

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072558.D
 Acq On : 08 Apr 2022 14:01
 Operator : VA/SY
 Sample : N2317-09
 Misc : 5.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NORTH-3

Quant Time: Apr 09 00:35:45 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	375581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	691036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	667769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	309467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	252058	55.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.960%
35) Dibromofluoromethane	7.914	113	240333	44.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.500%
50) Toluene-d8	10.332	98	849107	45.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.620	95	312181	42.820	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.640%

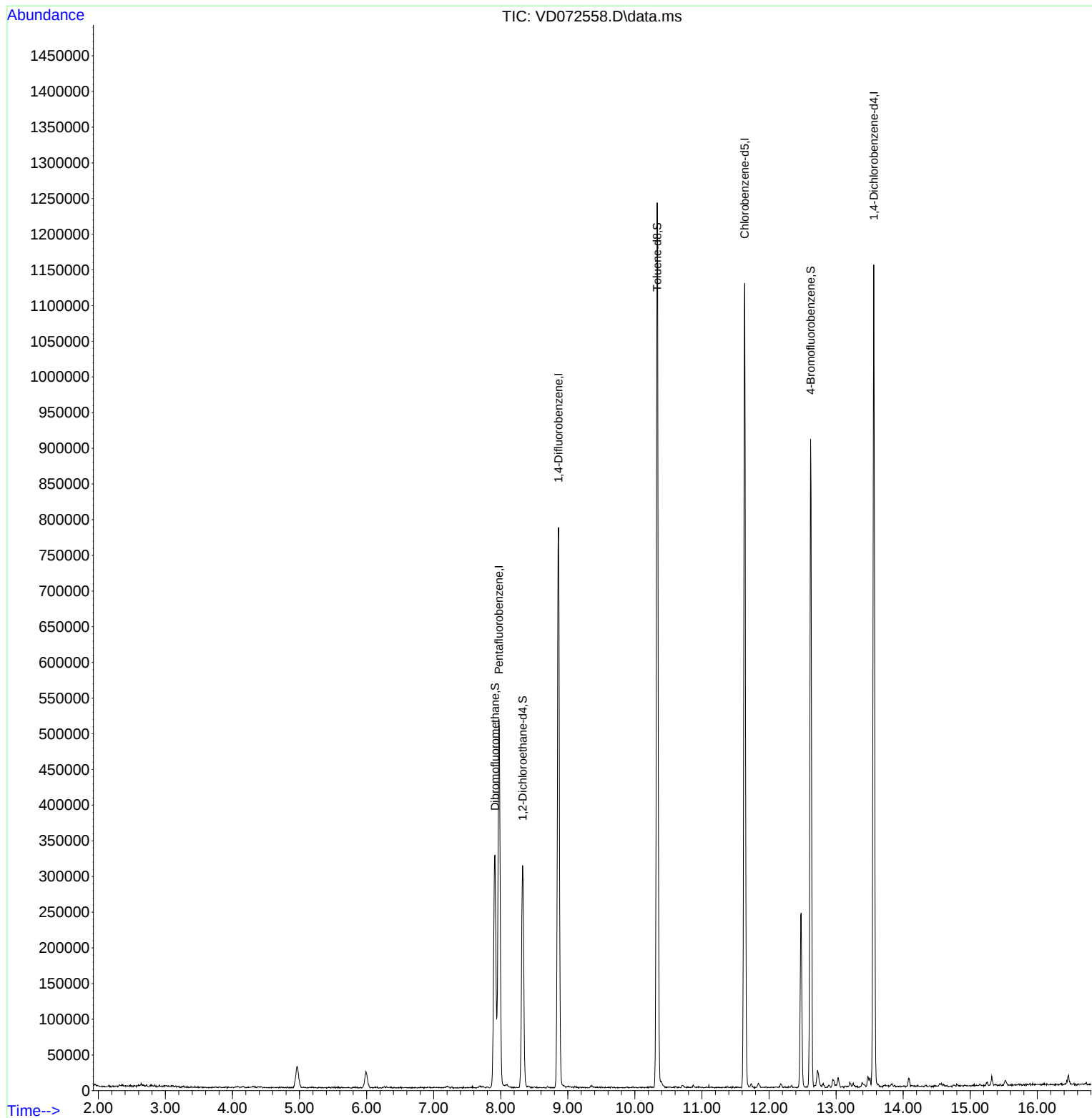
Target Compounds	Qvalue

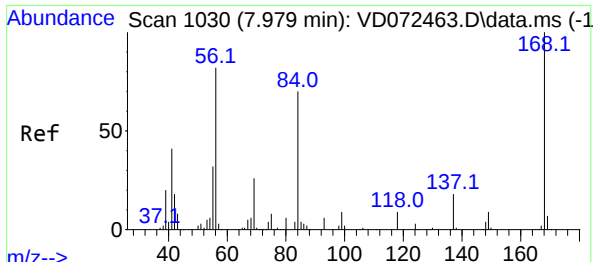
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072558.D

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Instrument :

MSVOA_D

ClientSampleId :

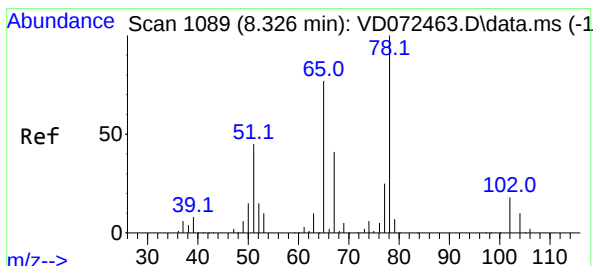
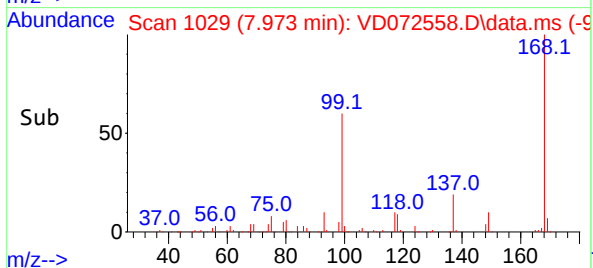
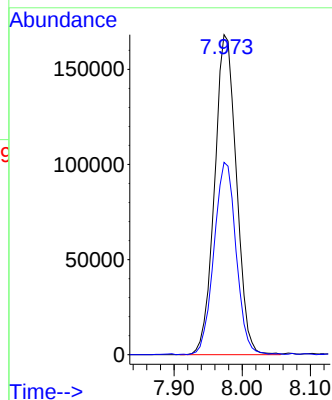
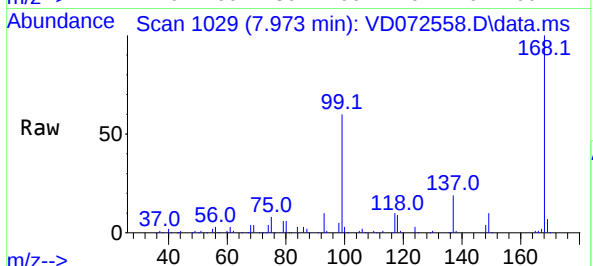
NORTH-3

Tgt Ion:168 Resp: 375581

Ion Ratio Lower Upper

168 100

99 60.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 55.478 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072558.D

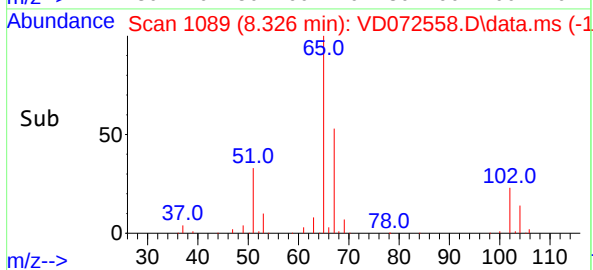
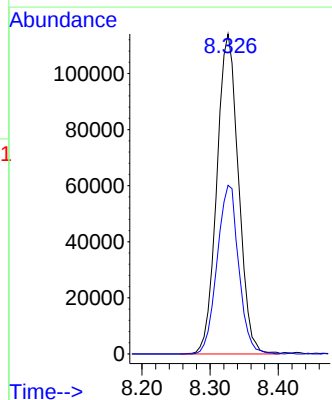
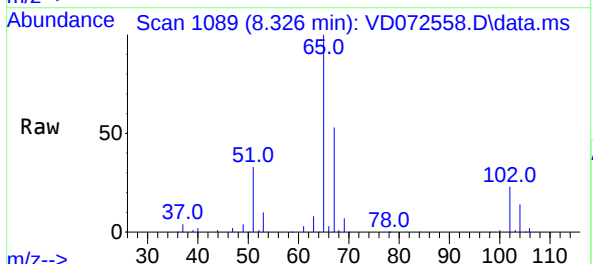
Acq: 08 Apr 2022 14:01

