

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072843.D
 Acq On : 14 Jun 2022 19:47
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 15 04:35:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	350082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	580278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	518147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	207670	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	224463	41.399	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	82.800%
35) Dibromofluoromethane	8.022	113	181193	50.434	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.860%
50) Toluene-d8	10.439	98	616254	43.465	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	86.920%
62) 4-Bromofluorobenzene	12.727	95	237103	49.818	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.640%

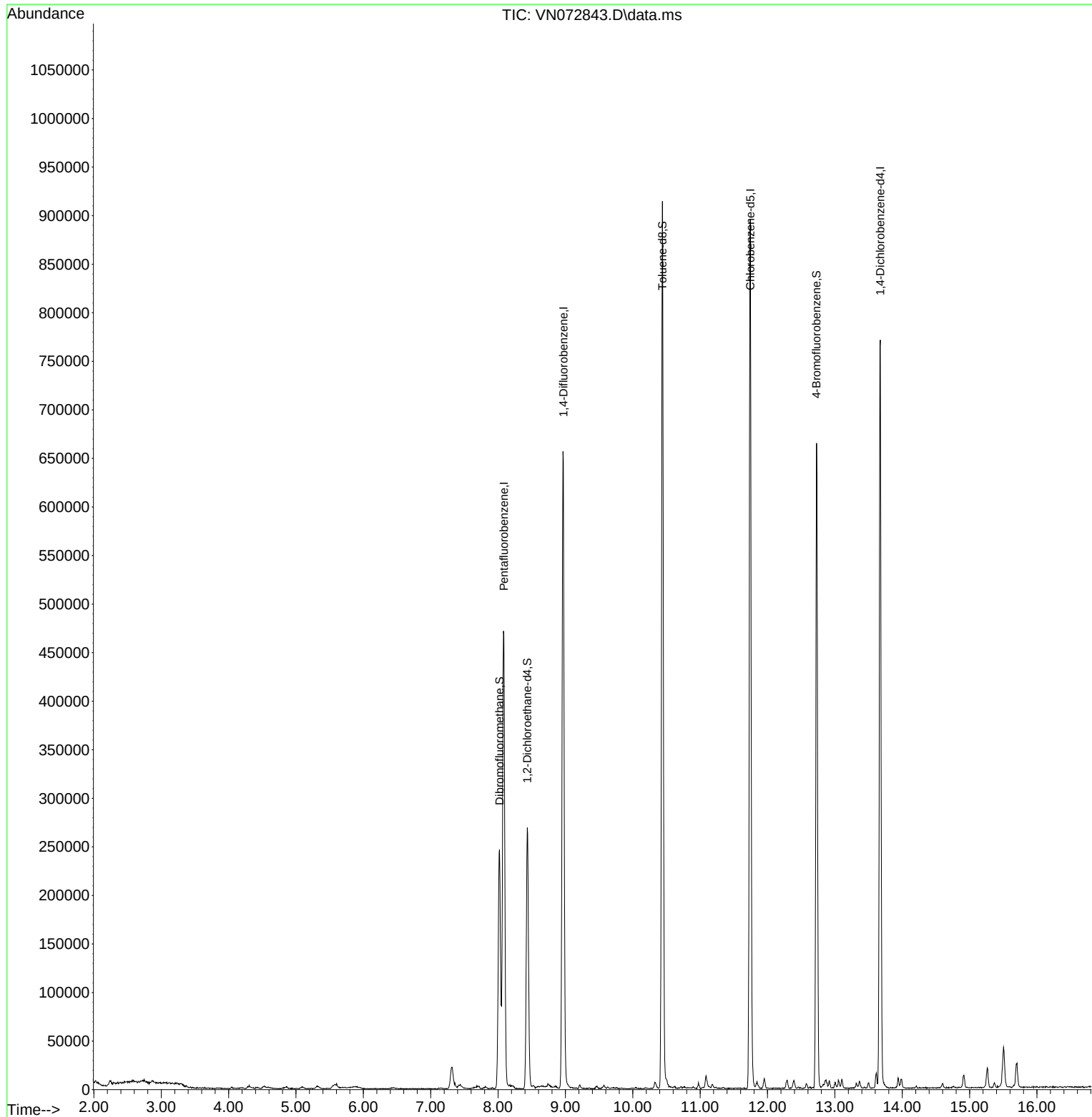
Target Compounds	Qvalue

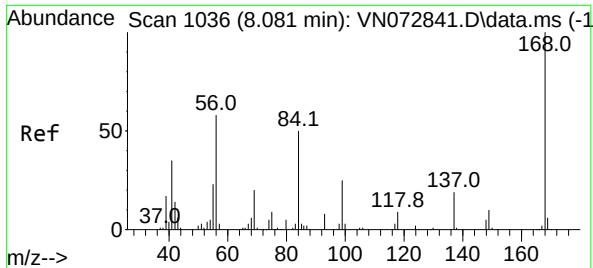
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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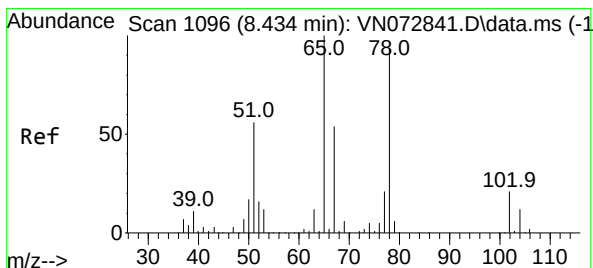
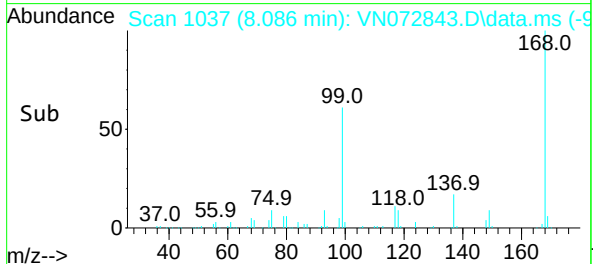
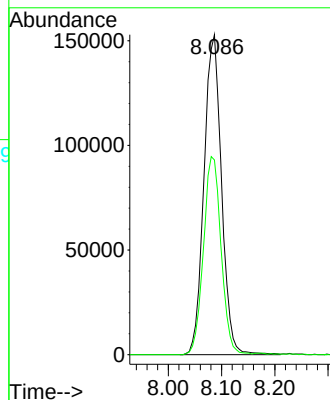
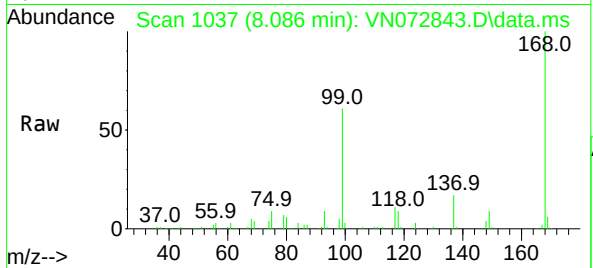




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

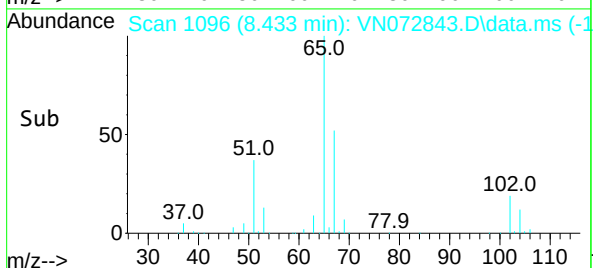
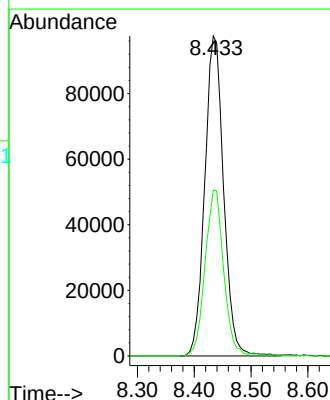
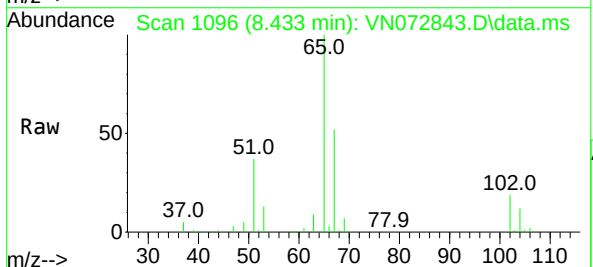
Instrument :
MSVOA_N
ClientSampleId :
IBLK

