

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071009.D
 Acq On : 18 Feb 2022 18:39
 Operator : JC\MD
 Sample : N1587-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Feb 19 04:10:40 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)

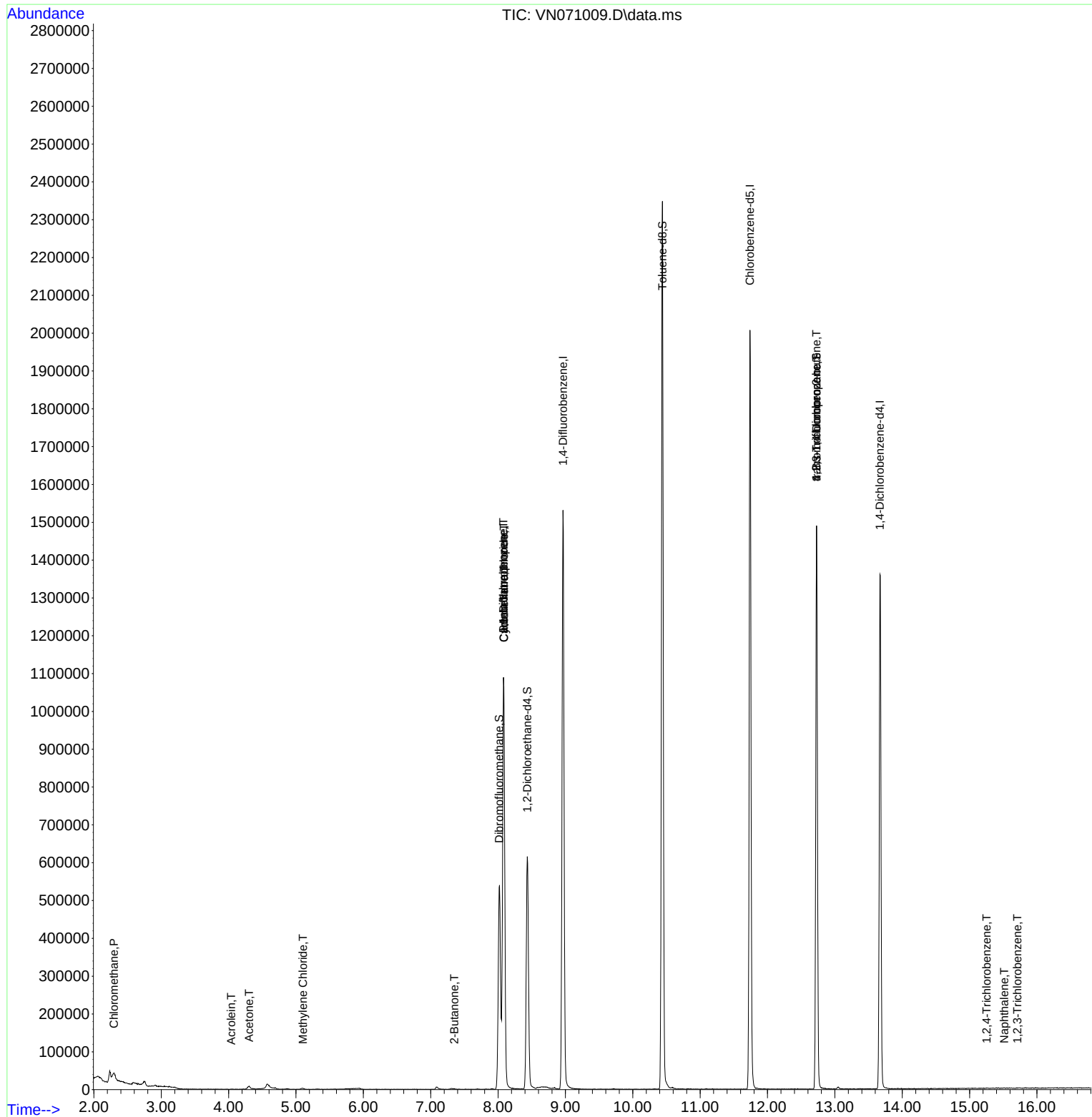
Internal Standards						
1) Pentafluorobenzene	8.081	168	862274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1352417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1189776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	400657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	512113	51.992	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.980%	
35) Dibromofluoromethane	8.016	113	401285	49.885	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.780%	
50) Toluene-d8	10.439	98	1644683	50.911	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	12.727	95	527046	45.643	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.280%	
Target Compounds						Qvalue
3) Chloromethane	2.299	50	3468	0.308	ug/l #	77
13) Acrolein	4.040	56	420	0.262	ug/l #	78
16) Acetone	4.304	43	11501	2.120	ug/l	95
18) Methyl Acetate	4.857	43	3223	Below Cal	#	77
20) Methylene Chloride	5.104	84	2134	0.216	ug/l #	80
25) 2-Butanone	7.351	43	2597	0.360	ug/l	96
31) Cyclohexane	8.087	56	16861	0.990	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	64155	4.868	ug/l #	49
38) Carbon Tetrachloride	8.087	117	81953	6.311	ug/l #	17
76) 1,2,3-Trichloropropane	12.727	75	266312	28.230	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	266312	91.480	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.251	180	159	2.020	ug/l #	1
95) Naphthalene	15.515	128	1633	5.072	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.710	180	294	2.557	ug/l #	57

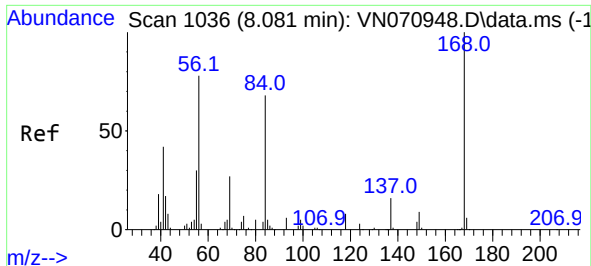
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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Quant Time: Feb 19 04:10:40 2022
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QLast Update : Wed Feb 16 07:52:42 2022
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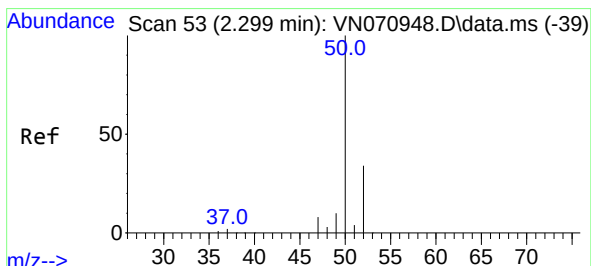
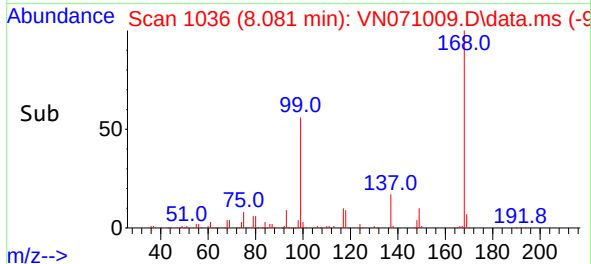
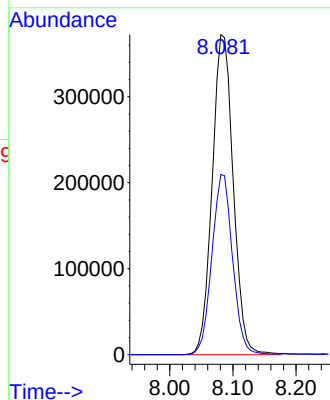
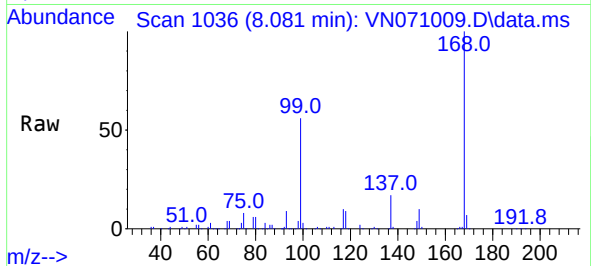