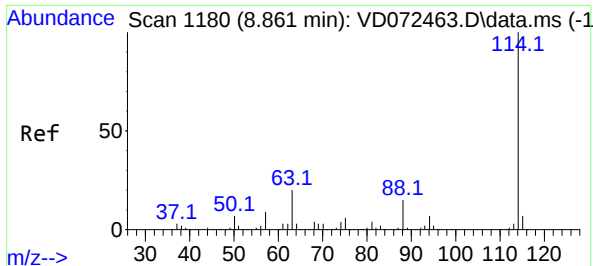
Tgt Ion: 65 Resp: 252058

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4



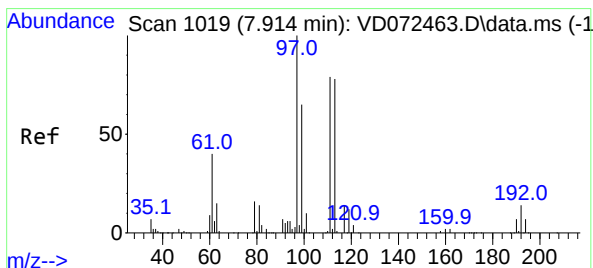
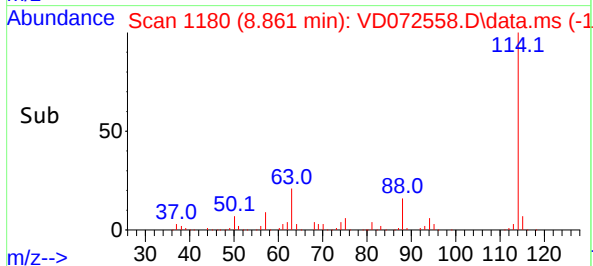
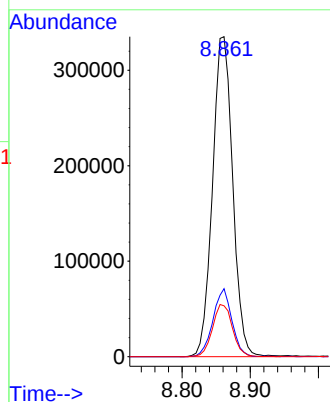
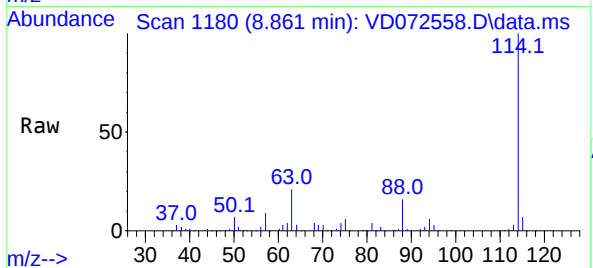


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072558.D
Acq: 08 Apr 2022 14:01

