

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
 Data File : VN072919.D
 Acq On : 17 Jun 2022 19:56
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Jun 18 06:24:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	299711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	530148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	445113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	182634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	211587	52.218	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.440%
35) Dibromofluoromethane	7.951	113	162044	49.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	10.375	98	596409	48.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.669	95	198424	45.256	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.520%

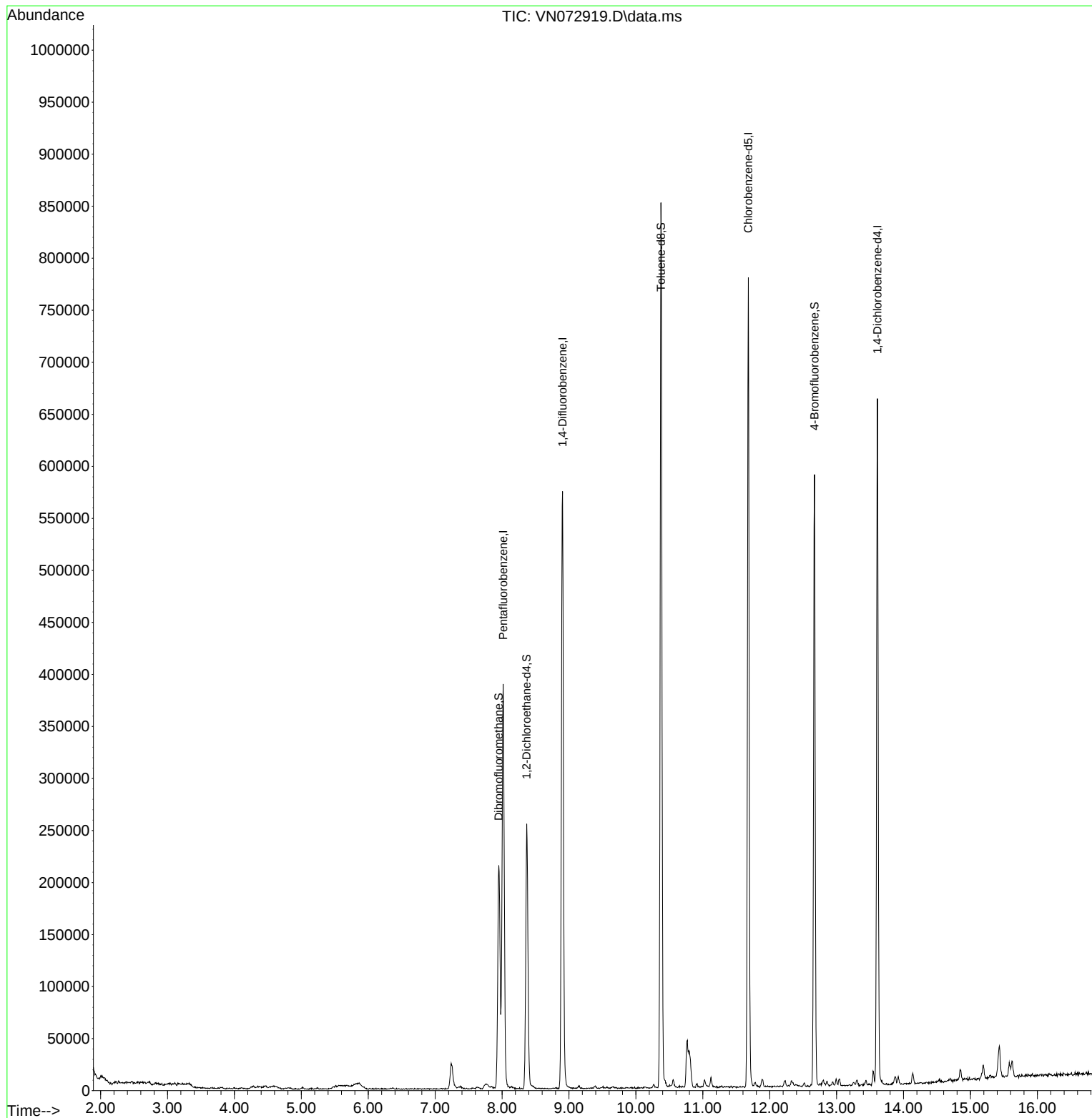
