

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
 Data File : VN072320.D
 Acq On : 04 May 2022 11:42
 Operator : JC\MD
 Sample : VN0504WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBL01

Quant Time: May 04 14:19:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	214488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	415785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	449072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	165667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	177242	53.826	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.660%	
35) Dibromofluoromethane	8.022	113	134277	50.456	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.920%	
50) Toluene-d8	10.439	98	545802	52.194	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.727	95	197996	57.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 114.080%	

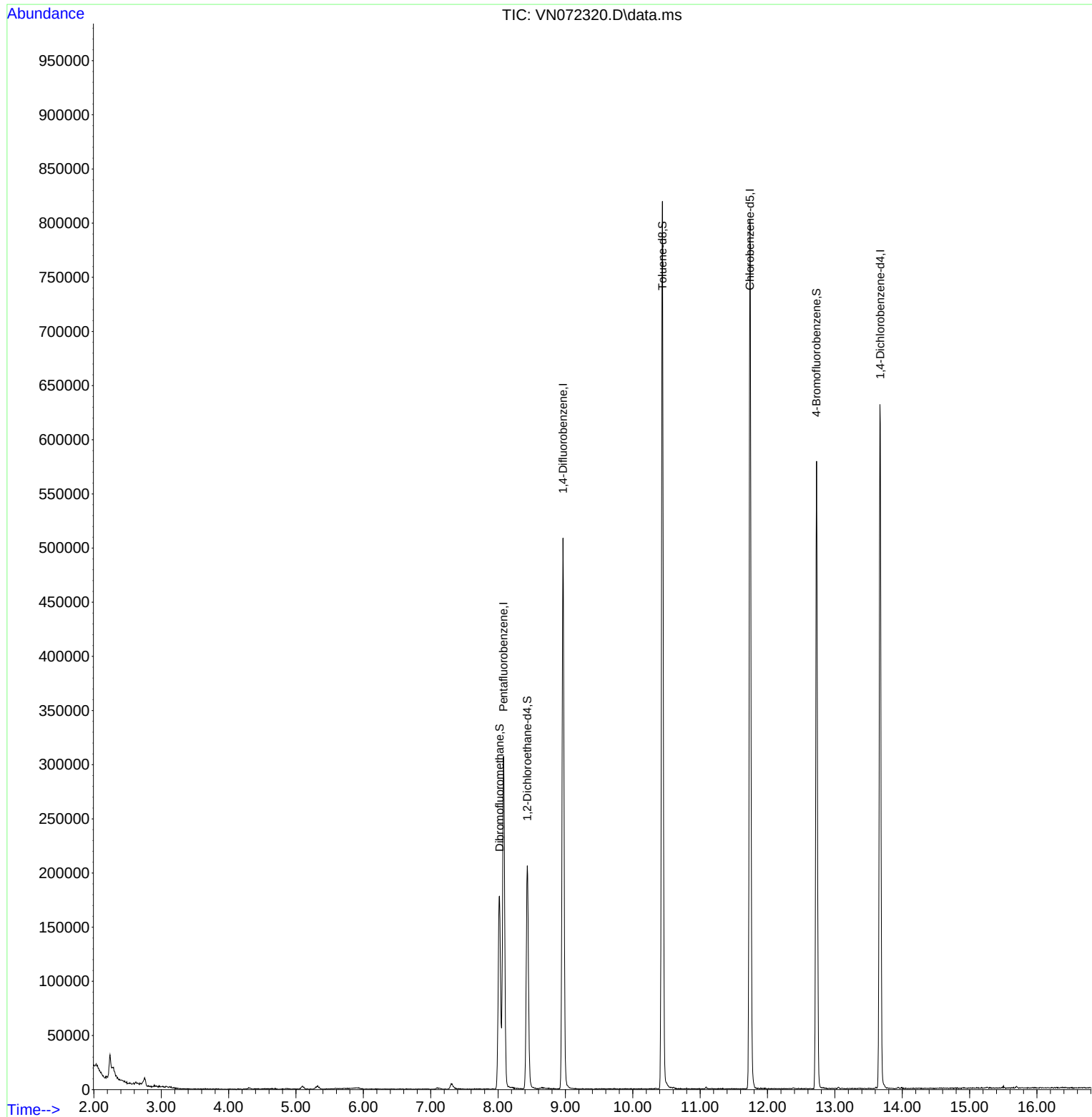
Target Compounds	Qvalue

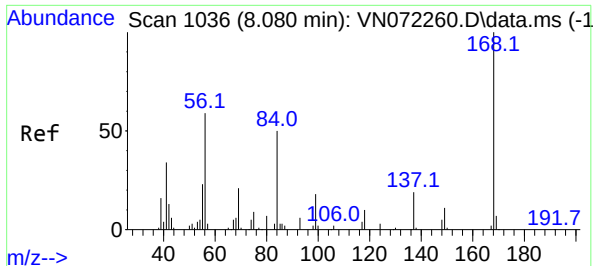
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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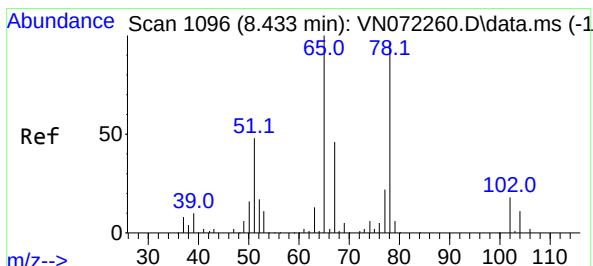
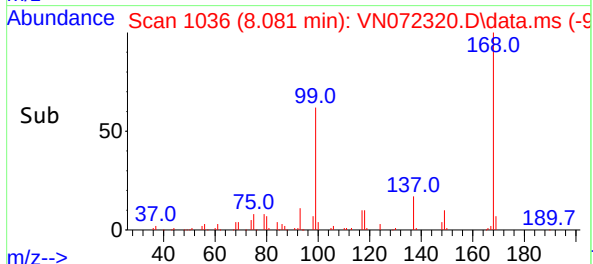
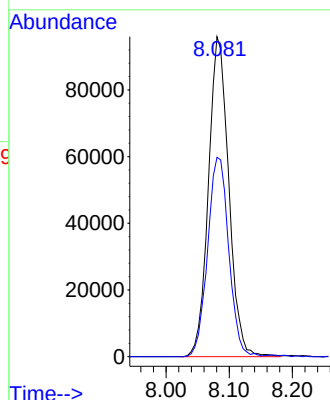
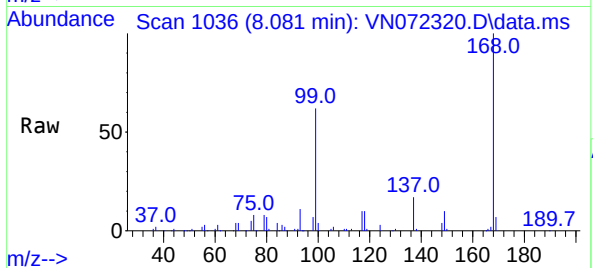




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072320.D
Acq: 04 May 2022 11:42

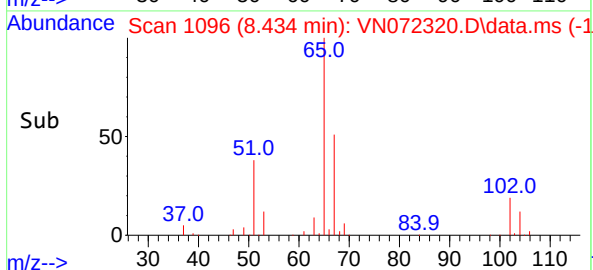
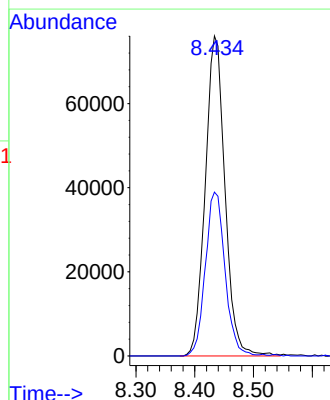
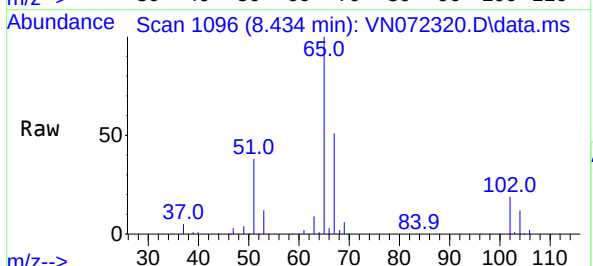
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

