

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071472.D
 Acq On : 22 Mar 2022 17:21
 Operator : JC\MD
 Sample : N2064-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20220281-FIELD-BLANK

Quant Time: Mar 23 07:09:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

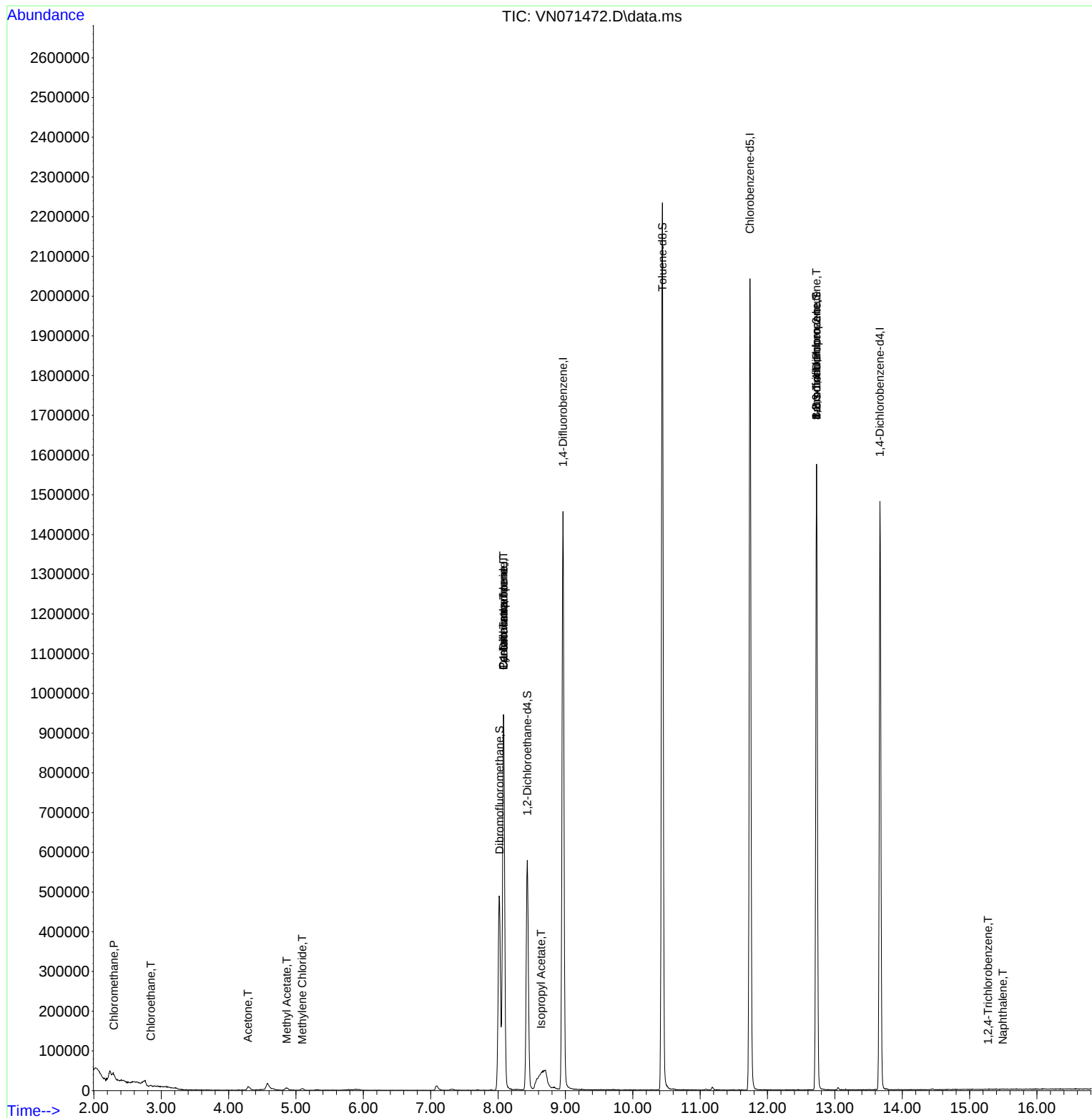
Internal Standards						
1) Pentafluorobenzene	8.081	168	716530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1243448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1169931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	397153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	477220	48.595	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.200%		
35) Dibromofluoromethane	8.022	113	364410	46.442	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.880%		
50) Toluene-d8	10.439	98	1521106	48.147	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.300%		
62) 4-Bromofluorobenzene	12.727	95	550851	51.491	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.980%		
Target Compounds						Qvalue
3) Chloromethane	2.299	50	3274	0.276	ug/l #	81
5) Bromomethane	2.828	94	71	Below Cal		83
6) Chloroethane	2.846	64	1225	0.210	ug/l #	67
16) Acetone	4.287	43	13967	2.923	ug/l	97
18) Methyl Acetate	4.863	43	13492	1.512	ug/l	93
20) Methylene Chloride	5.092	84	3313	0.758	ug/l #	82
31) Cyclohexane	8.081	56	16270	1.037	ug/l #	20
36) 1,1-Dichloropropene	8.081	75	58205	4.630	ug/l #	49
38) Carbon Tetrachloride	8.081	117	71644	5.892	ug/l #	16
43) Isopropyl Acetate	8.639	43	67022	2.590	ug/l #	55
71) Bromoform	12.727	173	3530	0.505	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.721	83	203	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	282258	28.087	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	282258	76.827	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.274	180	273	3.029	ug/l #	12
95) Naphthalene	15.492	128	315	5.083	ug/l #	81

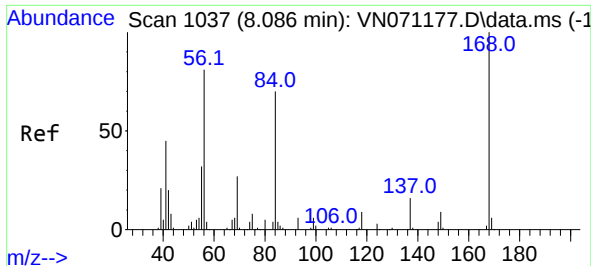
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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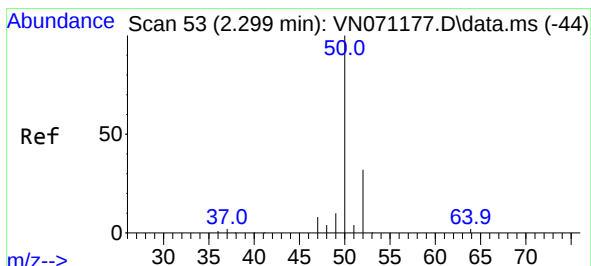
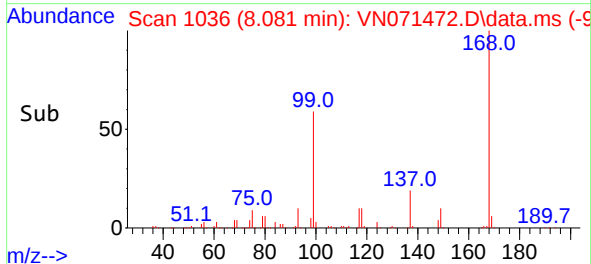
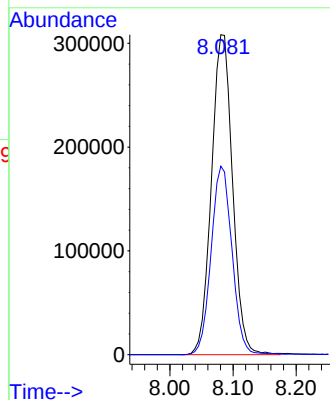
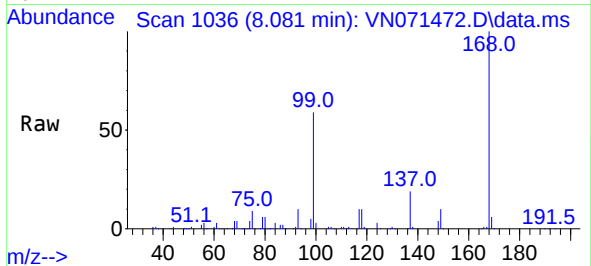




