

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070977.D
 Acq On : 17 Feb 2022 14:14
 Operator : JC\MD
 Sample : N1581-25 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP02-20220215

Quant Time: Feb 18 00:44:51 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)

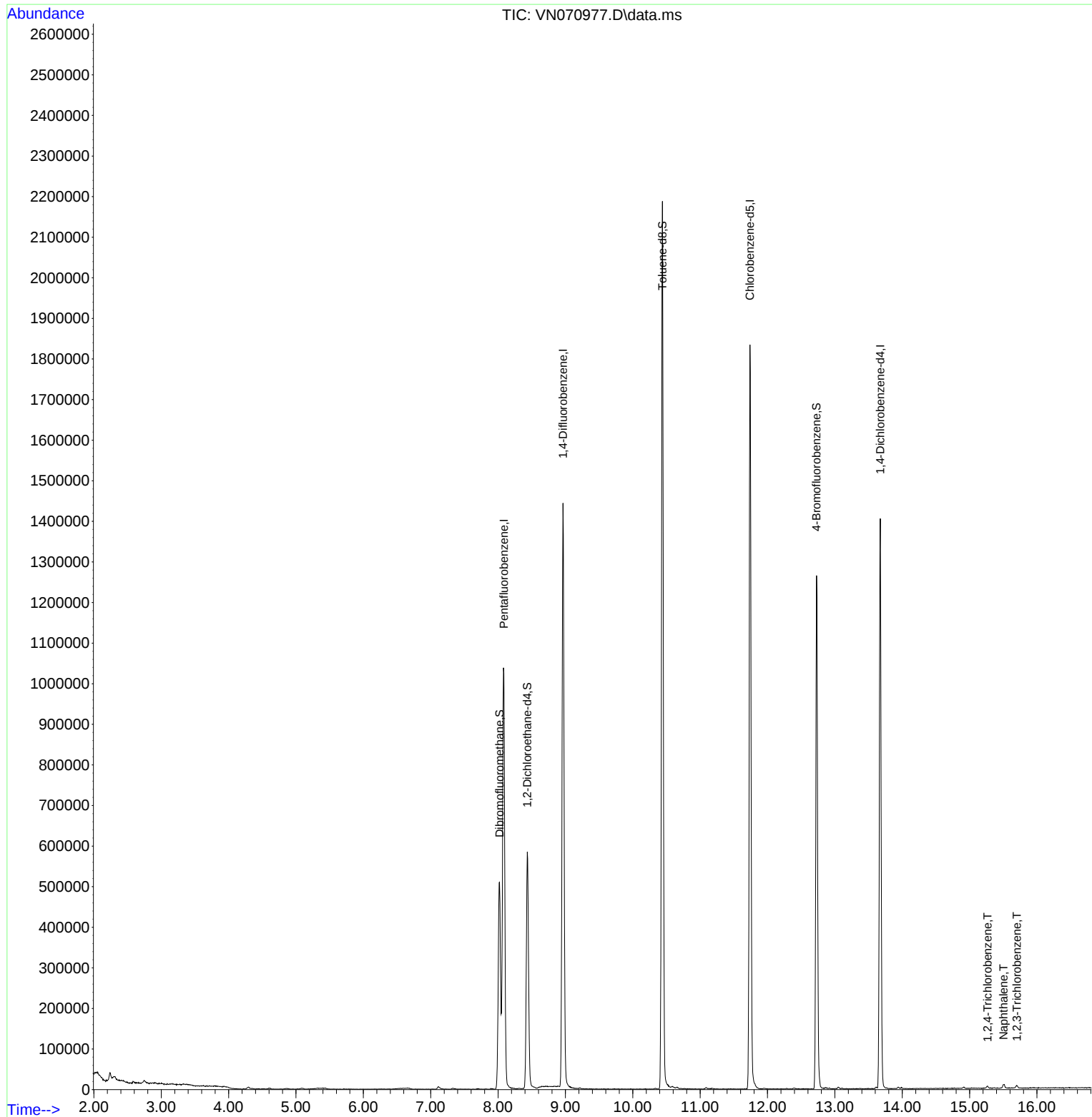
Internal Standards						
1) Pentafluorobenzene	8.086	168	831605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1289612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1139616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	411177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	478409	50.361	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.720%	
35) Dibromofluoromethane	8.022	113	386455	50.381	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.760%	
50) Toluene-d8	10.439	98	1518227	49.286	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.580%	
62) 4-Bromofluorobenzene	12.727	95	457257	41.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 83.060%	
Target Compounds						
						Qvalue
93) 1,2,4-Trichlorobenzene	15.268	180	2547	2.322	ug/l	95
95) Naphthalene	15.504	128	10820	5.519	ug/l	97
96) 1,2,3-Trichlorobenzene	15.704	180	2982	2.922	ug/l	99

