

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050322\
 Data File : VN072311.D
 Acq On : 03 May 2022 18:08
 Operator : JC\MD
 Sample : N2617-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: May 04 05:14:30 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	8.086	168	181045	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	356967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	376535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	137046	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	146717	52.786	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.580%
35) Dibromofluoromethane	8.022	113	112083	49.056	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.120%
50) Toluene-d8	10.439	98	458080	51.023	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.727	95	172275	57.812	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	115.620%

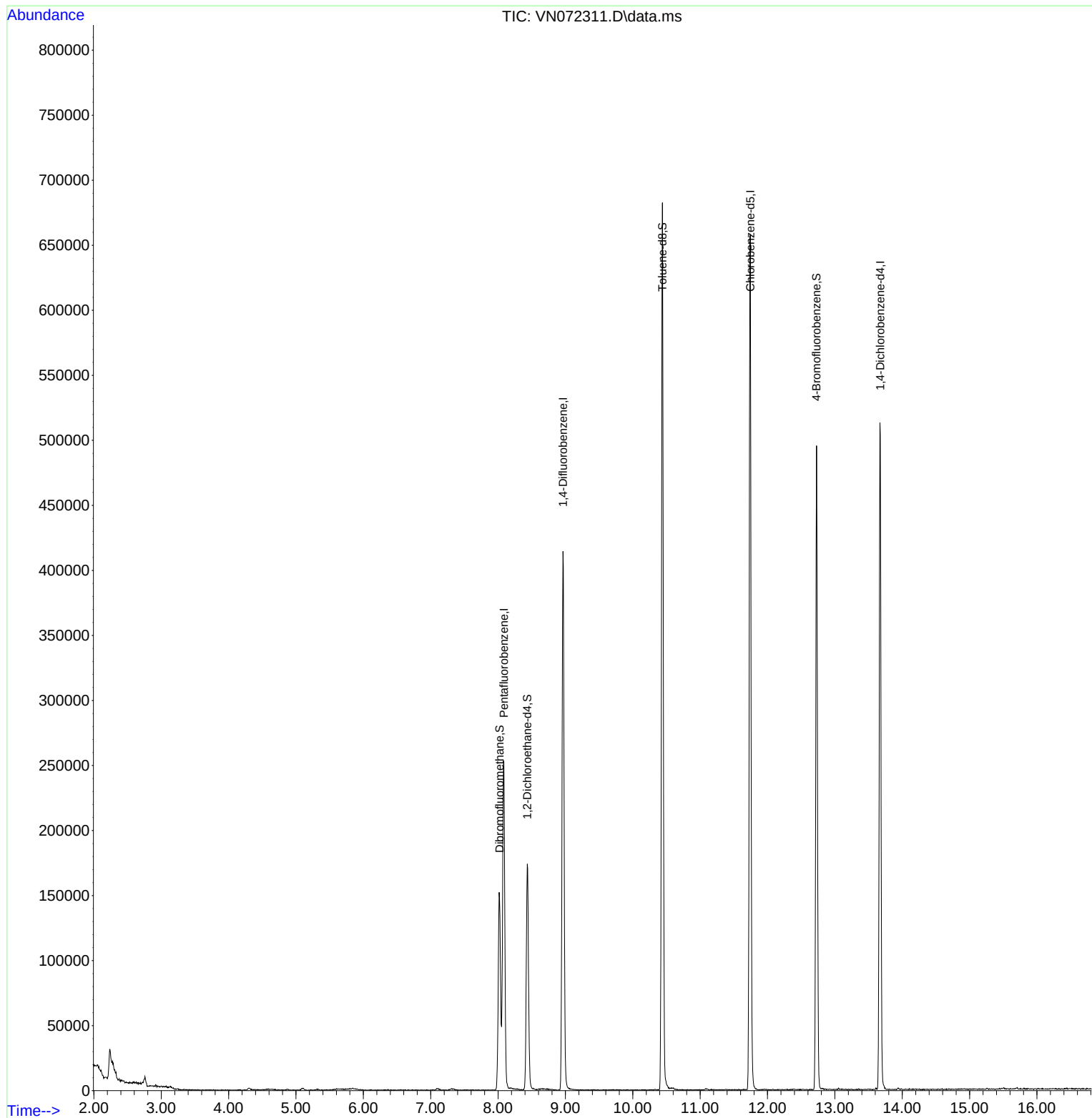
Target Compounds	Qvalue

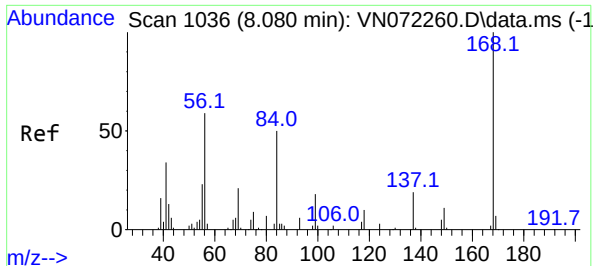
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 1036

Delta R.T. 0.005 min

Lab File: VN072311.D

Acq: 03 May 2022 18:08

Instrument :

MSVOA_N

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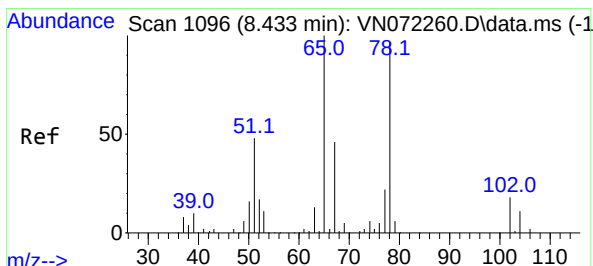
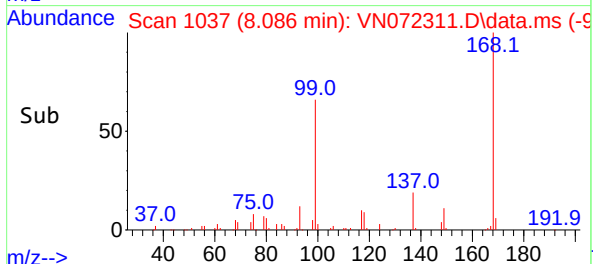
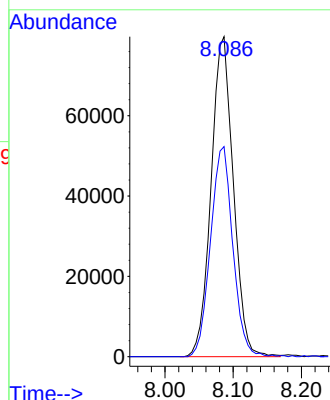
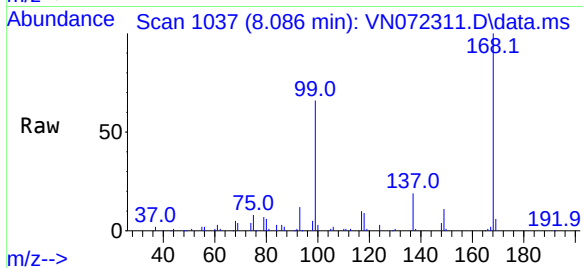
TB

Tgt Ion:168 Resp: 181045

Ion Ratio Lower Upper

168 100

99 65.6 42.3 63.5#



1,2-Dichloroethane-d4

Concen: 52.786 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072311.D

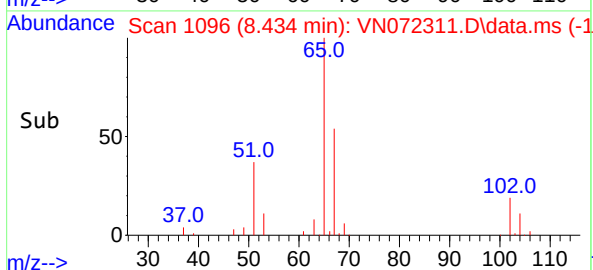
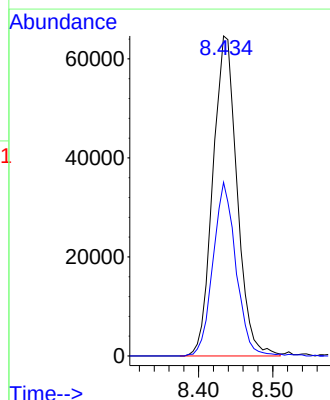
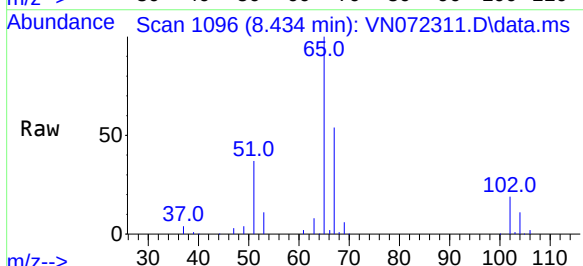
Acq: 03 May 2022 18:08