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

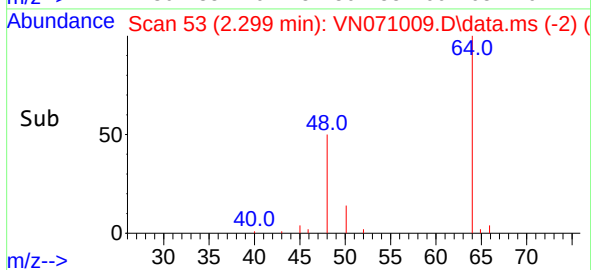
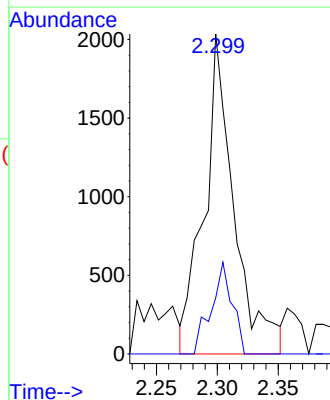
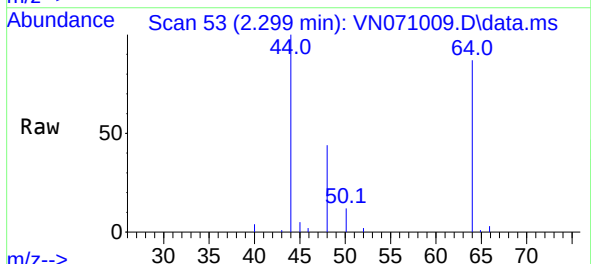
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MSVOA_N
ClientSampleId :
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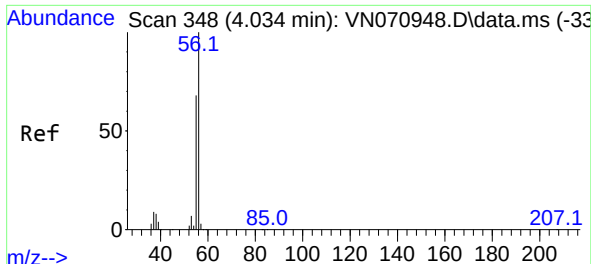
Tgt Ion:168 Resp: 862274
Ion Ratio Lower Upper
168 100
99 56.3 41.3 61.9



#3
Chloromethane
Concen: 0.308 ug/l
RT: 2.299 min Scan# 53
Delta R.T. 0.000 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

Tgt Ion: 50 Resp: 3468
Ion Ratio Lower Upper
50 100
52 19.2 25.4 38.0#

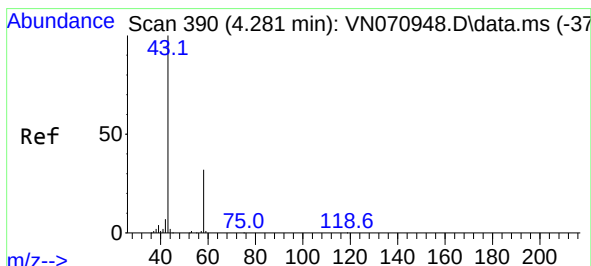
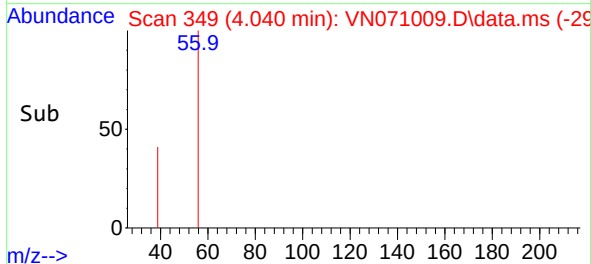
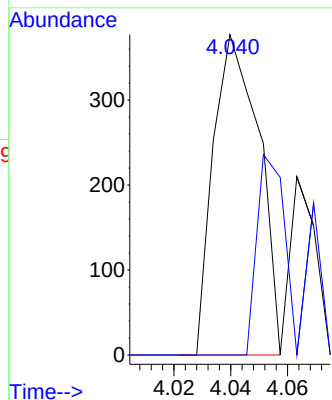
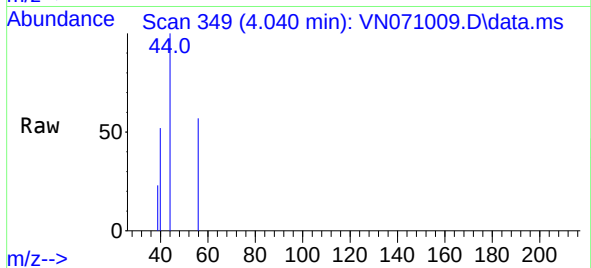




