

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072561.D
 Acq On : 08 Apr 2022 15:59
 Operator : VA/SY
 Sample : N2317-07
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NORTH-2

Quant Time: Apr 09 00:36:22 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	83567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	147794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	151477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	63962	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	72712	71.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.860%
35) Dibromofluoromethane	7.909	113	61250	53.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.660%
50) Toluene-d8	10.332	98	180549	45.222	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.440%
62) 4-Bromofluorobenzene	12.620	95	63779	40.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.800%

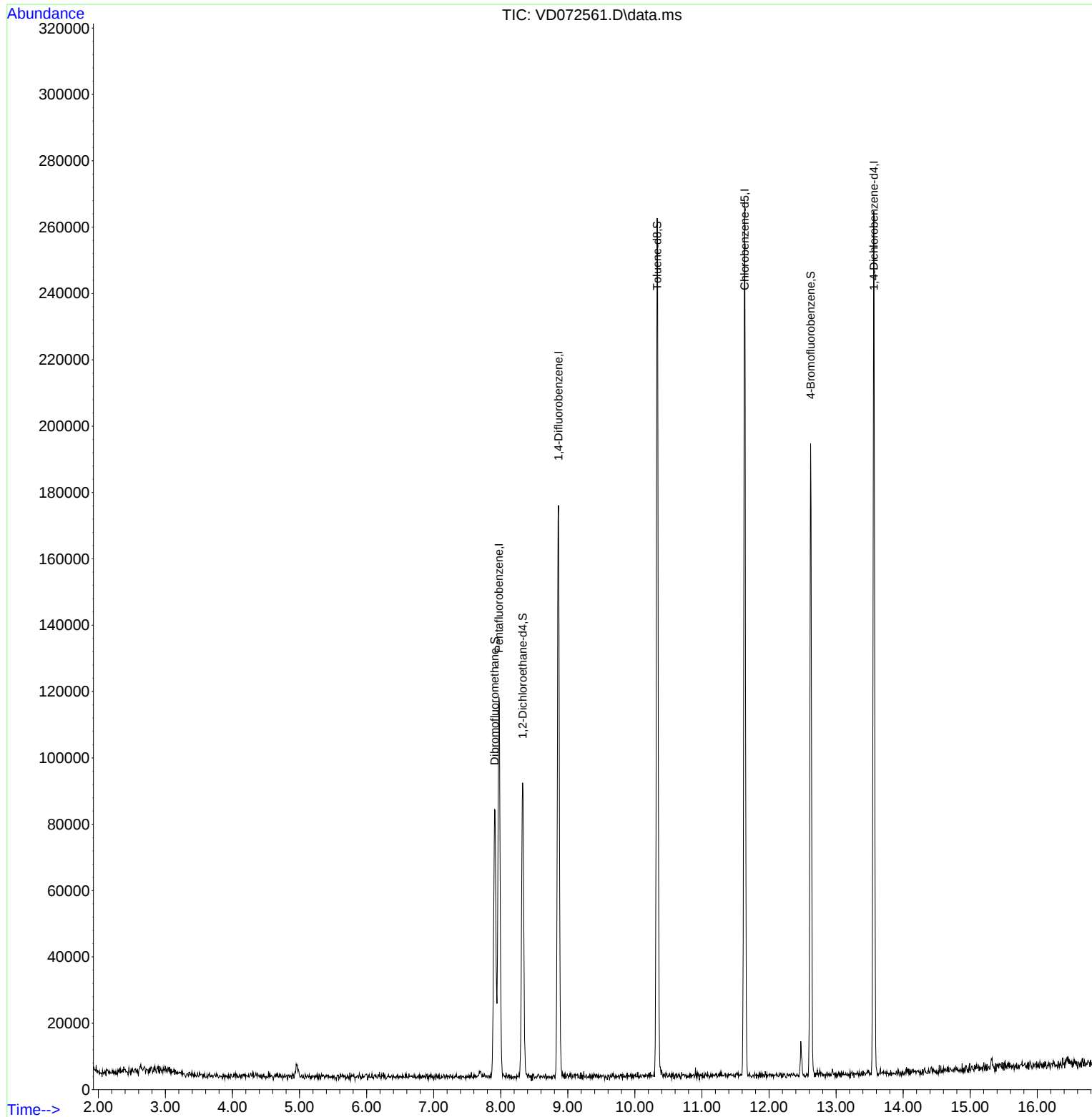
Target Compounds	Qvalue

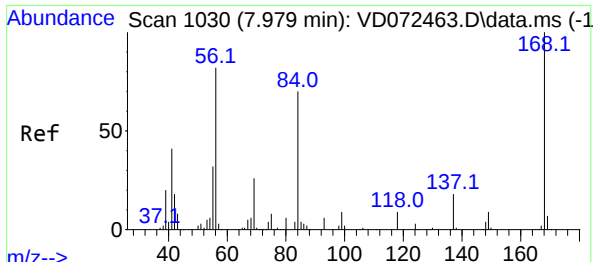
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD072561.D

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Instrument :

MSVOA_D

ClientSampleId :

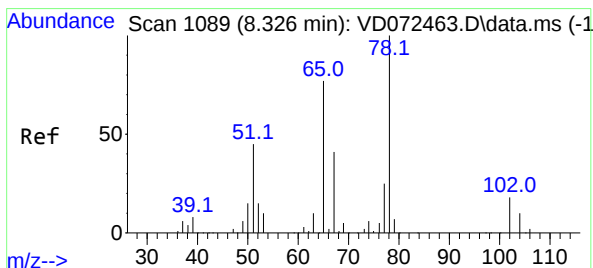
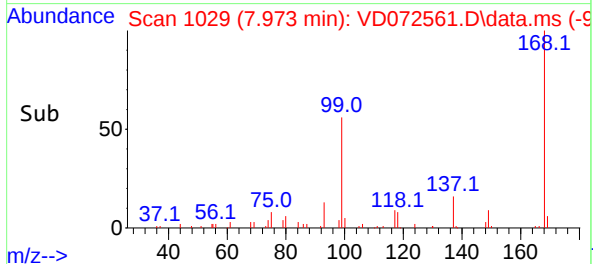
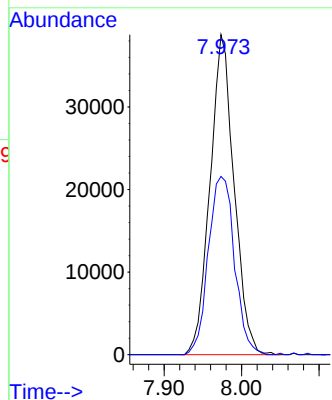
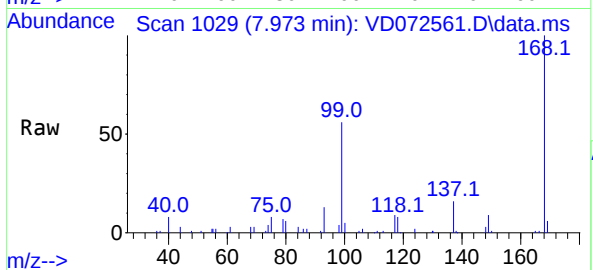
NORTH-2

Tgt Ion:168 Resp: 83567

Ion Ratio Lower Upper

168 100

99 55.7 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 71.928 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072561.D

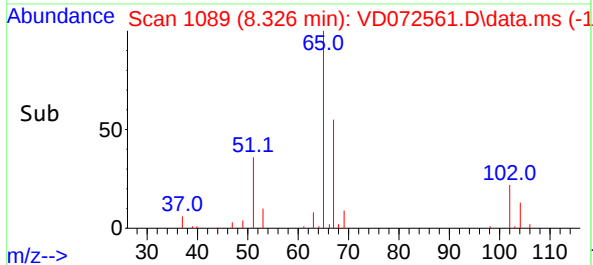
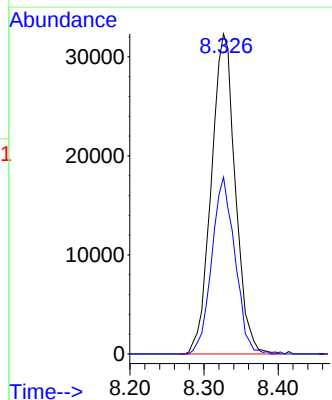
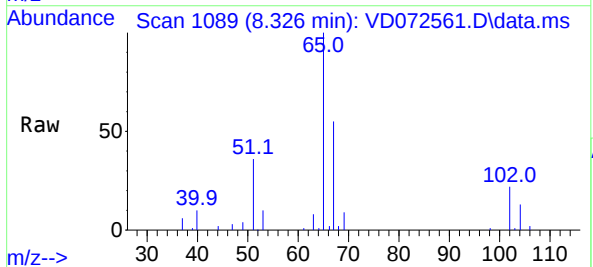
Acq: 08 Apr 2022 15:59

