

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071008.D
 Acq On : 18 Feb 2022 18:15
 Operator : JC\MD
 Sample : N1587-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Feb 19 04:10:23 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)

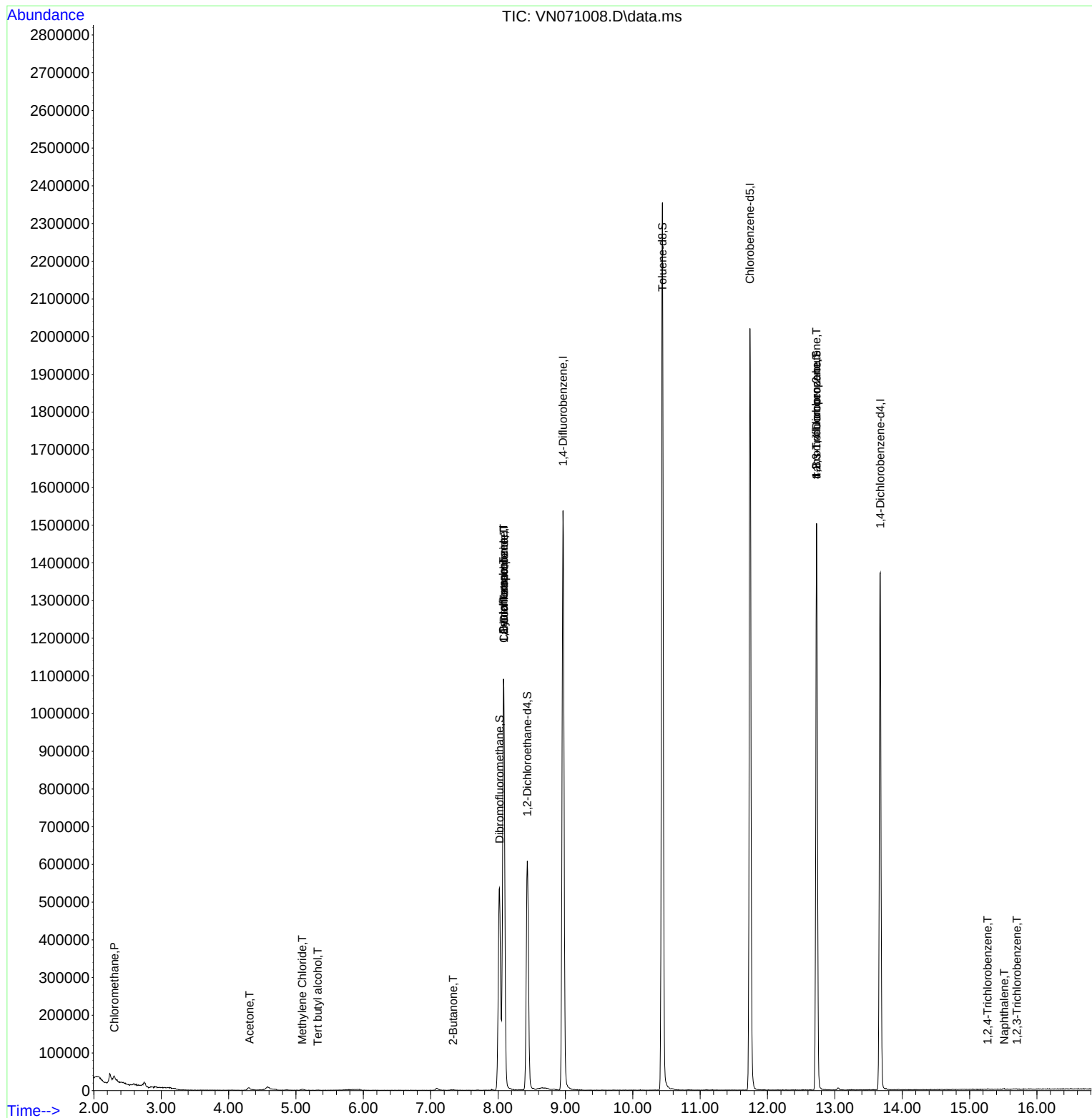
Internal Standards						
1) Pentafluorobenzene	8.081	168	868747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1363584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1199210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	389432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	507110	51.100	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 102.200%		
35) Dibromofluoromethane	8.022	113	400128	49.334	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 98.660%		
50) Toluene-d8	10.439	98	1633463	50.150	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 100.300%		
62) 4-Bromofluorobenzene	12.727	95	527427	45.302	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 90.600%		
Target Compounds						
						Qvalue
3) Chloromethane	2.305	50	3877	0.342	ug/l	98
11) Tert butyl alcohol	5.322	59	444	0.245	ug/l #	71
16) Acetone	4.310	43	9623	1.761	ug/l #	81
18) Methyl Acetate	4.869	43	2272	Below Cal	#	70
20) Methylene Chloride	5.093	84	2664	0.268	ug/l #	84
25) 2-Butanone	7.334	43	1875	0.258	ug/l	93
31) Cyclohexane	8.081	56	17216	1.003	ug/l #	1
36) 1,1-Dichloropropene	8.087	75	63823	4.803	ug/l #	49
38) Carbon Tetrachloride	8.087	117	83152	6.351	ug/l #	16
76) 1,2,3-Trichloropropane	12.727	75	265733	28.981	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	265733	93.912	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	282	2.037	ug/l #	76
95) Naphthalene	15.515	128	1508	5.068	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.704	180	456	2.581	ug/l	78

