

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040522\
 Data File : VN071859.D
 Acq On : 05 Apr 2022 16:24
 Operator : JC\MD
 Sample : N2258-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-E5-DUP

Quant Time: Apr 06 06:41:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.087	168	604502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1027979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1032666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	359414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	335192	48.571	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.140%
35) Dibromofluoromethane	8.022	113	295835	48.906	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.820%
50) Toluene-d8	10.439	98	1280497	51.747	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.500%
62) 4-Bromofluorobenzene	12.727	95	422071	52.739	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.480%

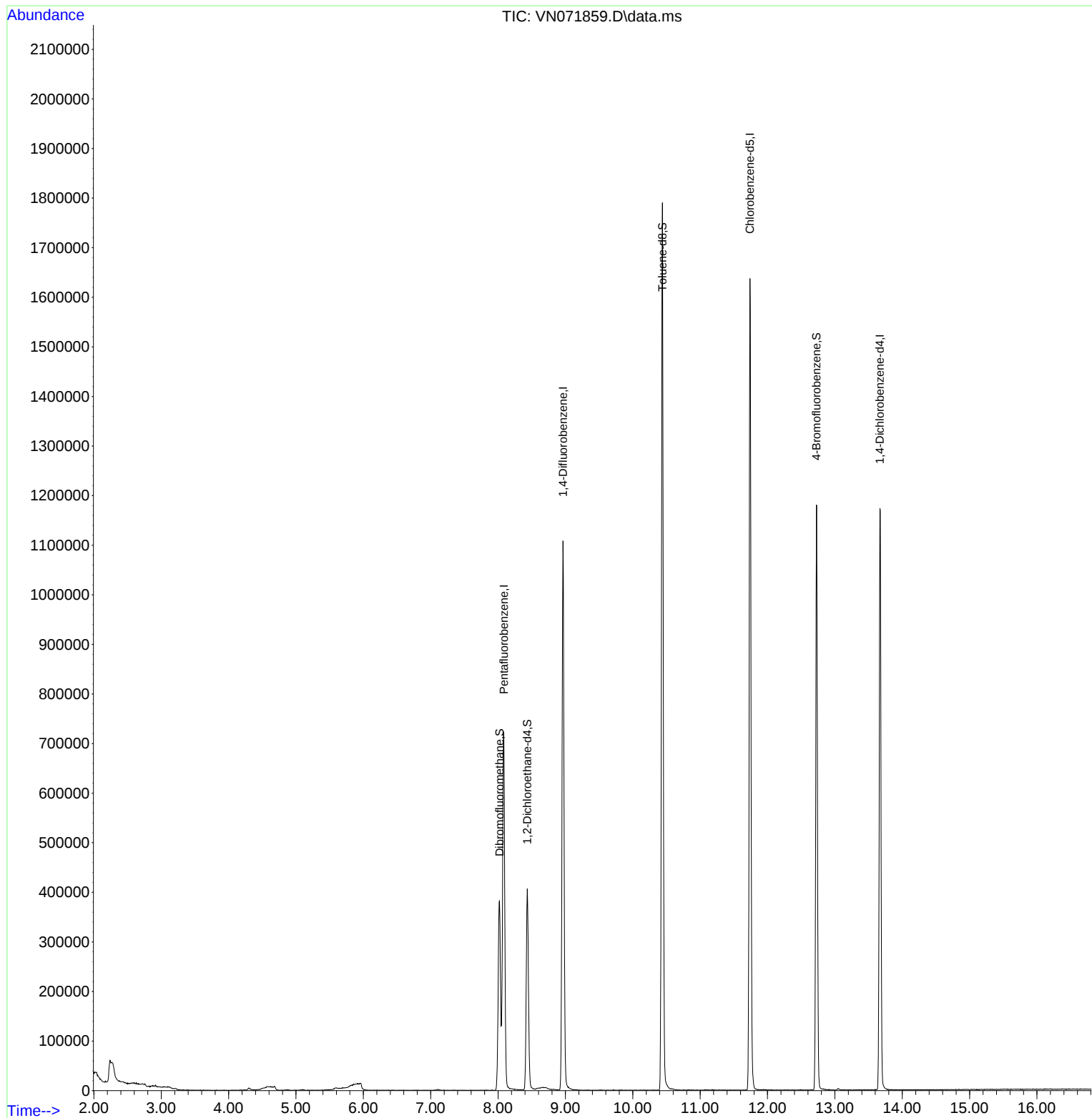
Target Compounds	Qvalue

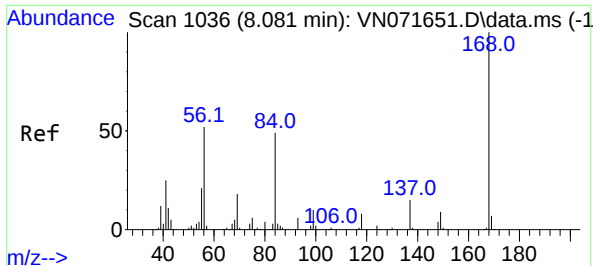
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.087 min Scan# 1

Delta R.T. 0.006 min

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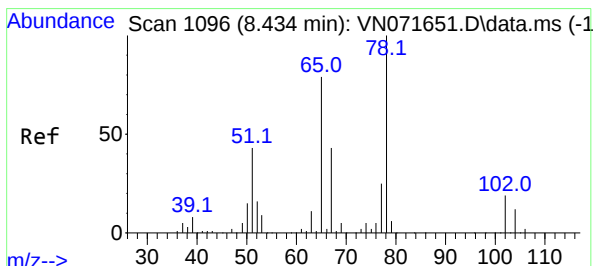
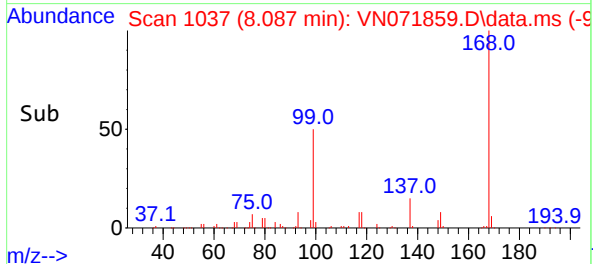
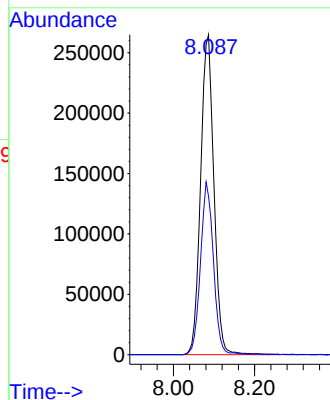
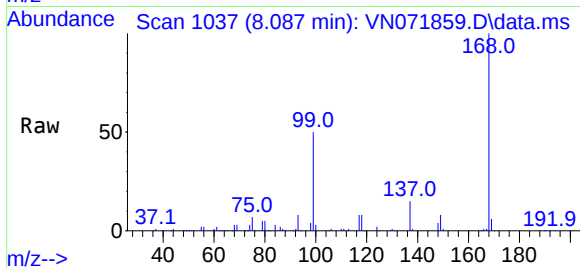
TW-E5-DUP

Tgt Ion:168 Resp: 604502

Ion Ratio Lower Upper

168 100

99 49.6 42.3 63.5



1,2-Dichloroethane-d4

Concen: 48.571 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071859.D

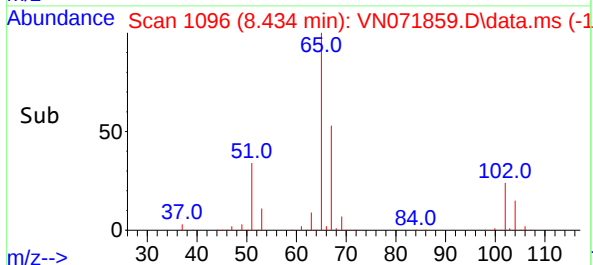
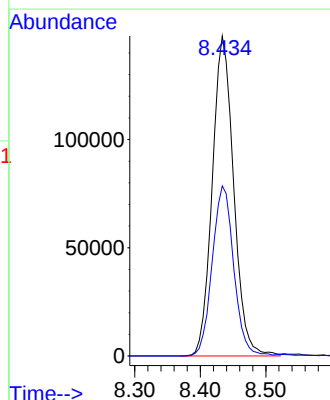
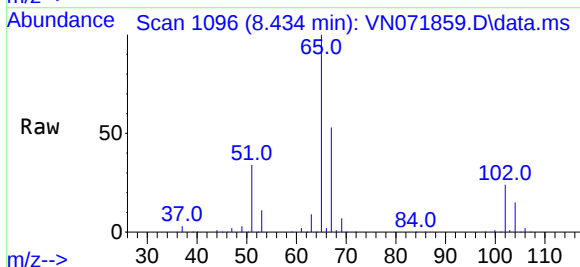
Acq: 05 Apr 2022 16:24