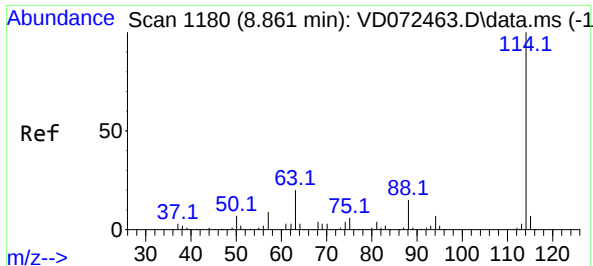
Tgt Ion: 65 Resp: 72712

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4

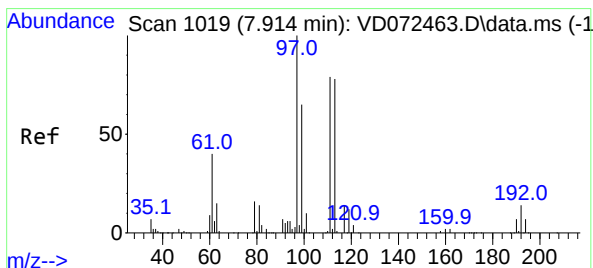
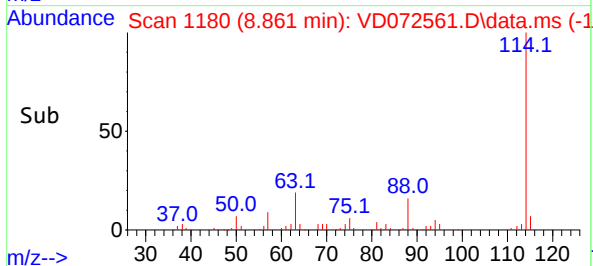
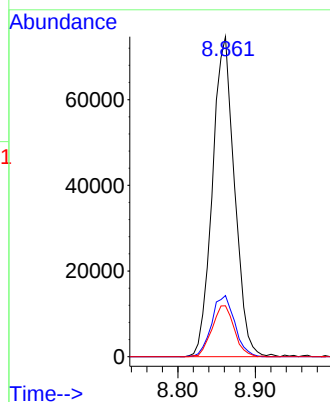
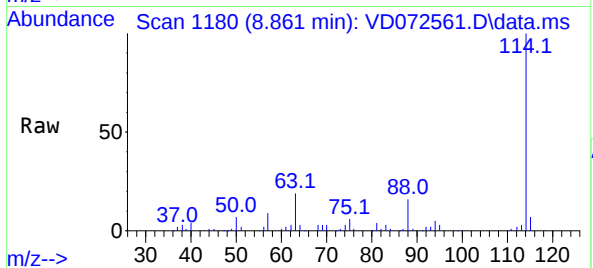




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072561.D
Acq: 08 Apr 2022 15:59