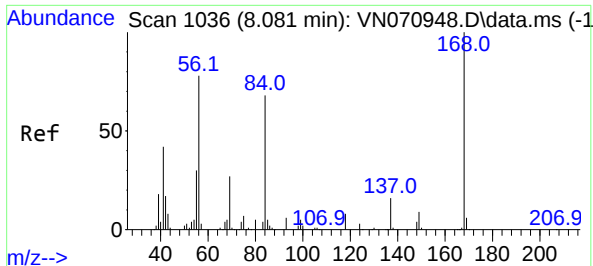
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 1036

Delta R.T. 0.005 min

Lab File: VN070977.D

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MSVOA_N

ClientSampleId :

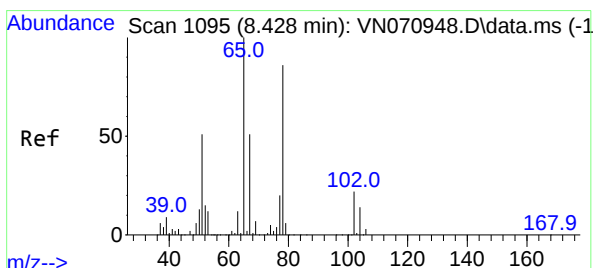
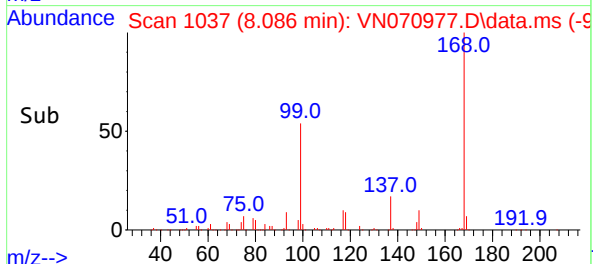
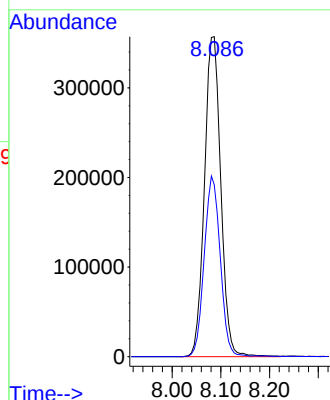
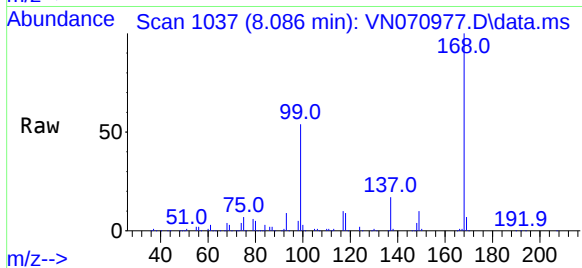
DUP02-20220215

