

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071010.D
 Acq On : 18 Feb 2022 19:03
 Operator : JC\MD
 Sample : N1587-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PRPH-DUP-GW

Quant Time: Feb 19 04:10:57 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)

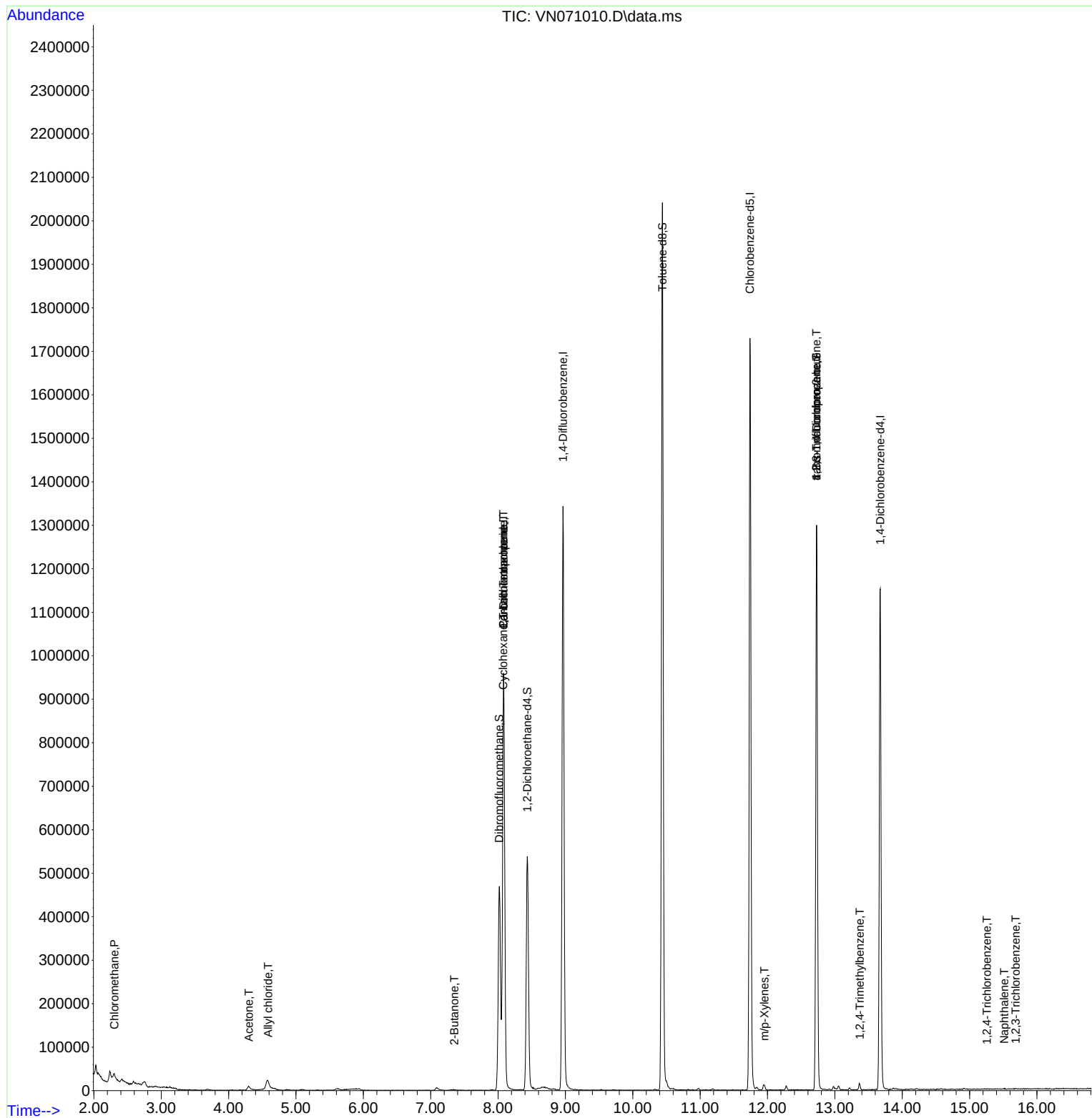
Internal Standards						
1) Pentafluorobenzene	8.081	168	751635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1184391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1038989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	342556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	451185	52.549	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.100%	
35) Dibromofluoromethane	8.016	113	354012	50.252	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.500%	
50) Toluene-d8	10.439	98	1425153	50.374	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	12.727	95	467304	46.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	2472	0.252	ug/l #	84
14) Allyl chloride	4.587	41	3433	0.245	ug/l #	72
16) Acetone	4.298	43	13044	2.759	ug/l	90
18) Methyl Acetate	4.857	43	3482	Below Cal	#	51
25) 2-Butanone	7.351	43	2650	0.421	ug/l #	48
31) Cyclohexane	8.075	56	15047	1.013	ug/l #	29
36) 1,1-Dichloropropene	8.081	75	57617	4.992	ug/l #	49
38) Carbon Tetrachloride	8.081	117	71816	6.315	ug/l #	15
68) m/p-Xylenes	11.957	106	4382	0.290	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	234137	29.029	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	234137	94.069	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.368	105	8670	0.394	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	252	2.037	ug/l #	33
95) Naphthalene	15.515	128	1608	5.084	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.686	180	180	2.545	ug/l #	12

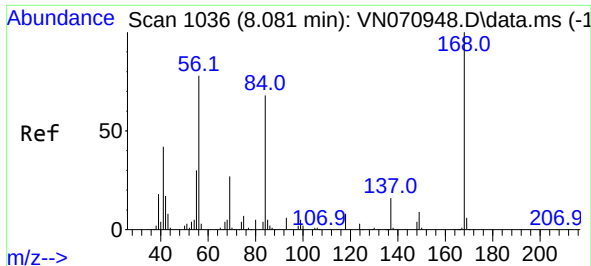
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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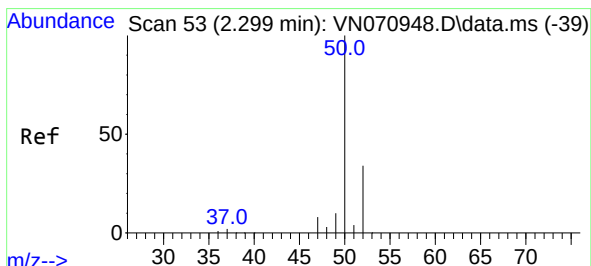
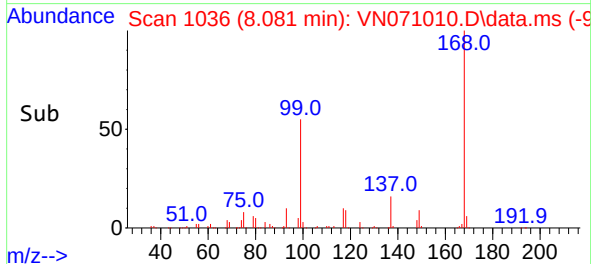
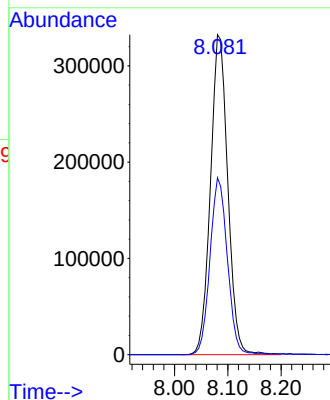
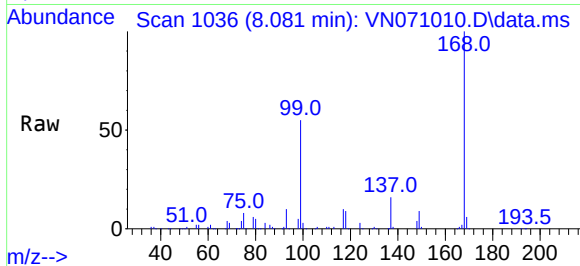




