

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070985.D
 Acq On : 17 Feb 2022 17:33
 Operator : JC\MD
 Sample : N1581-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-118.5T-20220215

Quant Time: Feb 18 00:48:01 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)

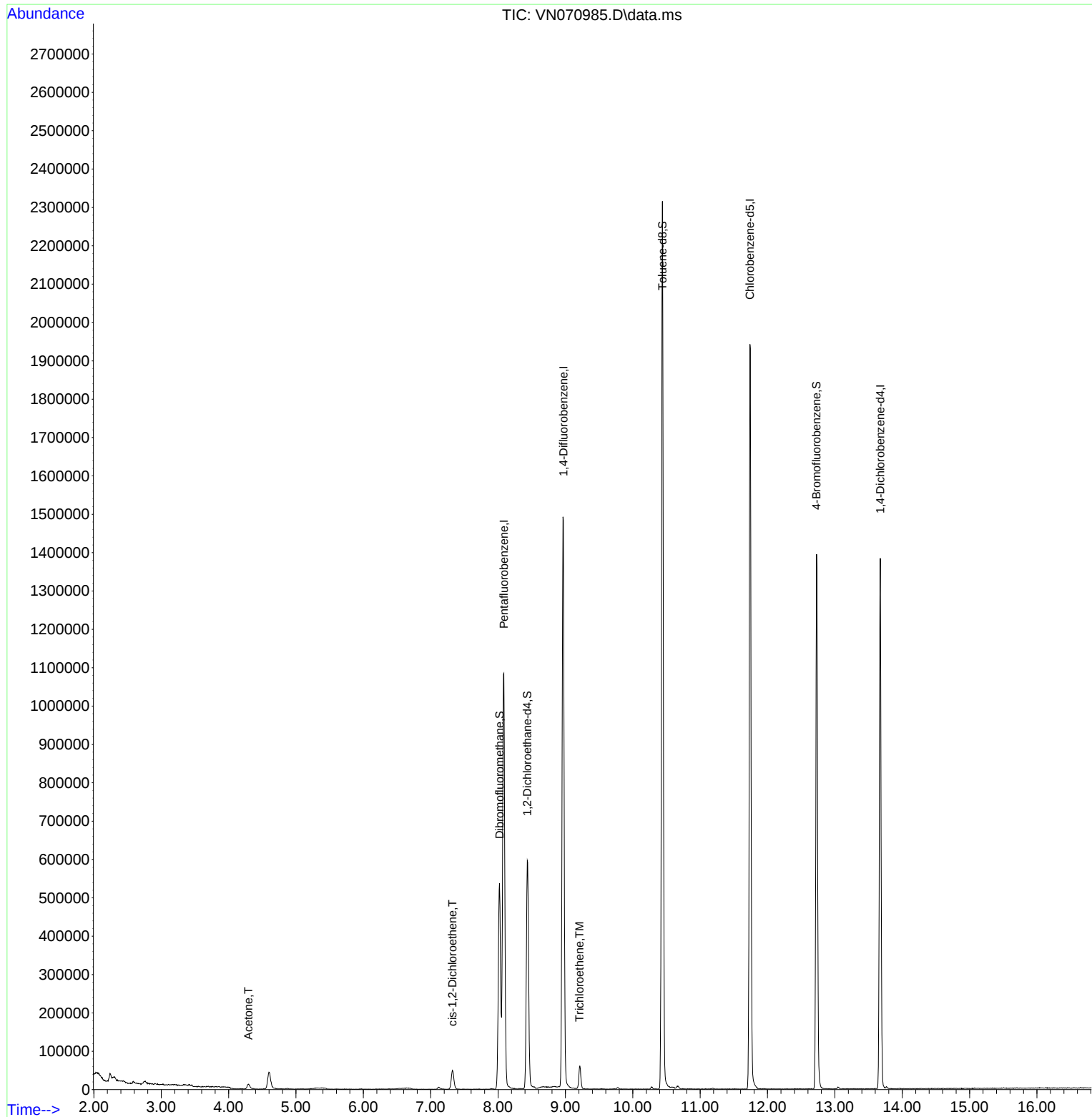
Internal Standards						
1) Pentafluorobenzene	8.087	168	856617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1342566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1171730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	397342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	500855	51.185	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.360%			
35) Dibromofluoromethane	8.022	113	398626	49.918	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.840%			
50) Toluene-d8	10.439	98	1600982	49.922	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.840%			
62) 4-Bromofluorobenzene	12.727	95	503149	43.893	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.780%			
Target Compounds						Qvalue
16) Acetone	4.293	43	20387	3.783	ug/l #	87
27) cis-1,2-Dichloroethene	7.322	96	29785	2.879	ug/l	93
44) Trichloroethene	9.210	130	23079	2.265	ug/l	91