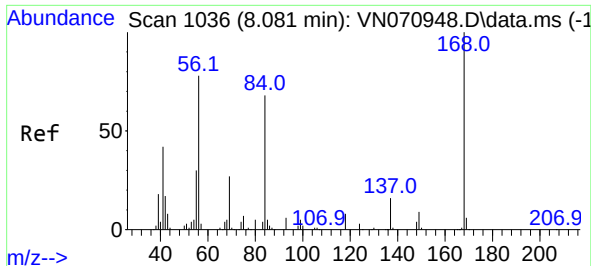
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 19 04:10:23 2022
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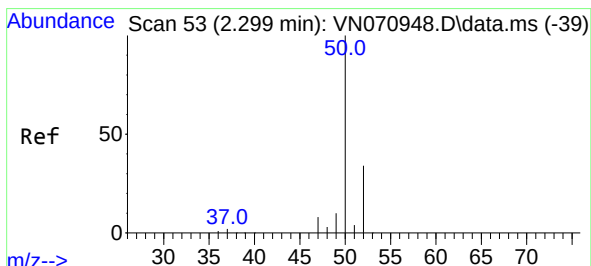
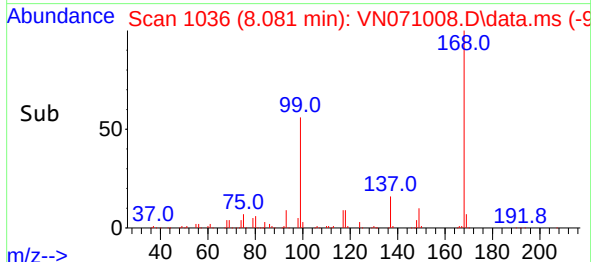
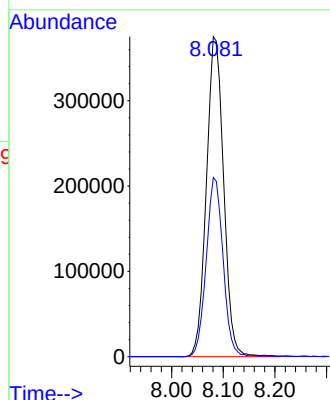
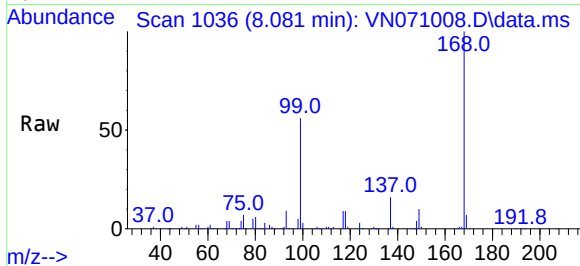