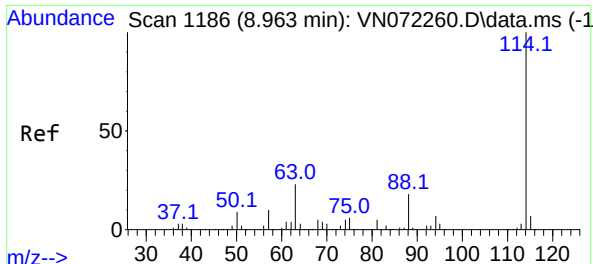
Tgt Ion:168 Resp: 214488
Ion Ratio Lower Upper
168 100
99 62.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 53.826 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072320.D
Acq: 04 May 2022 11:42

Tgt Ion: 65 Resp: 177242
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8

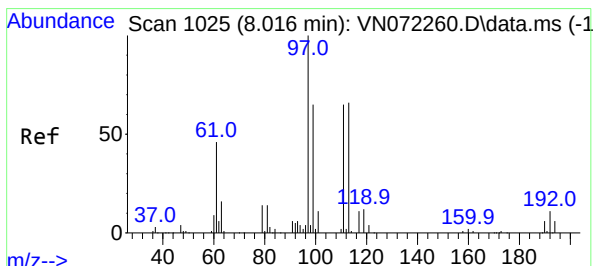
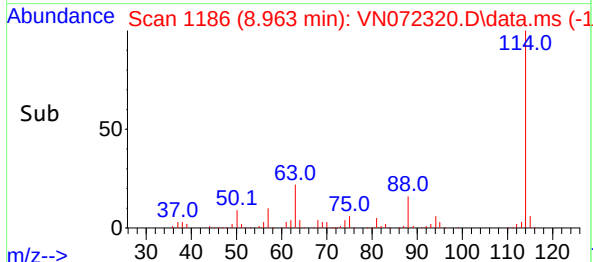
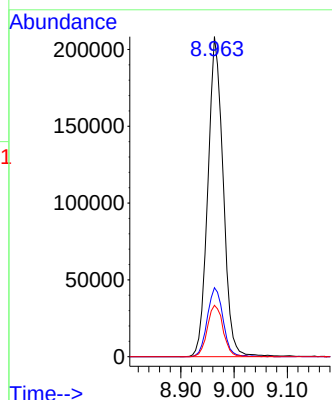
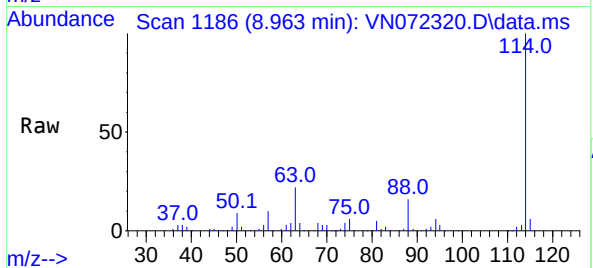




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072320.D
Acq: 04 May 2022 11:42

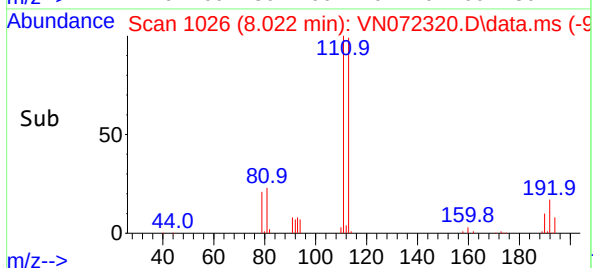
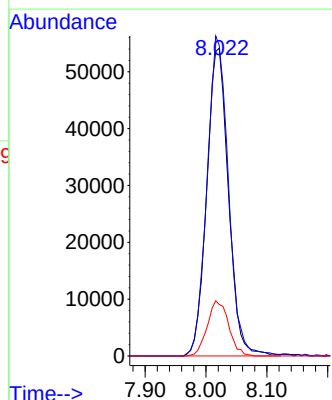
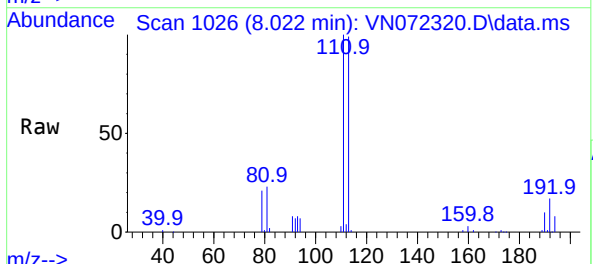
Instrument :
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ClientSampleId :
VN0504WBL01