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

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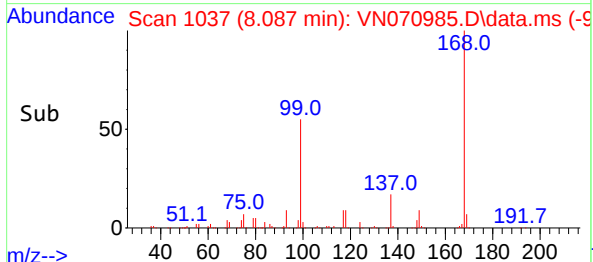
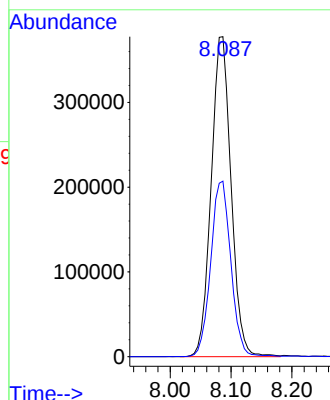
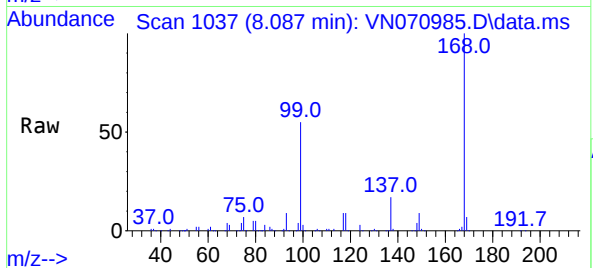




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN070985.D
Acq: 17 Feb 2022 17:33

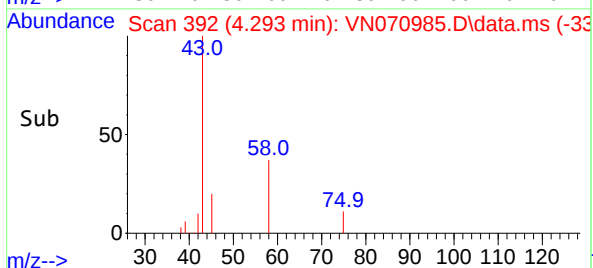
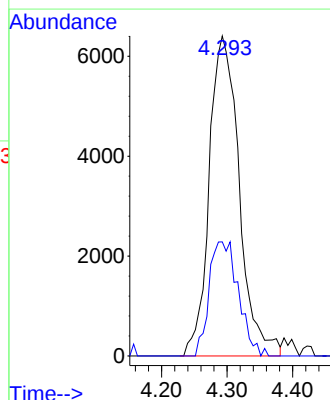
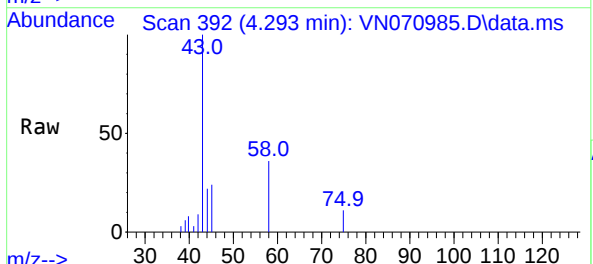
Instrument :
MSVOA_N
ClientSampleId :
MH-118.5T-20220215

