:56

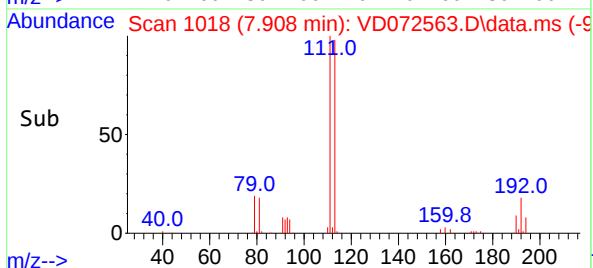
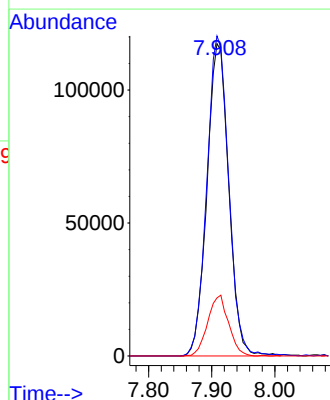
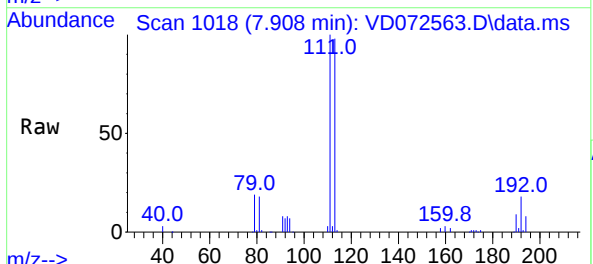
Instrument :
MSVOA_D
ClientSampleId :
NORTH-5

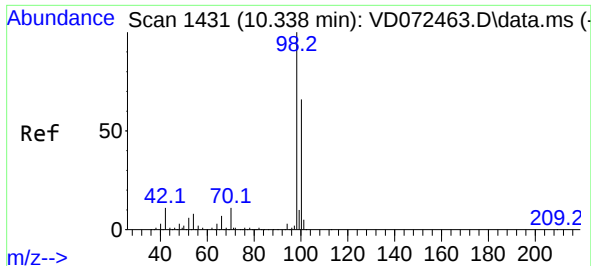
Tgt Ion:114 Resp: 844035
Ion Ratio Lower Upper
114 100
63 18.5 0.0 46.6
88 14.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 42.887 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072563.D
Acq: 08 Apr 2022 16:56

Tgt Ion:113 Resp: 281309
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 18.6 14.6 21.8

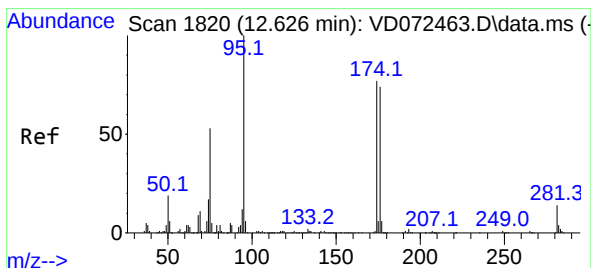
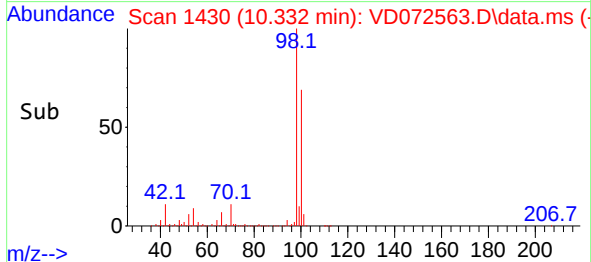
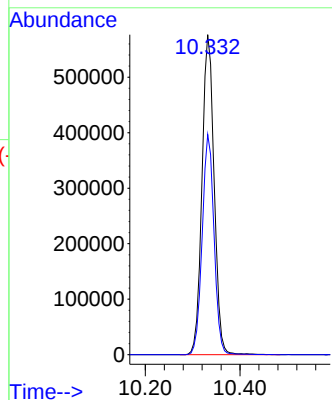
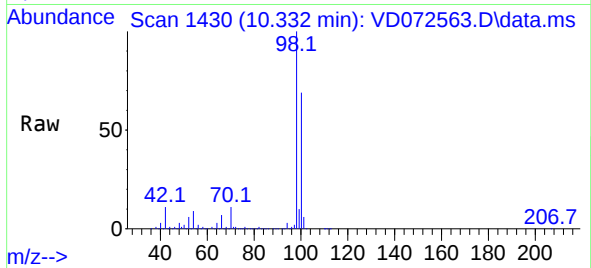




#50
Toluene-d8
Concen: 44.797 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072563.D
Acq: 08 Apr 2022 16:56