#13
Acrolein
Concen: 0.262 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

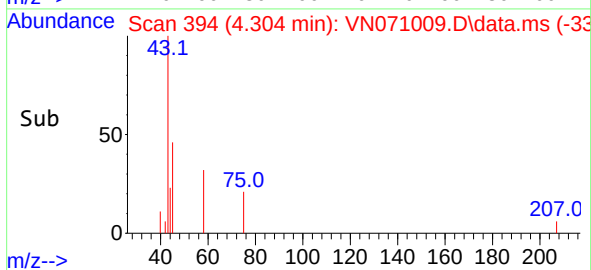
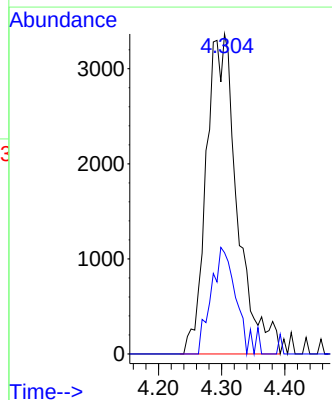
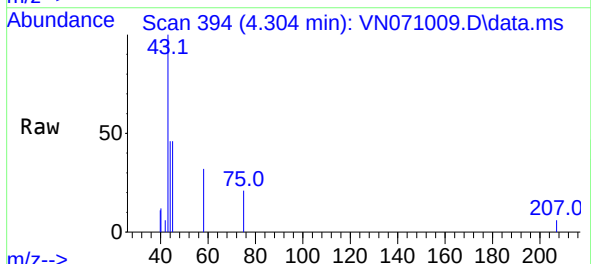
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MSVOA_N
ClientSampleId :
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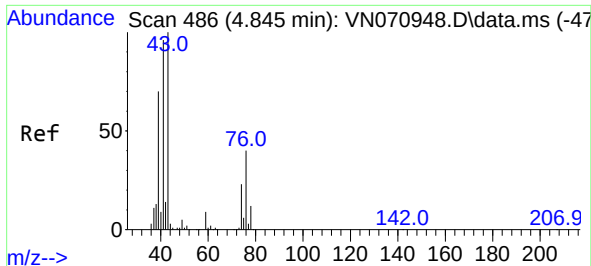
Tgt Ion: 56 Resp: 420
Ion Ratio Lower Upper
56 100
55 52.4 56.6 85.0#



#16
Acetone
Concen: 2.120 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.024 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

Tgt Ion: 43 Resp: 11501
Ion Ratio Lower Upper
43 100
58 31.7 23.1 34.7

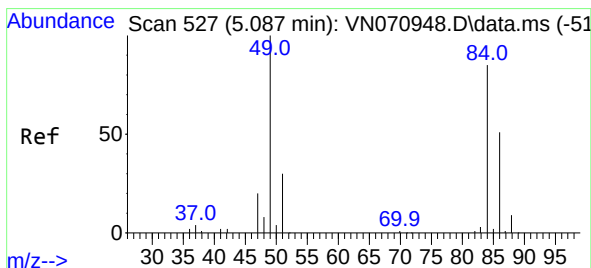
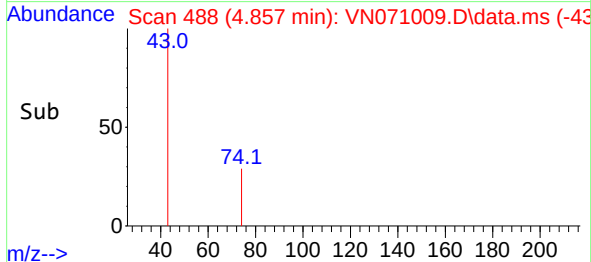
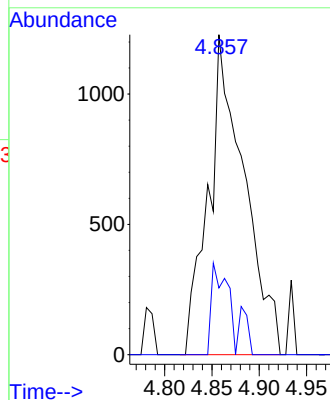
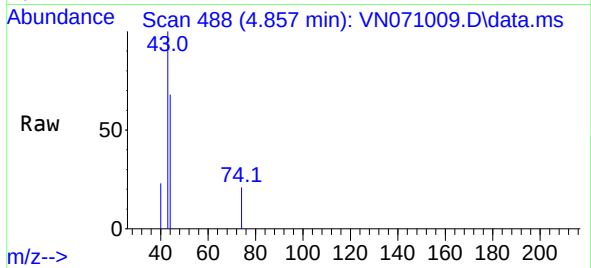




#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

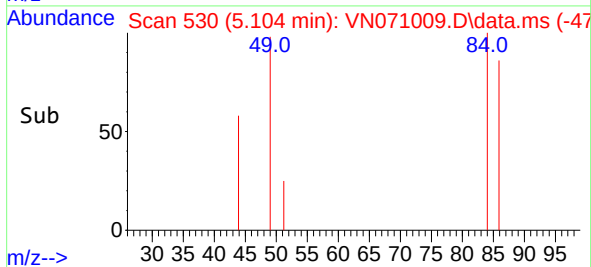
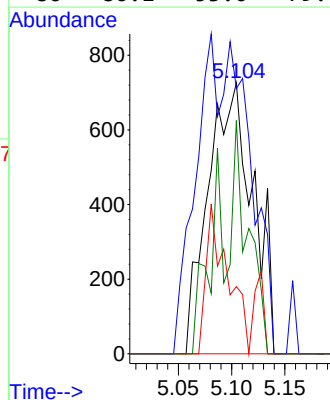
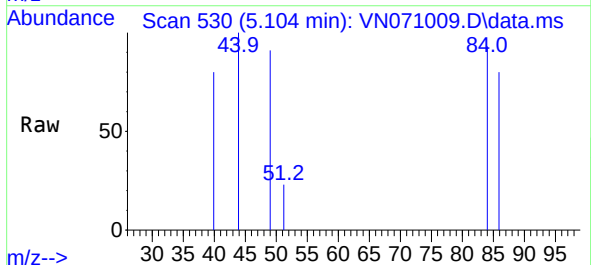
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MSVOA_N
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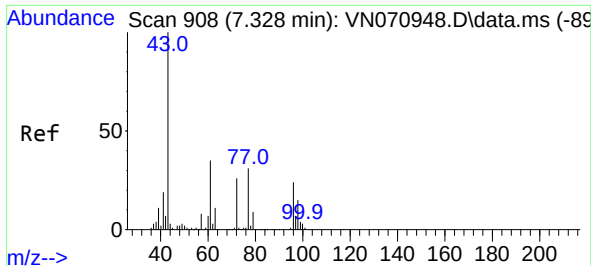
Tgt Ion: 43 Resp: 3223
Ion Ratio Lower Upper
43 100
74 12.7 19.4 29.2#



#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 5.104 min Scan# 530
Delta R.T. 0.018 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

Tgt Ion: 84 Resp: 2134
Ion Ratio Lower Upper
84 100
49 97.9 93.5 140.3
51 24.8 29.4 44.2#
86 86.1 53.0 79.4#





#25

2-Butanone

Concen: 0.360 ug/l

RT: 7.351 min Scan# 91

Delta R.T. 0.024 min

Lab File: VN071009.D

Acq: 18 Feb 2022 18:39

Instrument :

MSVOA_N

ClientSampleId :

