

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072564.D
 Acq On : 08 Apr 2022 17:25
 Operator : VA/SY
 Sample : N2317-15
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NORTH-6

Quant Time: Apr 09 00:36:58 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	55403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	100827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	103126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	47523	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	51472	76.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.600%
35) Dibromofluoromethane	7.908	113	41972	53.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.140%
50) Toluene-d8	10.332	98	118604	43.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.080%
62) 4-Bromofluorobenzene	12.620	95	43290	40.696	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.400%

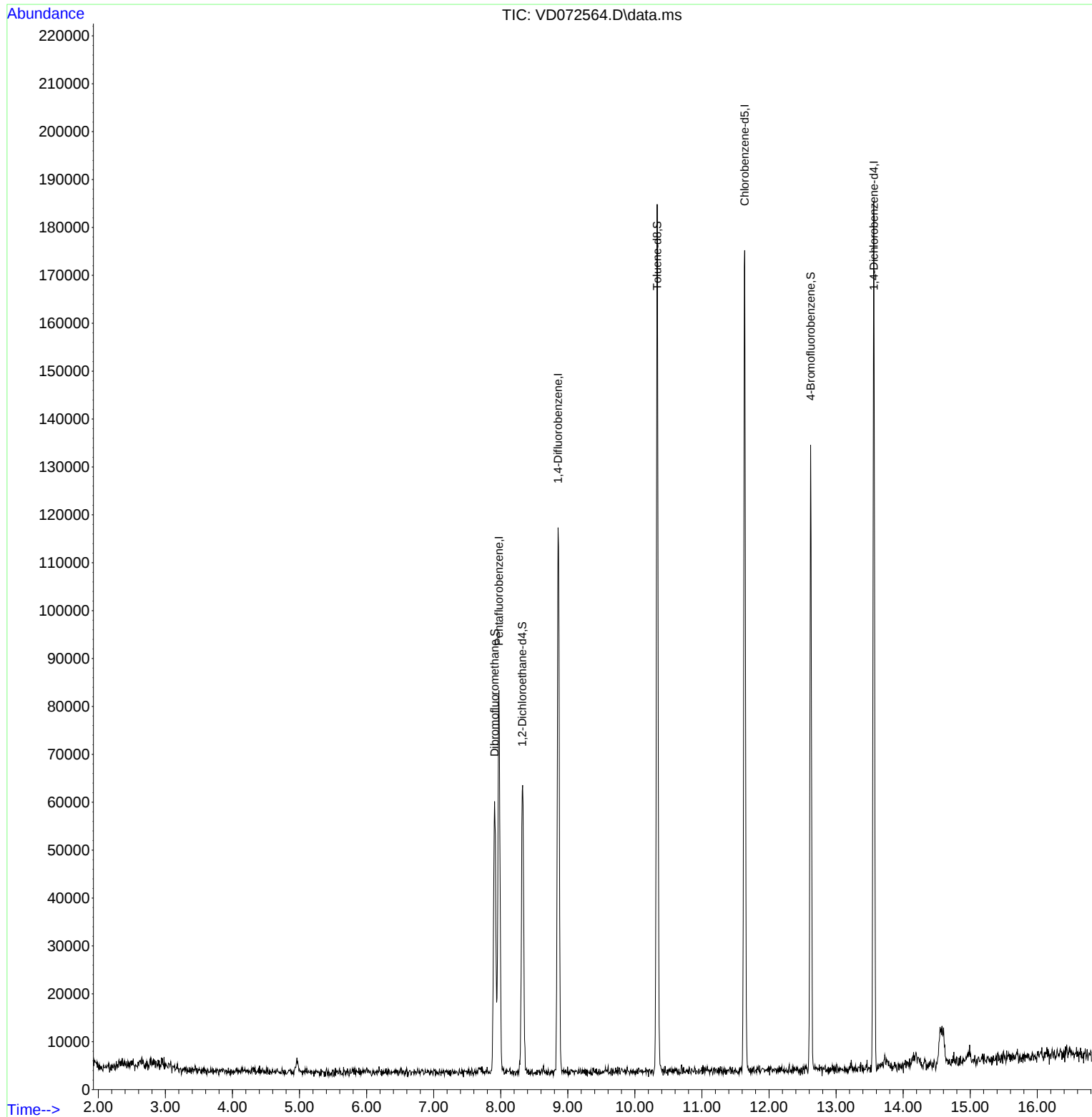
Target Compounds	Qvalue

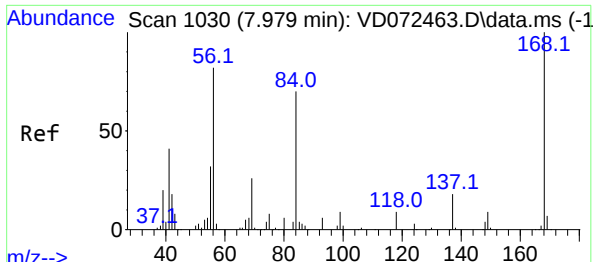
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD072564.D

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Instrument :

MSVOA_D

ClientSampleId :

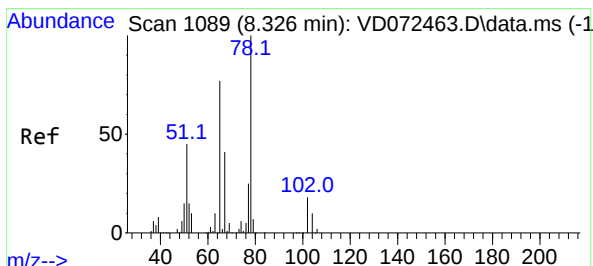
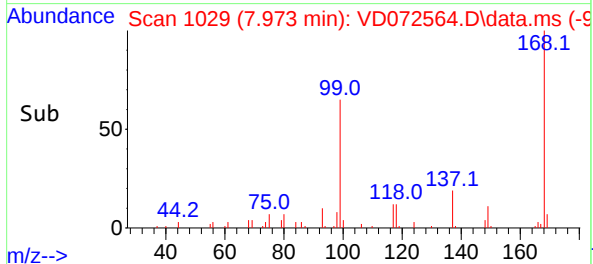
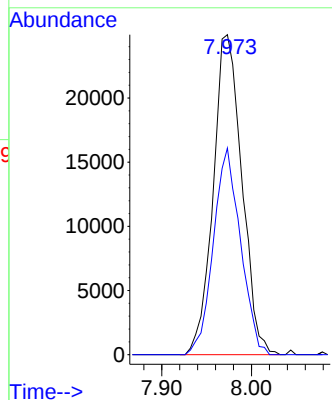
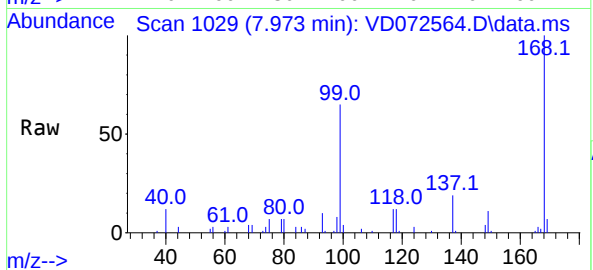
NORTH-6

Tgt Ion:168 Resp: 55403

Ion Ratio Lower Upper

168 100

99 64.6 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 76.800 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072564.D

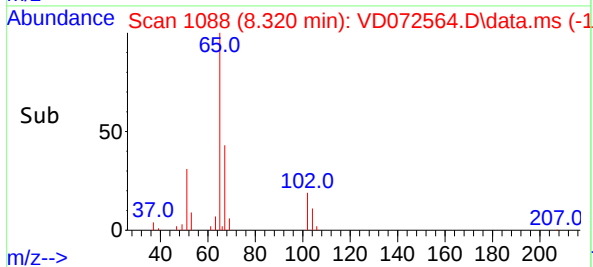
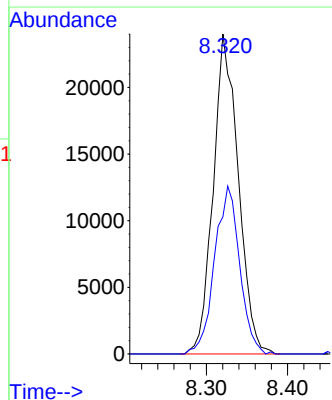
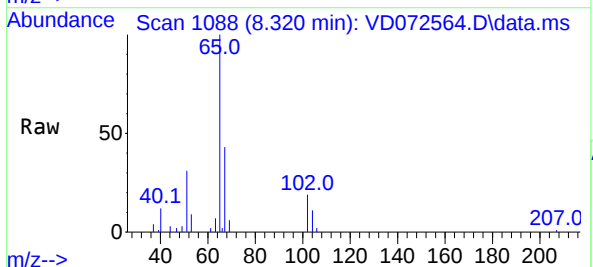
Acq: 08 Apr 2022 17:25