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

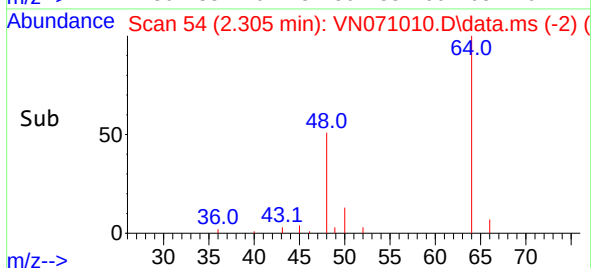
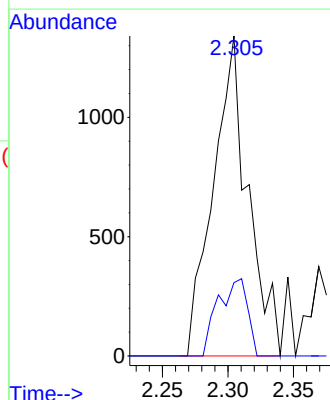
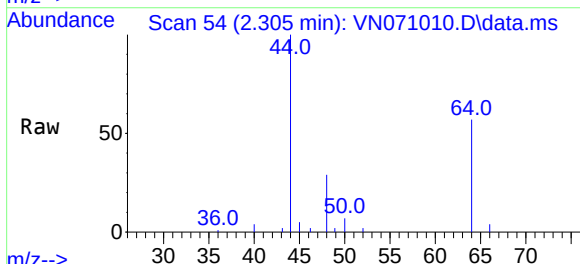
Instrument :
MSVOA_N
ClientSampleId :
PRPH-DUP-GW

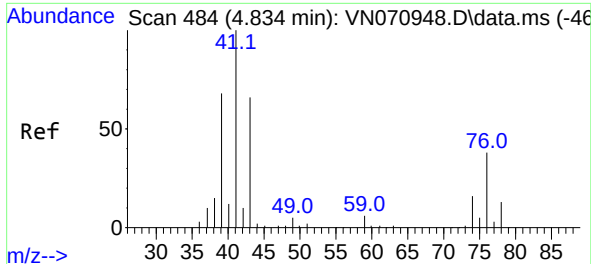
Tgt Ion:168 Resp: 751635
Ion Ratio Lower Upper
168 100
99 55.3 41.3 61.9



#3
Chloromethane
Concen: 0.252 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

Tgt Ion: 50 Resp: 2472
Ion Ratio Lower Upper
50 100
52 22.9 25.4 38.0#





#14

Allyl chloride

Concen: 0.245 ug/l

RT: 4.587 min Scan# 44

Delta R.T. -0.247 min

Lab File: VN071010.D

Acq: 18 Feb 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :

PRPH-DUP-GW

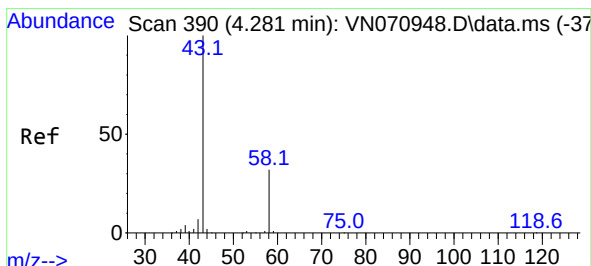
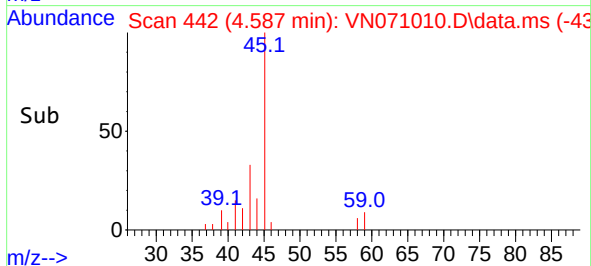
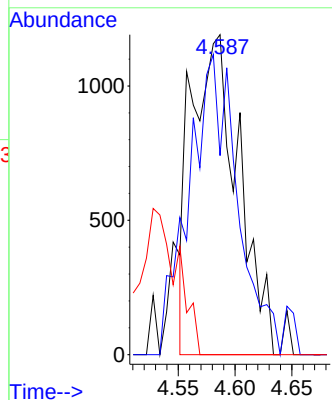
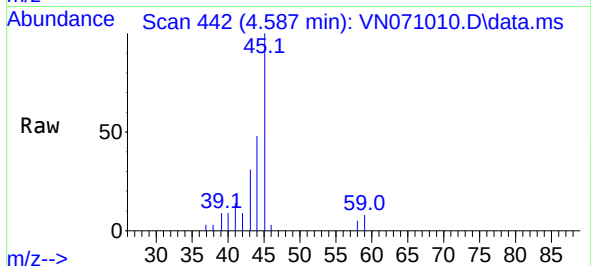
Tgt Ion: 41 Resp: 3433

Ion Ratio Lower Upper

41 100

39 90.3 61.2 91.8

76 0.0 26.0 39.0#



#16

Acetone

Concen: 2.759 ug/l

RT: 4.298 min Scan# 393

Delta R.T. 0.018 min

Lab File: VN071010.D

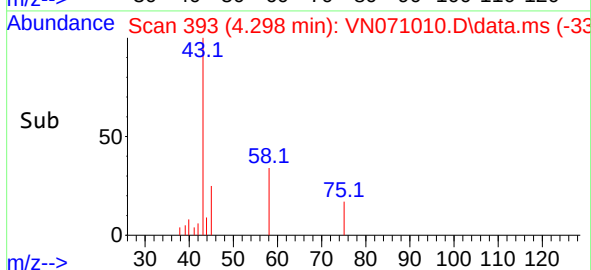
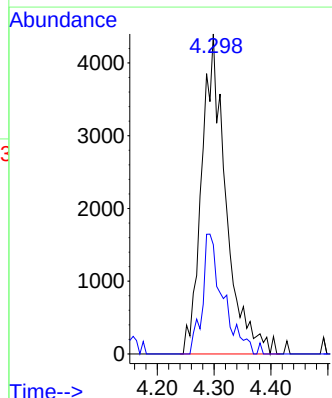
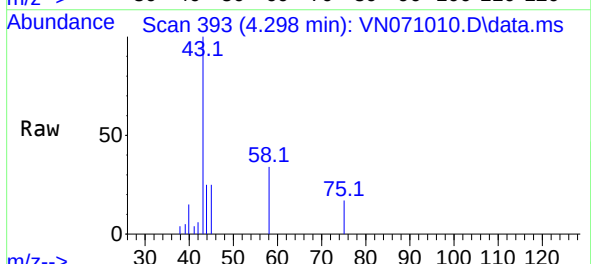
Acq: 18 Feb 2022 19:03