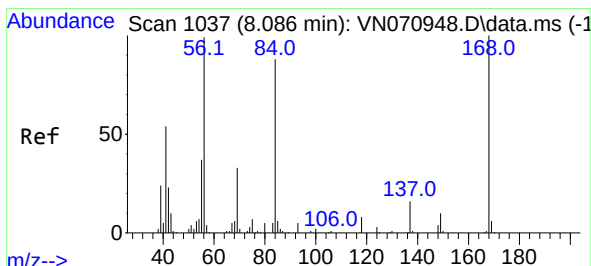
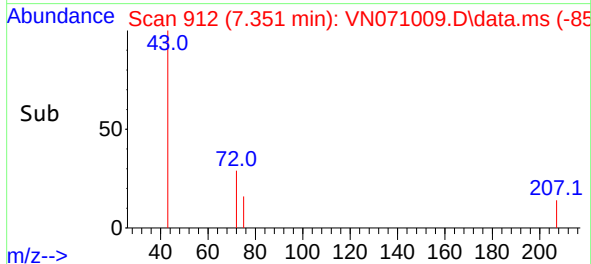
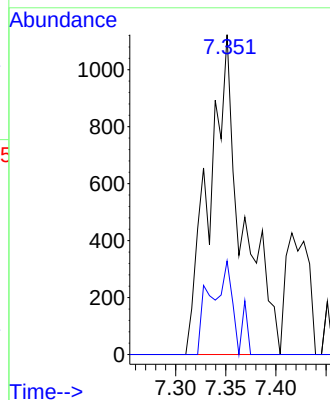
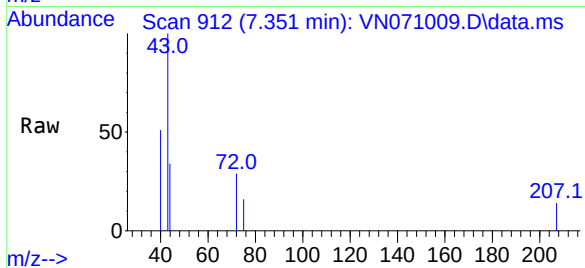
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Tgt Ion: 43 Resp: 2597

Ion Ratio Lower Upper

43 100

72 29.3 21.7 32.5



#31

Cyclohexane

Concen: 0.990 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VN071009.D

Acq: 18 Feb 2022 18:39

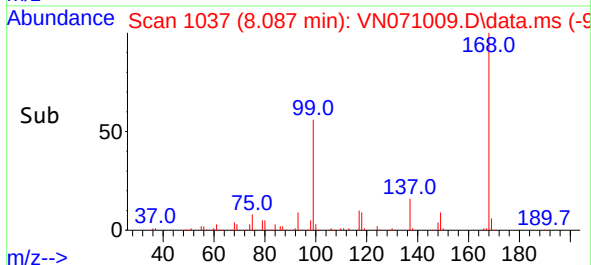
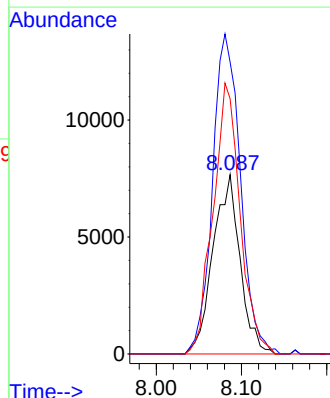
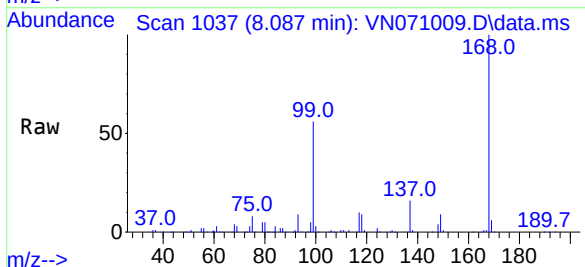
Tgt Ion: 56 Resp: 16861

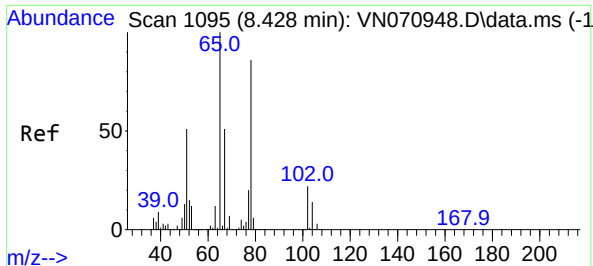
Ion Ratio Lower Upper

56 100

69 162.7 27.1 40.7#

84 142.3 73.4 110.0#

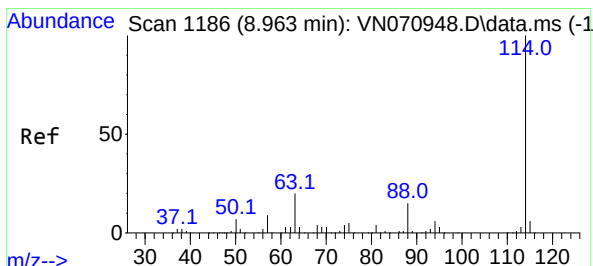
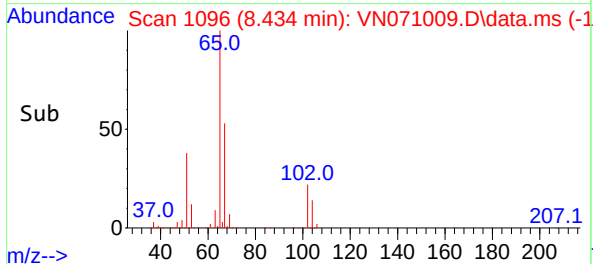
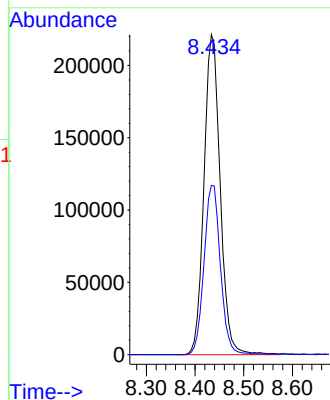
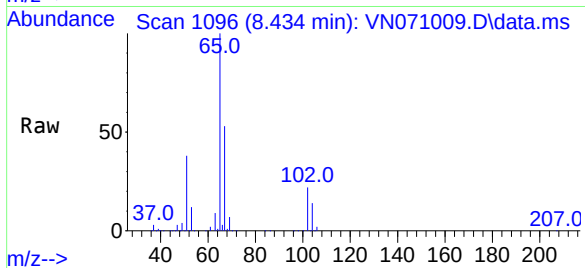




#33
1,2-Dichloroethane-d4
Concen: 51.992 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

