

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070979.D
 Acq On : 17 Feb 2022 15:04
 Operator : JC\MD
 Sample : N1581-23
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-20220215

Quant Time: Feb 18 00:45:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

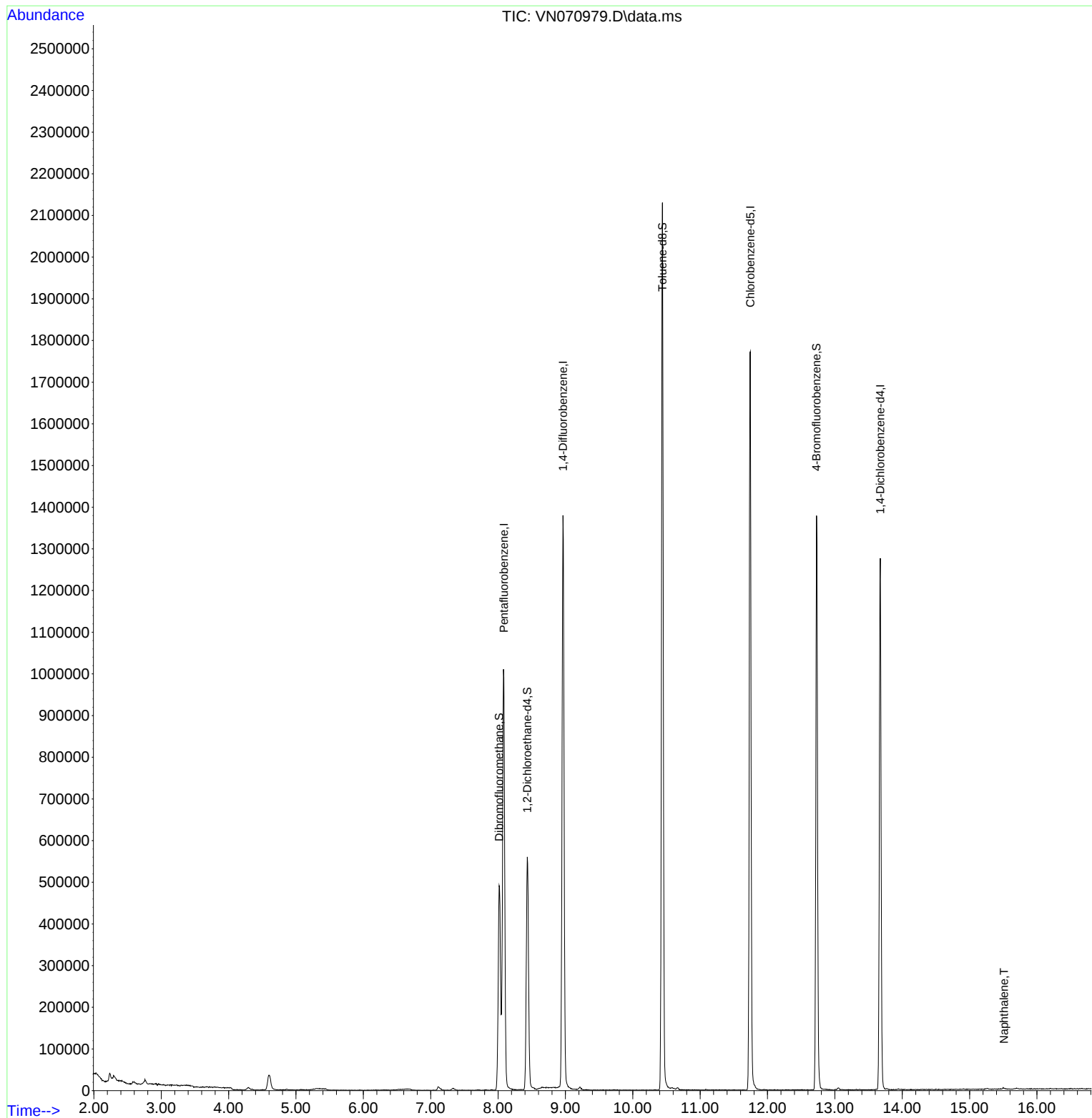
Internal Standards						
1) Pentafluorobenzene	8.086	168	796506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1235111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1083222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	373822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	469893	51.644	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.280%
35) Dibromofluoromethane	8.016	113	370892	50.486	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.980%
50) Toluene-d8	10.439	98	1484905	50.331	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.727	95	487689	46.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.500%
Target Compounds						
						Qvalue
95) Naphthalene	15.510	128	3948	5.202	ug/l #	88