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

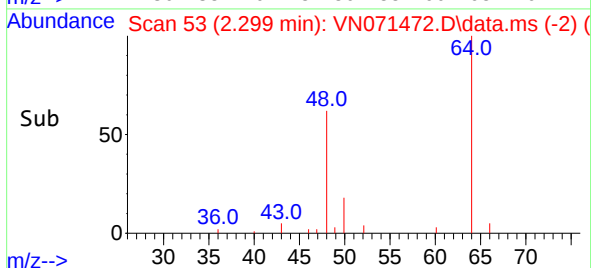
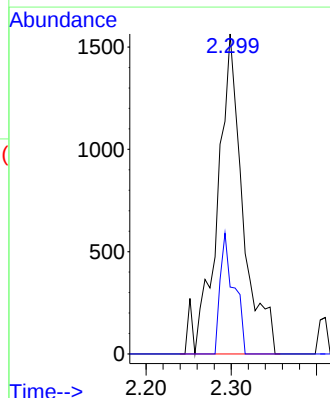
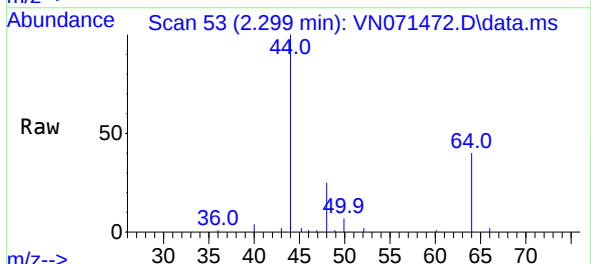
Instrument :
MSVOA_N
ClientSampleId :
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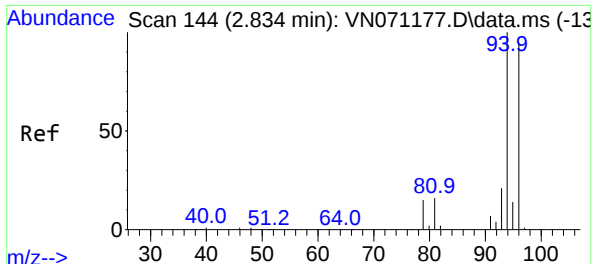
Tgt Ion:168 Resp: 716530
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9



#3
Chloromethane
Concen: 0.276 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

Tgt Ion: 50 Resp: 3274
Ion Ratio Lower Upper
50 100
52 20.9 25.4 38.0#

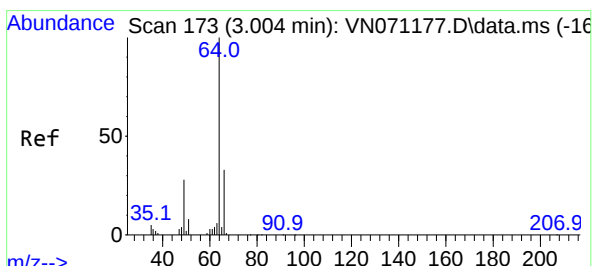
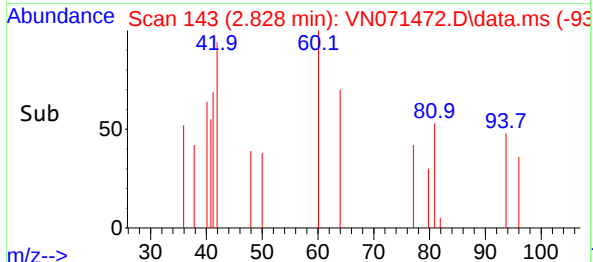
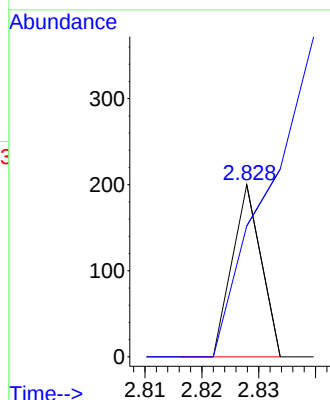
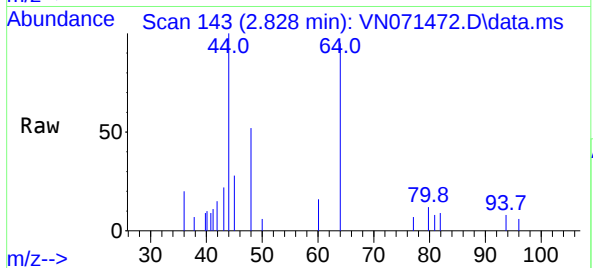




#5
Bromomethane
Concen: Below Cal
RT: 2.828 min Scan# 143
Delta R.T. -0.006 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

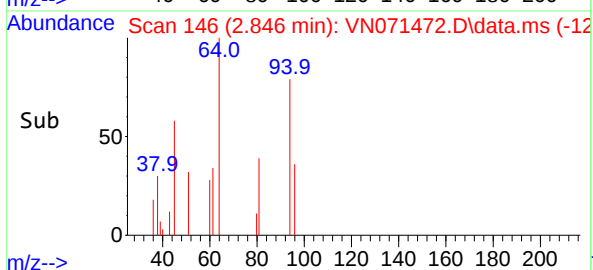
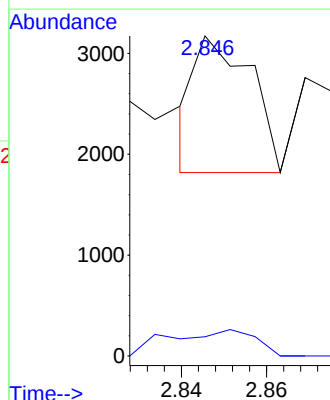
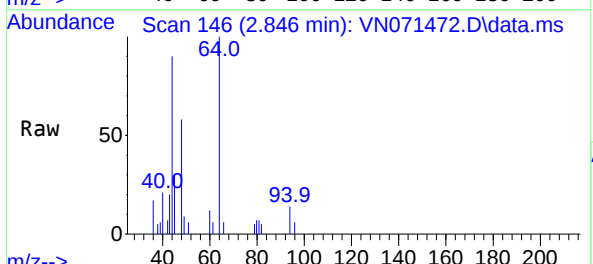
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ClientSampleId :
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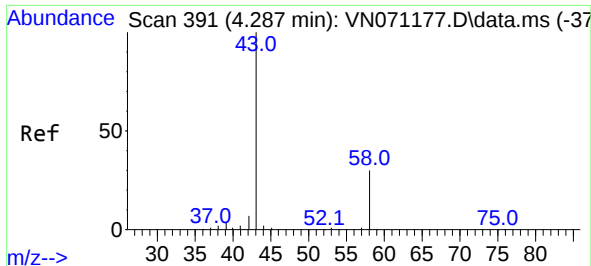
Tgt Ion: 94 Resp: 71
Ion Ratio Lower Upper
94 100
96 76.0 73.8 110.8