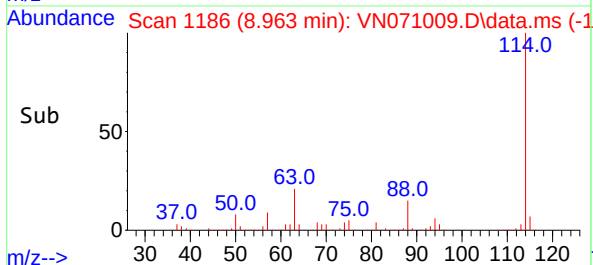
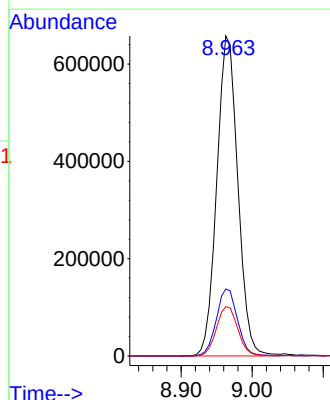
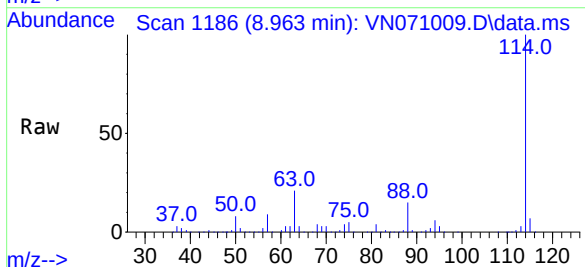
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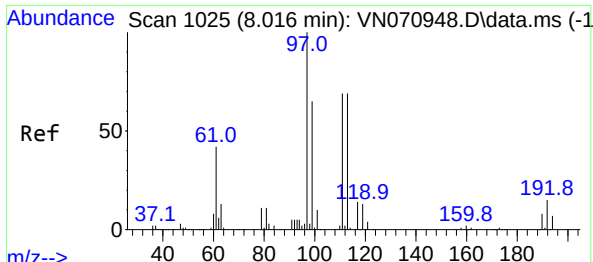
Tgt Ion: 65 Resp: 512113
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

Tgt Ion: 114 Resp: 1352417
Ion Ratio Lower Upper
114 100
63 20.9 0.0 37.8
88 15.4 0.0 27.4

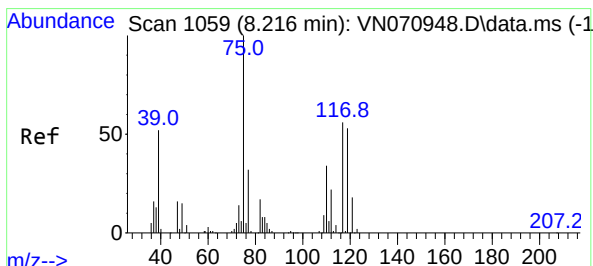
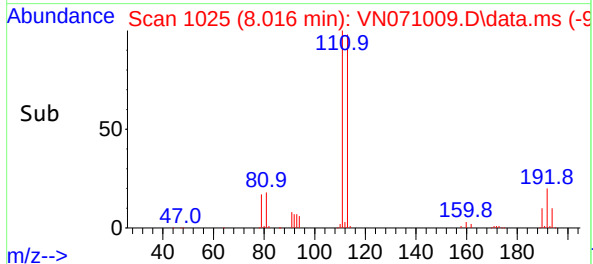
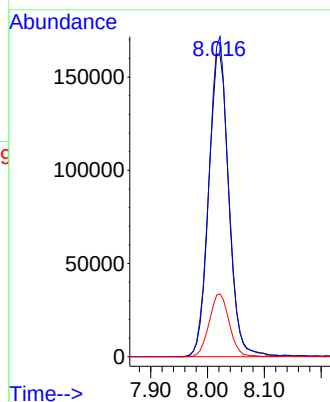
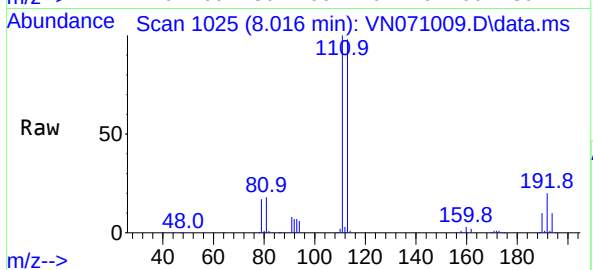




#35
Dibromofluoromethane
Concen: 49.885 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

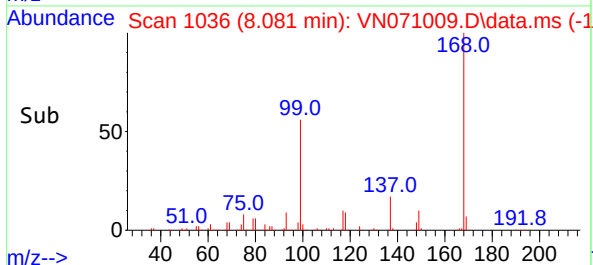
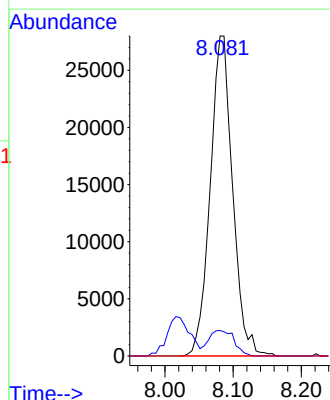
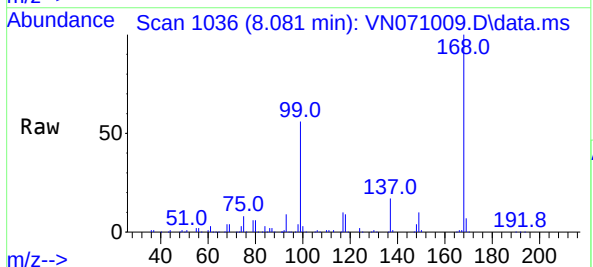
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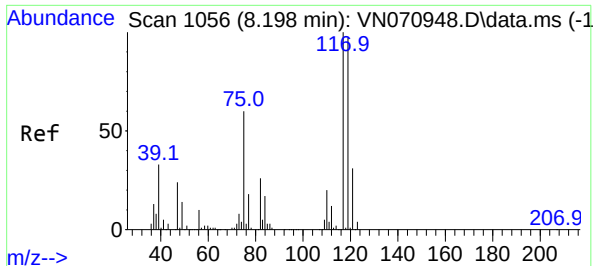
Tgt Ion:113 Resp: 401285
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.868 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

Tgt Ion: 75 Resp: 64155
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.4 36.6#