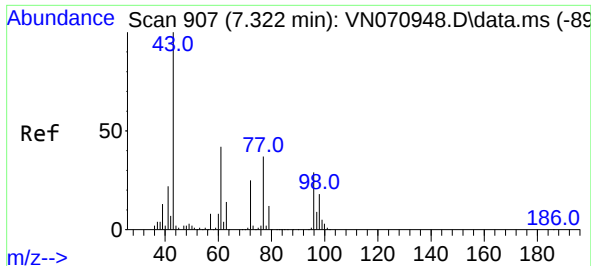
Tgt Ion:168 Resp: 856617
Ion Ratio Lower Upper
168 100
99 54.8 41.3 61.9



#16
Acetone
Concen: 3.783 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN070985.D
Acq: 17 Feb 2022 17:33

Tgt Ion: 43 Resp: 20387
Ion Ratio Lower Upper
43 100
58 35.7 23.1 34.7#

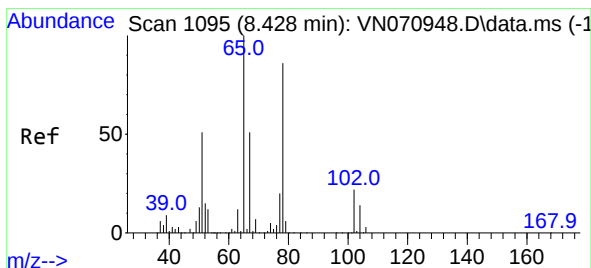
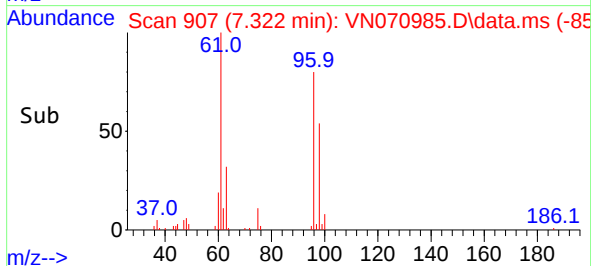
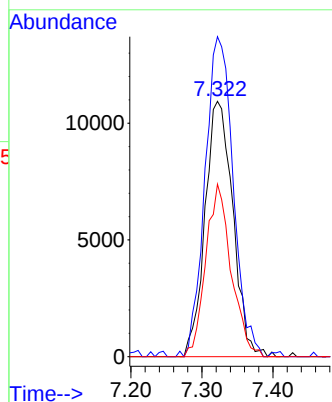
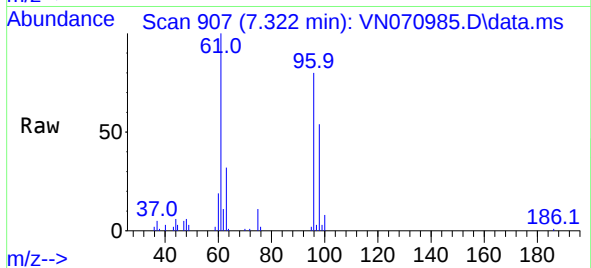




#27
 cis-1,2-Dichloroethene
 Concen: 2.879 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VN070985.D
 Acq: 17 Feb 2022 17:33