Tgt Ion:168 Resp: 831605

Ion Ratio Lower Upper

168 100

99 53.7 41.3 61.9



1,2-Dichloroethane-d4

Concen: 50.361 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.006 min

Lab File: VN070977.D

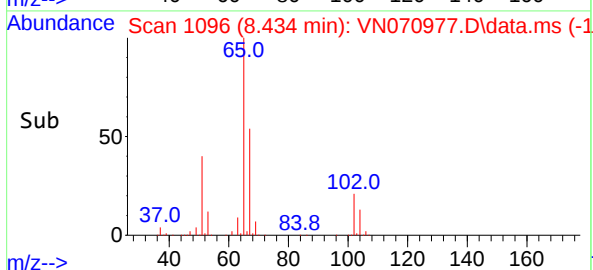
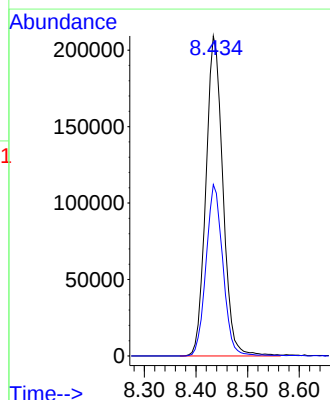
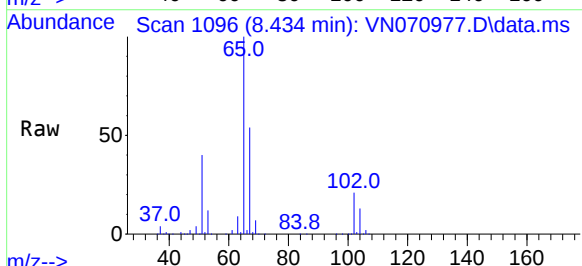
Acq: 17 Feb 2022 14:14

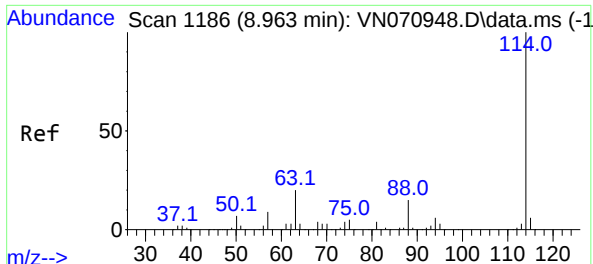
Tgt Ion: 65 Resp: 478409

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0

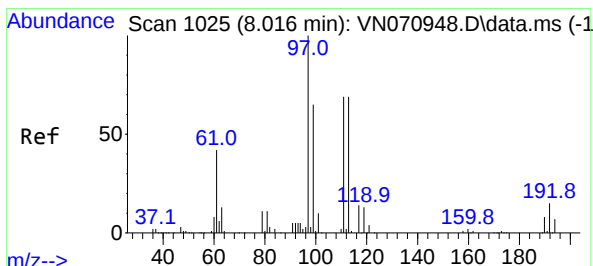
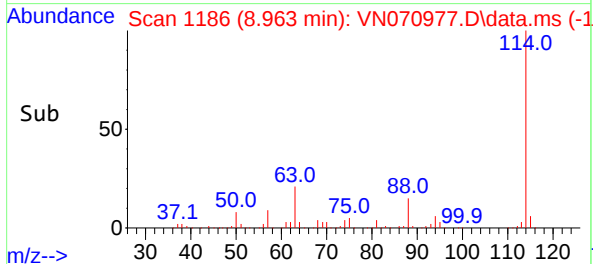
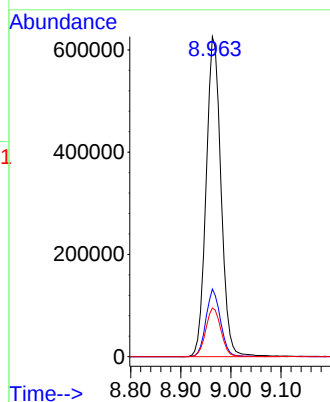
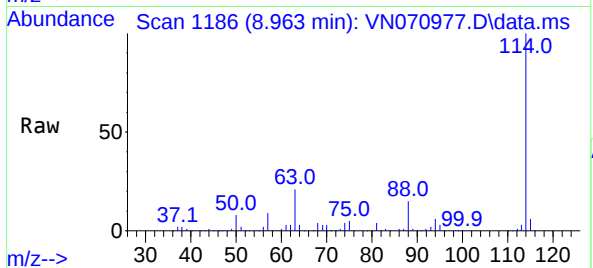