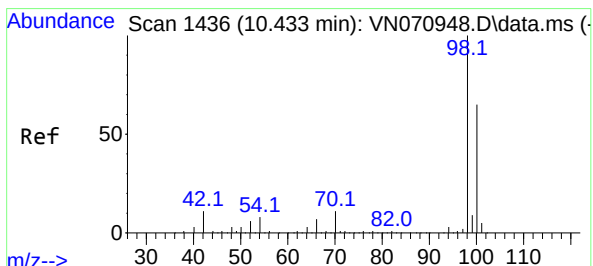
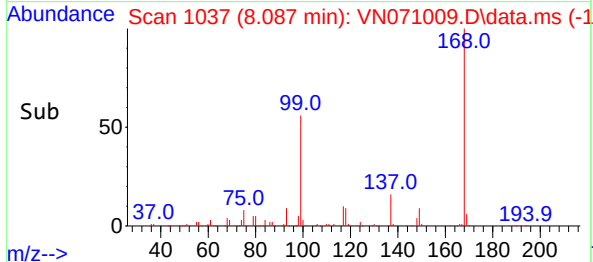
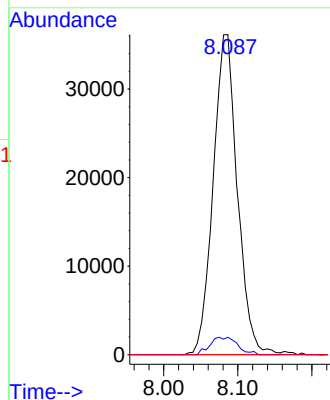
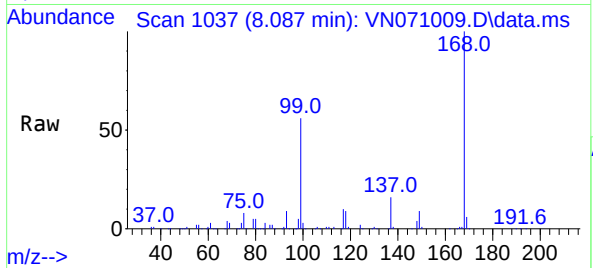




#38
Carbon Tetrachloride
Concen: 6.311 ug/l
RT: 8.087 min Scan# 1056
Delta R.T. -0.112 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

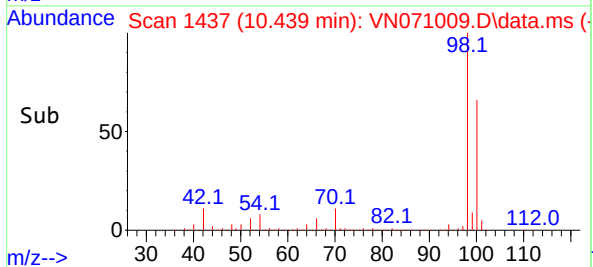
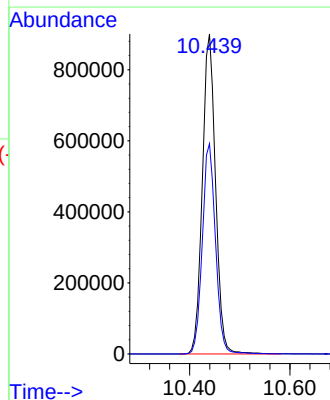
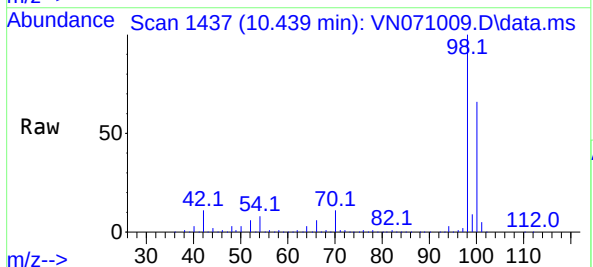
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MSVOA_N
ClientSampleId :
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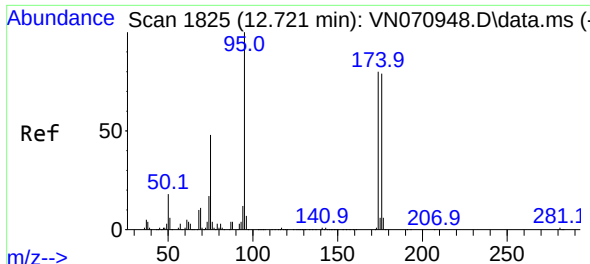
Tgt Ion:117 Resp: 81953
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.911 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

Tgt Ion: 98 Resp: 1644683
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6

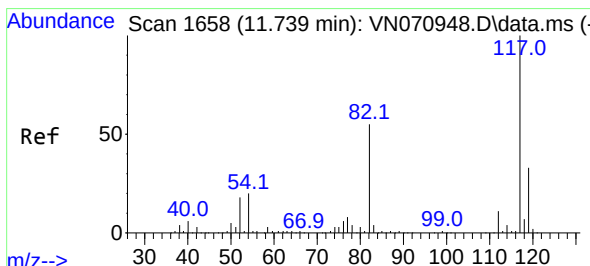
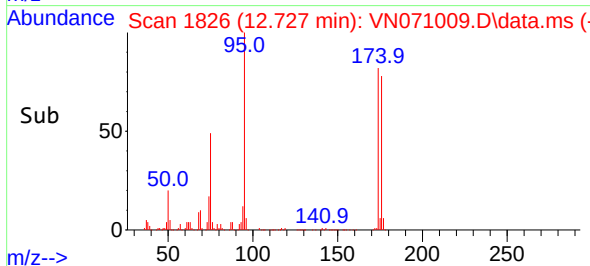
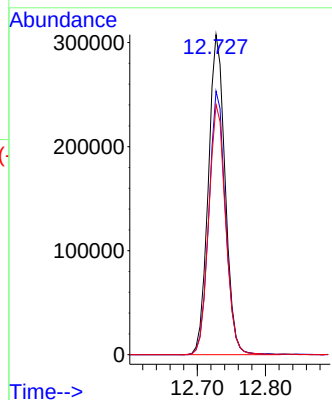
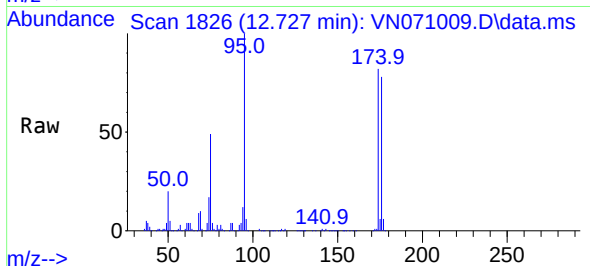




#62
4-Bromofluorobenzene
Concen: 45.643 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