Instrument :
MSVOA_D
ClientSampleId :
NORTH-3

Tgt Ion:114 Resp: 691036

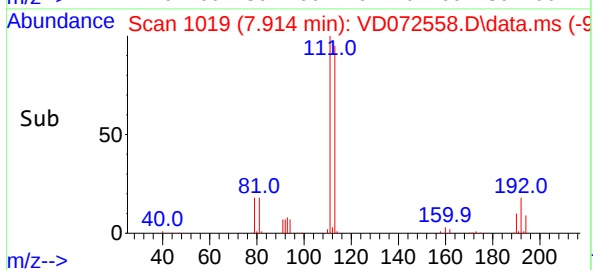
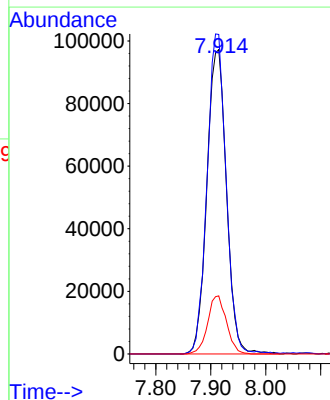
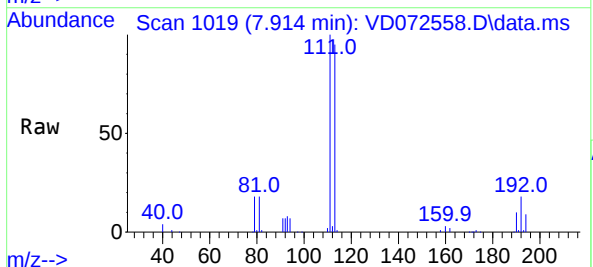
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	46.6
88	15.9	0.0	33.2



#35
Dibromofluoromethane
Concen: 44.752 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072558.D
Acq: 08 Apr 2022 14:01

Tgt Ion:113 Resp: 240333

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	18.3	14.6	21.8

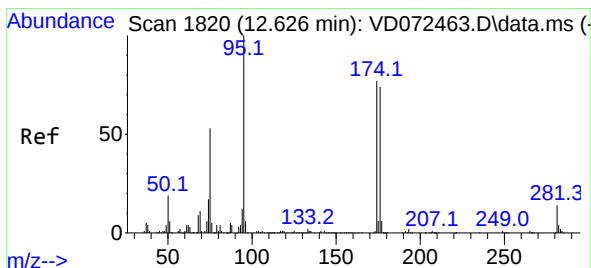
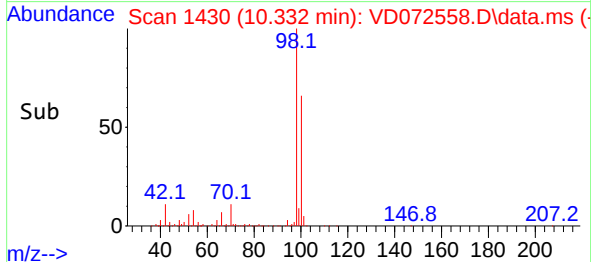
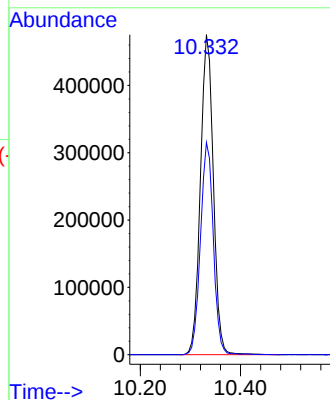
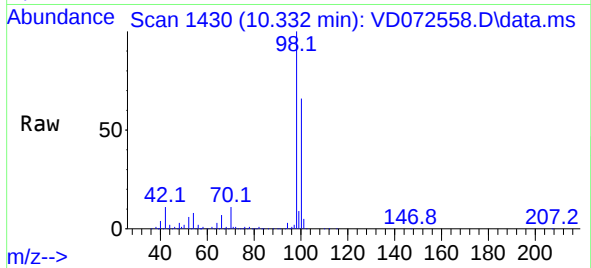




#50
Toluene-d8
Concen: 45.486 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD072558.D
Acq: 08 Apr 2022 14:01