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

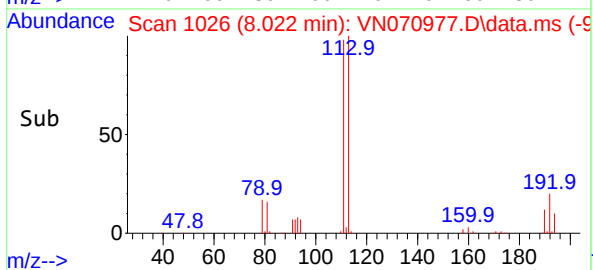
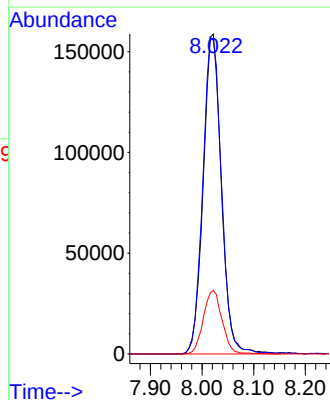
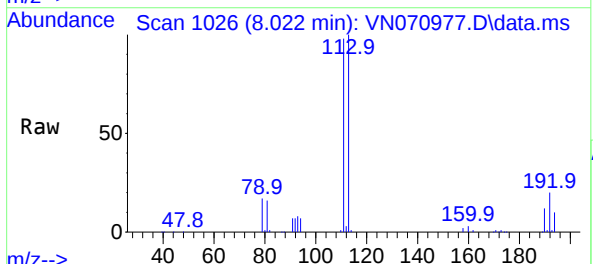
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20220215

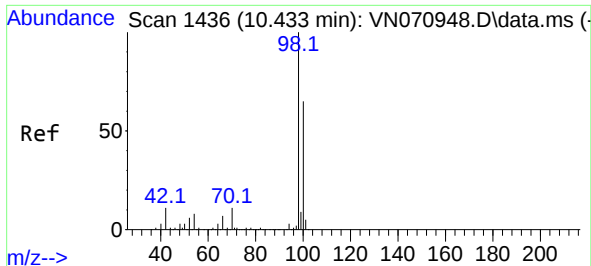
Tgt Ion:114 Resp: 1289612
Ion Ratio Lower Upper
114 100
63 21.1 0.0 37.8
88 15.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 50.381 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

Tgt Ion:113 Resp: 386455
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.4 16.9 25.3

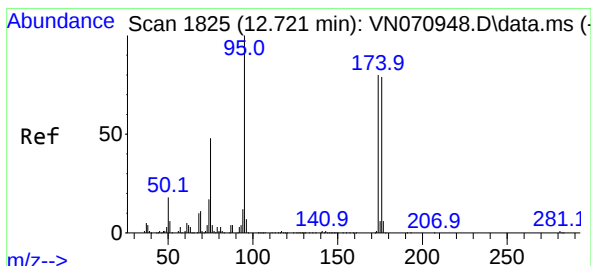
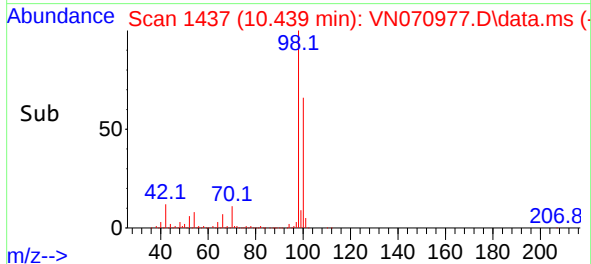
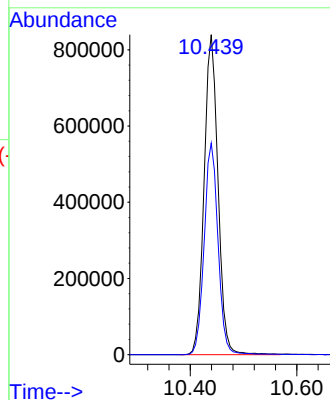
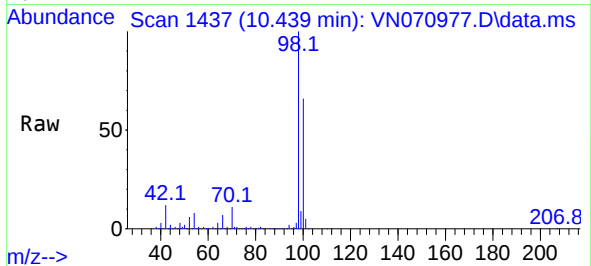