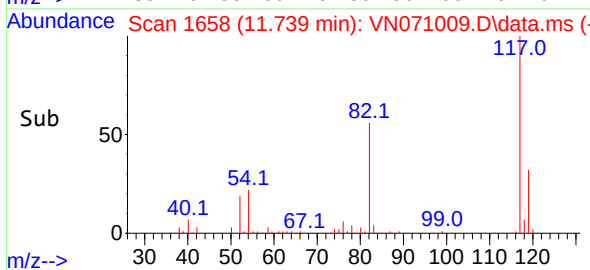
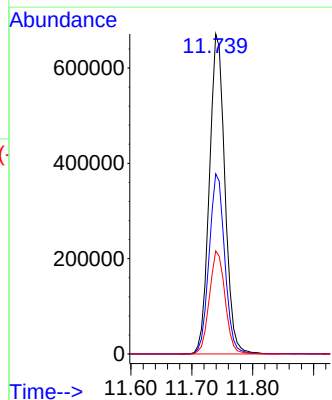
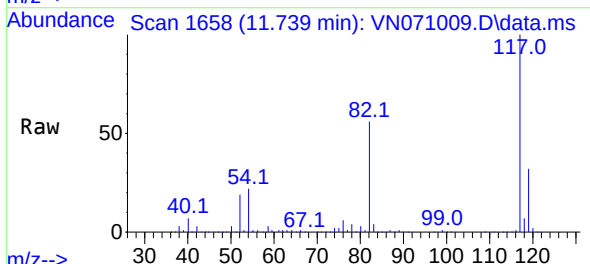
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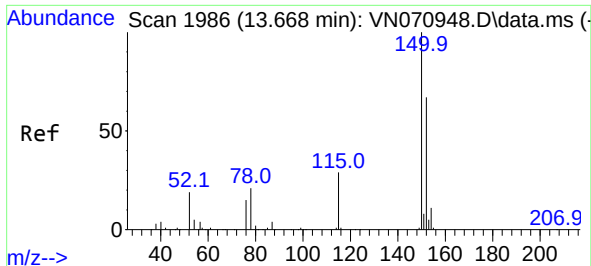
Tgt Ion: 95 Resp: 527046
Ion Ratio Lower Upper
95 100
174 81.4 0.0 187.2
176 78.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

Tgt Ion: 117 Resp: 1189776
Ion Ratio Lower Upper
117 100
82 56.3 42.4 63.6
119 32.2 25.4 38.2

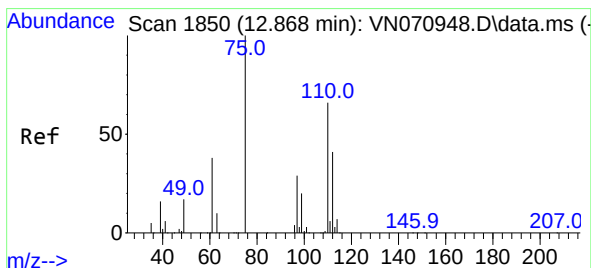
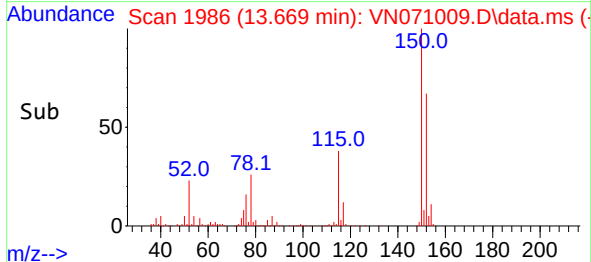
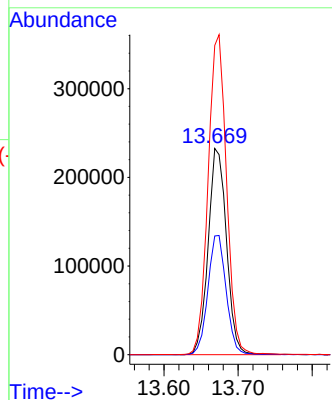
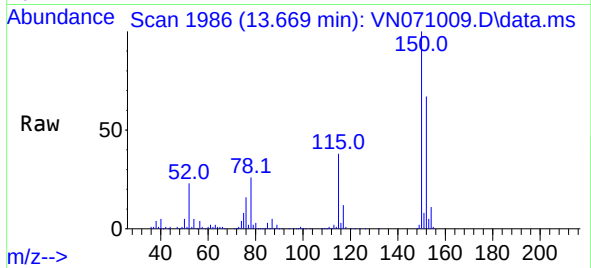




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN071009.D
 Acq: 18 Feb 2022 18:39

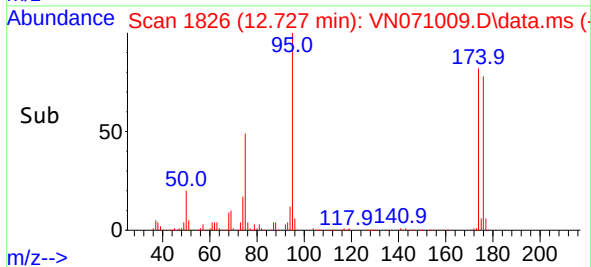
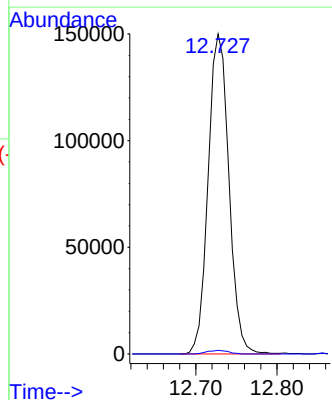
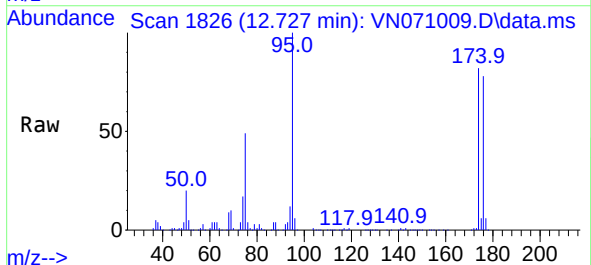
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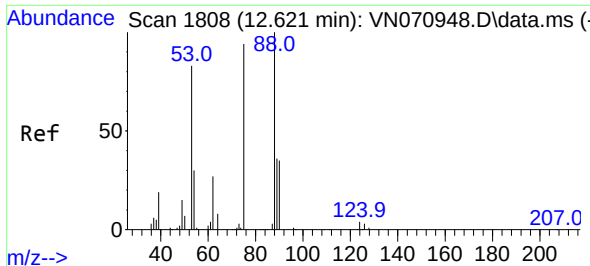
Tgt Ion:152 Resp: 400657
 Ion Ratio Lower Upper
 152 100
 115 57.7 27.5 82.5
 150 156.1 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 28.230 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.141 min
 Lab File: VN071009.D
 Acq: 18 Feb 2022 18:39