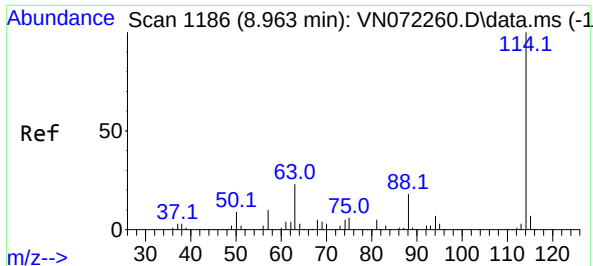
Tgt Ion: 65 Resp: 146717

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8

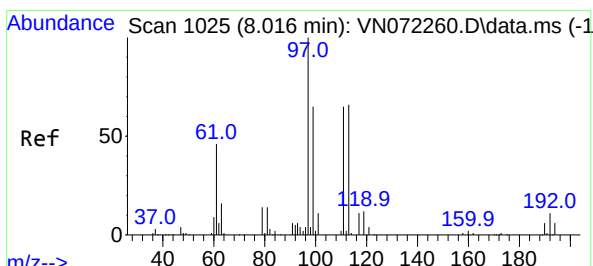
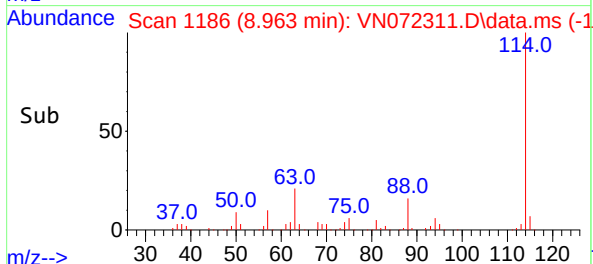
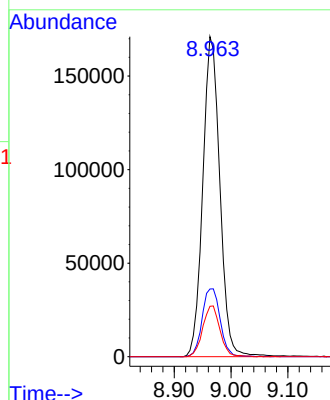
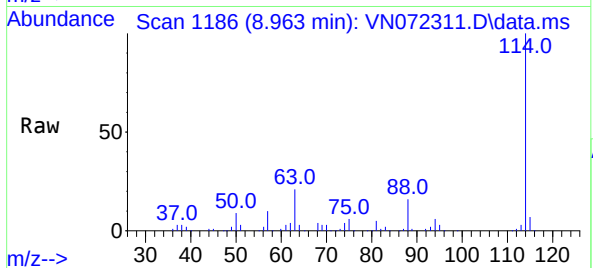




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072311.D
Acq: 03 May 2022 18:08

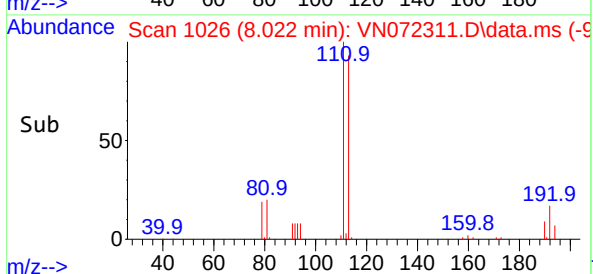
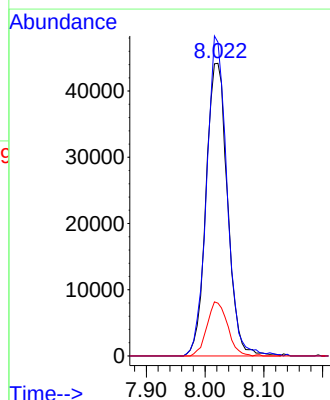
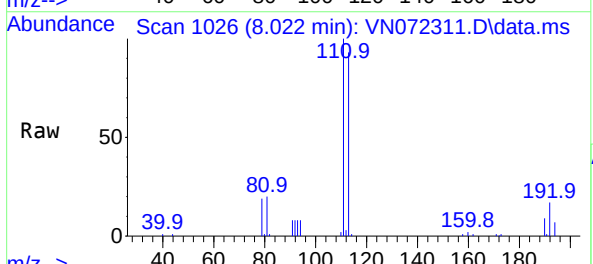
Instrument :
MSVOA_N
ClientSampleId :
TB