#6
Chloroethane
Concen: 0.210 ug/l
RT: 2.846 min Scan# 146
Delta R.T. -0.158 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

Tgt Ion: 64 Resp: 1225
Ion Ratio Lower Upper
64 100
66 14.0 26.3 39.5

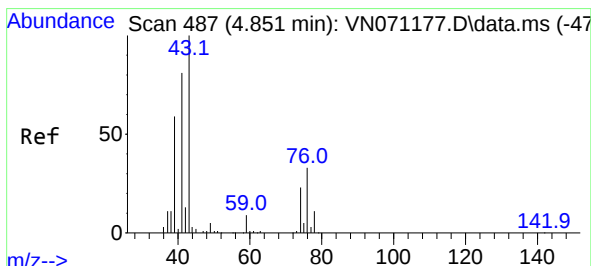
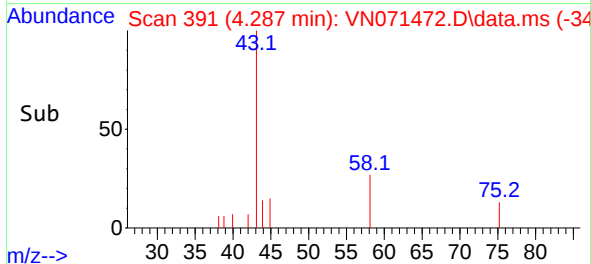
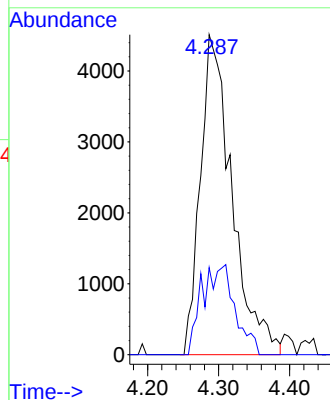
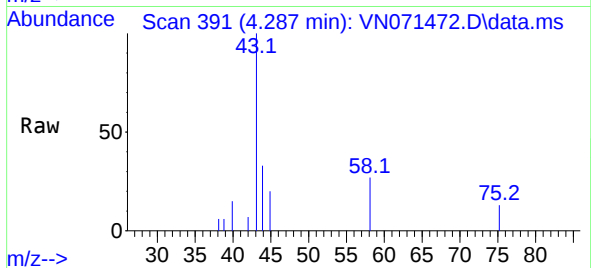




#16
Acetone
Concen: 2.923 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

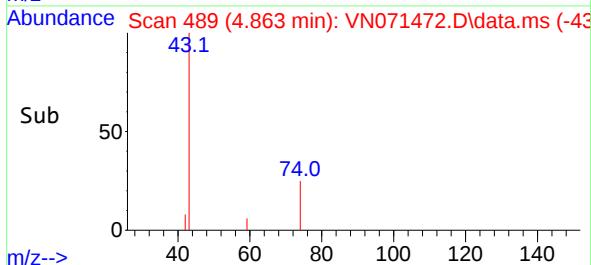
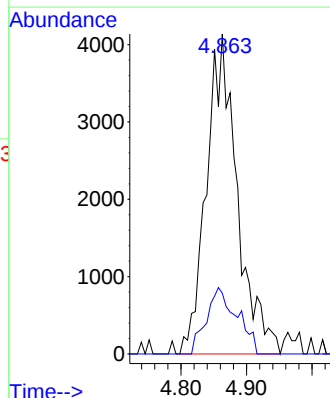
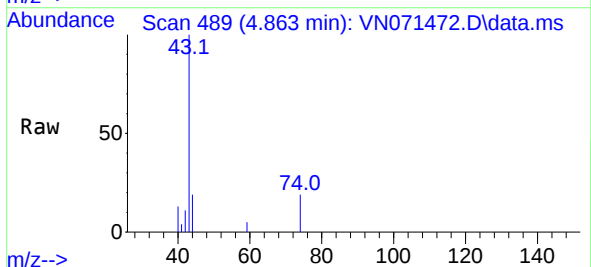
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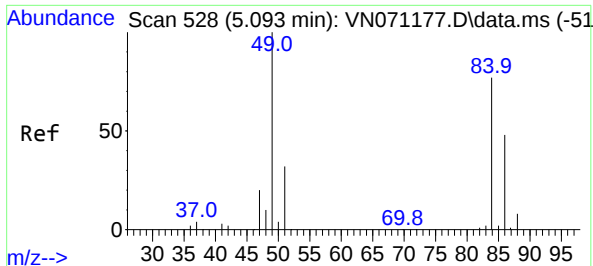
Tgt Ion: 43 Resp: 13967
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7



#18
Methyl Acetate
Concen: 1.512 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

Tgt Ion: 43 Resp: 13492
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2



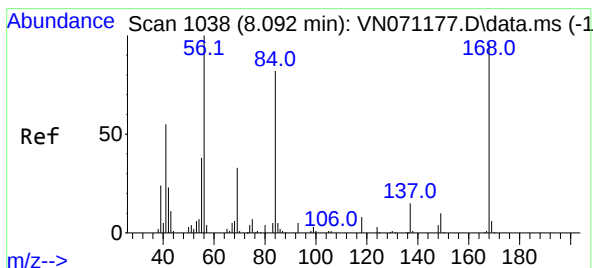
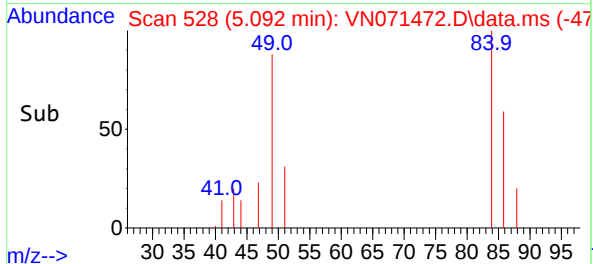
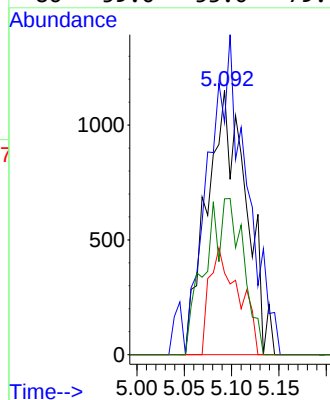
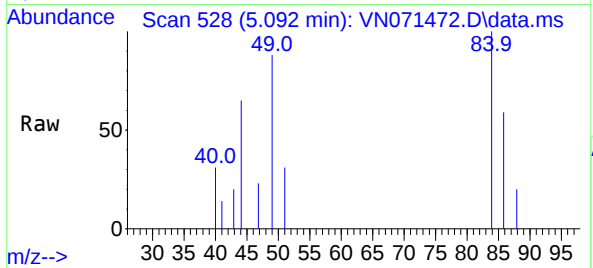


#20
Methylene Chloride
Concen: 0.758 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