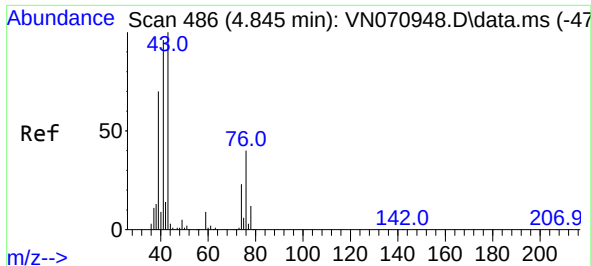
Tgt Ion: 43 Resp: 13044

Ion Ratio Lower Upper

43 100

58 34.1 23.1 34.7

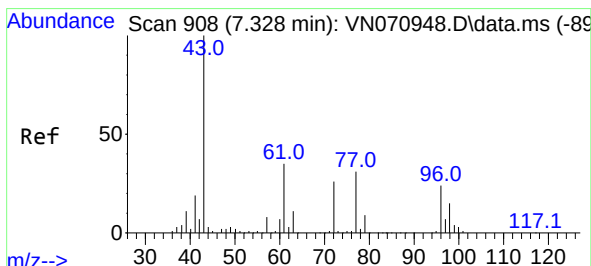
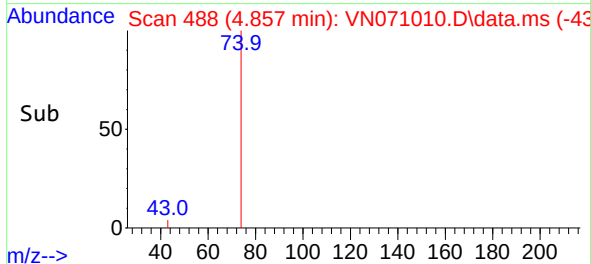
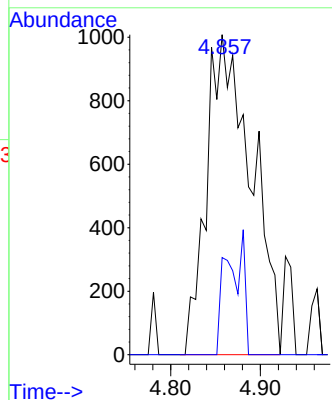
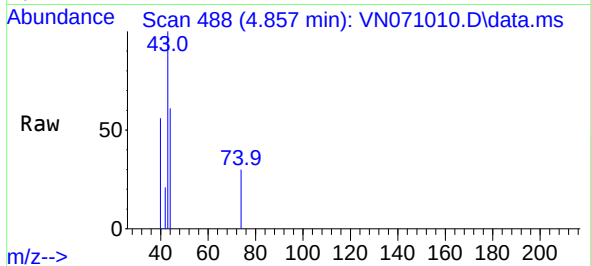




#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

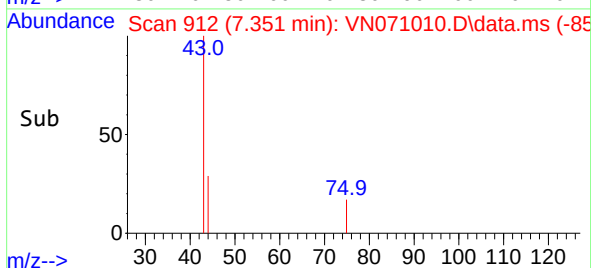
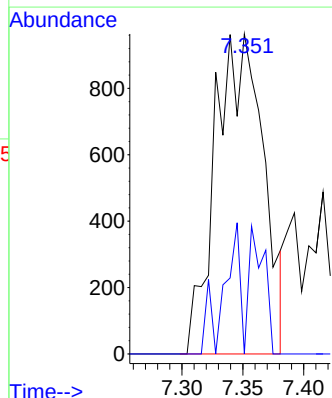
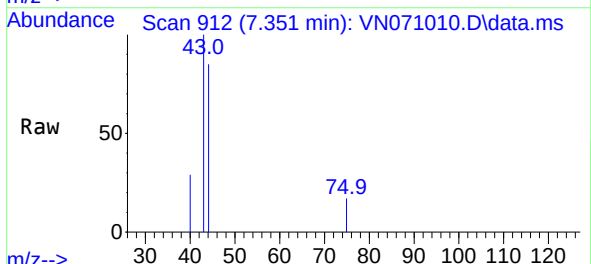
Instrument :
MSVOA_N
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PRPH-DUP-GW

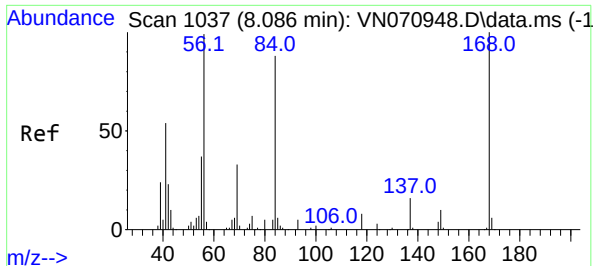
Tgt Ion: 43 Resp: 3482
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#25
2-Butanone
Concen: 0.421 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.024 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

Tgt Ion: 43 Resp: 2650
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#

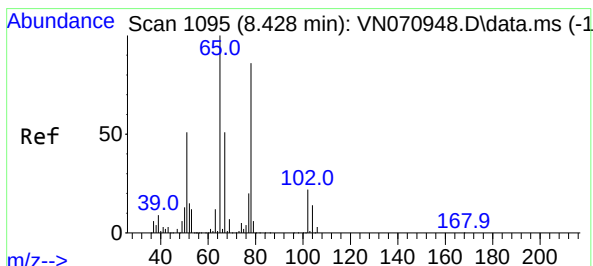
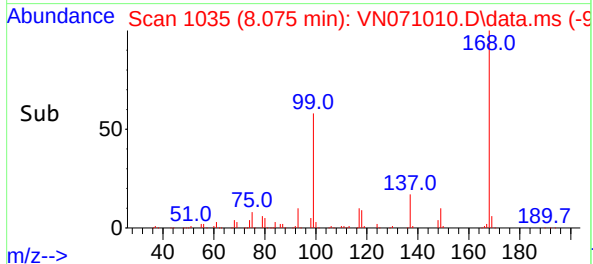
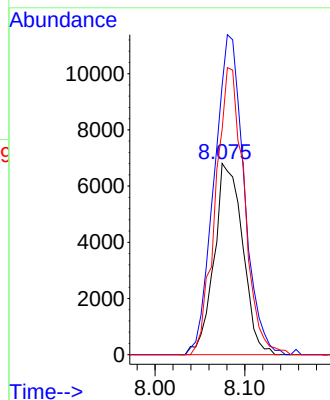
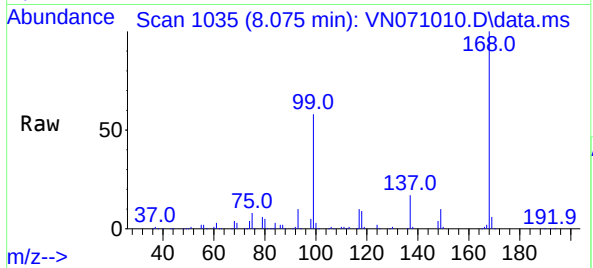