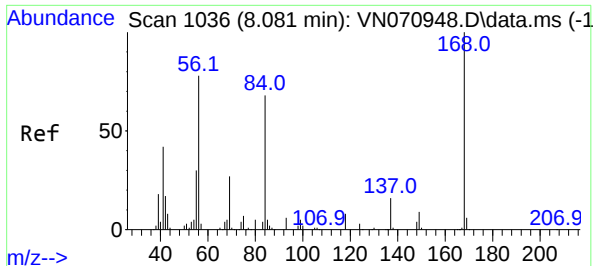
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 1036

Delta R.T. 0.005 min

Lab File: VN070979.D

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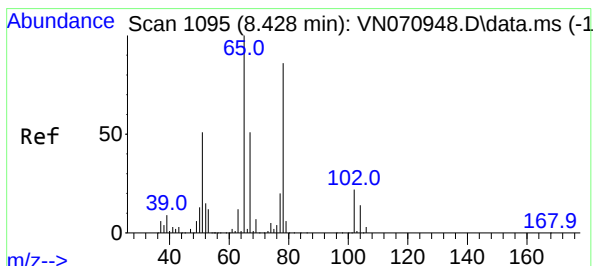
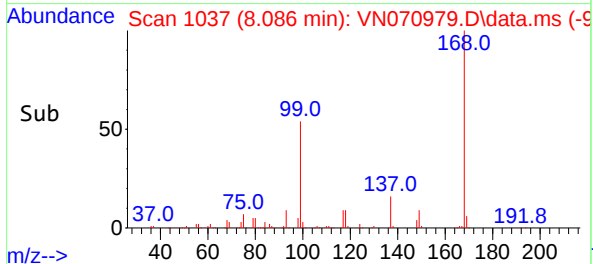
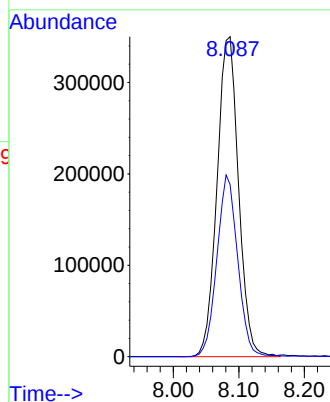
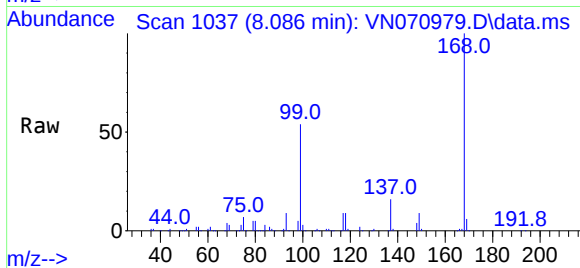
TB01-20220215