Instrument :
MSVOA_N
ClientSampleId :
20220281-FIELD-BLANK

Tgt Ion: 84 Resp: 3313

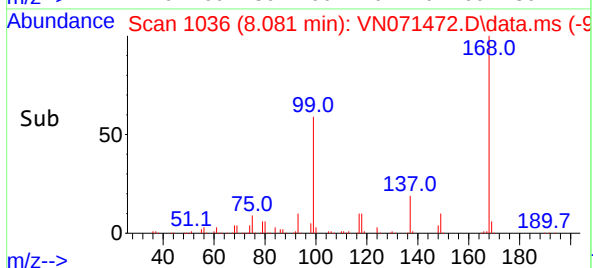
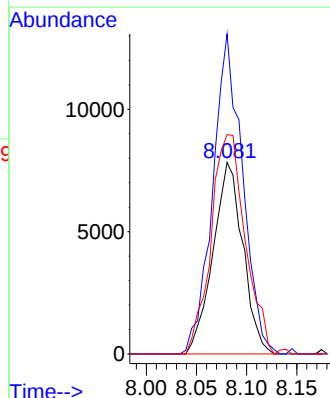
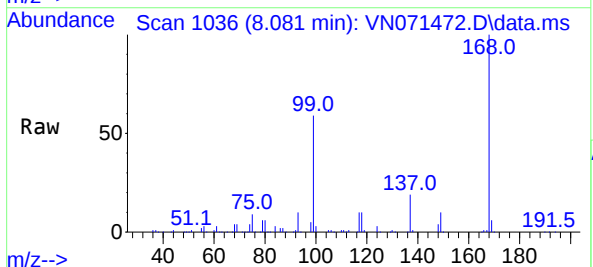
Ion	Ratio	Lower	Upper
84	100		
49	87.9	93.5	140.3#
51	30.9	29.4	44.2
86	59.0	53.0	79.4

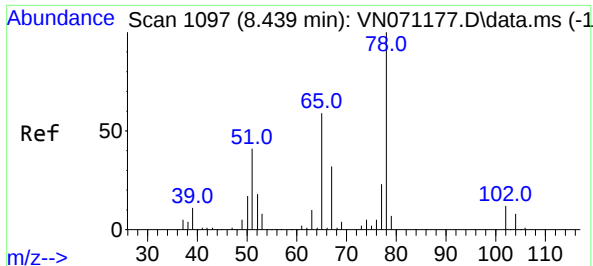


#31
Cyclohexane
Concen: 1.037 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

Tgt Ion: 56 Resp: 16270

Ion	Ratio	Lower	Upper
56	100		
69	167.1	27.1	40.7#
84	114.6	73.4	110.0#

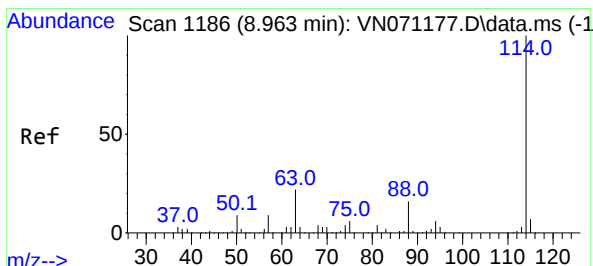
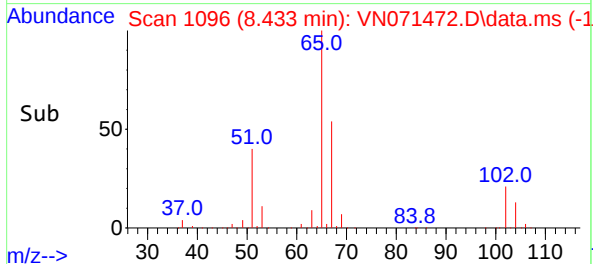
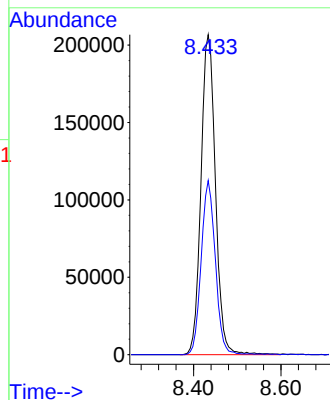
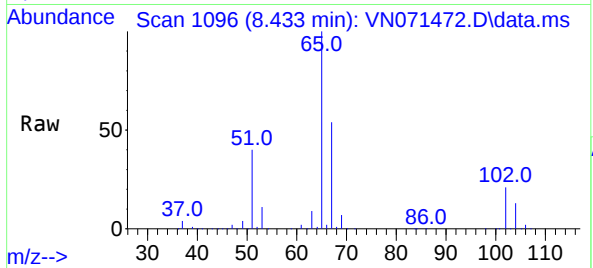




#33
1,2-Dichloroethane-d4
Concen: 48.595 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

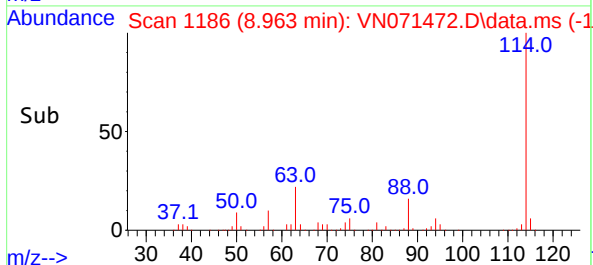
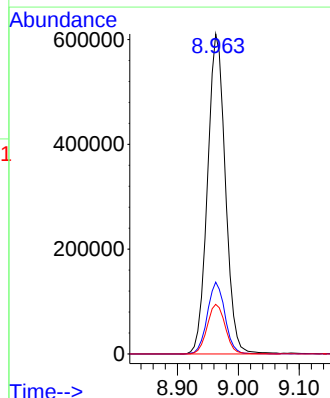
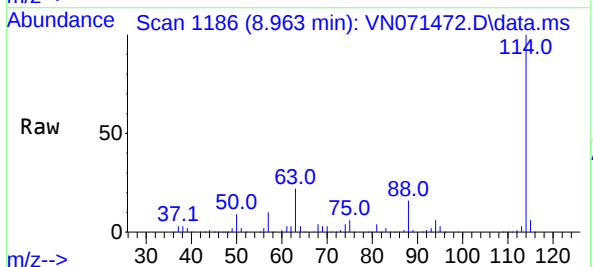
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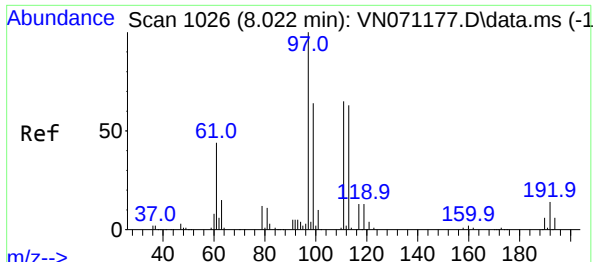
Tgt Ion: 65 Resp: 477220
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

Tgt Ion:114 Resp: 1243448
Ion Ratio Lower Upper
114 100
63 22.5 0.0 37.8
88 15.5 0.0 27.4