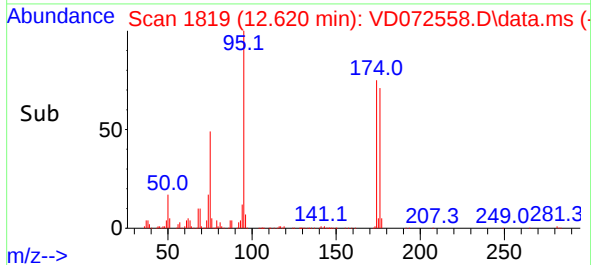
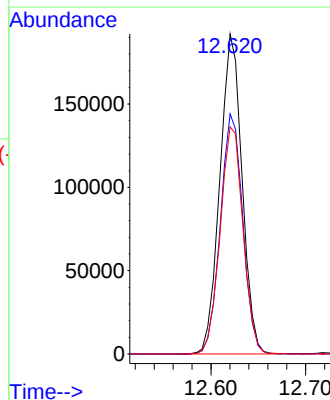
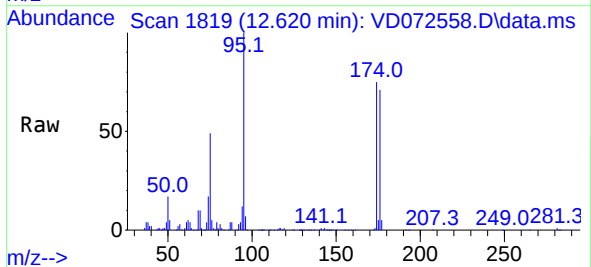
Instrument :
MSVOA_D
ClientSampleId :
NORTH-3

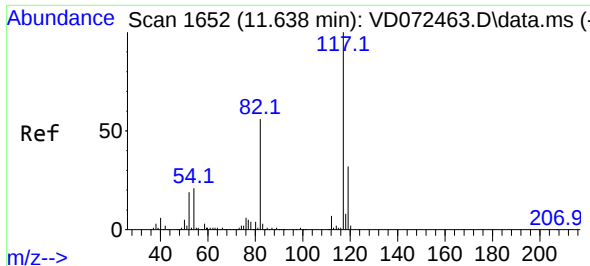
Tgt Ion: 98 Resp: 849107
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.820 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072558.D
Acq: 08 Apr 2022 14:01

Tgt Ion: 95 Resp: 312181
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 73.0 0.0 145.4



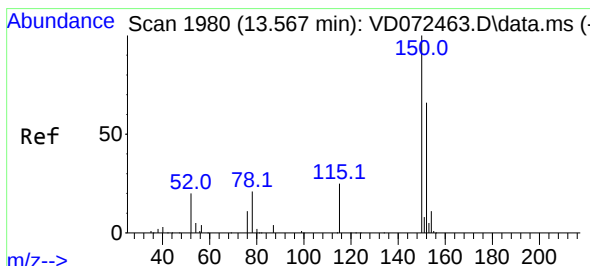
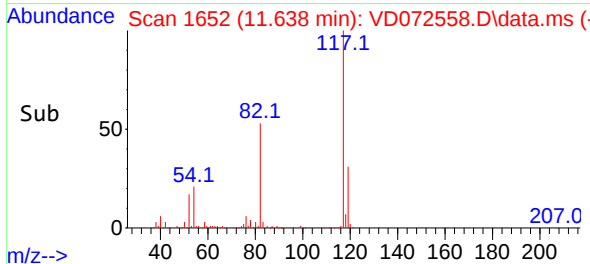
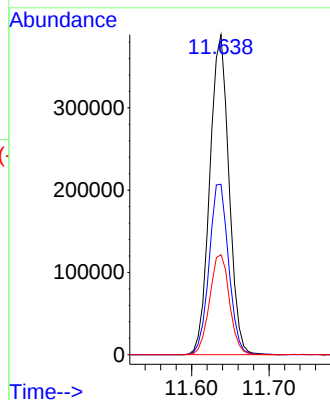
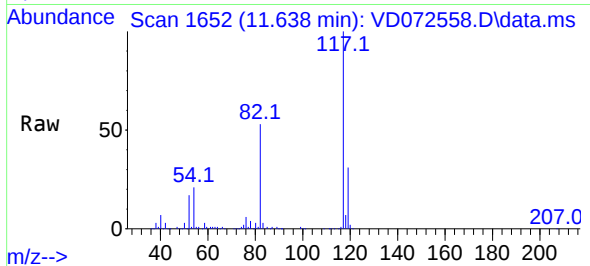


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072558.D
Acq: 08 Apr 2022 14:01

Instrument :
MSVOA_D
ClientSampleId :
NORTH-3

Tgt Ion:117 Resp: 667769

Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.3	67.9
119	31.2	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: VD072558.D
Acq: 08 Apr 2022 14:01

Tgt Ion:152 Resp: 309467

Ion	Ratio	Lower	Upper
152	100		
115	60.5	31.3	93.8
150	155.4	0.0	348.6