Target Compounds	Qvalue

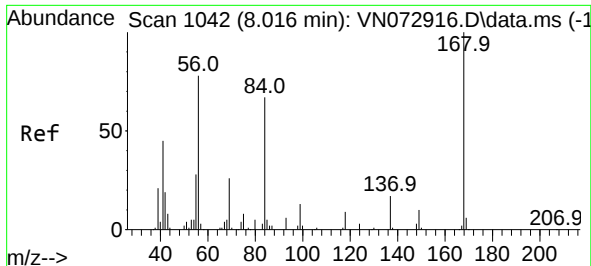
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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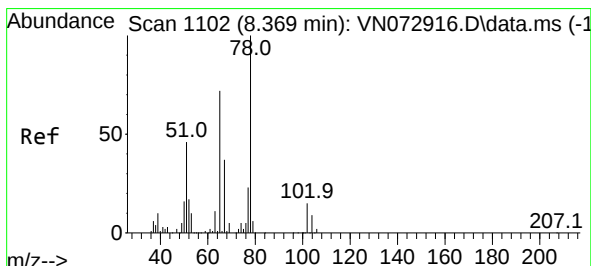
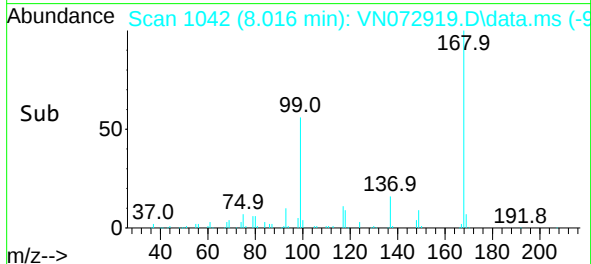
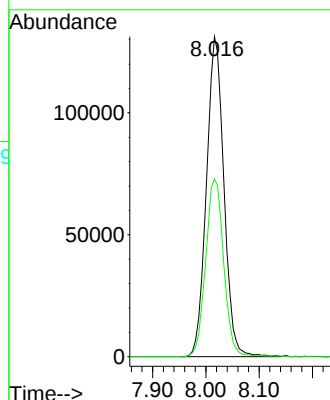
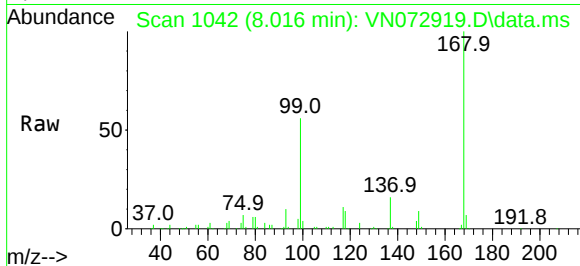




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

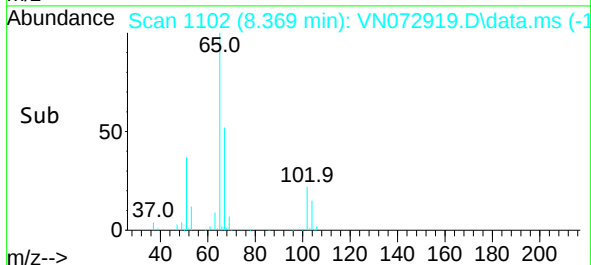
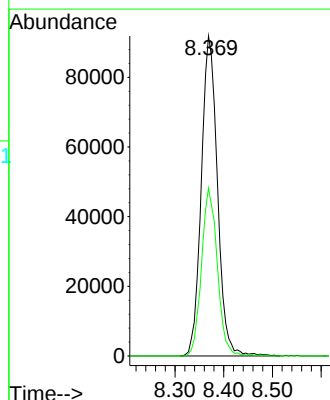
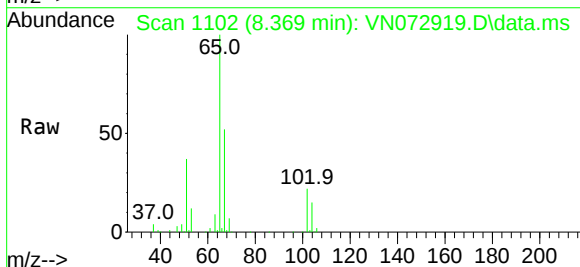
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 299711
Ion Ratio Lower Upper
168 100
99 55.5 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 52.218 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 65 Resp: 211587
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8