#31
Cyclohexane
Concen: 1.013 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.012 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

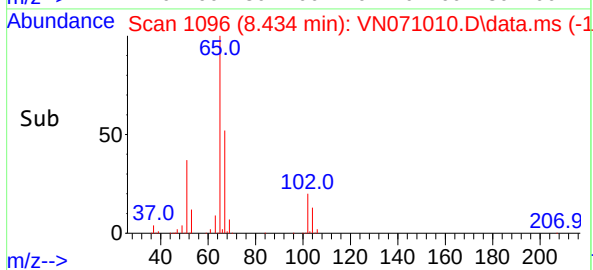
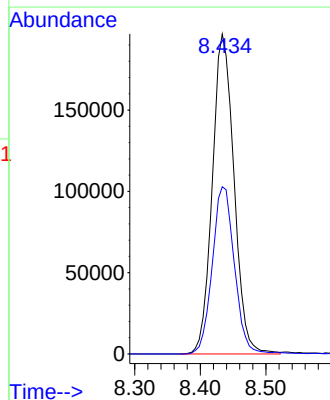
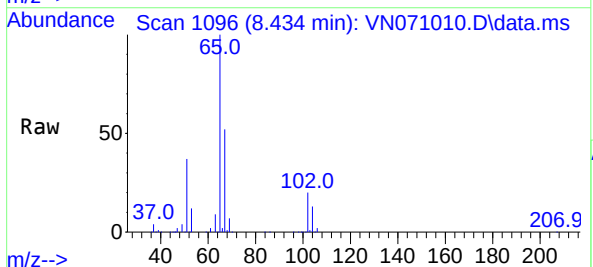
Instrument :
MSVOA_N
ClientSampleId :
PRPH-DUP-GW

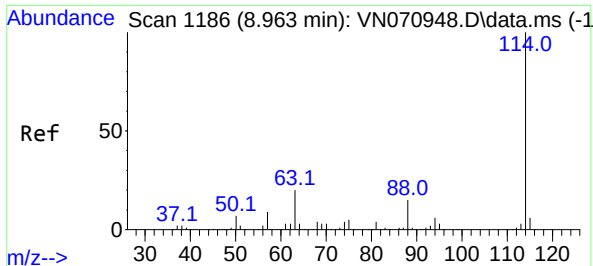
Tgt Ion: 56 Resp: 15047
Ion Ratio Lower Upper
56 100
69 140.9 27.1 40.7#
84 117.9 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.549 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

Tgt Ion: 65 Resp: 451185
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0

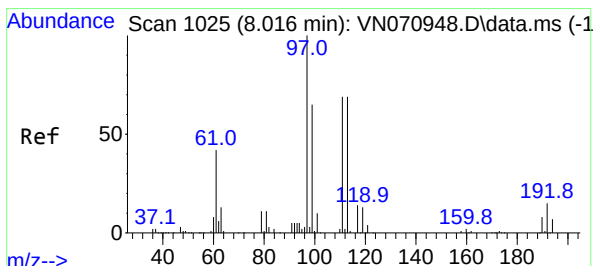
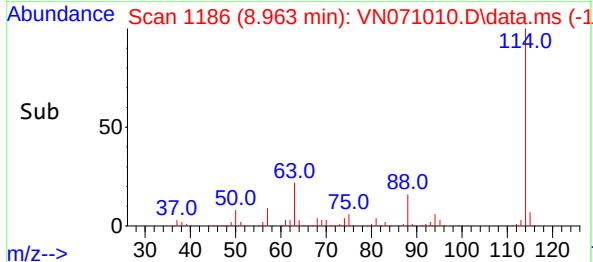
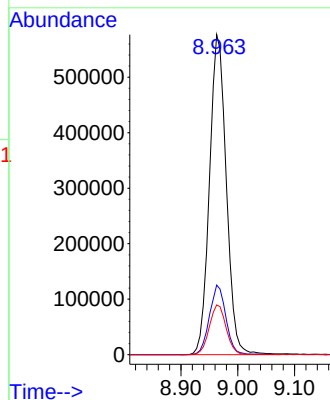
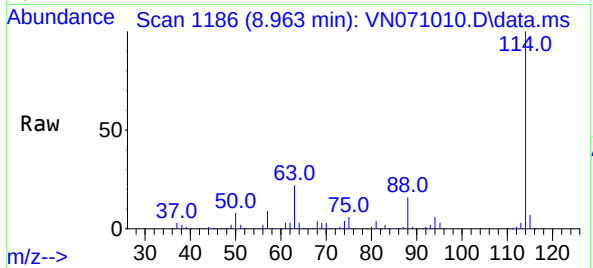




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

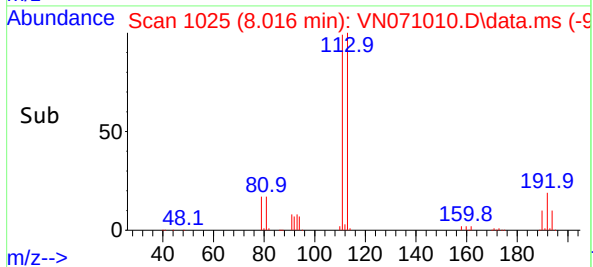
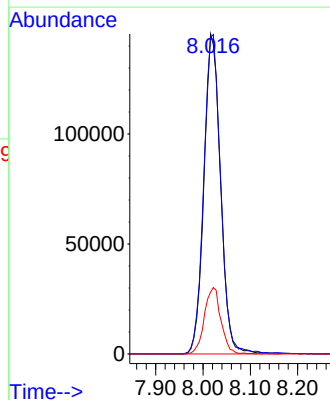
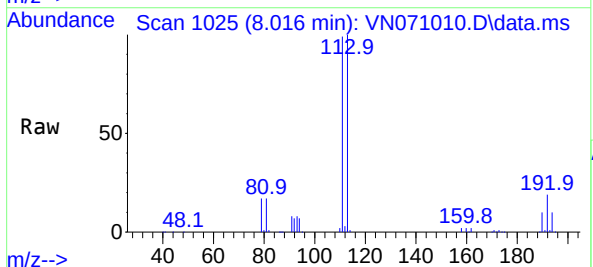
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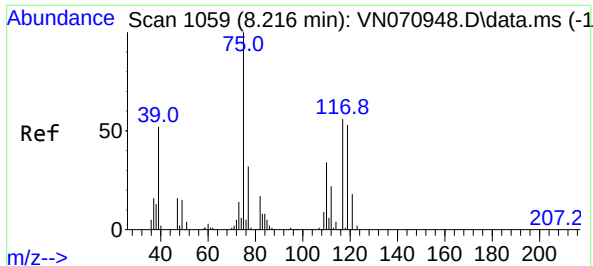
Tgt Ion:114 Resp: 1184391
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.8
88 15.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 50.252 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

Tgt Ion:113 Resp: 354012
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 20.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.992 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071010.D