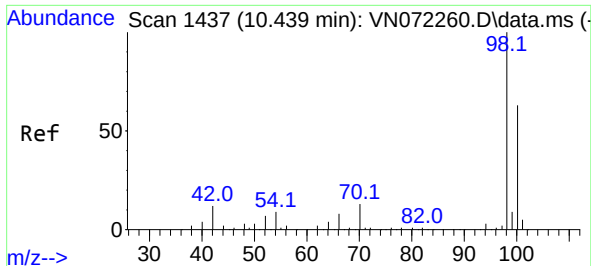
Tgt Ion:114 Resp: 356967
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.0
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.056 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072311.D
Acq: 03 May 2022 18:08

Tgt Ion:113 Resp: 112083
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 17.7 17.0 25.6

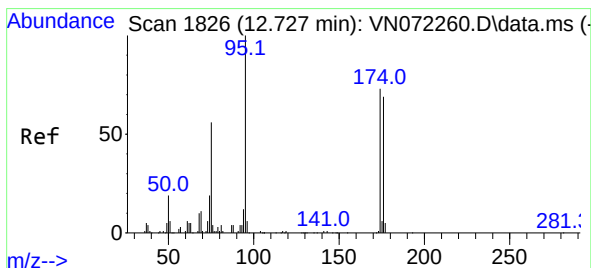
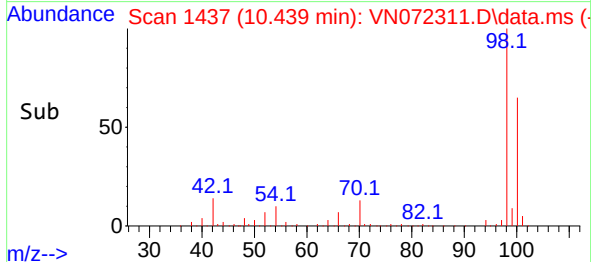
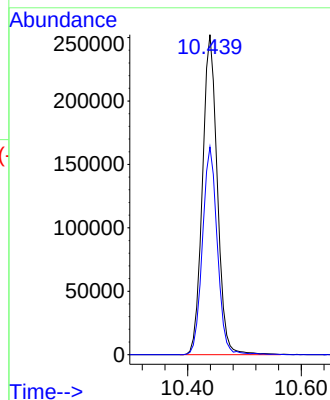
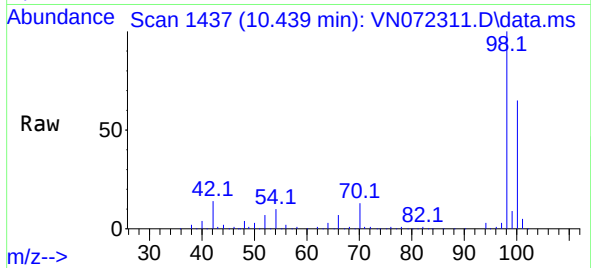




#50
Toluene-d8
Concen: 51.023 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072311.D
Acq: 03 May 2022 18:08