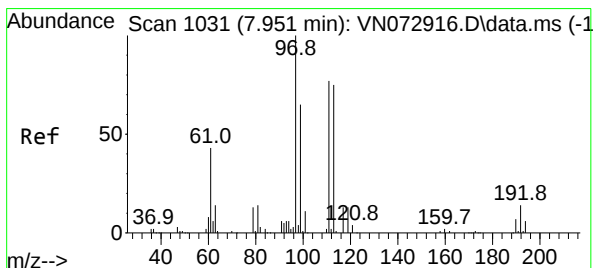
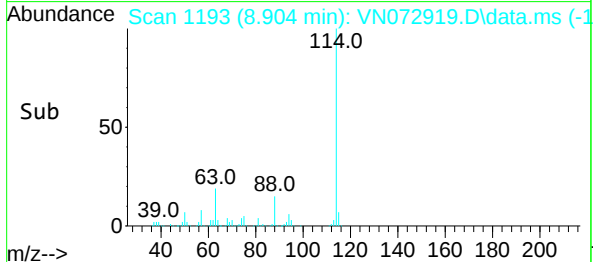
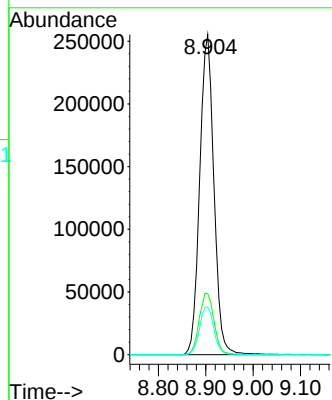
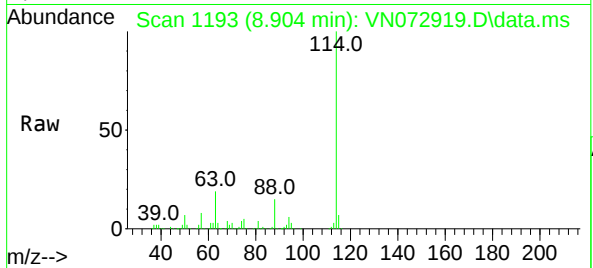




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

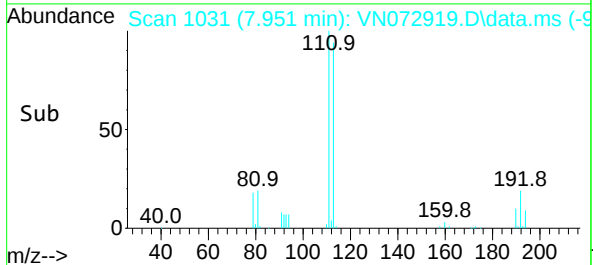
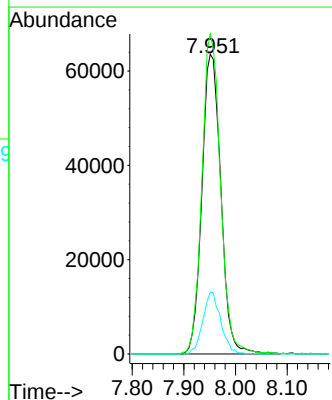
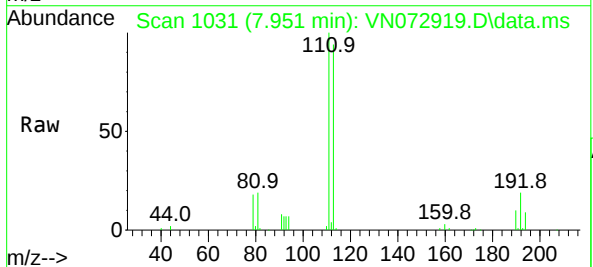
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