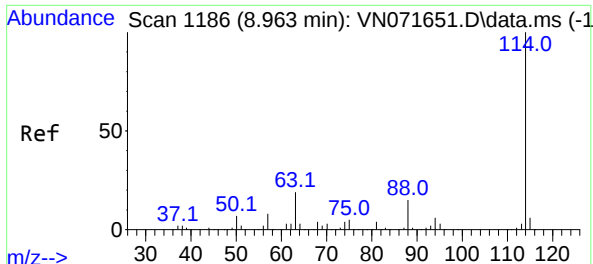
Tgt Ion: 65 Resp: 335192

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.8

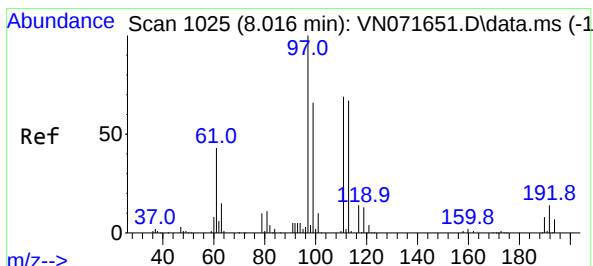
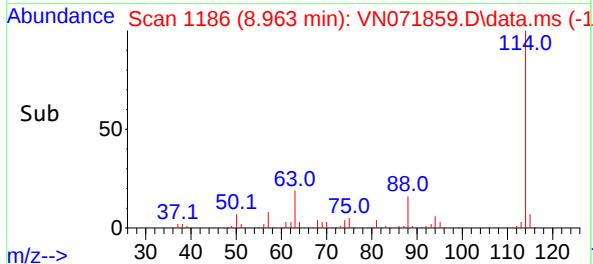
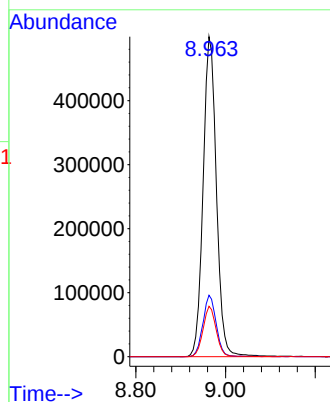
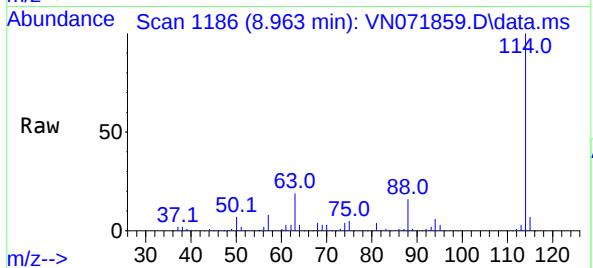




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071859.D
Acq: 05 Apr 2022 16:24

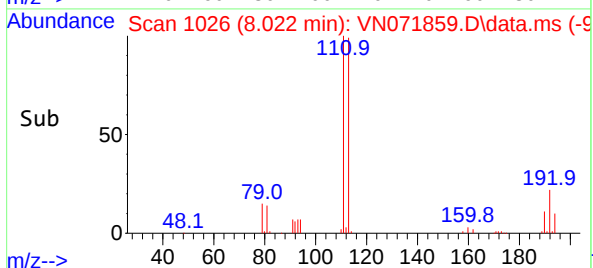
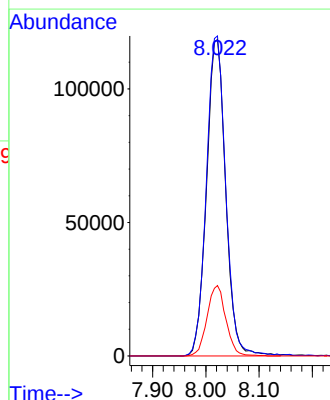
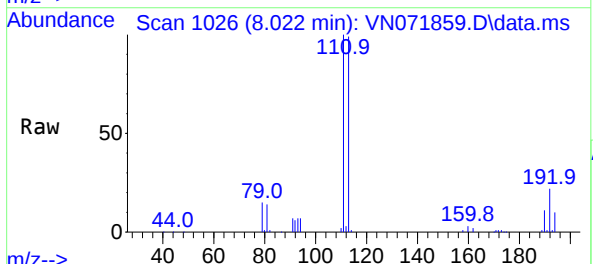
Instrument :
MSVOA_N
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TW-E5-DUP

