

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050622\
 Data File : VN072368.D
 Acq On : 06 May 2022 20:38
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 09 03:17:36 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	305522	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	588267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	652350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	306914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	225874	48.156	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.320%
35) Dibromofluoromethane	8.016	113	173626	46.113	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.220%
50) Toluene-d8	10.439	98	767304	51.862	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.727	95	324780	66.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	132.280%

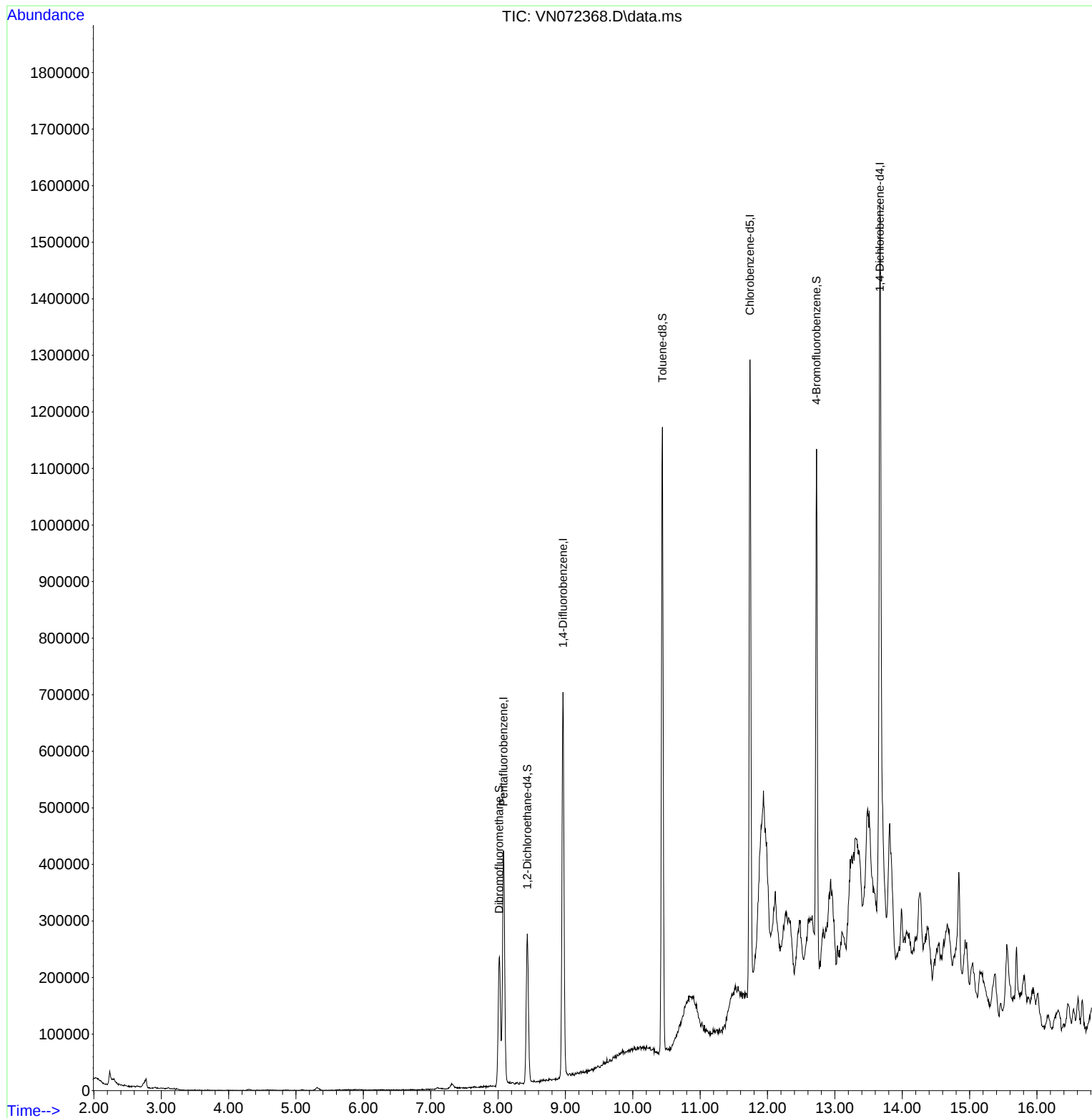
Target Compounds	Qvalue

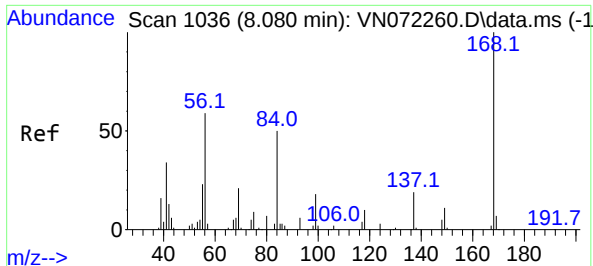
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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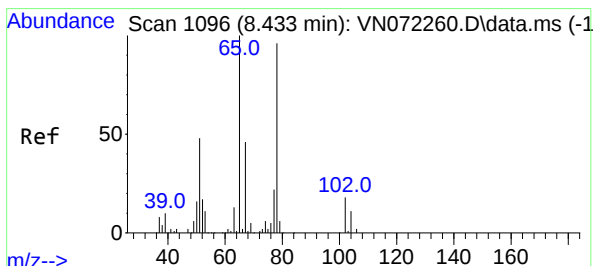
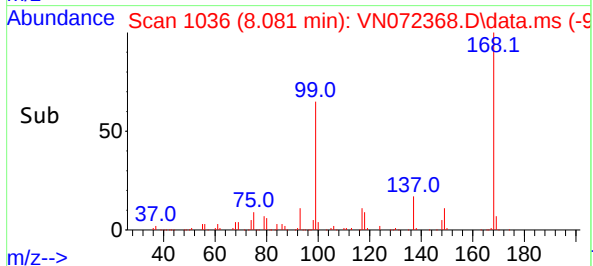
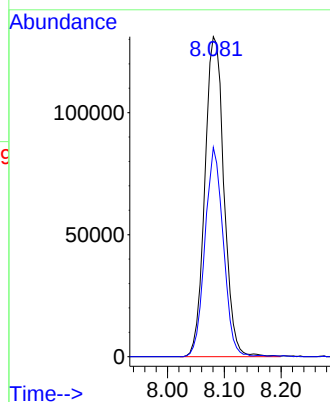
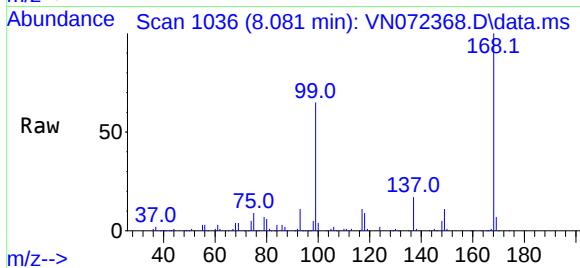




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072368.D
Acq: 06 May 2022 20:38

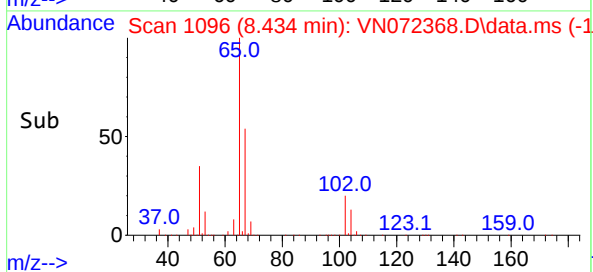
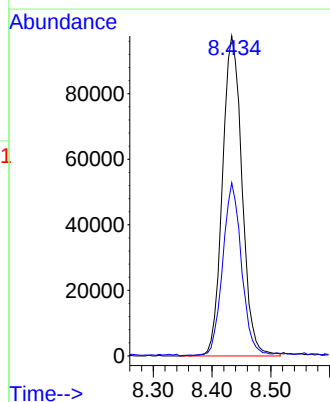
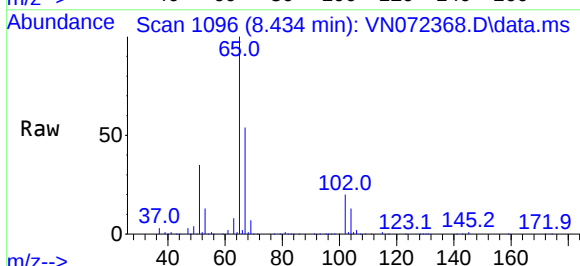
Instrument :
MSVOA_N
ClientSampleId :
IBLK