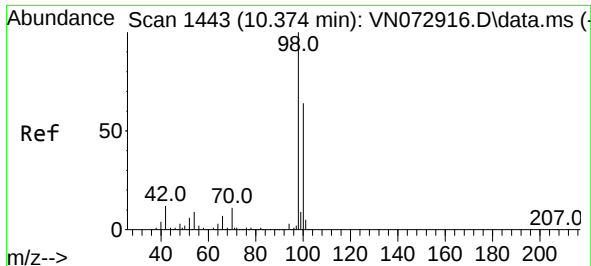
Tgt Ion:114 Resp: 530148
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 14.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.452 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion:113 Resp: 162044
Ion Ratio Lower Upper
113 100
111 104.6 81.4 122.0
192 19.5 17.0 25.6

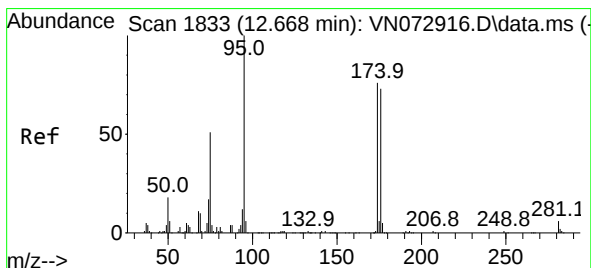
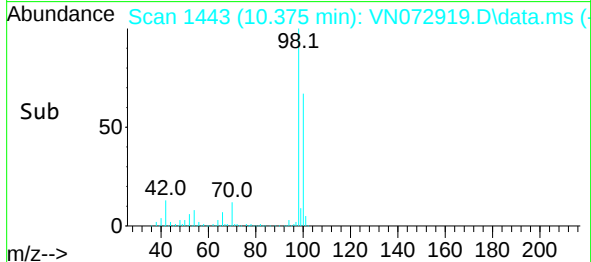
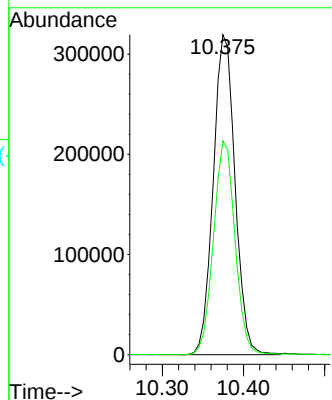
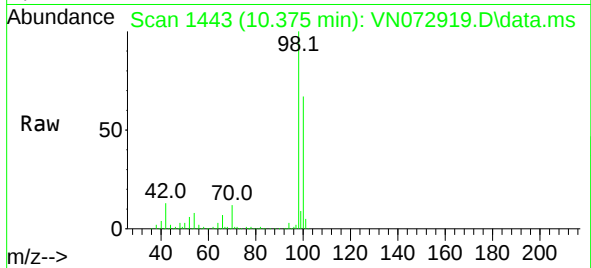




#50
Toluene-d8
Concen: 48.914 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