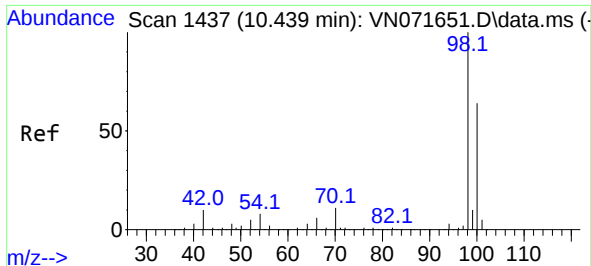
Tgt Ion:114 Resp: 1027979
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.906 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071859.D
Acq: 05 Apr 2022 16:24

Tgt Ion:113 Resp: 295835
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 21.9 17.0 25.6

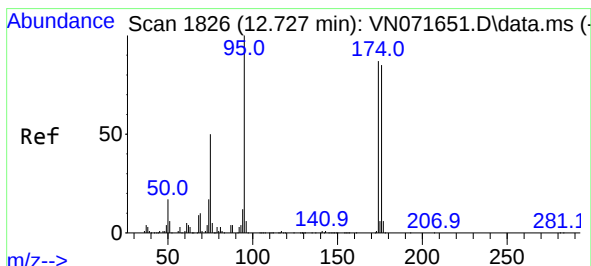
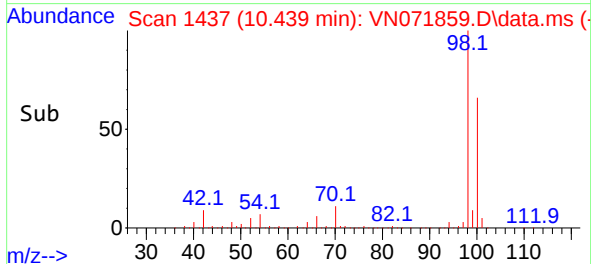
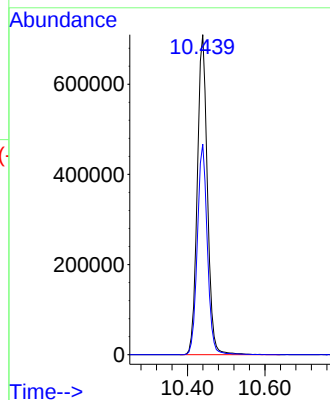
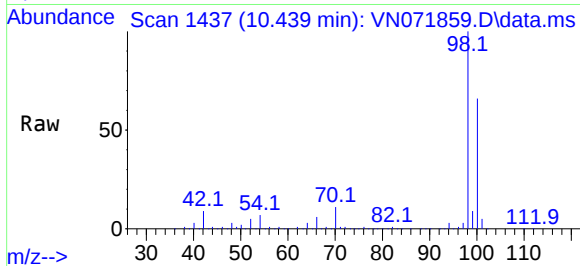




#50
Toluene-d8
Concen: 51.747 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071859.D
Acq: 05 Apr 2022 16:24