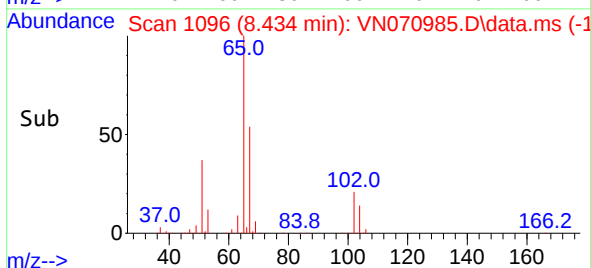
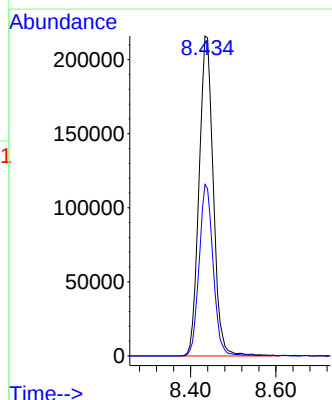
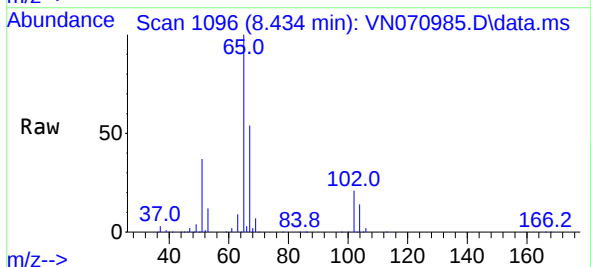
Instrument :
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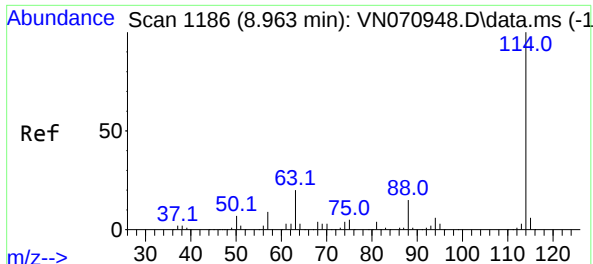
Tgt Ion: 96 Resp: 29785
 Ion Ratio Lower Upper
 96 100
 61 126.7 0.0 275.0
 98 61.8 0.0 129.6



#33
 1,2-Dichloroethane-d4
 Concen: 51.185 ug/l
 RT: 8.434 min Scan# 1096
 Delta R.T. 0.006 min
 Lab File: VN070985.D
 Acq: 17 Feb 2022 17:33

Tgt Ion: 65 Resp: 500855
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.0

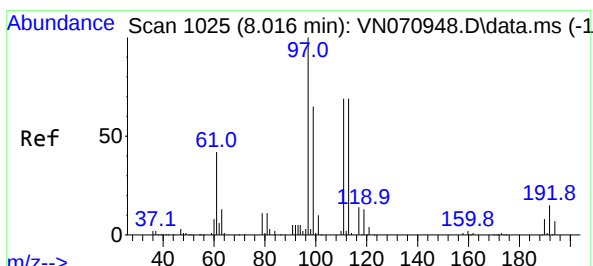
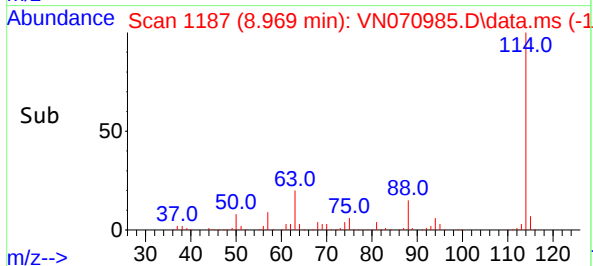
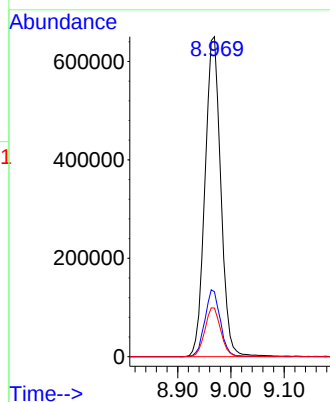
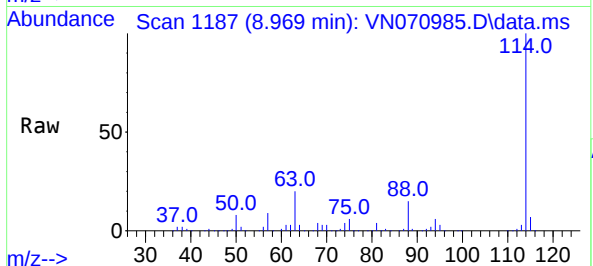




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN070985.D
Acq: 17 Feb 2022 17:33