#50
Toluene-d8
Concen: 49.286 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

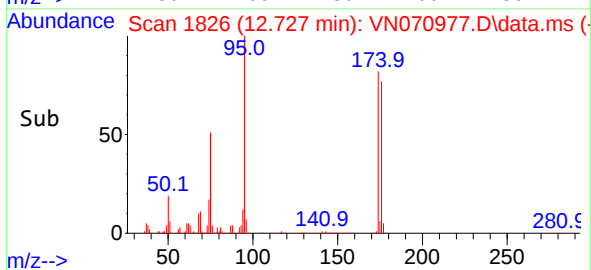
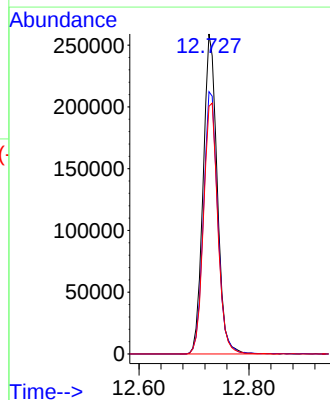
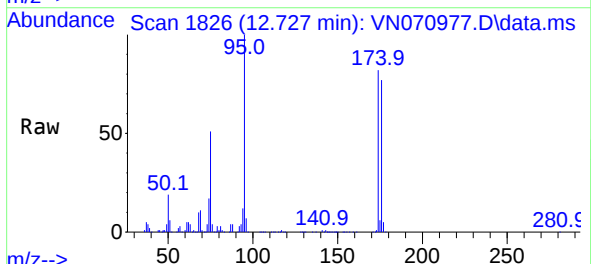
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20220215

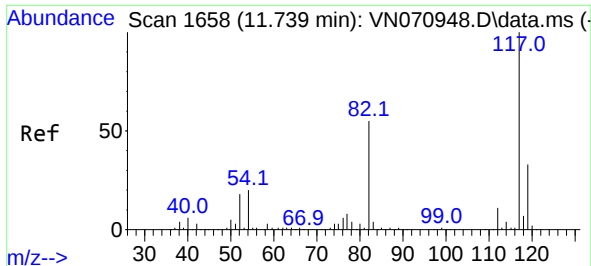
Tgt Ion: 98 Resp: 1518227
Ion Ratio Lower Upper
98 100
100 66.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 41.528 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

Tgt Ion: 95 Resp: 457257
Ion Ratio Lower Upper
95 100
174 83.3 0.0 187.2
176 80.0 0.0 181.4

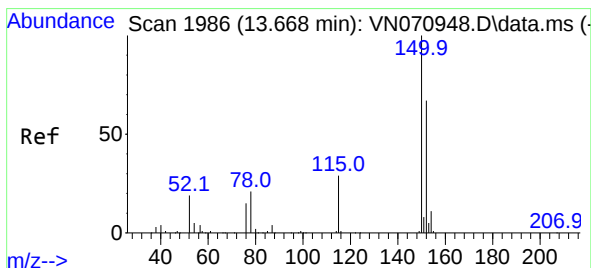
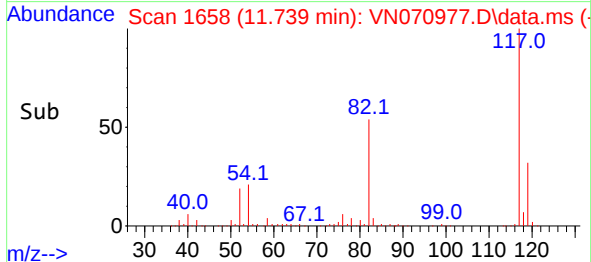
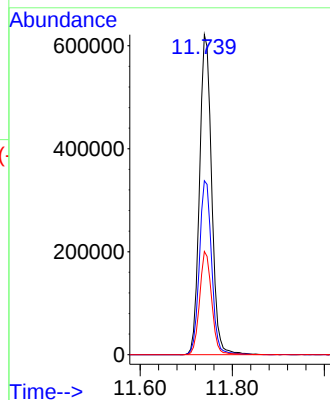
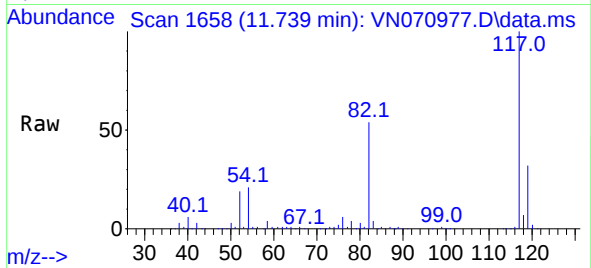