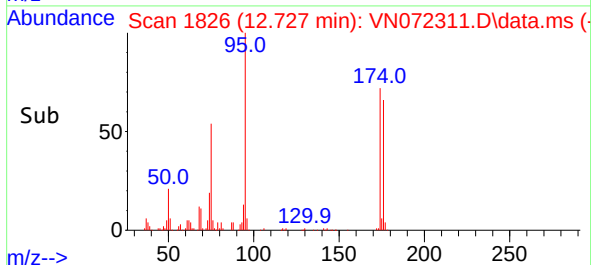
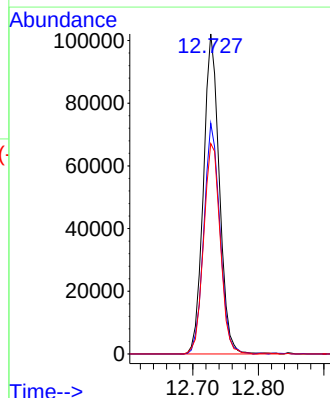
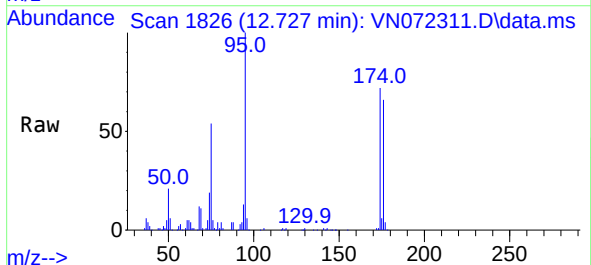
Instrument :
MSVOA_N
ClientSampleId :
TB

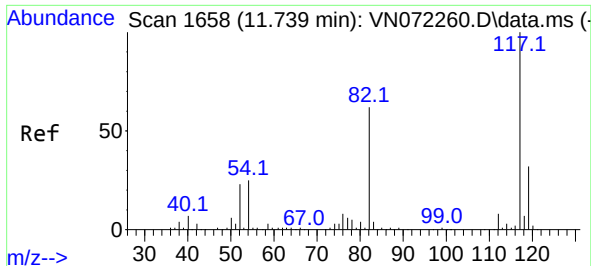
Tgt Ion: 98 Resp: 458080
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.812 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072311.D
Acq: 03 May 2022 18:08

Tgt Ion: 95 Resp: 172275
Ion Ratio Lower Upper
95 100
174 72.6 0.0 167.6
176 68.6 0.0 163.4

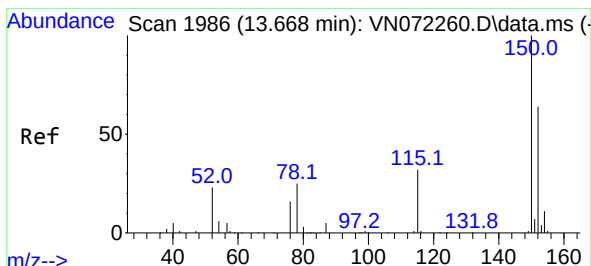
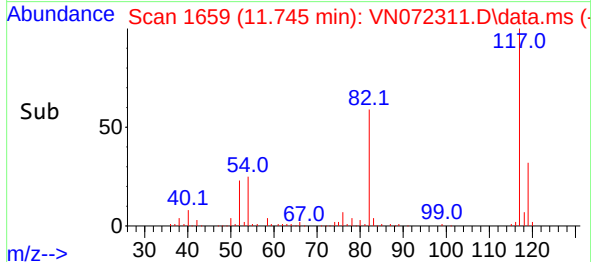
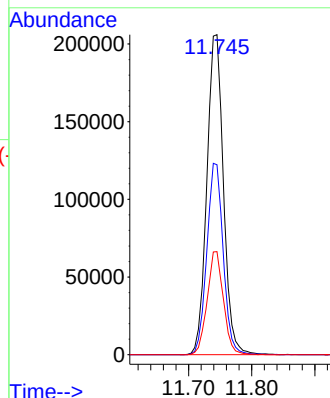
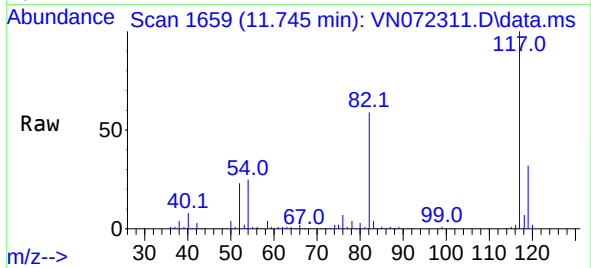




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072311.D
Acq: 03 May 2022 18:08

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:117 Resp: 376535
Ion Ratio Lower Upper
117 100
82 59.3 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: VN072311.D
Acq: 03 May 2022 18:08

Tgt Ion:152 Resp: 137046
Ion Ratio Lower Upper
152 100
115 62.8 28.9 86.7
150 161.7 0.0 356.2