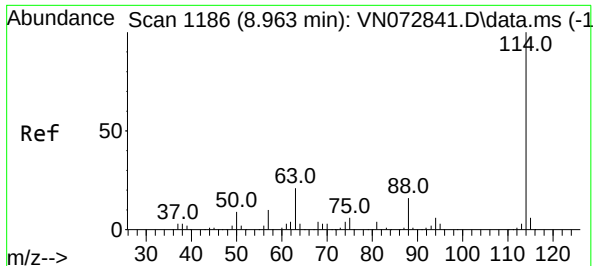
Tgt Ion:168 Resp: 350082
Ion Ratio Lower Upper
168 100
99 60.9 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 41.399 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 65 Resp: 224463
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

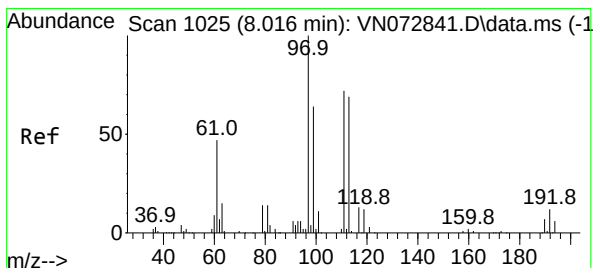
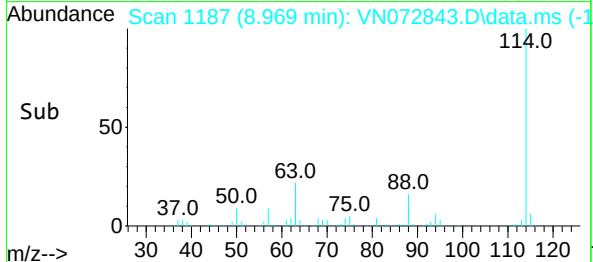
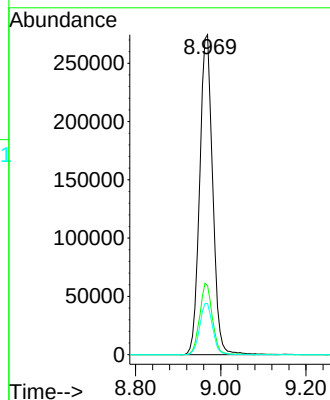
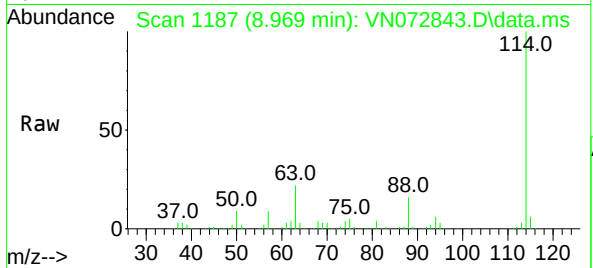




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

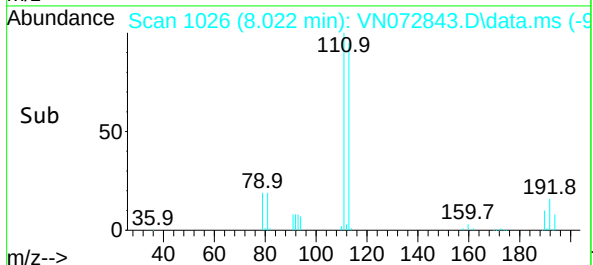
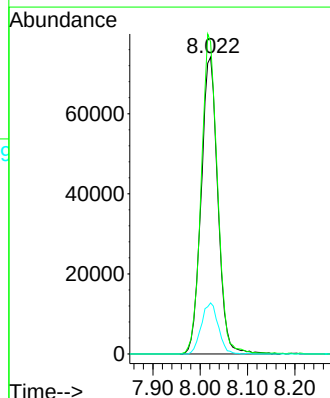
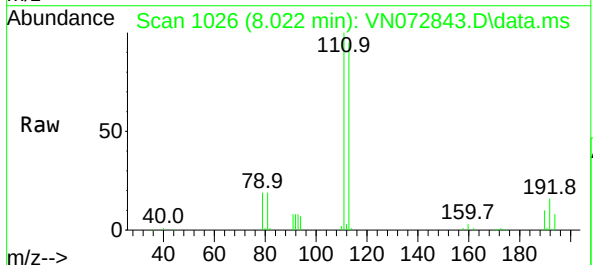
Instrument :
MSVOA_N
ClientSampleId :
IBLK