Acq: 18 Feb 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :

PRPH-DUP-GW

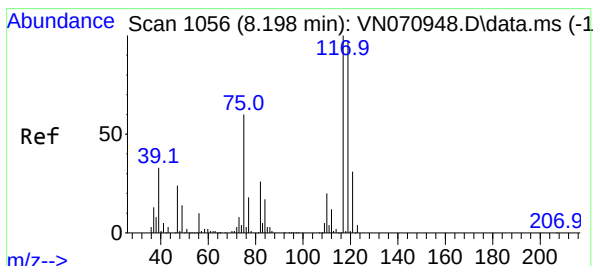
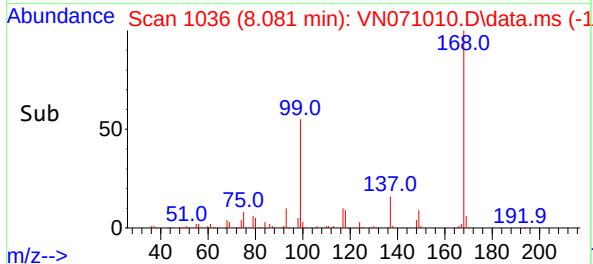
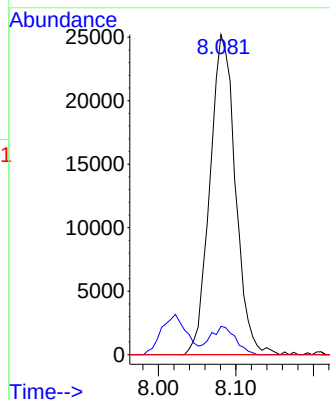
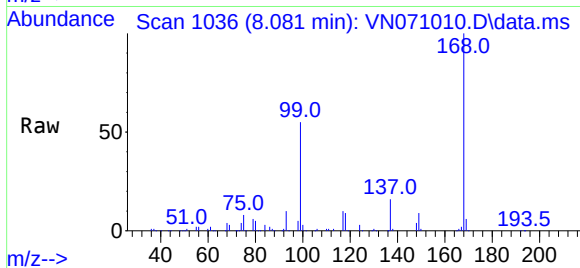
Tgt Ion: 75 Resp: 57617

Ion Ratio Lower Upper

75 100

110 8.9 18.4 55.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.315 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.118 min

Lab File: VN071010.D

Acq: 18 Feb 2022 19:03

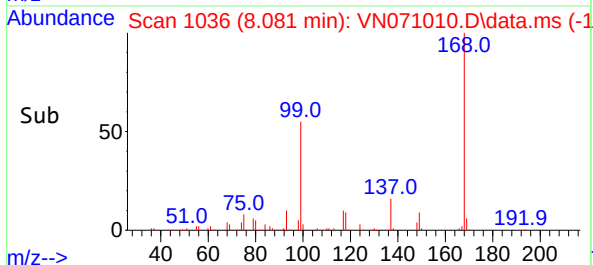
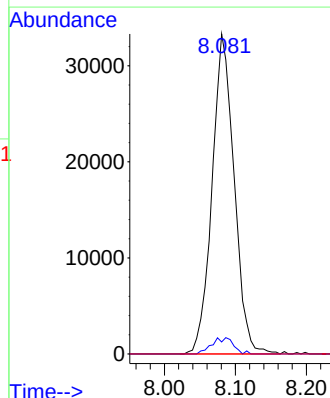
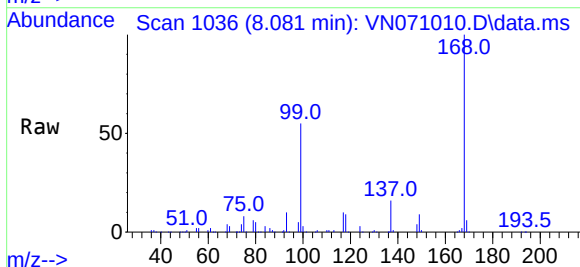
Tgt Ion: 117 Resp: 71816

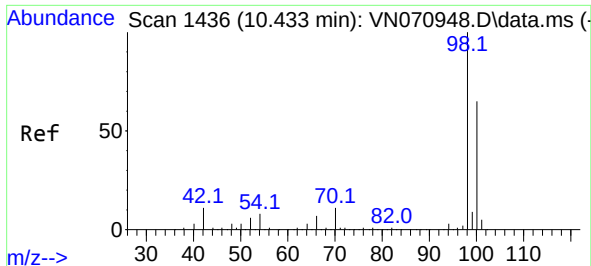
Ion Ratio Lower Upper

117 100

119 3.7 76.1 114.1#

121 0.0 24.2 36.2#

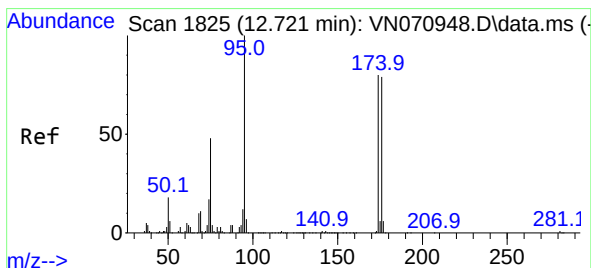
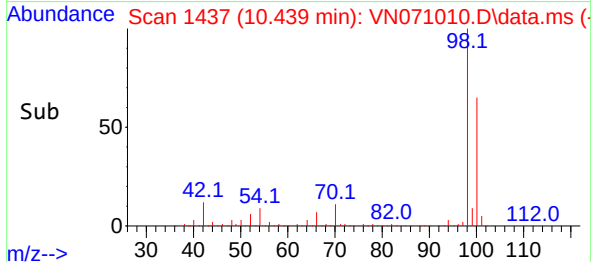
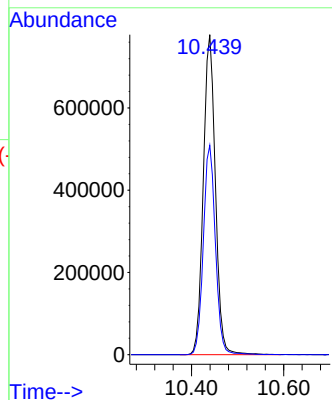
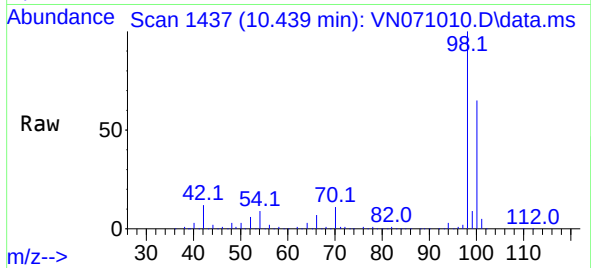




#50
Toluene-d8
Concen: 50.374 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