Tgt Ion:168 Resp: 796506

Ion Ratio Lower Upper

168 100

99 53.7 41.3 61.9



1,2-Dichloroethane-d4

Concen: 51.644 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.006 min

Lab File: VN070979.D

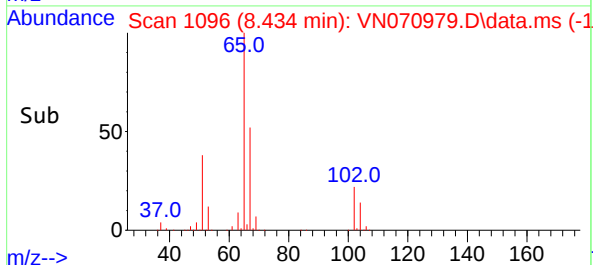
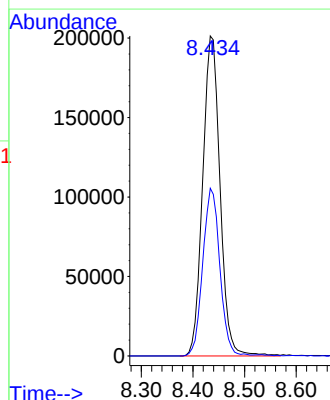
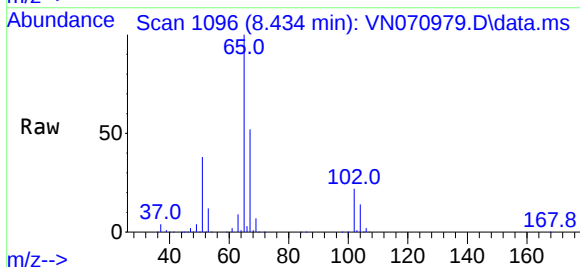
Acq: 17 Feb 2022 15:04

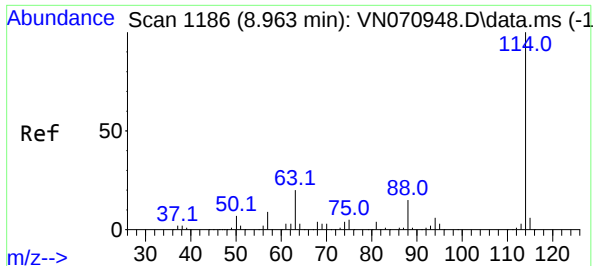
Tgt Ion: 65 Resp: 469893

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0

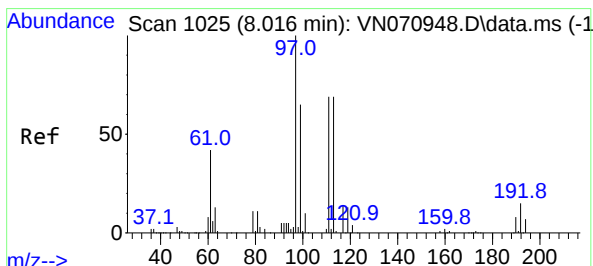
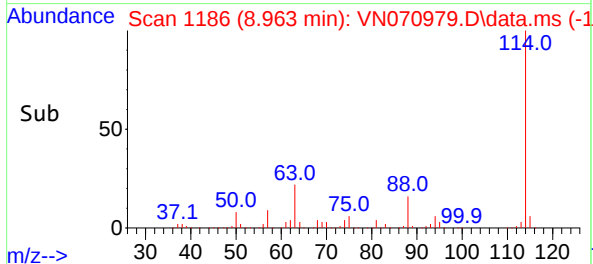
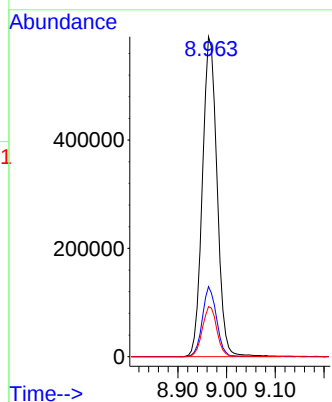
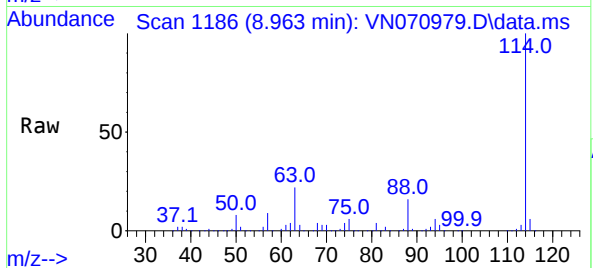




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN070979.D
Acq: 17 Feb 2022 15:04