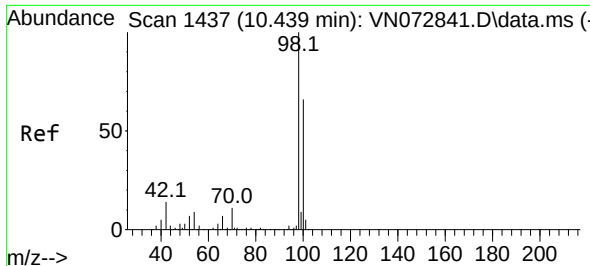
Tgt Ion:114 Resp: 580278
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.0
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.434 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion:113 Resp: 181193
Ion Ratio Lower Upper
113 100
111 104.8 81.4 122.0
192 17.4 17.0 25.6

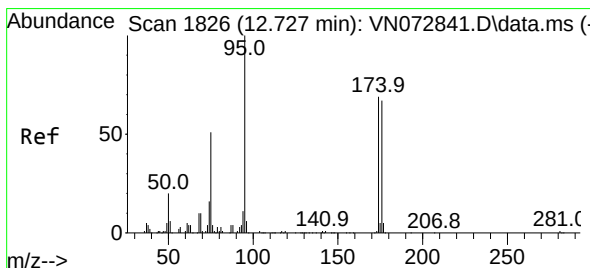
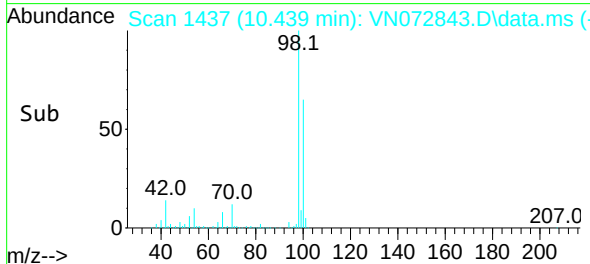
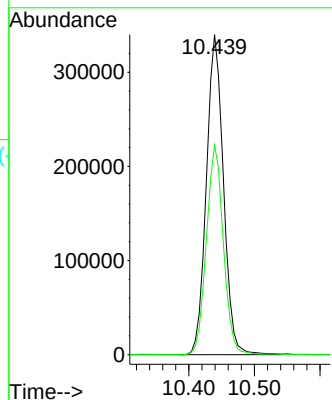
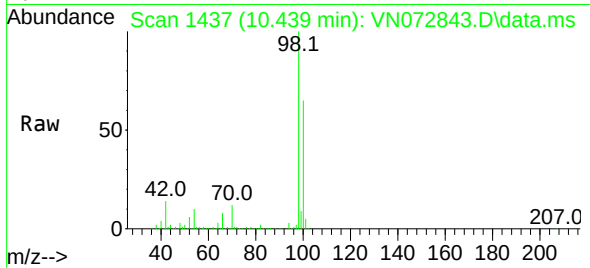




#50
Toluene-d8
Concen: 43.465 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