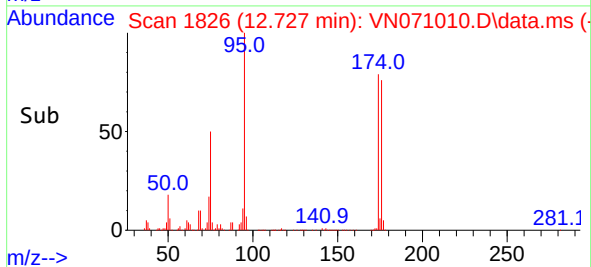
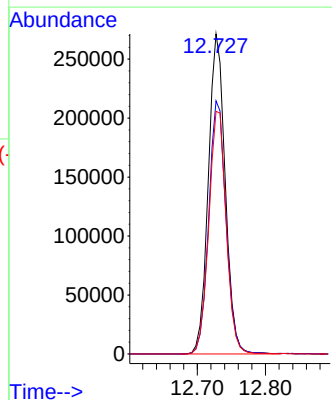
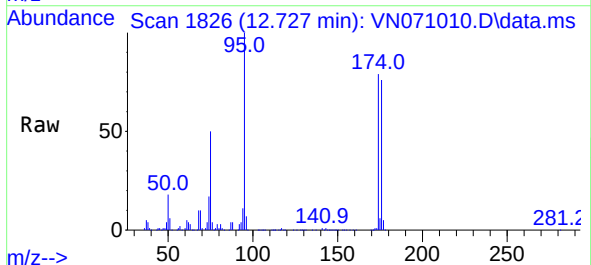
Instrument :
MSVOA_N
ClientSampleId :
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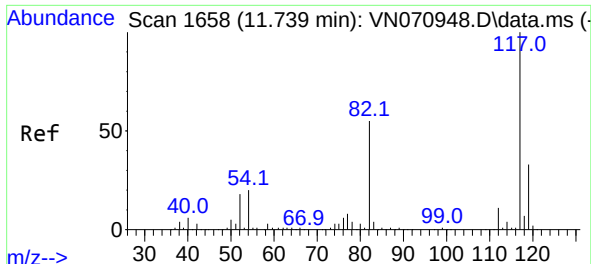
Tgt Ion: 98 Resp: 1425153
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 46.211 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

Tgt Ion: 95 Resp: 467304
Ion Ratio Lower Upper
95 100
174 81.1 0.0 187.2
176 78.0 0.0 181.4

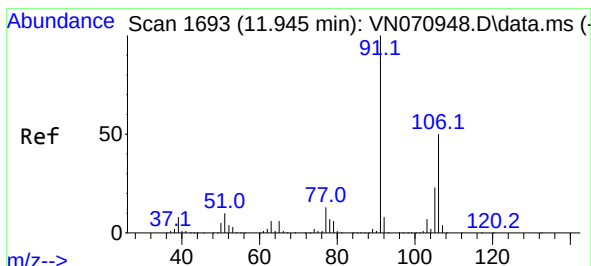
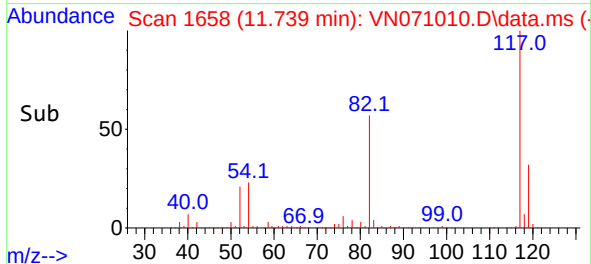
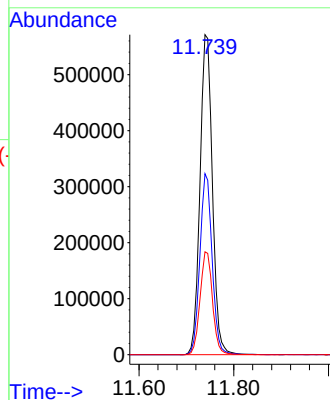
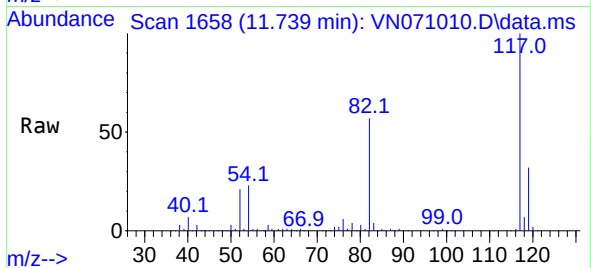




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

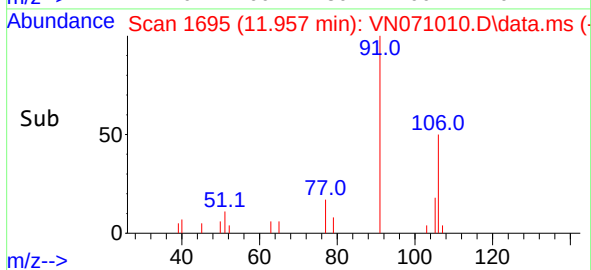
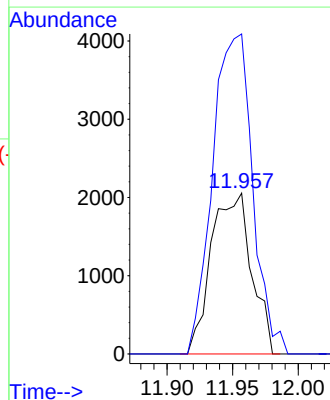
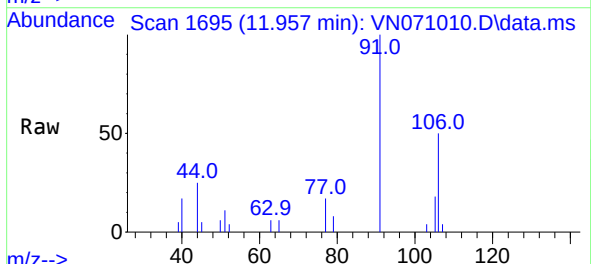
Instrument :
MSVOA_N
ClientSampleId :
PRPH-DUP-GW

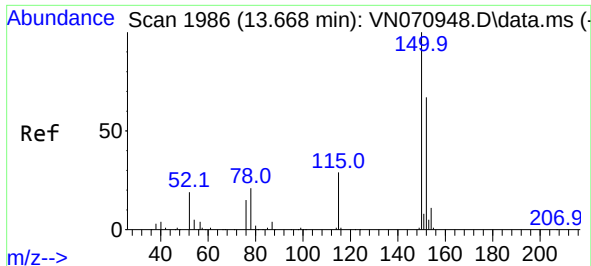
Tgt Ion:117 Resp: 1038989
Ion Ratio Lower Upper
117 100
82 56.5 42.4 63.6
119 32.2 25.4 38.2



#68
m/p-Xylenes
Concen: 0.290 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.012 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