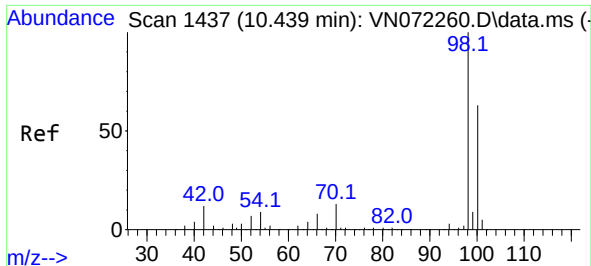
Tgt Ion:114 Resp: 415785
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.0
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.456 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072320.D
Acq: 04 May 2022 11:42

Tgt Ion:113 Resp: 134277
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 17.6 17.0 25.6

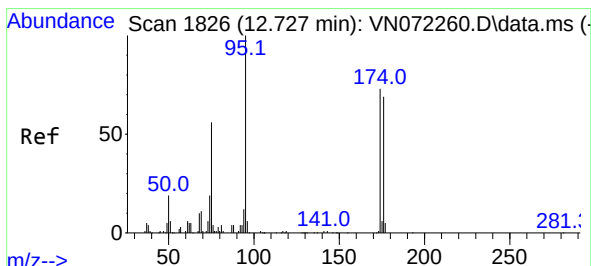
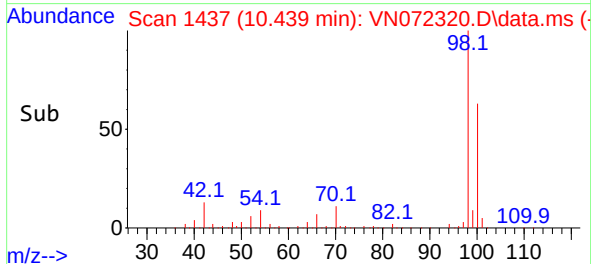
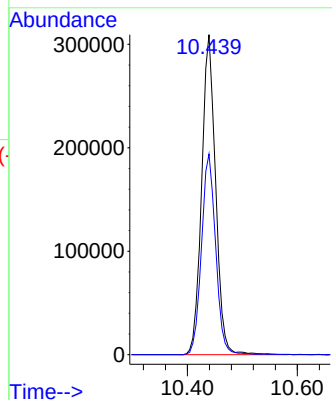
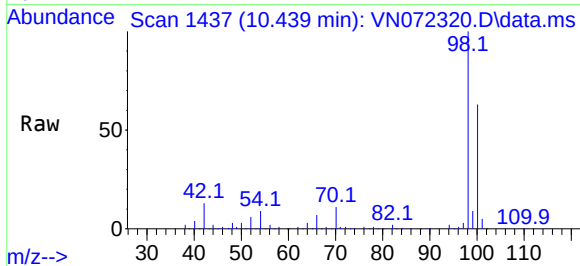




#50
Toluene-d8
Concen: 52.194 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072320.D
Acq: 04 May 2022 11:42