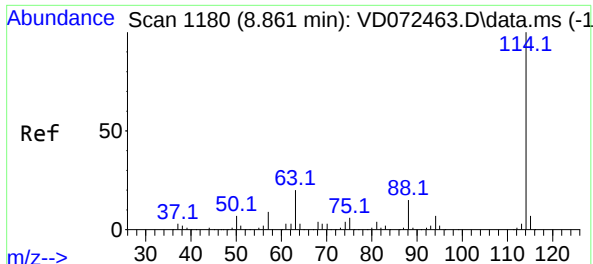
Tgt Ion: 65 Resp: 51472

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4

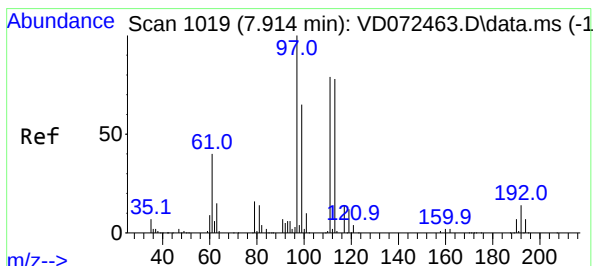
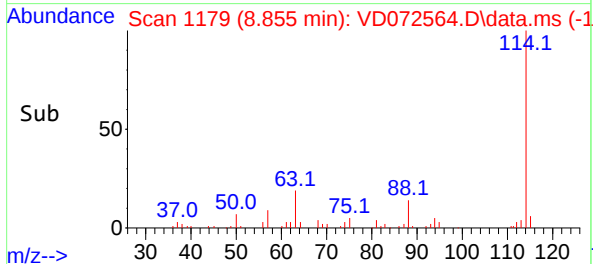
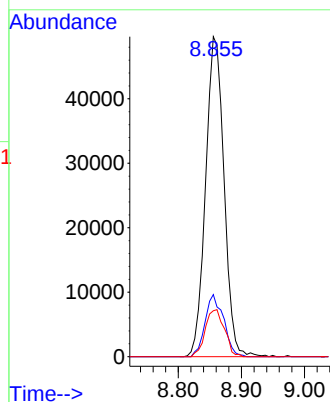
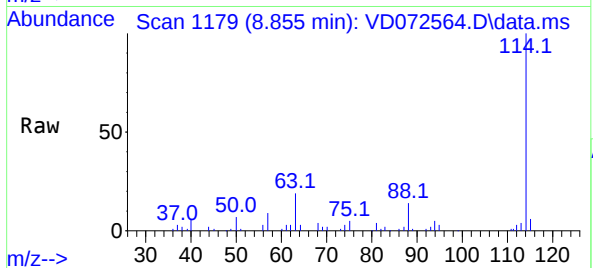




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072564.D
Acq: 08 Apr 2022 17:25