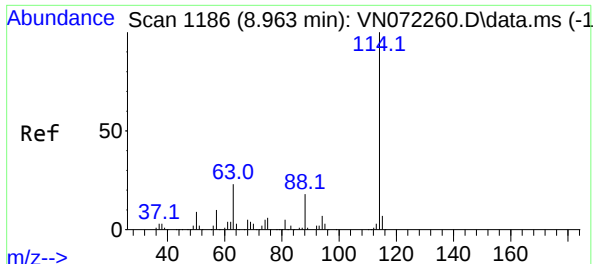
Tgt Ion:168 Resp: 305522
Ion Ratio Lower Upper
168 100
99 65.4 42.3 63.5#



#33
1,2-Dichloroethane-d4
Concen: 48.156 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072368.D
Acq: 06 May 2022 20:38

Tgt Ion: 65 Resp: 225874
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

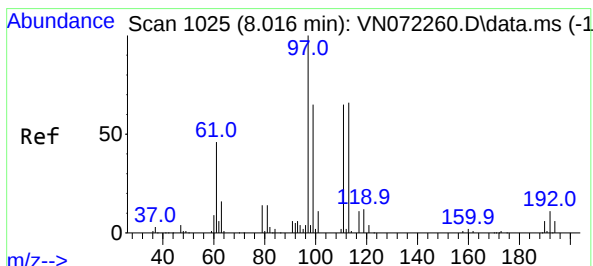
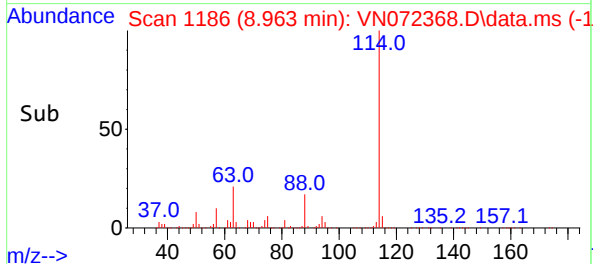
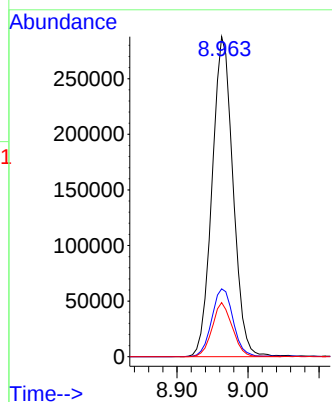
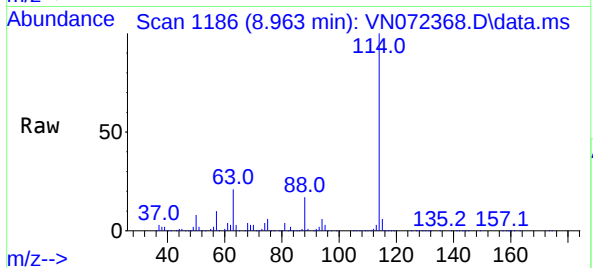




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072368.D
Acq: 06 May 2022 20:38