Tgt Ion:106 Resp: 4382
Ion Ratio Lower Upper
106 100
91 198.1 160.6 240.8

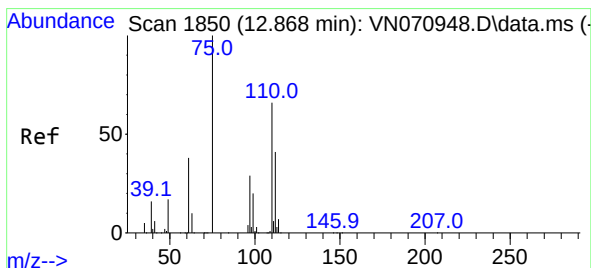
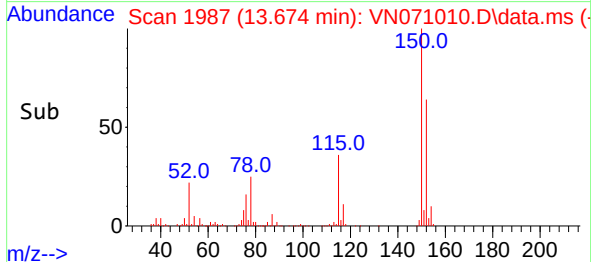
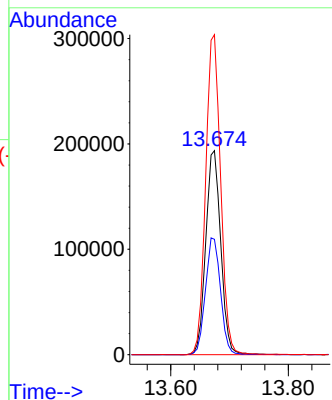
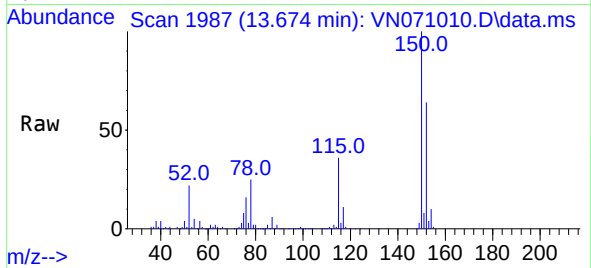




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

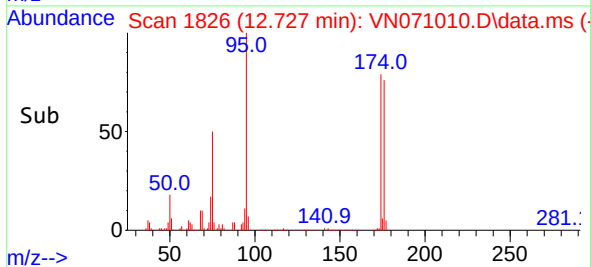
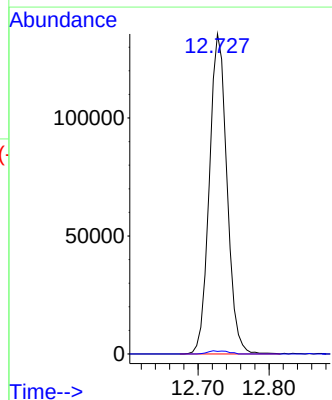
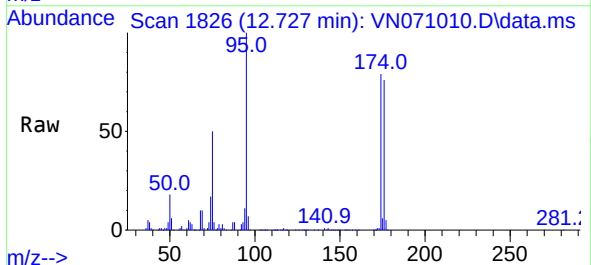
Instrument :
MSVOA_N
ClientSampleId :
PRPH-DUP-GW

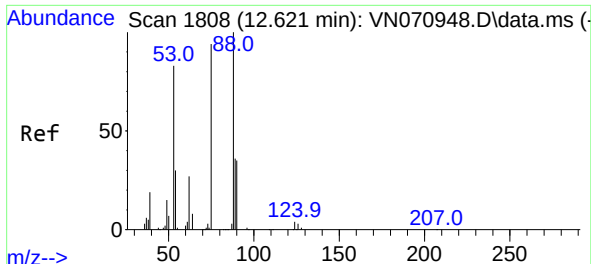
Tgt Ion:152 Resp: 342556
Ion Ratio Lower Upper
152 100
115 57.4 27.5 82.5
150 156.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 29.029 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

Tgt Ion: 75 Resp: 234137
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

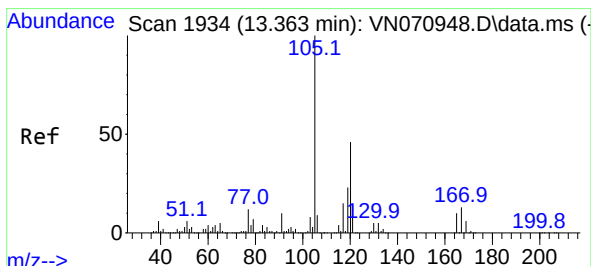
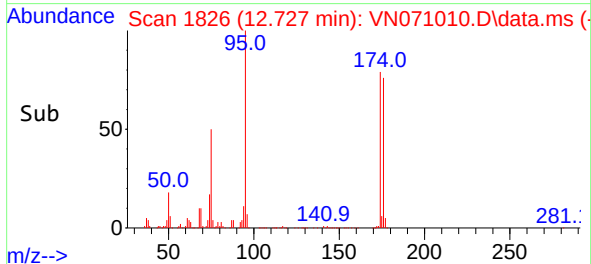
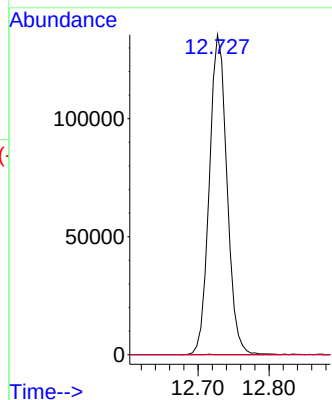
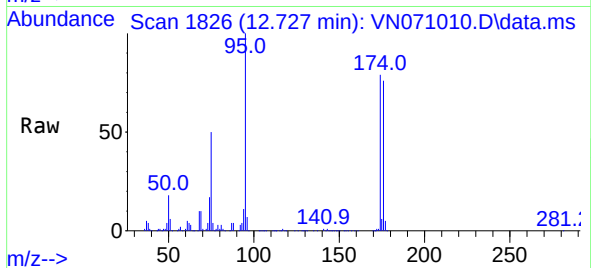




#81
trans-1,4-Dichloro-2-butene
Concen: 94.069 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

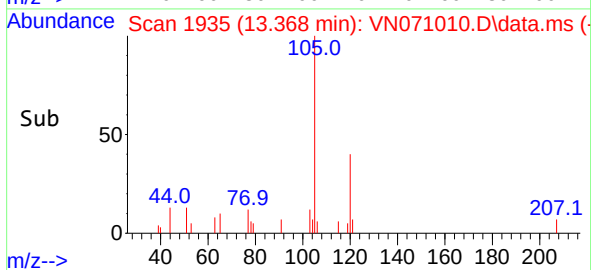
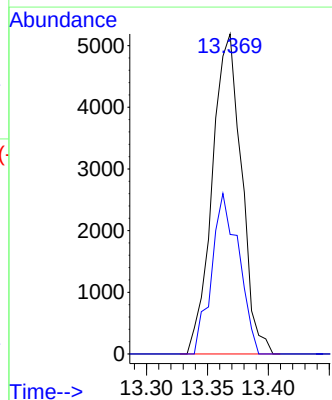
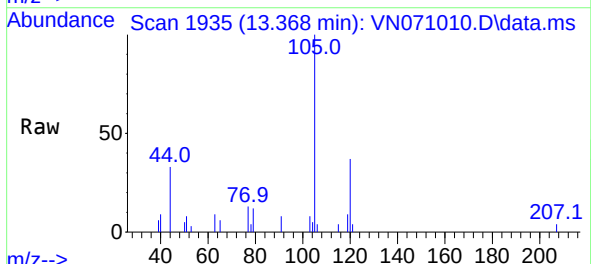
Instrument :
MSVOA_N
ClientSampleId :
PRPH-DUP-GW