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

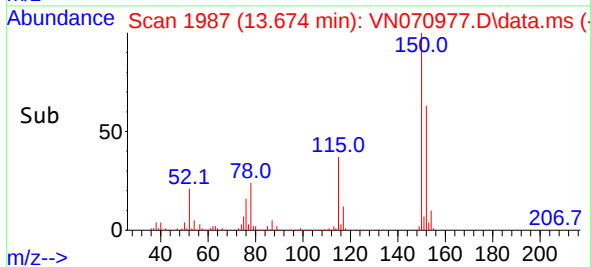
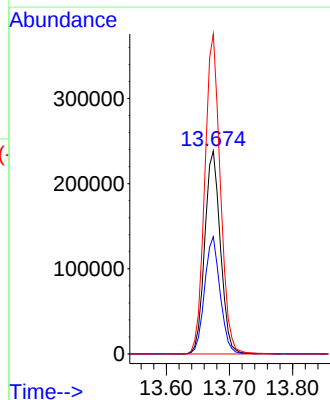
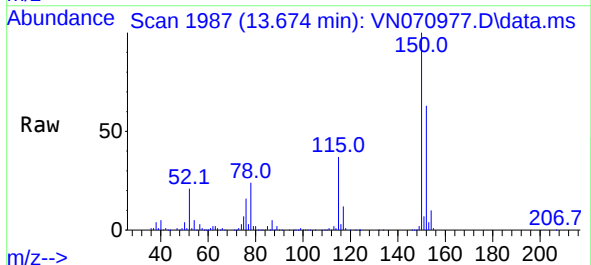
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ClientSampleId :
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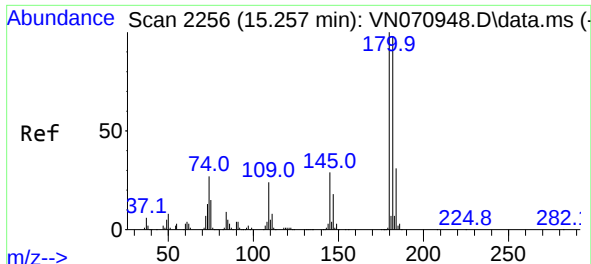
Tgt Ion:117 Resp: 1139616
Ion Ratio Lower Upper
117 100
82 54.4 42.4 63.6
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

Tgt Ion:152 Resp: 411177
Ion Ratio Lower Upper
152 100
115 57.3 27.5 82.5
150 156.6 0.0 344.4

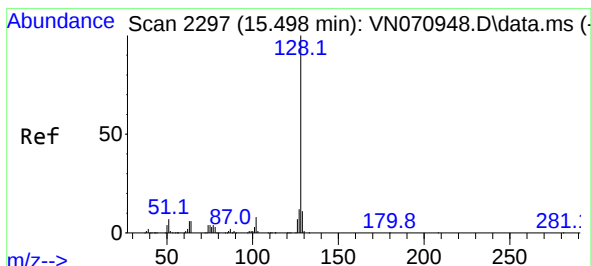
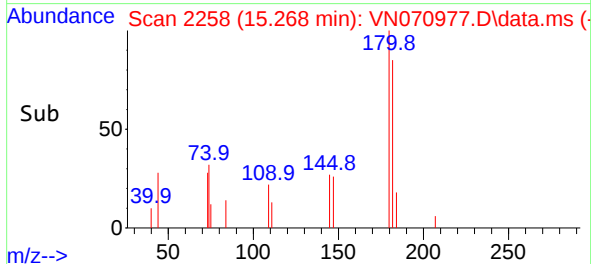
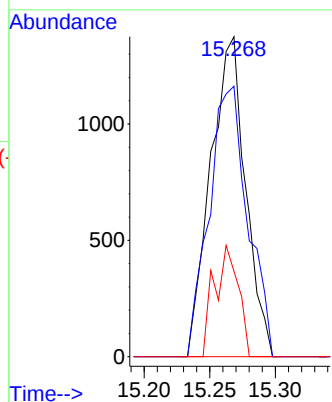
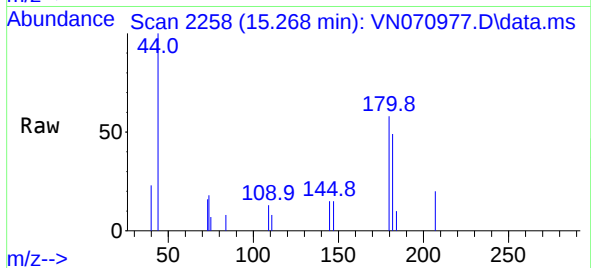