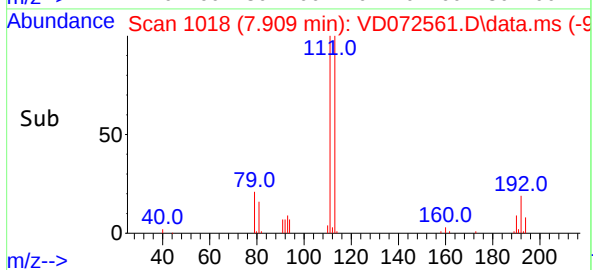
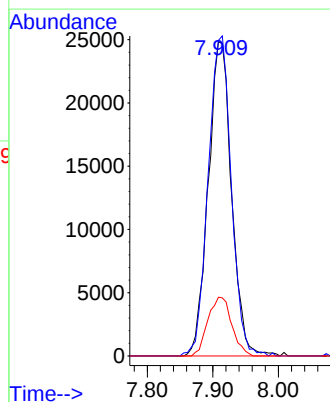
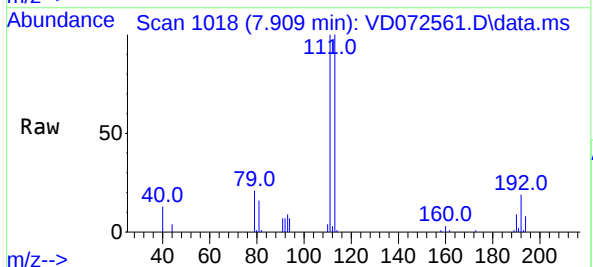
Instrument :
MSVOA_D
ClientSampleId :
NORTH-2

Tgt Ion:114 Resp: 147794
Ion Ratio Lower Upper
114 100
63 19.1 0.0 46.6
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 53.327 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072561.D
Acq: 08 Apr 2022 15:59

Tgt Ion:113 Resp: 61250
Ion Ratio Lower Upper
113 100
111 101.1 83.8 125.6
192 19.1 14.6 21.8

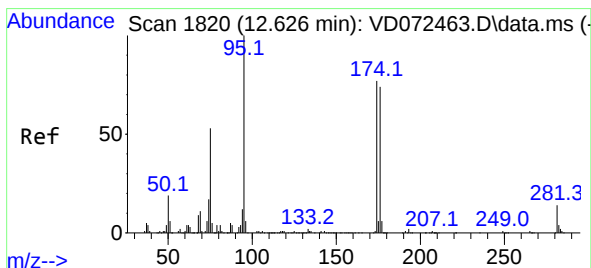
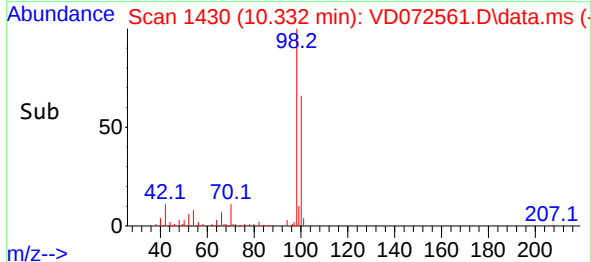
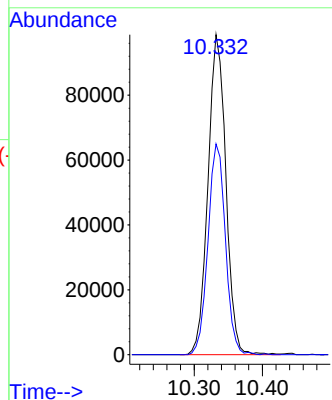
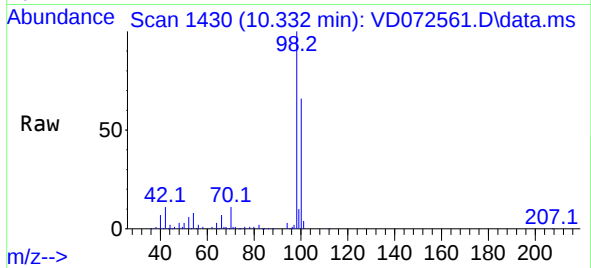




#50
Toluene-d8
Concen: 45.222 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072561.D
Acq: 08 Apr 2022 15:59