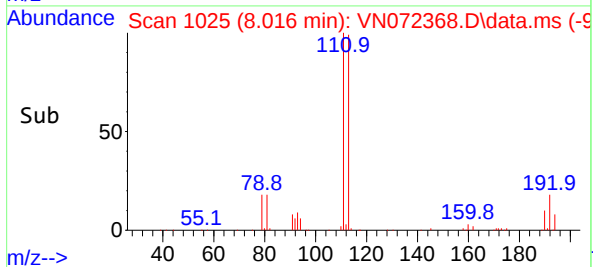
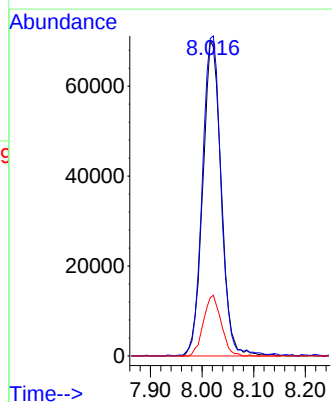
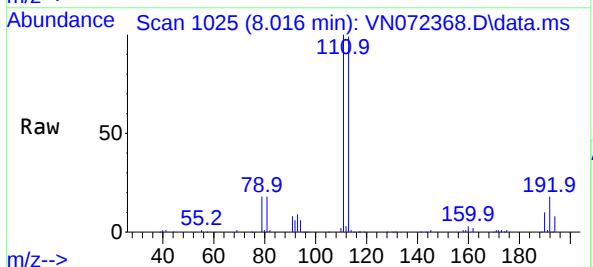
Instrument :
MSVOA_N
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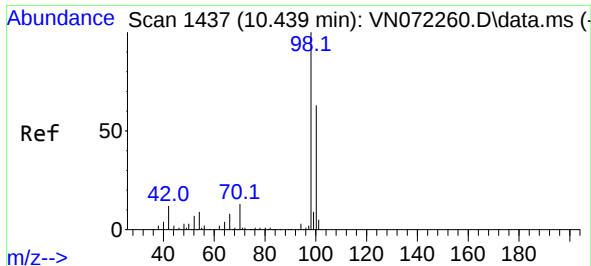
Tgt Ion:114 Resp: 588267
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.0
88 16.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.113 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072368.D
Acq: 06 May 2022 20:38

Tgt Ion:113 Resp: 173626
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.5 17.0 25.6

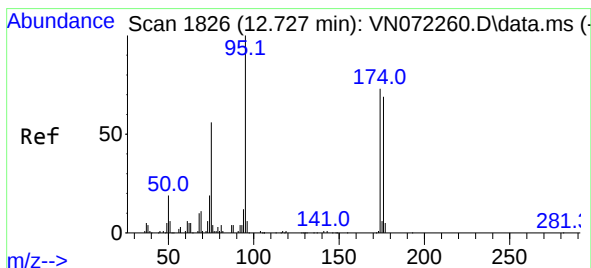
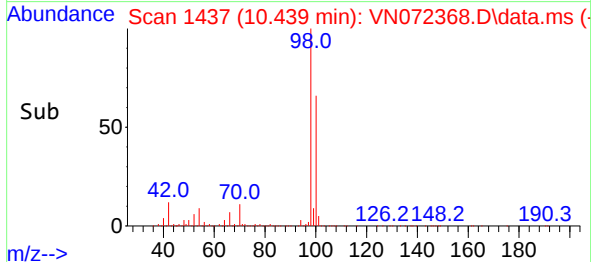
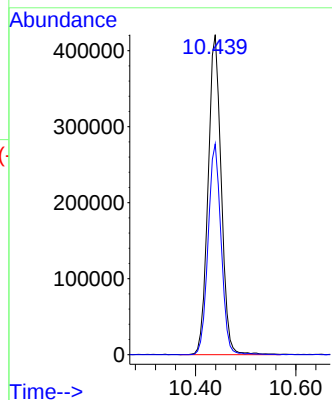
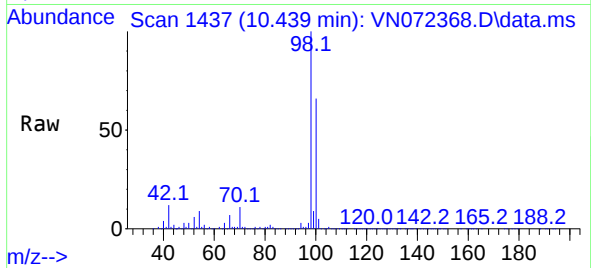




#50
Toluene-d8
Concen: 51.862 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072368.D
Acq: 06 May 2022 20:38