Tgt Ion: 75 Resp: 266312
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#

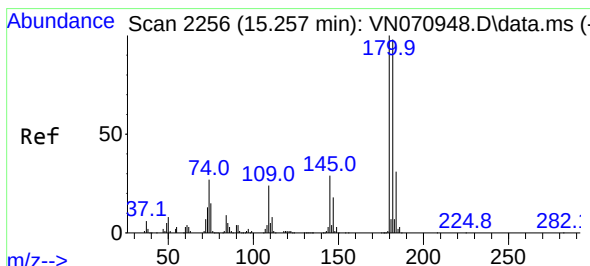
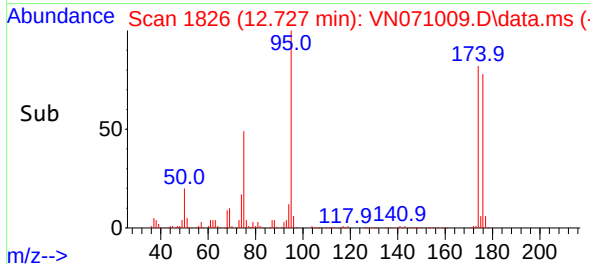
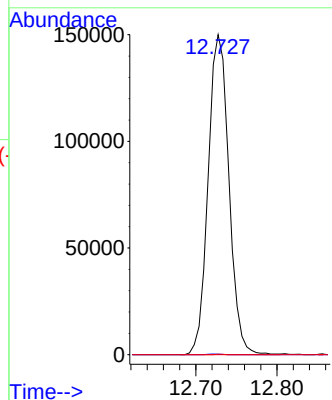
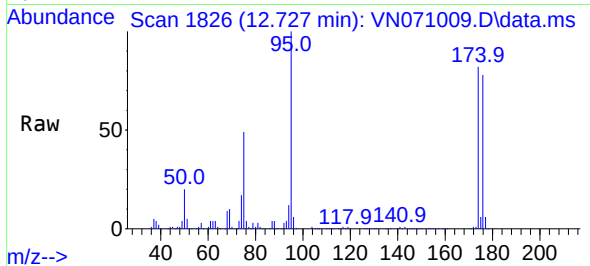




#81
trans-1,4-Dichloro-2-butene
Concen: 91.480 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

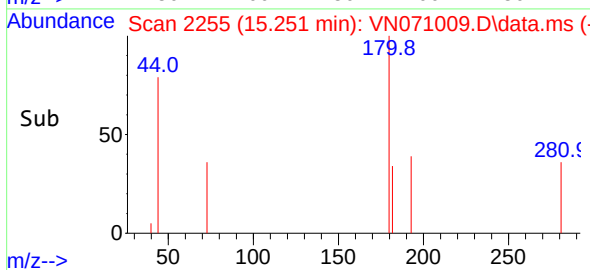
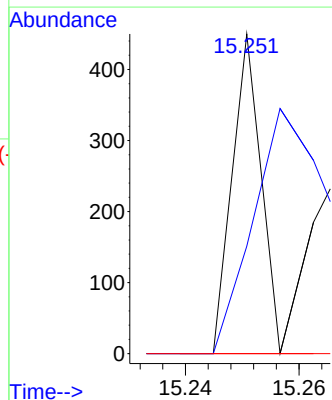
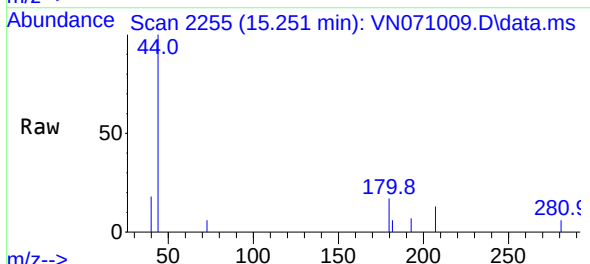
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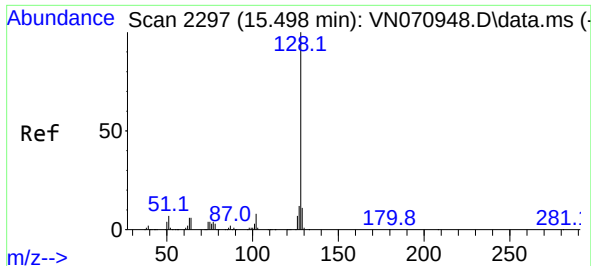
Tgt Ion: 75 Resp: 266312
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.020 ug/l
RT: 15.251 min Scan# 2255
Delta R.T. -0.006 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

Tgt Ion:180 Resp: 159
Ion Ratio Lower Upper
180 100
182 206.9 48.3 144.9#
145 0.0 14.5 43.5#

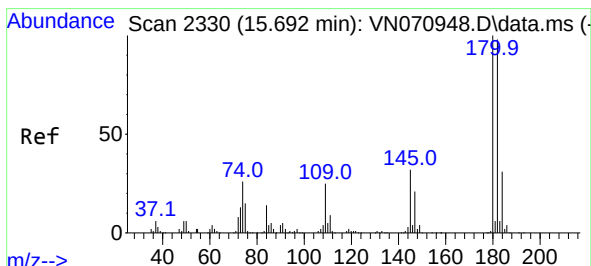
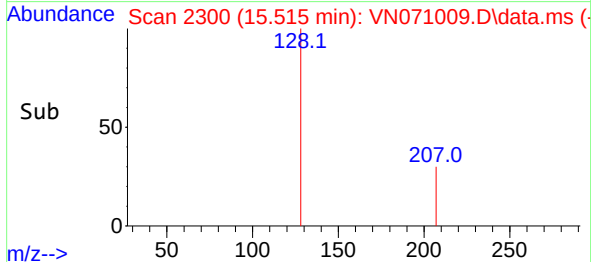
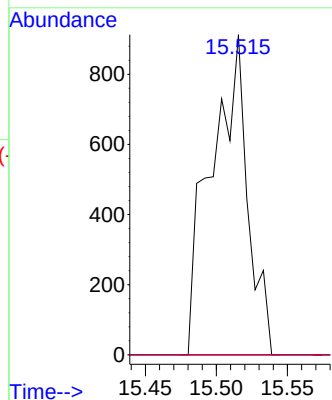
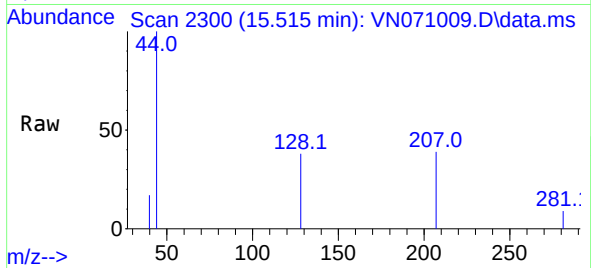




#95
Naphthalene
Concen: 5.072 ug/l
RT: 15.515 min Scan# 21
Delta R.T. 0.017 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK

Tgt Ion:128 Resp: 1633
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.557 ug/l
RT: 15.710 min Scan# 2333
Delta R.T. 0.018 min
Lab File: VN071009.D
Acq: 18 Feb 2022 18:39

Tgt Ion:180 Resp: 294
Ion Ratio Lower Upper
180 100
182 44.9 47.4 142.2#
145 22.1 15.0 45.1