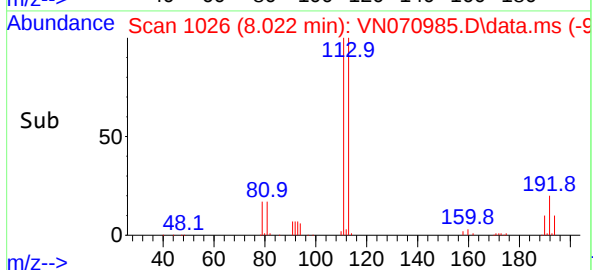
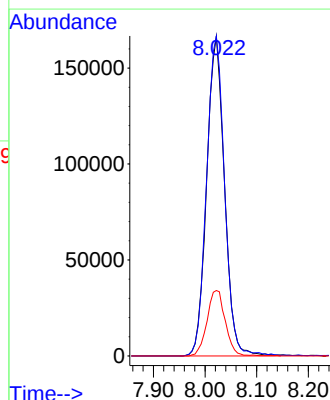
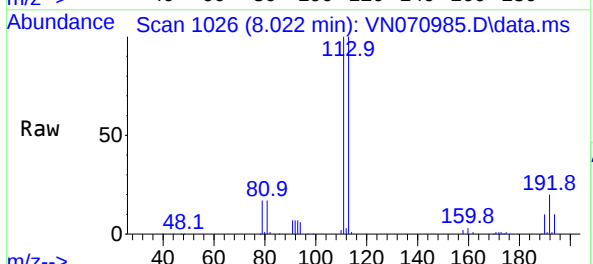
Instrument :
MSVOA_N
ClientSampleId :
MH-118.5T-20220215

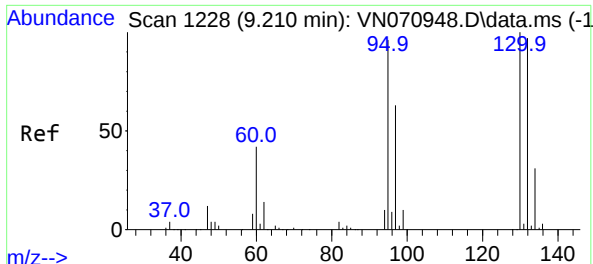
Tgt Ion:114 Resp: 1342566
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.8
88 15.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.918 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN070985.D
Acq: 17 Feb 2022 17:33

Tgt Ion:113 Resp: 398626
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 21.0 16.9 25.3

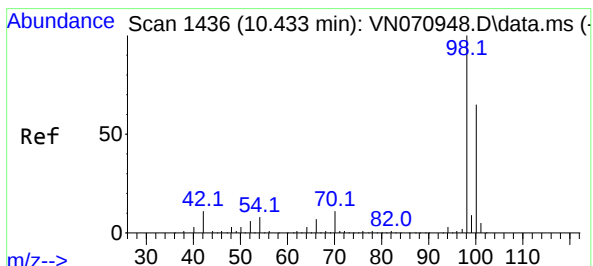
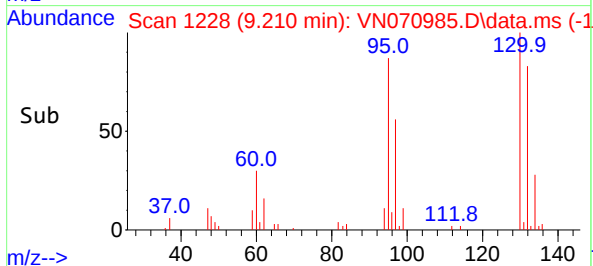
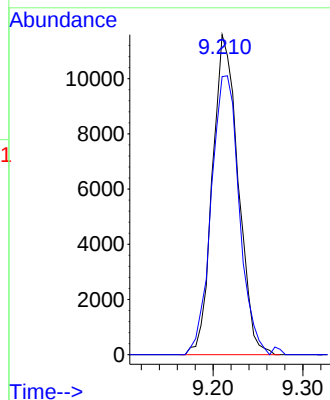
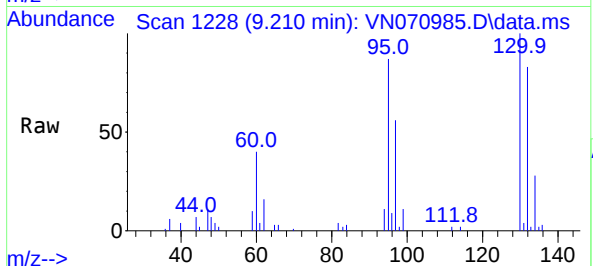