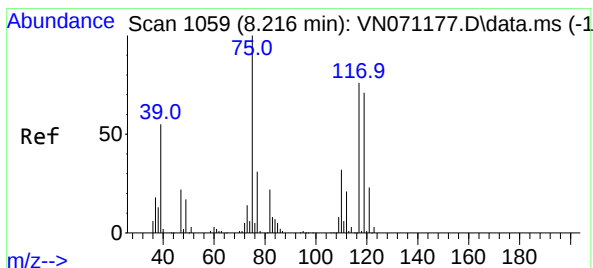
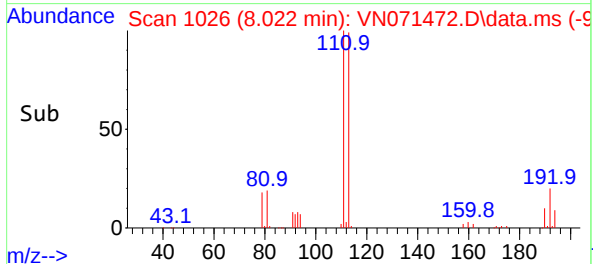
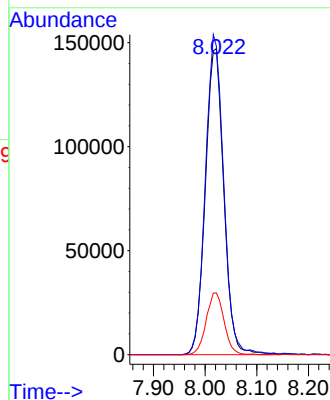
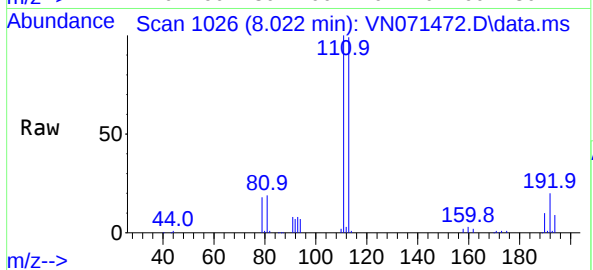




#35
Dibromofluoromethane
Concen: 46.442 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

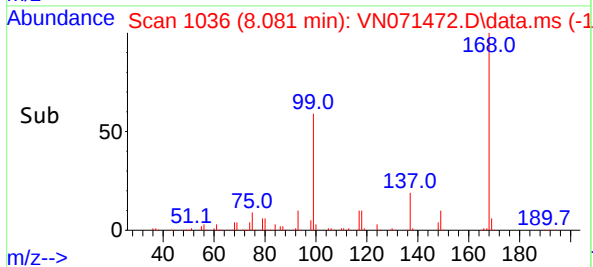
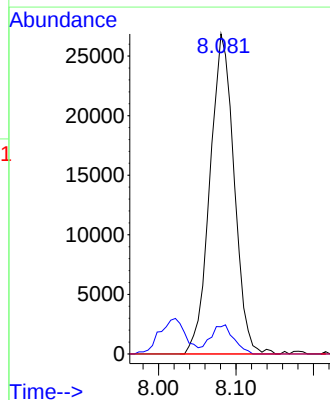
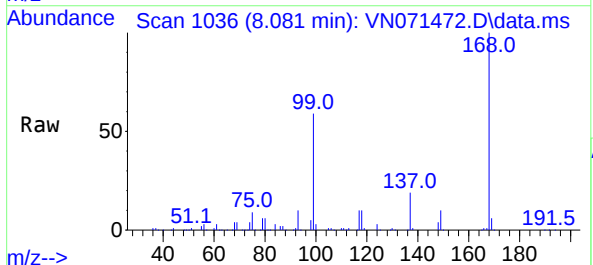
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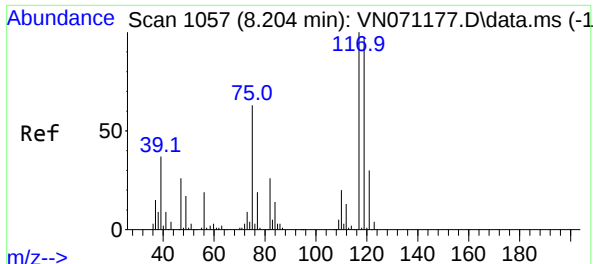
Tgt Ion:113 Resp: 364410
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

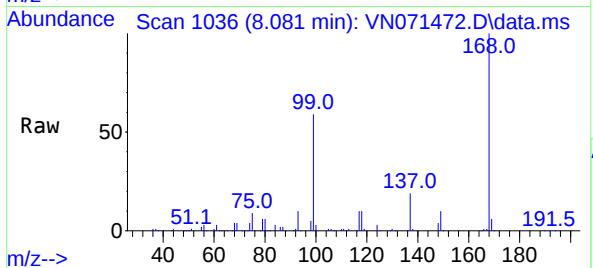
Tgt Ion: 75 Resp: 58205
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.4 36.6#



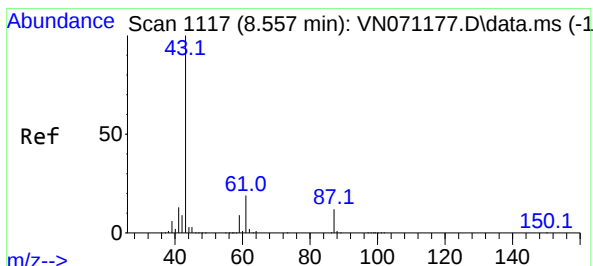
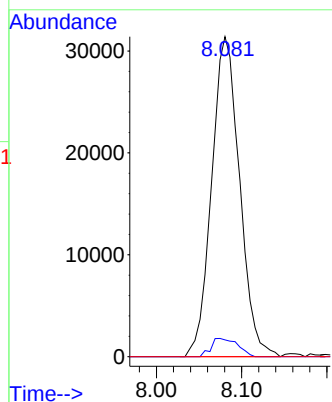
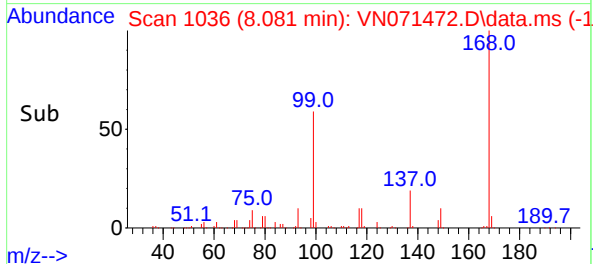


#38
Carbon Tetrachloride
Concen: 5.892 ug/l
RT: 8.081 min Scan# 11036
Delta R.T. -0.124 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

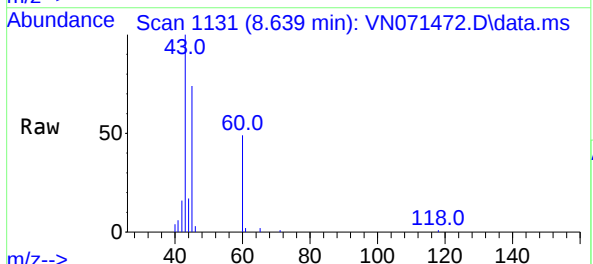
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MSVOA_N
ClientSampleId :
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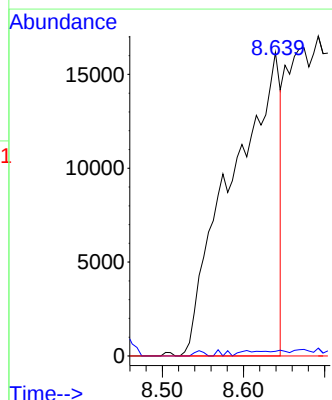
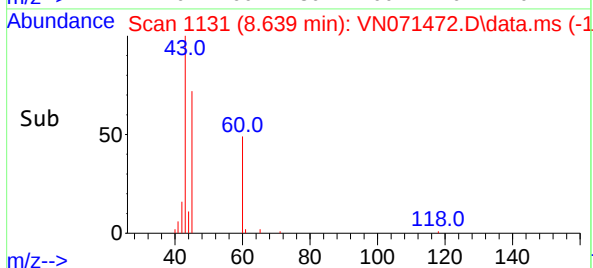
Tgt Ion:117 Resp: 71644
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#