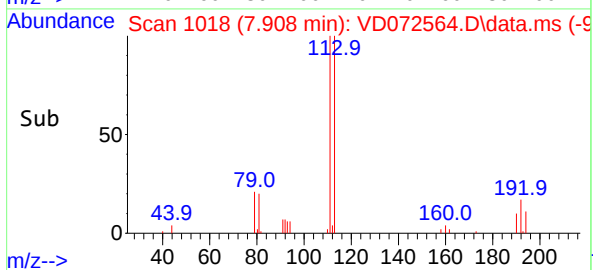
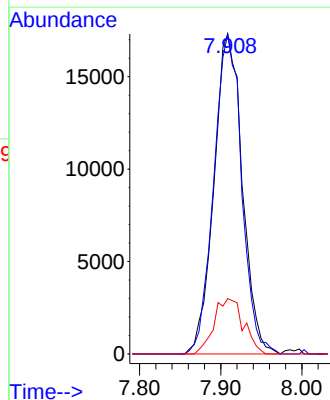
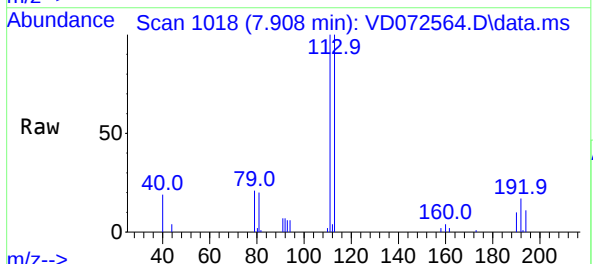
Instrument :
MSVOA_D
ClientSampleId :
NORTH-6

Tgt Ion:114 Resp: 100827
Ion Ratio Lower Upper
114 100
63 19.4 0.0 46.6
88 14.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 53.565 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072564.D
Acq: 08 Apr 2022 17:25

Tgt Ion:113 Resp: 41972
Ion Ratio Lower Upper
113 100
111 98.3 83.8 125.6
192 18.0 14.6 21.8

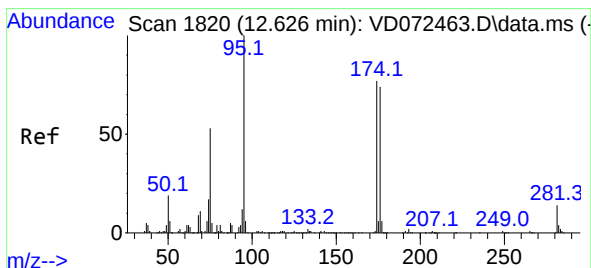
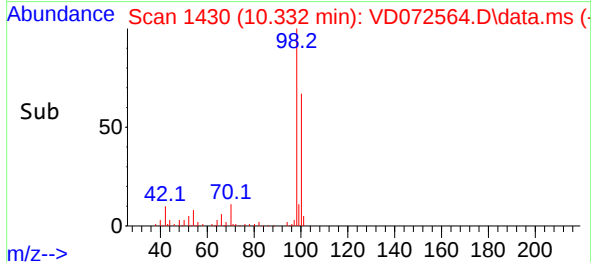
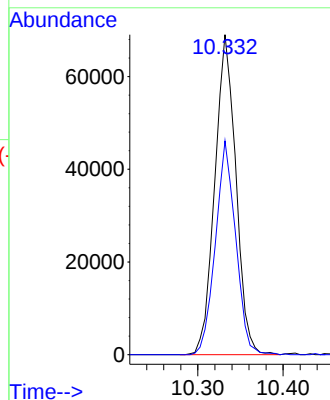
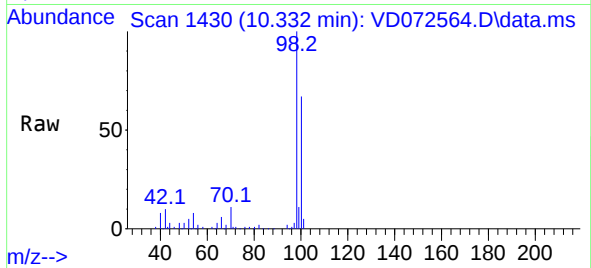




#50
Toluene-d8
Concen: 43.545 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072564.D
Acq: 08 Apr 2022 17:25