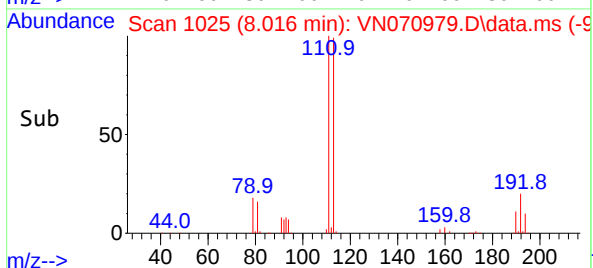
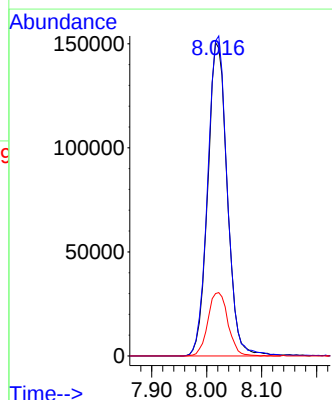
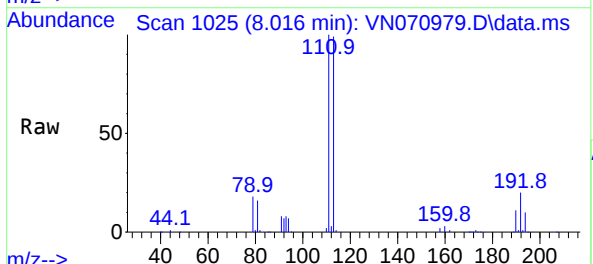
Instrument :
MSVOA_N
ClientSampleId :
TB01-20220215

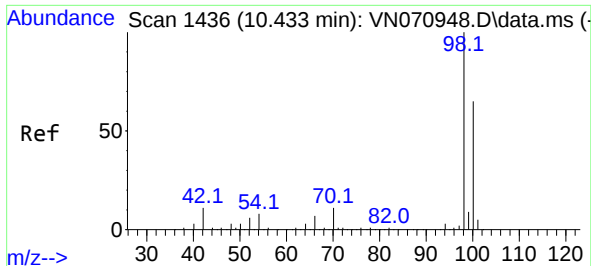
Tgt Ion:114 Resp: 1235111
Ion Ratio Lower Upper
114 100
63 21.9 0.0 37.8
88 15.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 50.486 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN070979.D
Acq: 17 Feb 2022 15:04

Tgt Ion:113 Resp: 370892
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.8 16.9 25.3

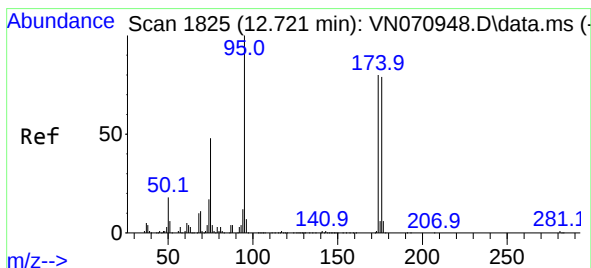
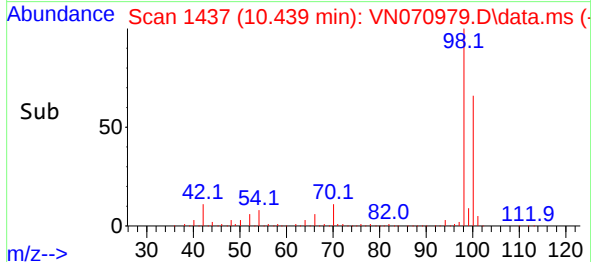
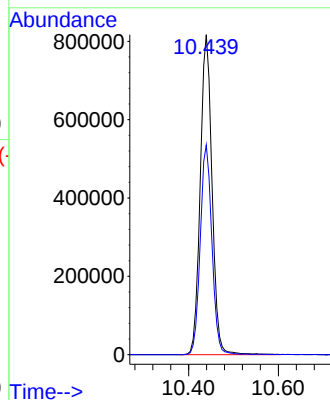
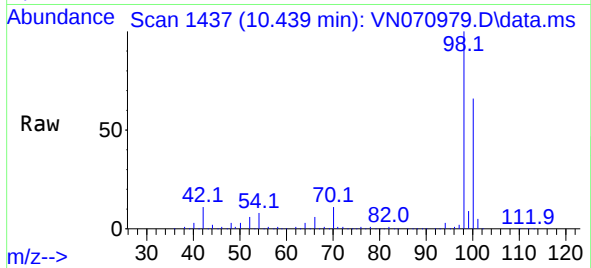