#44
Trichloroethene
Concen: 2.265 ug/l
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070985.D
Acq: 17 Feb 2022 17:33

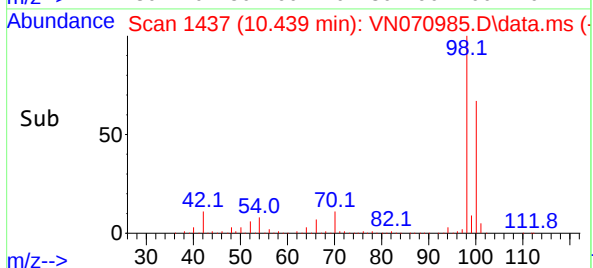
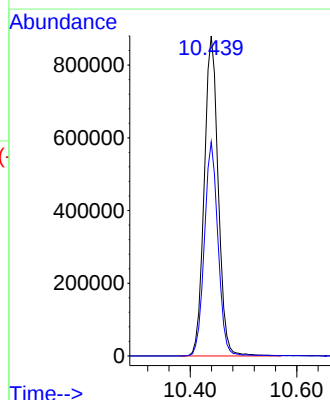
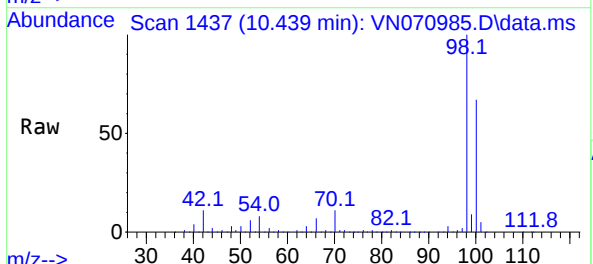
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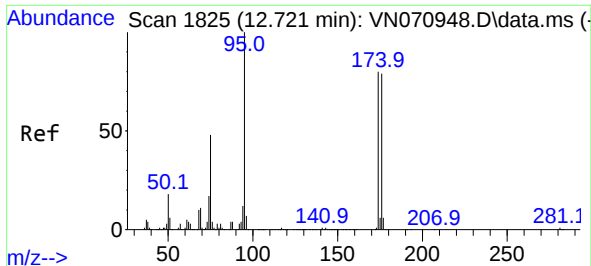
Tgt Ion:130 Resp: 23079
Ion Ratio Lower Upper
130 100
95 86.9 0.0 191.2



#50
Toluene-d8
Concen: 49.922 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN070985.D
Acq: 17 Feb 2022 17:33

Tgt Ion: 98 Resp: 1600982
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6

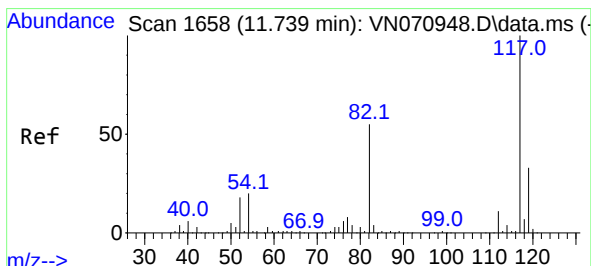
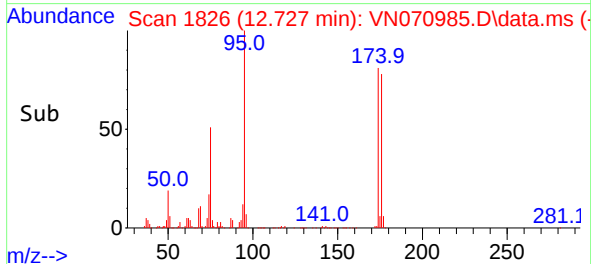
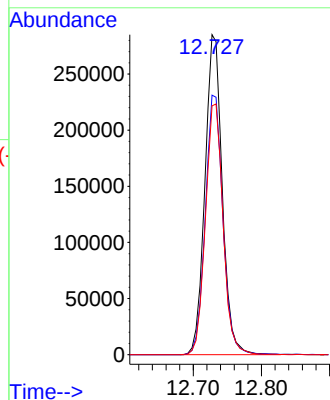
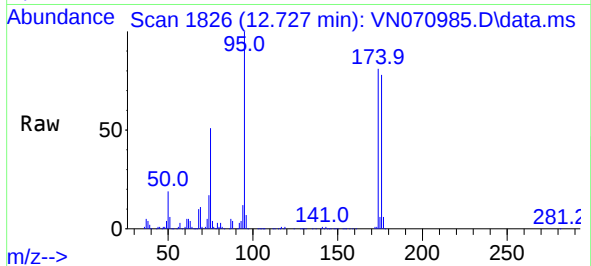