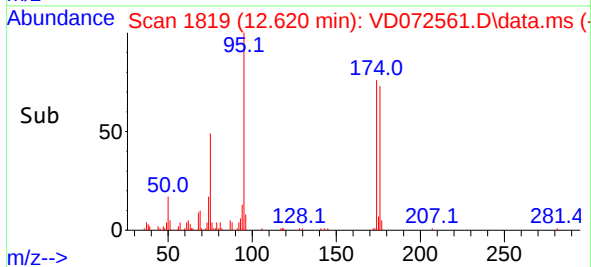
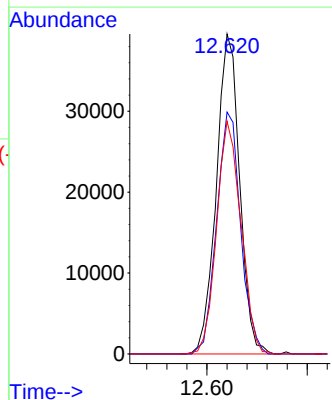
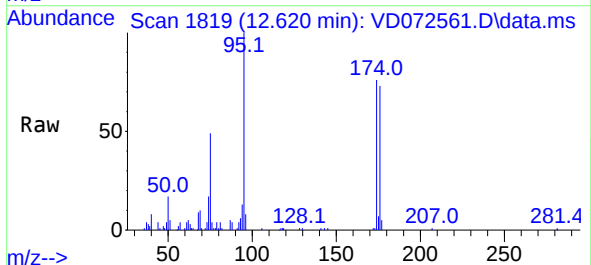
Instrument :
MSVOA_D
ClientSampleId :
NORTH-2

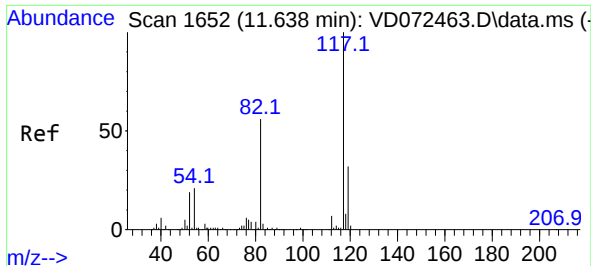
Tgt Ion: 98 Resp: 180549
Ion Ratio Lower Upper
98 100
100 64.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.904 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072561.D
Acq: 08 Apr 2022 15:59

Tgt Ion: 95 Resp: 63779
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 76.0 0.0 145.4

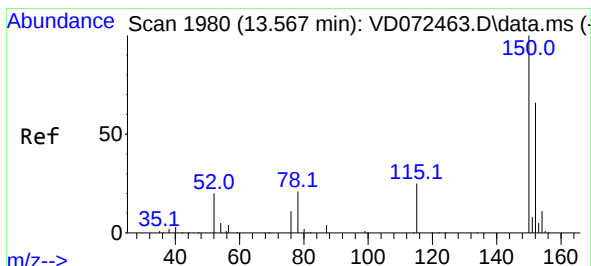
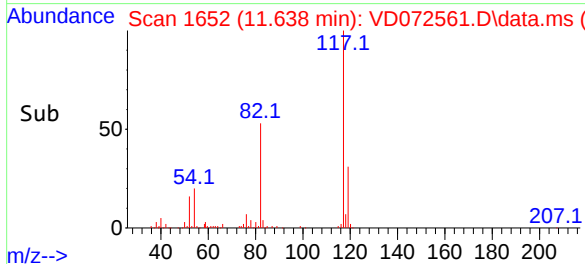
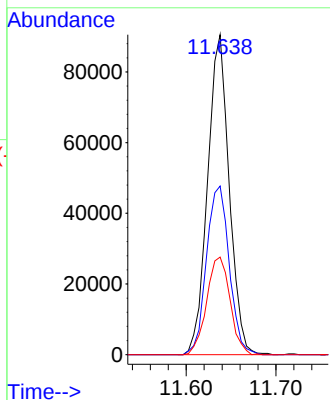
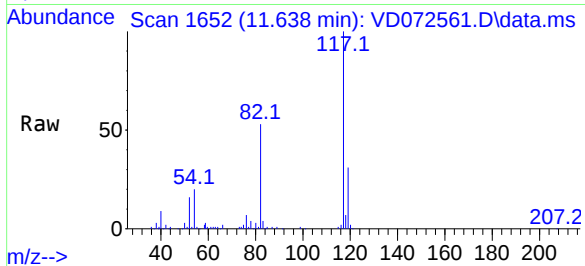




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072561.D
Acq: 08 Apr 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
NORTH-2

Tgt Ion:	117	Resp:	151477
Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.3	67.9
119	30.5	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: VD072561.D
Acq: 08 Apr 2022 15:59

Tgt Ion:	152	Resp:	63962
Ion	Ratio	Lower	Upper
152	100		
115	63.8	31.3	93.8
150	162.9	0.0	348.6