#50
Toluene-d8
Concen: 50.331 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN070979.D
Acq: 17 Feb 2022 15:04

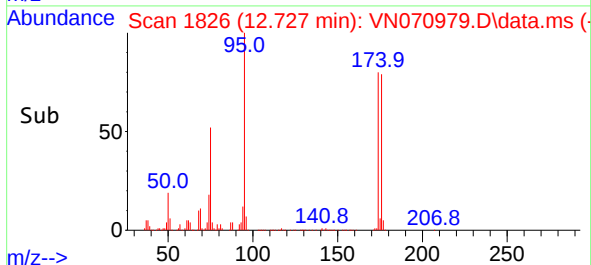
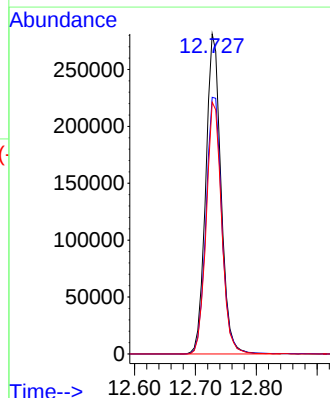
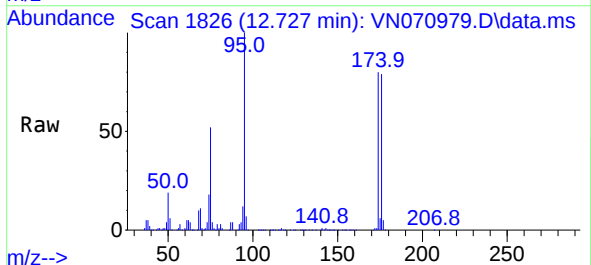
Instrument :
MSVOA_N
ClientSampleId :
TB01-20220215

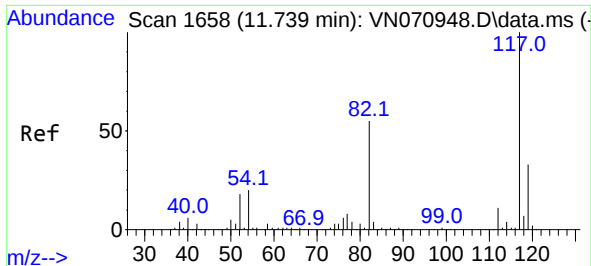
Tgt Ion: 98 Resp: 1484905
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 46.246 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070979.D
Acq: 17 Feb 2022 15:04

Tgt Ion: 95 Resp: 487689
Ion Ratio Lower Upper
95 100
174 83.3 0.0 187.2
176 79.3 0.0 181.4

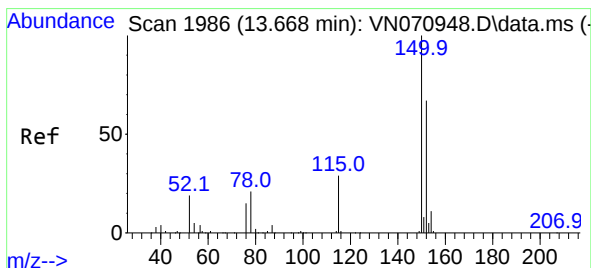
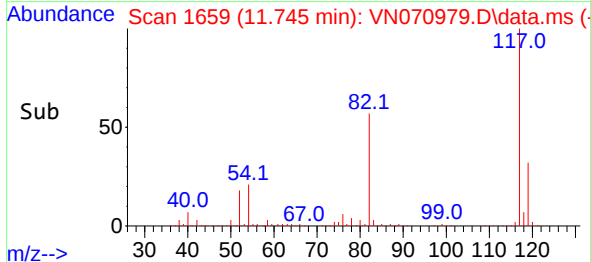
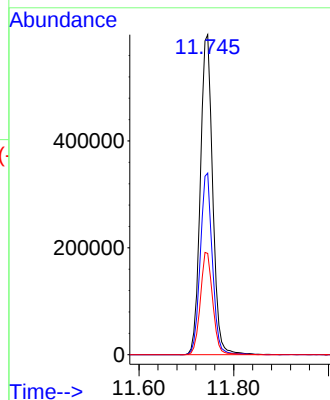
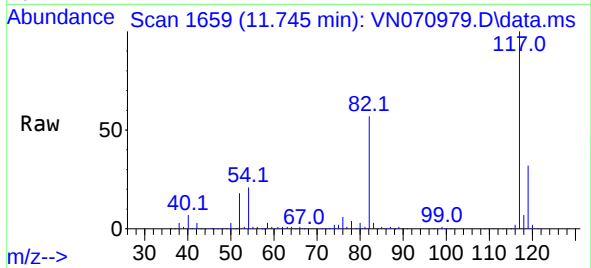