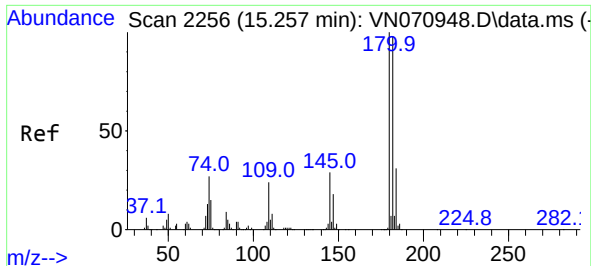
Tgt Ion: 75 Resp: 234137
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.394 ug/l
RT: 13.368 min Scan# 1935
Delta R.T. 0.006 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

Tgt Ion: 105 Resp: 8670
Ion Ratio Lower Upper
105 100
120 46.4 22.8 68.4

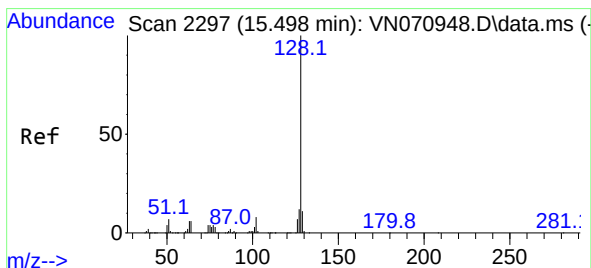
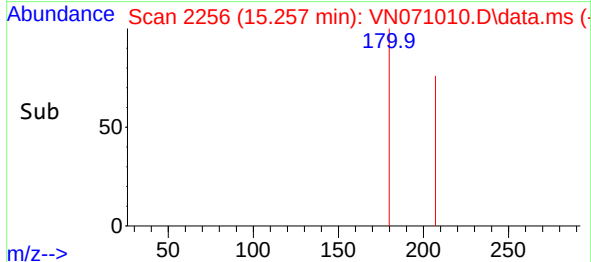
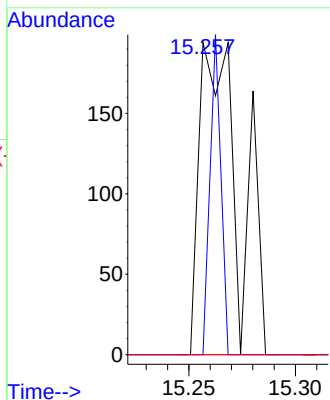
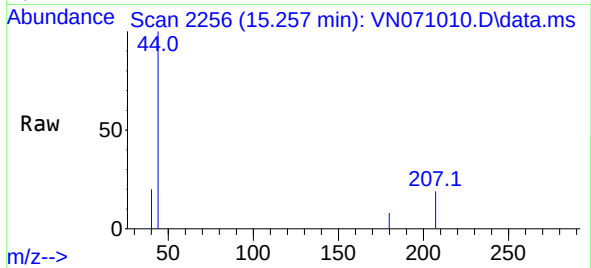




#93
1,2,4-Trichlorobenzene
Concen: 2.037 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

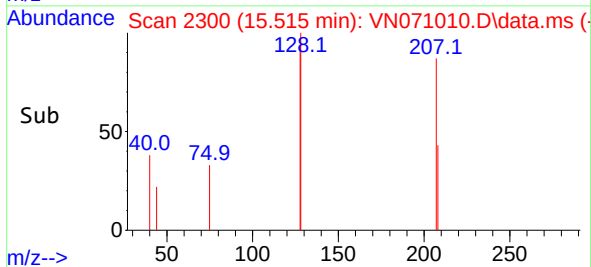
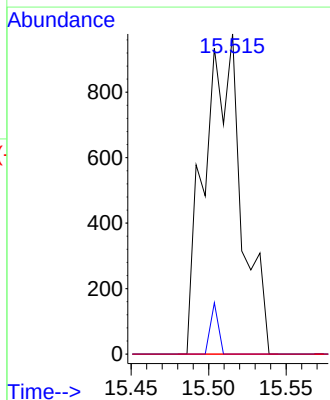
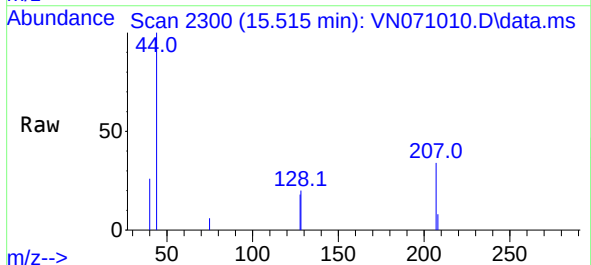
Instrument :
MSVOA_N
ClientSampleId :
PRPH-DUP-GW

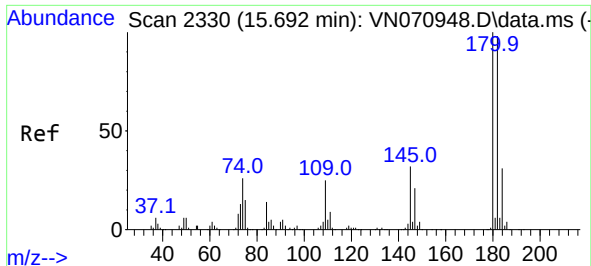
Tgt Ion:180 Resp: 252
Ion Ratio Lower Upper
180 100
182 27.8 48.3 144.9#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 5.084 ug/l
RT: 15.515 min Scan# 2300
Delta R.T. 0.017 min
Lab File: VN071010.D
Acq: 18 Feb 2022 19:03

Tgt Ion:128 Resp: 1608
Ion Ratio Lower Upper
128 100
127 3.4 10.5 15.7#
129 0.0 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 2.545 ug/l

RT: 15.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071010.D

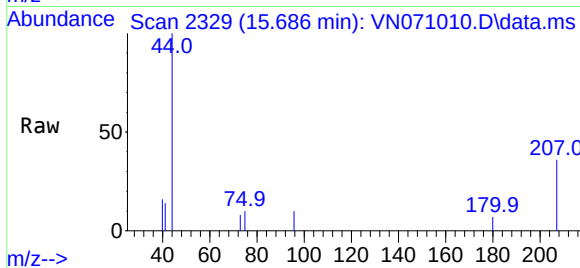
Acq: 18 Feb 2022 19:03

Instrument :

MSVOA_N

ClientSampleId :

PRPH-DUP-GW



Tgt Ion:180 Resp: 180

Ion Ratio Lower Upper

180 100

182 0.0 47.4 142.2#

145 0.0 15.0 45.1#