#62
4-Bromofluorobenzene
Concen: 43.893 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070985.D
Acq: 17 Feb 2022 17:33

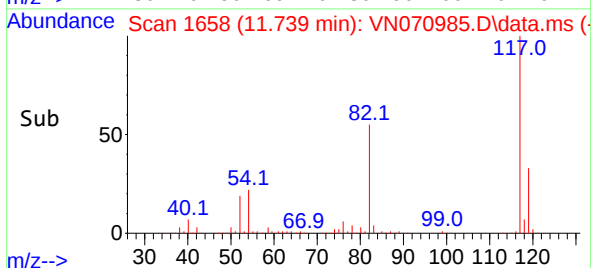
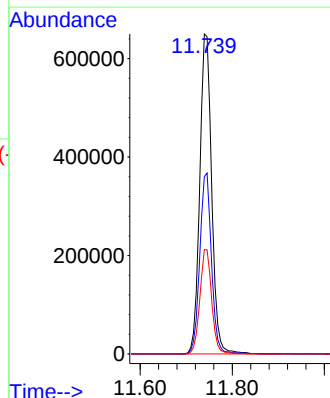
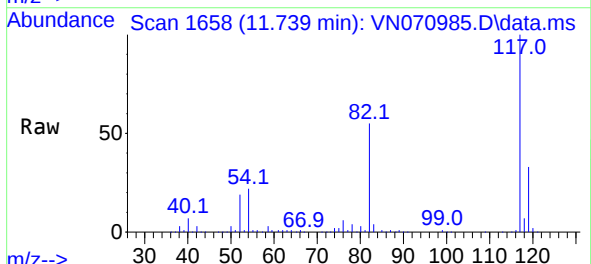
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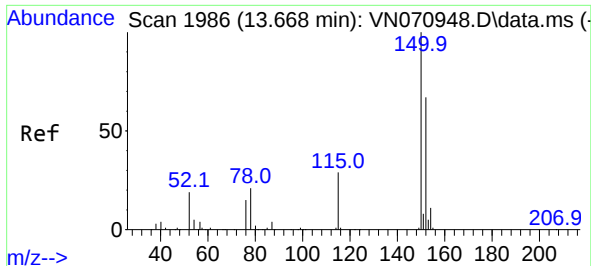
Tgt Ion: 95 Resp: 503149
Ion Ratio Lower Upper
95 100
174 82.8 0.0 187.2
176 79.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN070985.D
Acq: 17 Feb 2022 17:33

Tgt Ion: 117 Resp: 1171730
Ion Ratio Lower Upper
117 100
82 55.4 42.4 63.6
119 32.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN070985.D

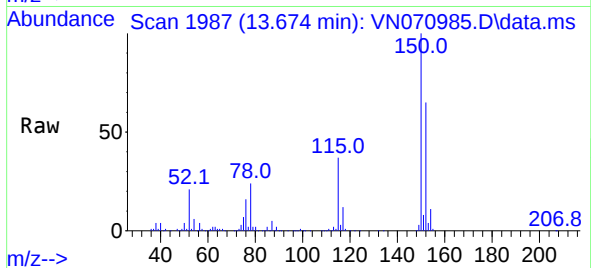
Acq: 17 Feb 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

MH-118.5T-20220215



Tgt Ion:152 Resp: 397342

Ion Ratio Lower Upper

152 100

115 57.6 27.5 82.5

150 156.1 0.0 344.4