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN070979.D
Acq: 17 Feb 2022 15:04

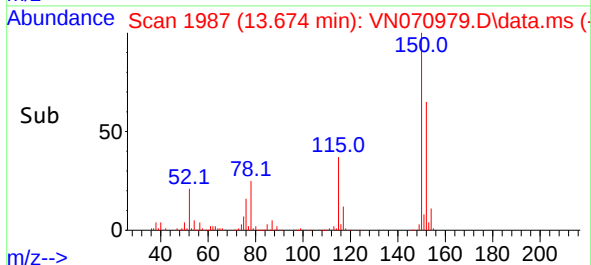
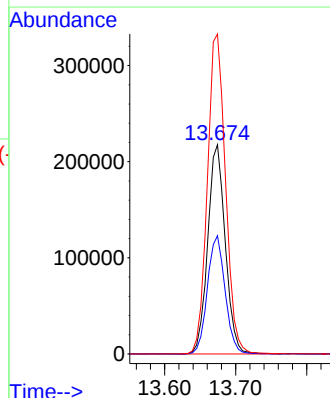
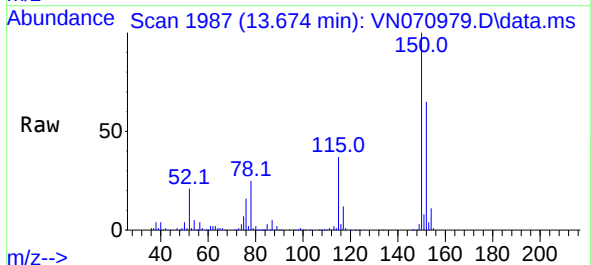
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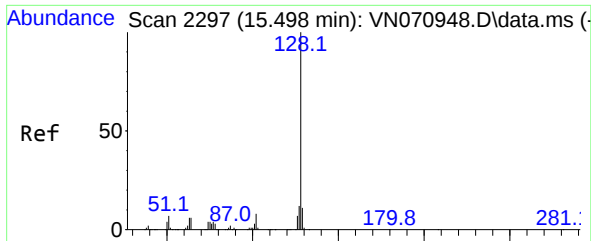
Tgt Ion:117 Resp: 1083222
Ion Ratio Lower Upper
117 100
82 56.7 42.4 63.6
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN070979.D
Acq: 17 Feb 2022 15:04

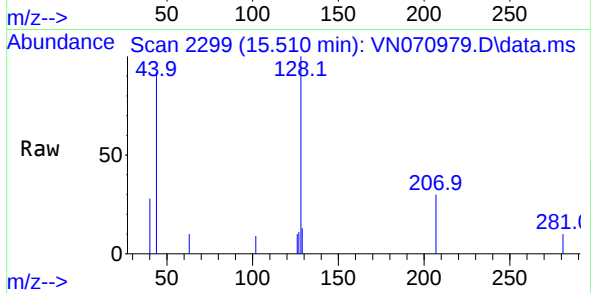
Tgt Ion:152 Resp: 373822
Ion Ratio Lower Upper
152 100
115 57.0 27.5 82.5
150 158.0 0.0 344.4





#95
Naphthalene
Concen: 5.202 ug/l
RT: 15.510 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN070979.D
Acq: 17 Feb 2022 15:04

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ClientSampleId :
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Tgt Ion:	128	Resp:	3948
Ion	Ratio	Lower	Upper
128	100		
127	8.5	10.5	15.7#
129	6.3	8.7	13.1#