#93
1,2,4-Trichlorobenzene
Concen: 2.322 ug/l
RT: 15.268 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

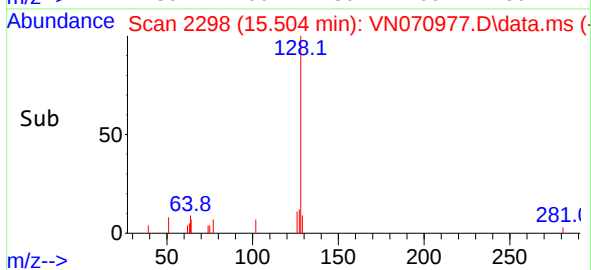
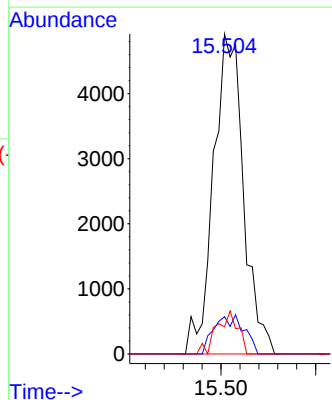
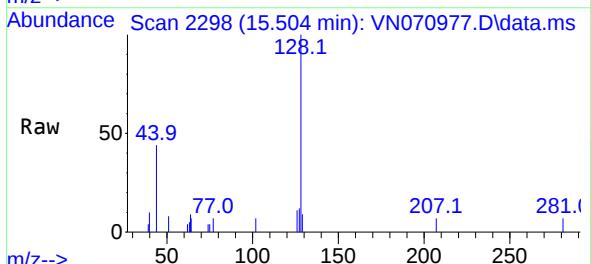
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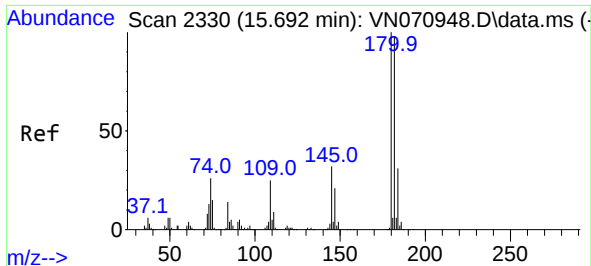
Tgt Ion:	180	Resp:	2547
Ion Ratio	Lower	Upper	
180	100		
182	93.4	48.3	144.9
145	23.8	14.5	43.5



#95
Naphthalene
Concen: 5.519 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

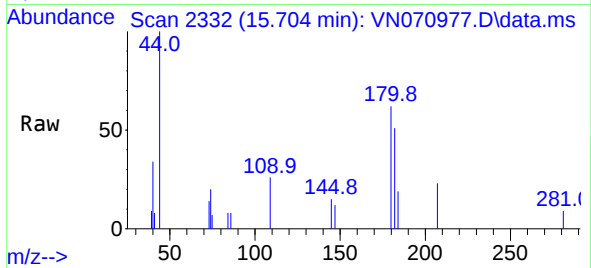
Tgt Ion:	128	Resp:	10820
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.5	15.7
129	9.5	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.922 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN070977.D
 Acq: 17 Feb 2022 14:14

Instrument :
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Tgt Ion:	180	Resp:	2982
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.4	142.2
145	31.9	15.0	45.1