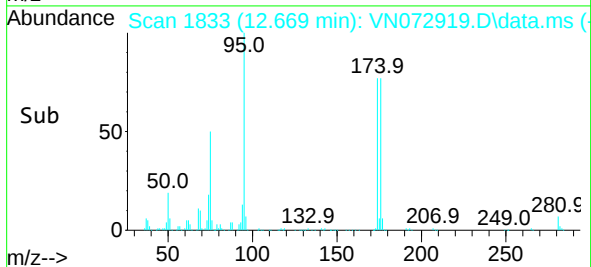
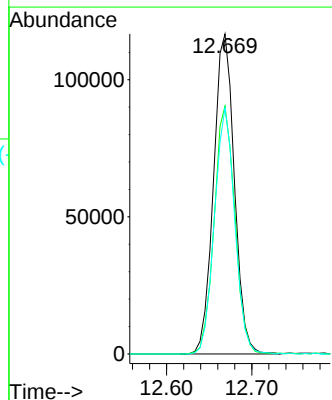
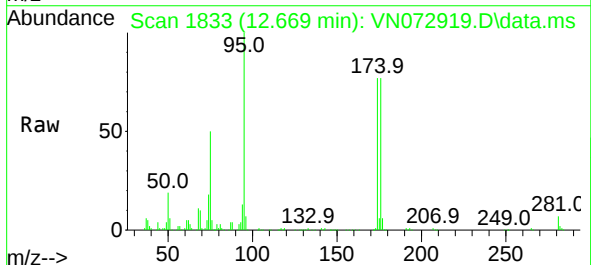
Instrument :
MSVOA_N
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VIBLK

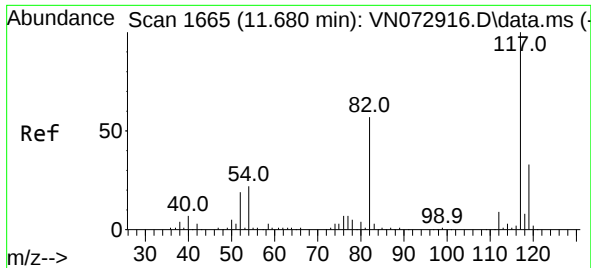
Tgt Ion: 98 Resp: 596409
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.256 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 95 Resp: 198424
Ion Ratio Lower Upper
95 100
174 77.0 0.0 167.6
176 74.9 0.0 163.4

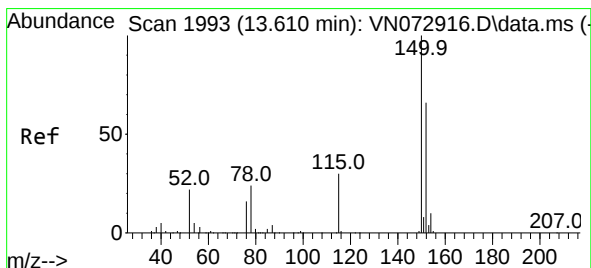
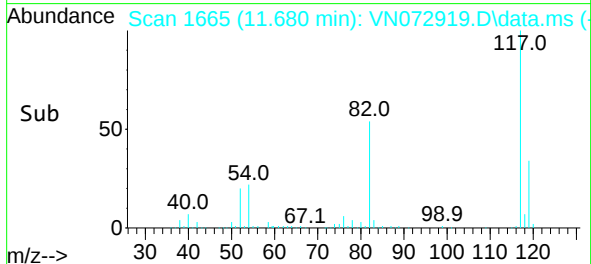
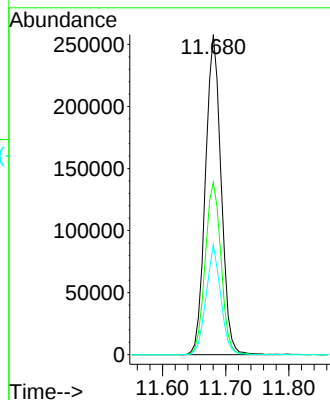
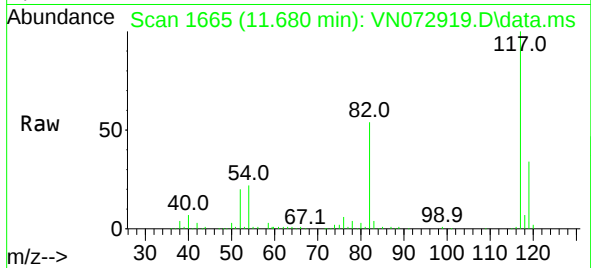




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 445113
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 34.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion:152 Resp: 182634
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.7
150 157.6 0.0 356.2