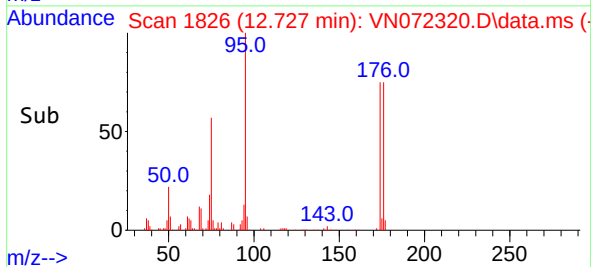
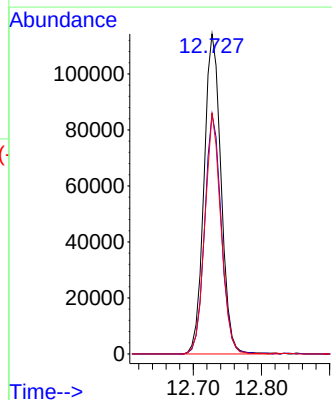
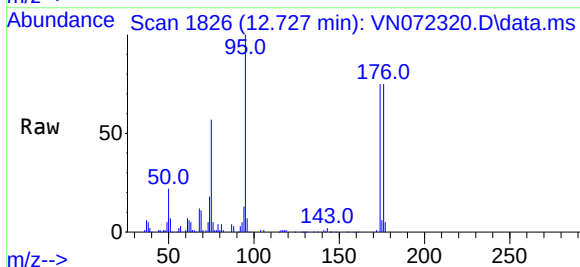
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

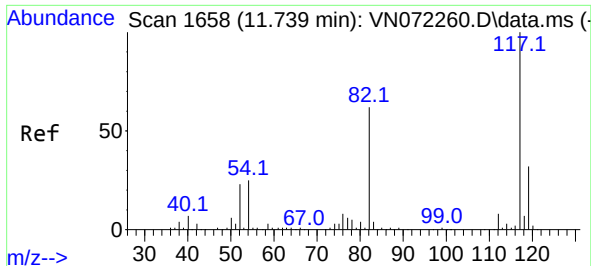
Tgt Ion: 98 Resp: 545802
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.044 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072320.D
Acq: 04 May 2022 11:42

Tgt Ion: 95 Resp: 197996
Ion Ratio Lower Upper
95 100
174 73.4 0.0 167.6
176 71.6 0.0 163.4

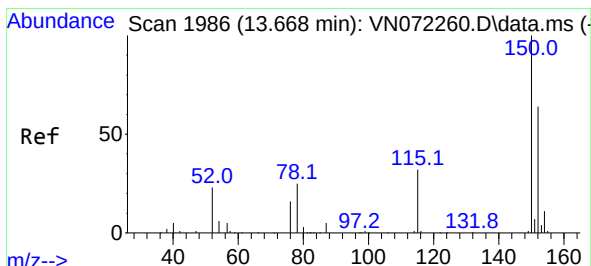
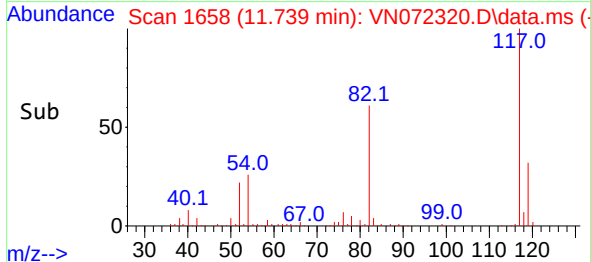
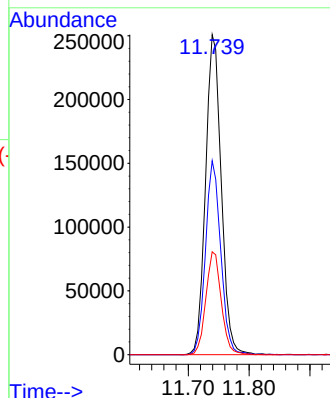
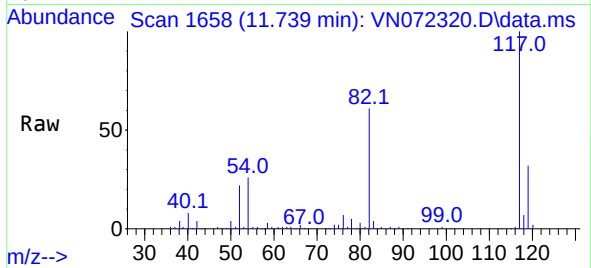




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072320.D
Acq: 04 May 2022 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

Tgt Ion:117 Resp: 449072
Ion Ratio Lower Upper
117 100
82 60.6 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072320.D
Acq: 04 May 2022 11:42

Tgt Ion:152 Resp: 165667
Ion Ratio Lower Upper
152 100
115 62.1 28.9 86.7
150 160.2 0.0 356.2