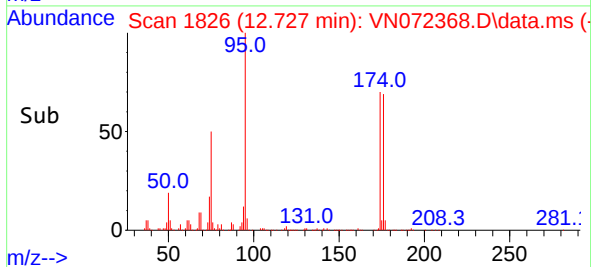
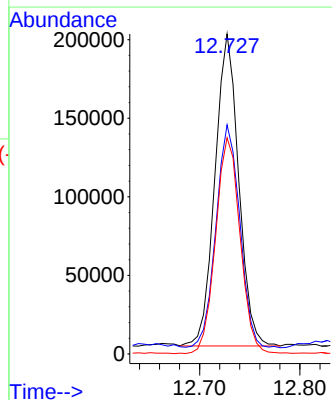
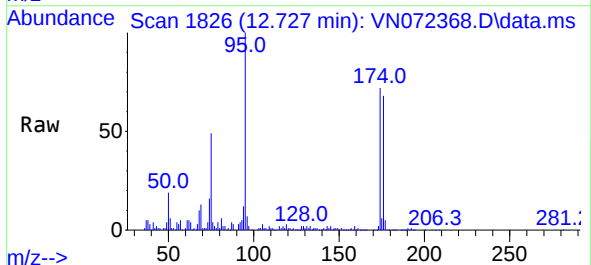
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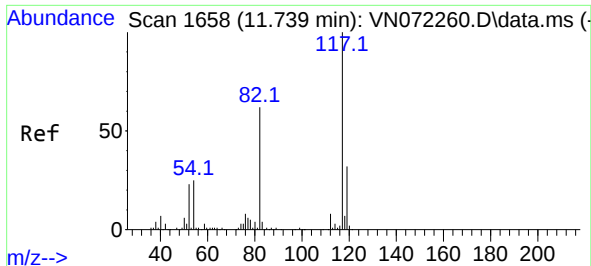
Tgt Ion: 98 Resp: 767304
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 66.136 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072368.D
Acq: 06 May 2022 20:38

Tgt Ion: 95 Resp: 324780
Ion Ratio Lower Upper
95 100
174 72.0 0.0 167.6
176 71.5 0.0 163.4

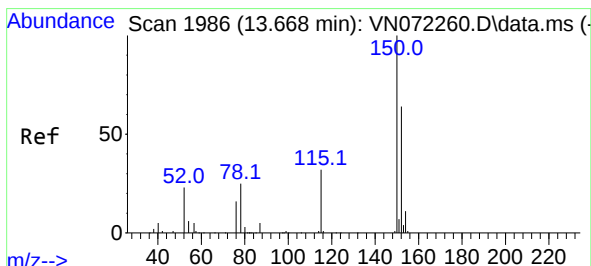
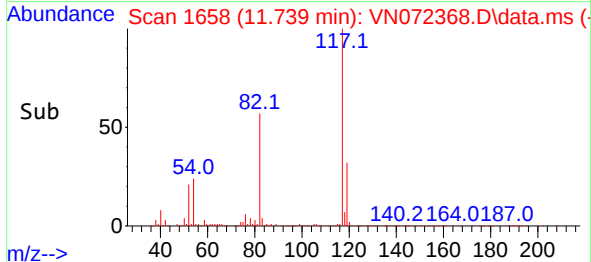
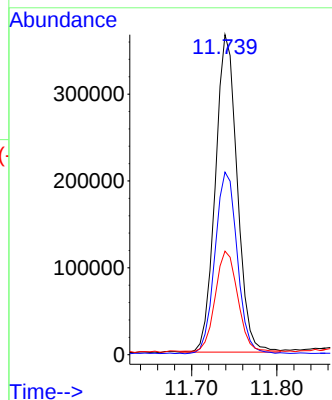
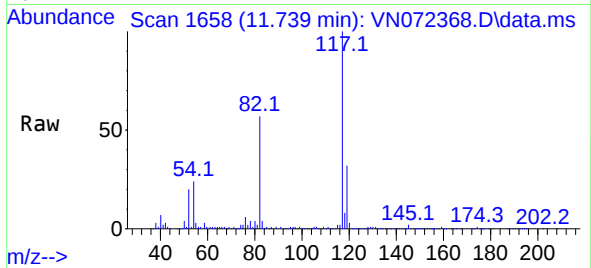




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072368.D
Acq: 06 May 2022 20:38

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 652350
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072368.D
Acq: 06 May 2022 20:38

Tgt Ion:152 Resp: 306914
Ion Ratio Lower Upper
152 100
115 73.8 28.9 86.7
150 146.8 0.0 356.2