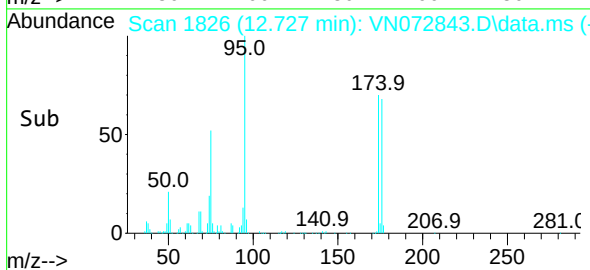
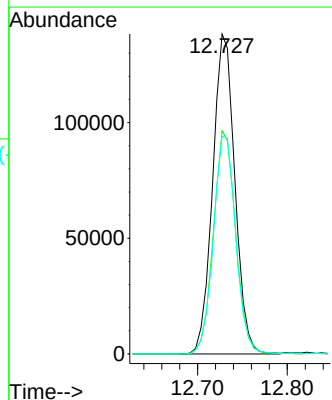
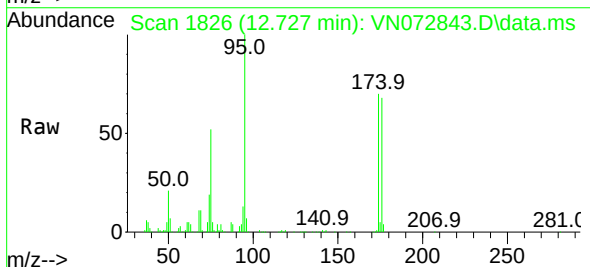
Instrument :
MSVOA_N
ClientSampleId :
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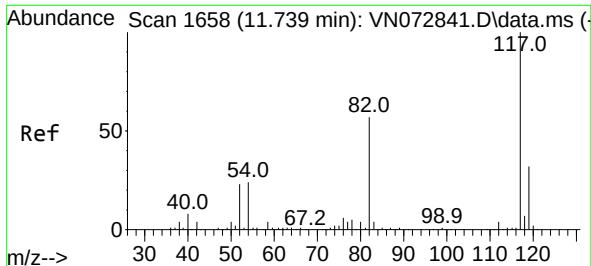
Tgt Ion: 98 Resp: 616254
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.818 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 95 Resp: 237103
Ion Ratio Lower Upper
95 100
174 70.0 0.0 167.6
176 69.1 0.0 163.4

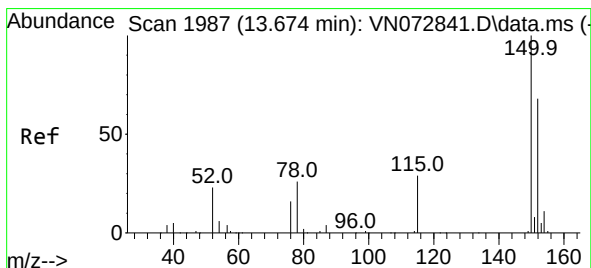
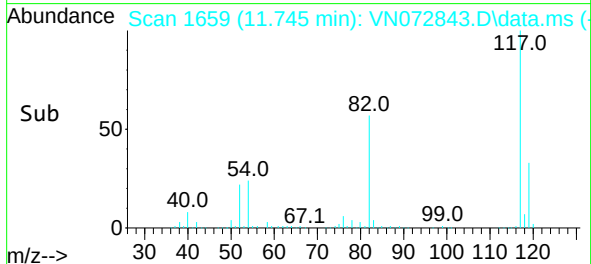
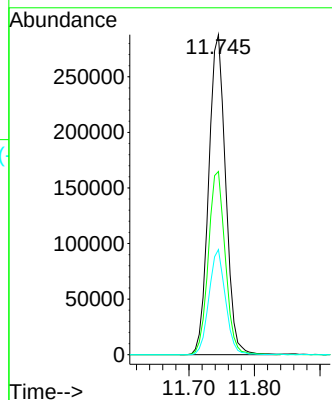
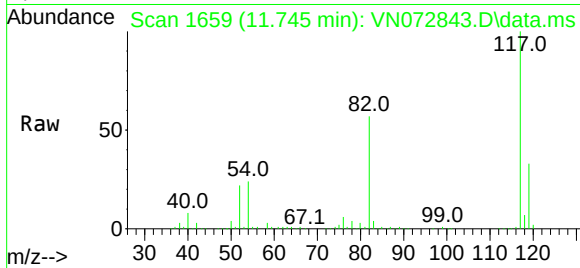




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 518147
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion:152 Resp: 207670
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 156.4 0.0 356.2