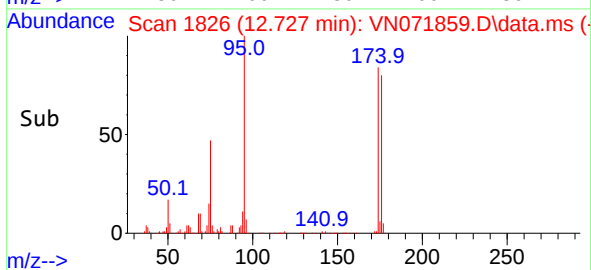
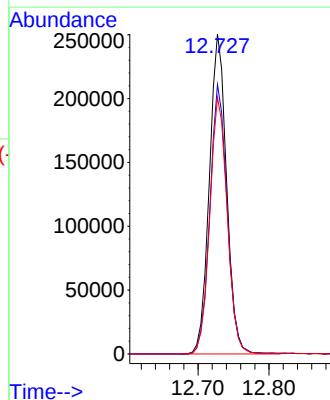
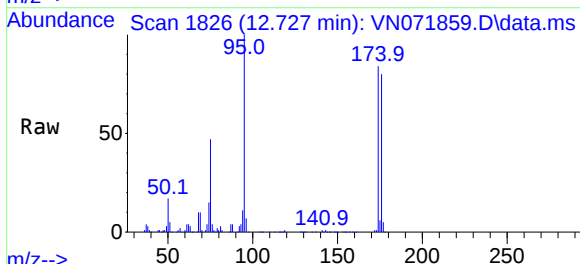
Instrument :
MSVOA_N
ClientSampleId :
TW-E5-DUP

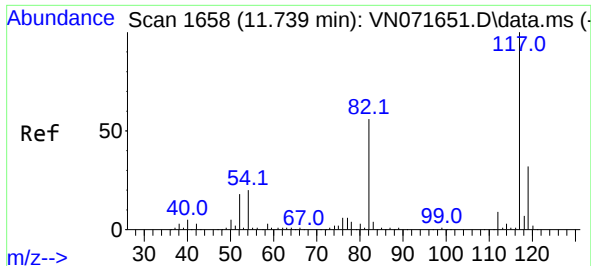
Tgt Ion: 98 Resp: 1280497
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.739 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071859.D
Acq: 05 Apr 2022 16:24

Tgt Ion: 95 Resp: 422071
Ion Ratio Lower Upper
95 100
174 84.3 0.0 167.6
176 81.0 0.0 163.4

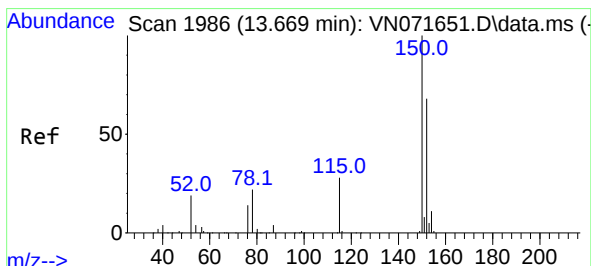
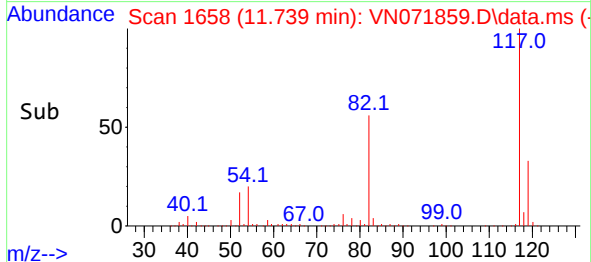
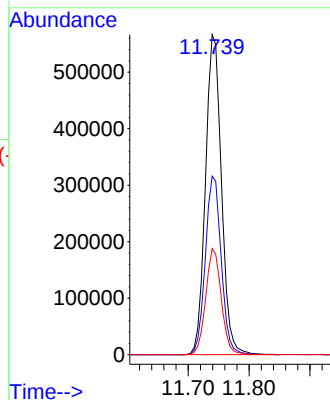
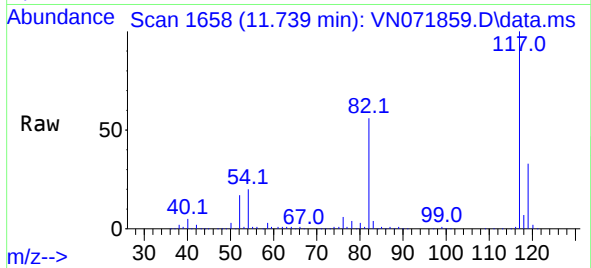




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071859.D
Acq: 05 Apr 2022 16:24

Instrument :
MSVOA_N
ClientSampleId :
TW-E5-DUP

Tgt Ion:117 Resp: 1032666
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071859.D
Acq: 05 Apr 2022 16:24

Tgt Ion:152 Resp: 359414
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 159.0 0.0 356.2