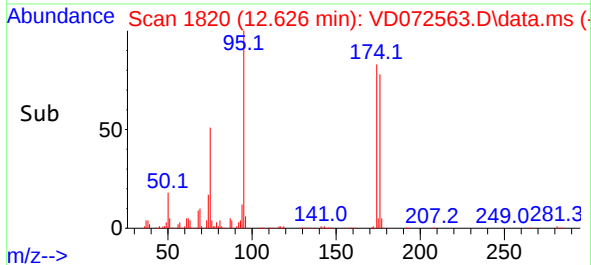
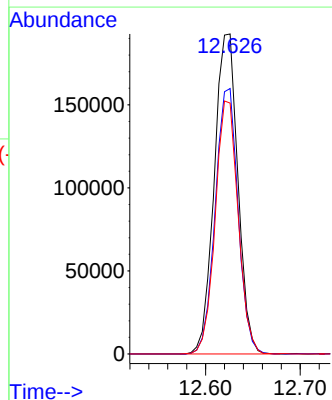
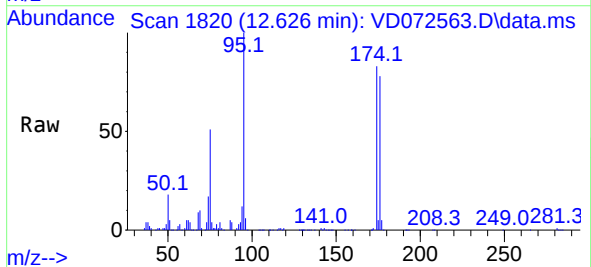
Instrument :
MSVOA_D
ClientSampleId :
NORTH-5

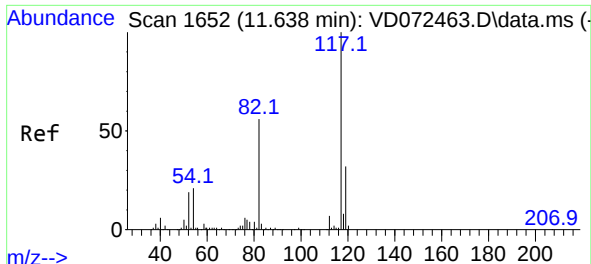
Tgt Ion: 98 Resp: 1021395
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 37.504 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072563.D
Acq: 08 Apr 2022 16:56

Tgt Ion: 95 Resp: 333960
Ion Ratio Lower Upper
95 100
174 80.2 0.0 152.8
176 76.6 0.0 145.4

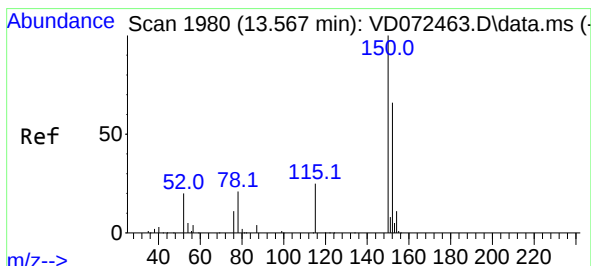
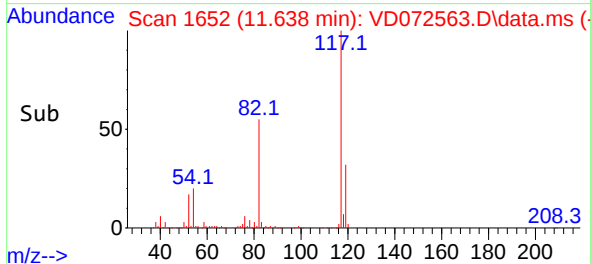
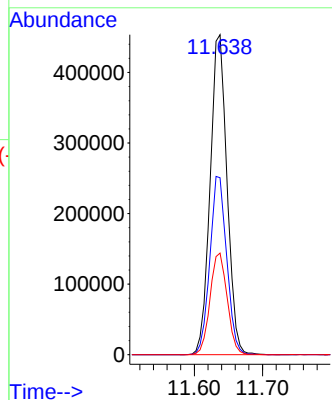
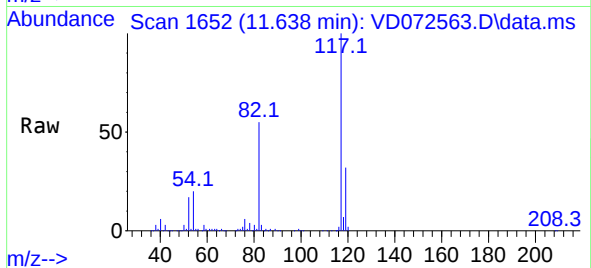




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072563.D
Acq: 08 Apr 2022 16:56

Instrument :
MSVOA_D
ClientSampleId :
NORTH-5

Tgt Ion:117 Resp: 782112
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 31.8 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: VD072563.D
Acq: 08 Apr 2022 16:56

Tgt Ion:152 Resp: 338194
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 158.9 0.0 348.6