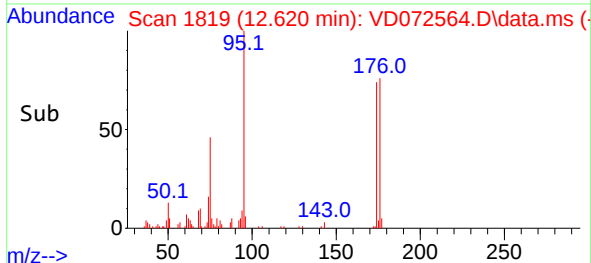
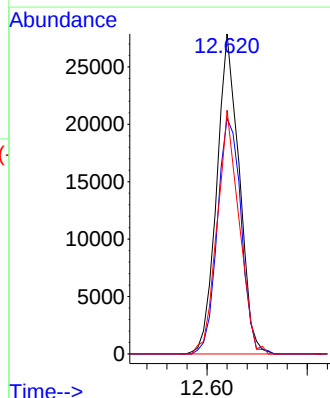
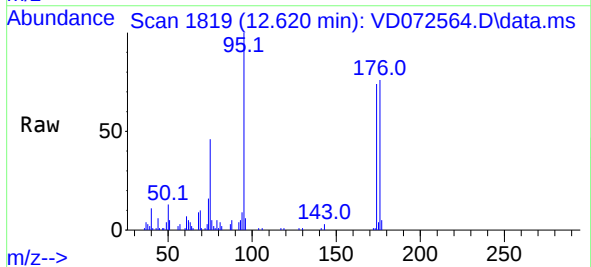
Instrument :
MSVOA_D
ClientSampleId :
NORTH-6

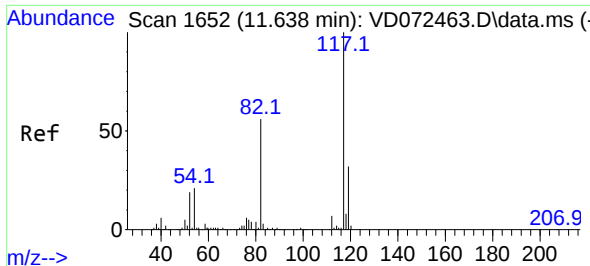
Tgt Ion: 98 Resp: 118604
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.696 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072564.D
Acq: 08 Apr 2022 17:25

Tgt Ion: 95 Resp: 43290
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 74.6 0.0 145.4

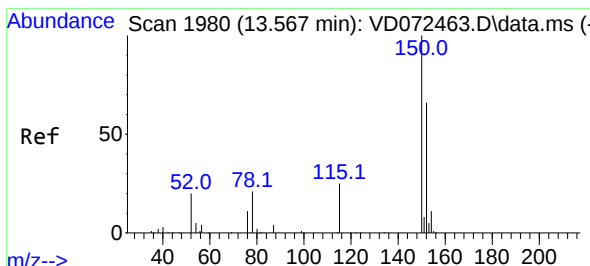
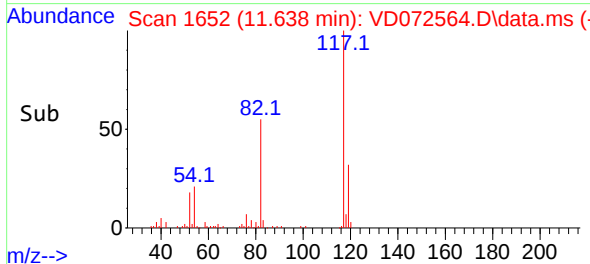
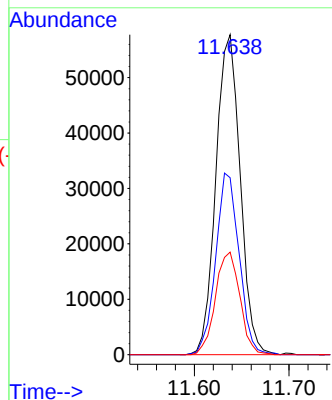
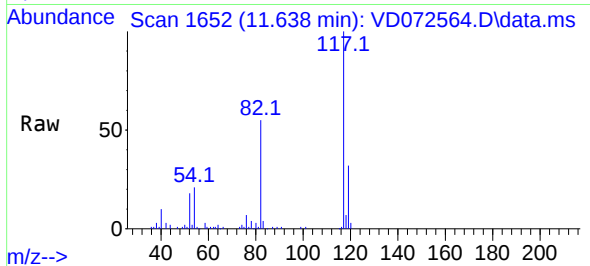




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072564.D
Acq: 08 Apr 2022 17:25

Instrument :
MSVOA_D
ClientSampleId :
NORTH-6

Tgt Ion:117 Resp: 103126
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 32.1 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: VD072564.D
Acq: 08 Apr 2022 17:25

Tgt Ion:152 Resp: 47523
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 152.1 0.0 348.6