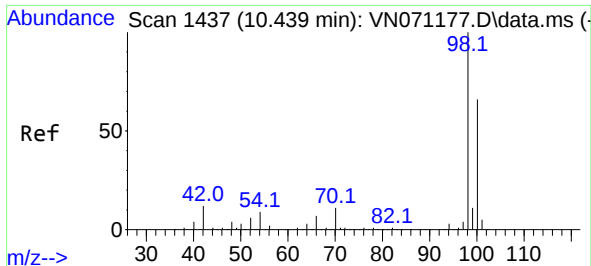


#43
Isopropyl Acetate
Concen: 2.590 ug/l
RT: 8.639 min Scan# 1131
Delta R.T. 0.082 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21



Tgt Ion: 43 Resp: 67022
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

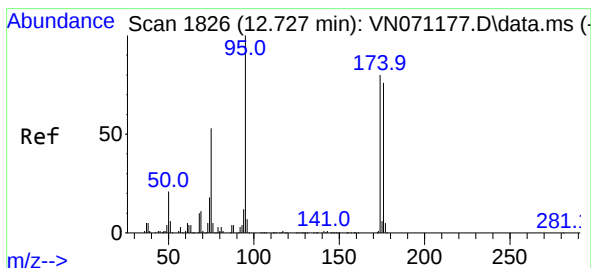
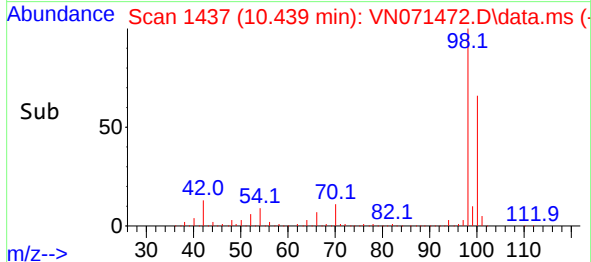
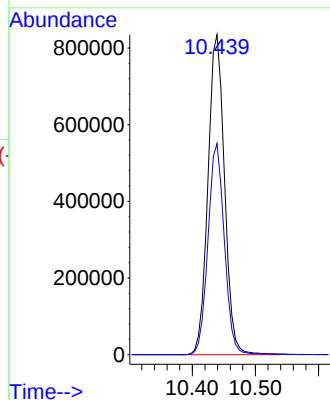
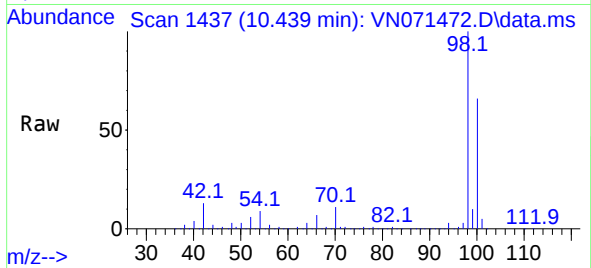




#50
Toluene-d8
Concen: 48.147 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

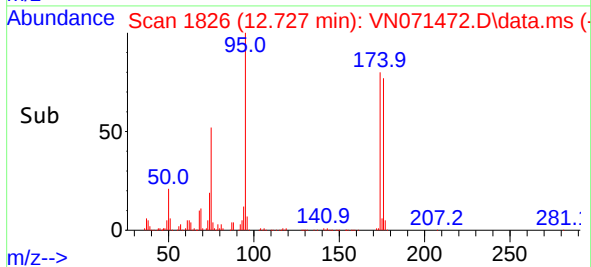
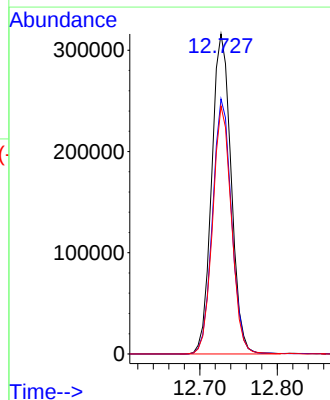
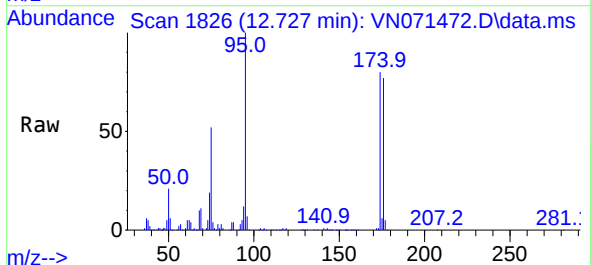
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MSVOA_N
ClientSampleId :
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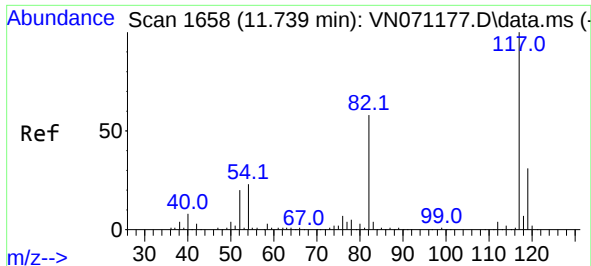
Tgt Ion: 98 Resp: 1521106
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.491 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

Tgt Ion: 95 Resp: 550851
Ion Ratio Lower Upper
95 100
174 77.9 0.0 187.2
176 74.8 0.0 181.4

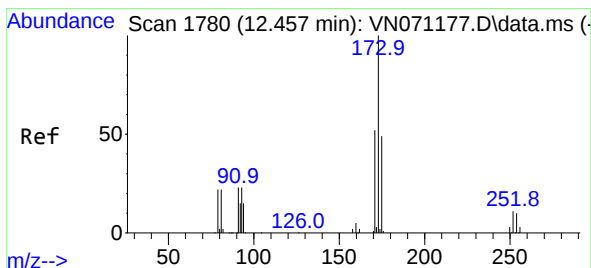
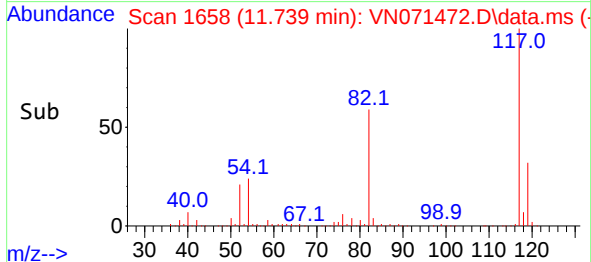
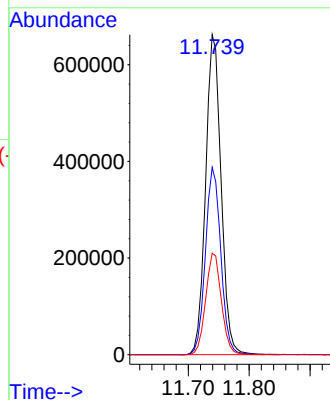
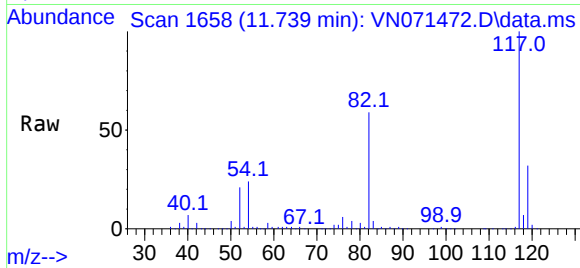




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

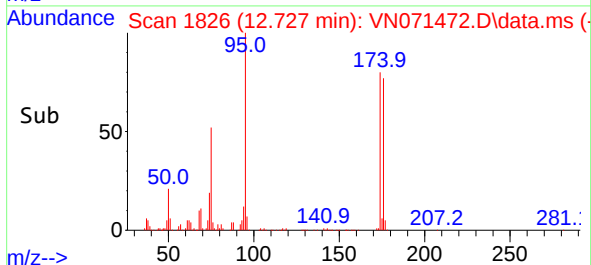
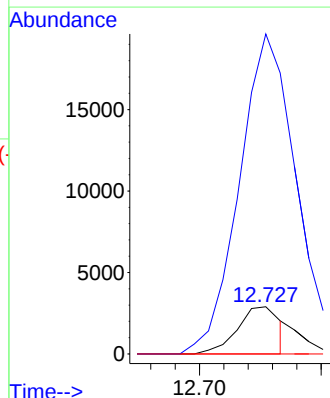
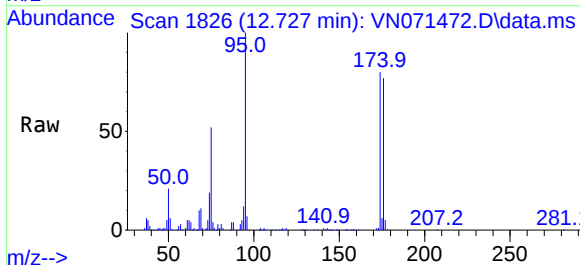
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MSVOA_N
ClientSampleId :
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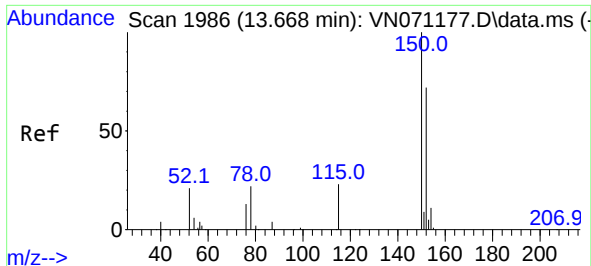
Tgt Ion:117 Resp: 1169931
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 31.7 25.4 38.2



#71
Bromoform
Concen: 0.505 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

Tgt Ion:173 Resp: 3530
Ion Ratio Lower Upper
173 100
175 689.7 24.2 72.6#
254 0.0 0.0 0.0

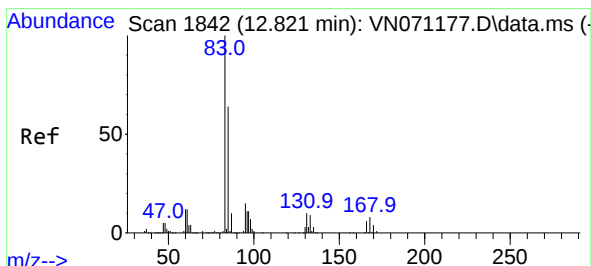
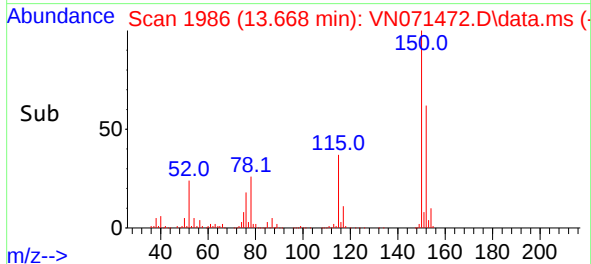
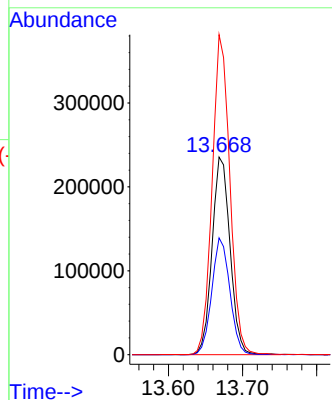
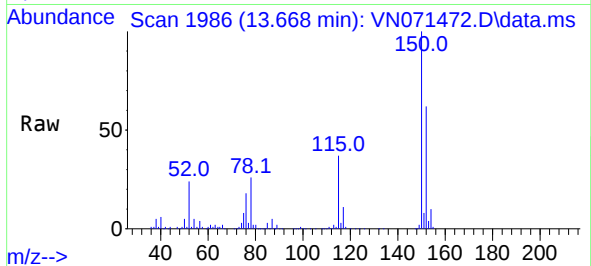




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

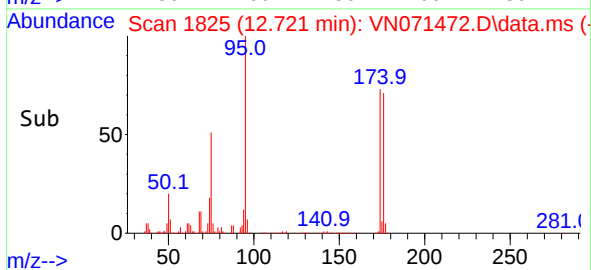
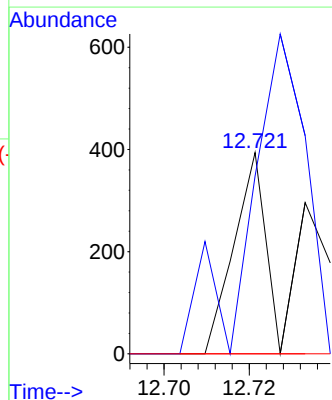
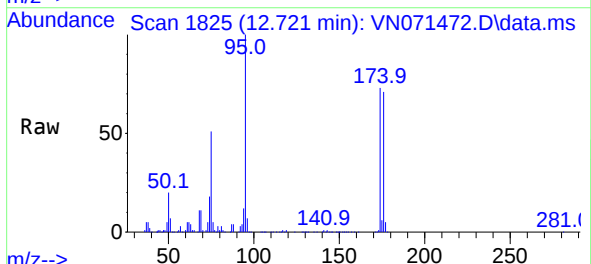
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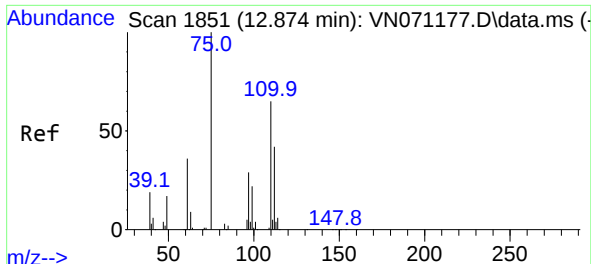
Tgt Ion:152 Resp: 397153
Ion Ratio Lower Upper
152 100
115 59.5 27.5 82.5
150 159.0 0.0 344.4



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.721 min Scan# 1825
Delta R.T. -0.100 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

Tgt Ion: 83 Resp: 203
Ion Ratio Lower Upper
83 100
131 281.8 5.5 16.5#
85 0.0 32.4 97.2#

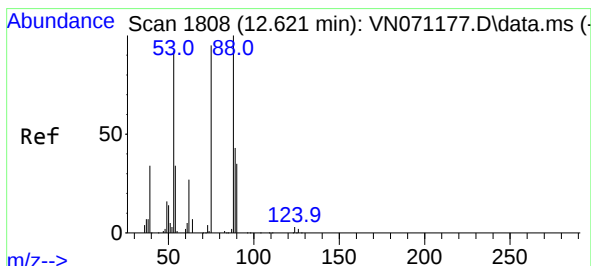
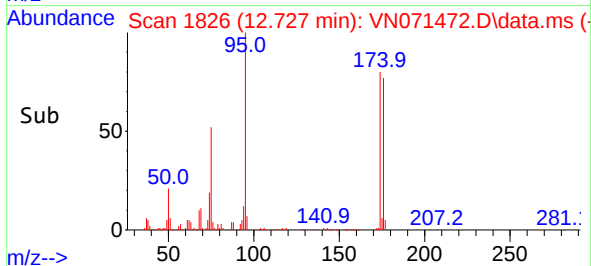
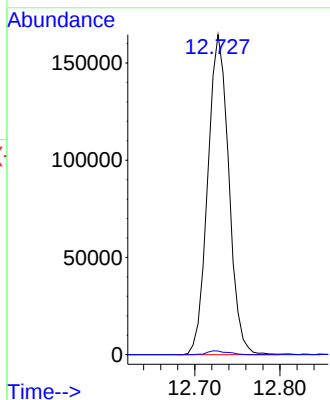
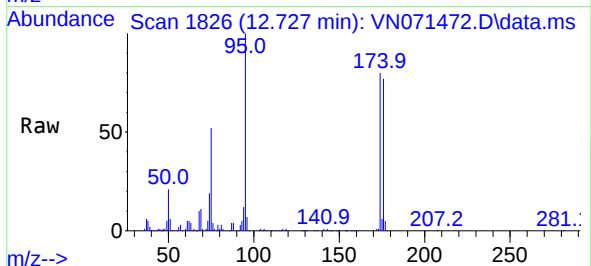




#76
1,2,3-Trichloropropane
Concen: 28.087 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

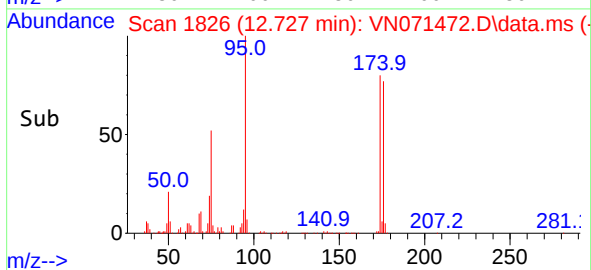
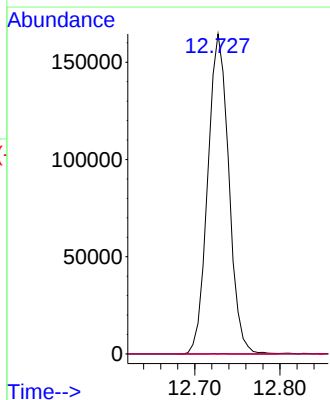
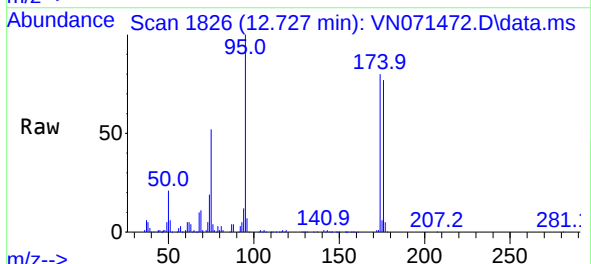
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MSVOA_N
ClientSampleId :
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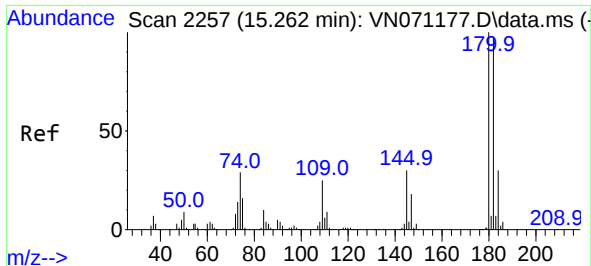
Tgt Ion: 75 Resp: 282258
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.827 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071472.D
Acq: 22 Mar 2022 17:21

Tgt Ion: 75 Resp: 282258
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#





#93

1,2,4-Trichlorobenzene

Concen: 3.029 ug/l

RT: 15.274 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN071472.D

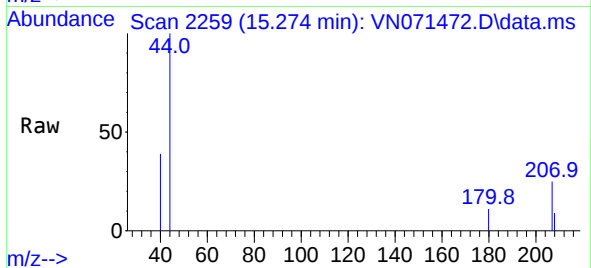
Acq: 22 Mar 2022 17:21

Instrument :

MSVOA_N

ClientSampleId :

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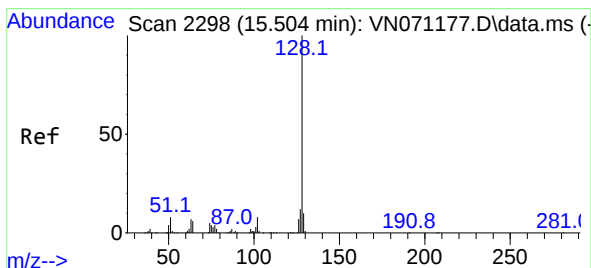
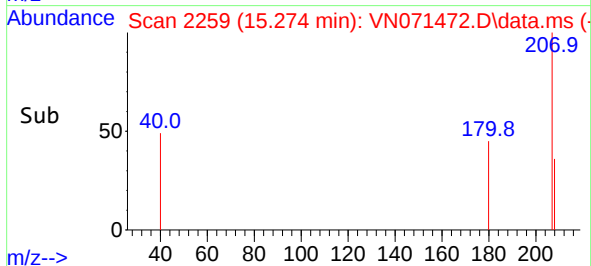
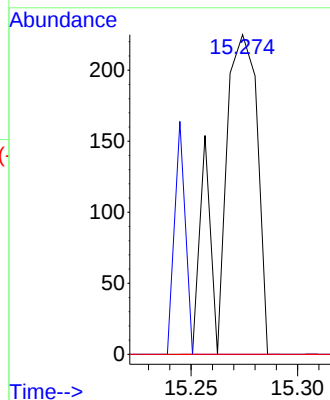
Tgt Ion:180 Resp: 273

Ion Ratio Lower Upper

180 100

182 0.0 48.3 144.9#

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 5.083 ug/l

RT: 15.492 min Scan# 2296

Delta R.T. -0.012 min

Lab File: VN071472.D

Acq: 22 Mar 2022 17:21

Tgt Ion:128 Resp: 315

Ion Ratio Lower Upper

128 100

127 17.1 10.5 15.7#

129 0.0 8.7 13.1#