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

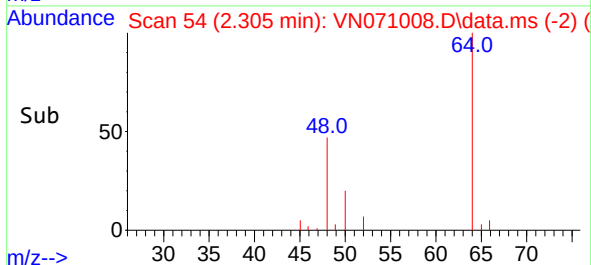
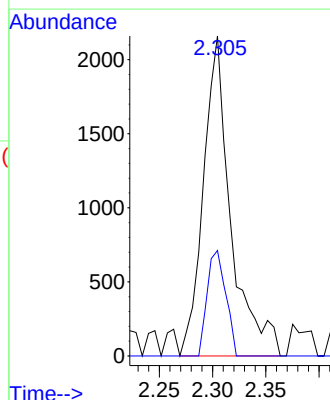
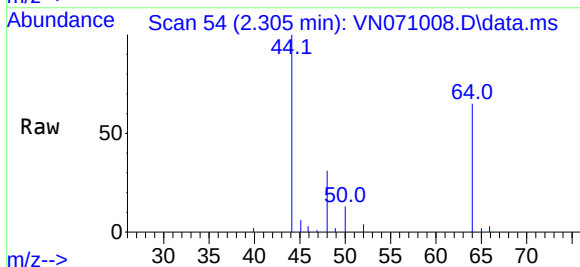
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MSVOA_N
ClientSampleId :
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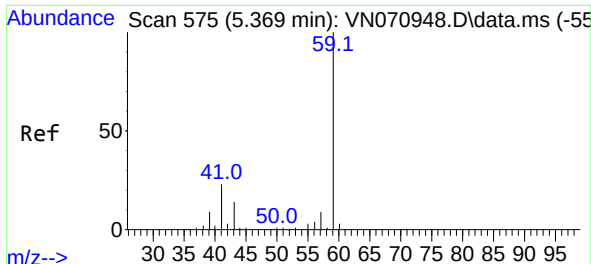
Tgt Ion:168 Resp: 868747
Ion Ratio Lower Upper
168 100
99 56.0 41.3 61.9



#3
Chloromethane
Concen: 0.342 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

Tgt Ion: 50 Resp: 3877
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.0

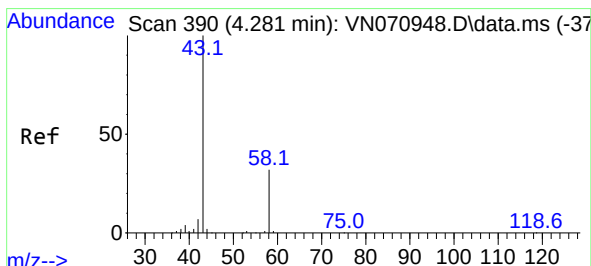
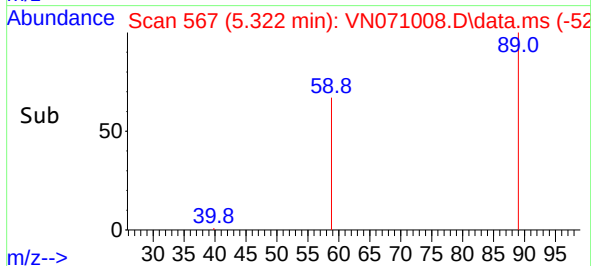
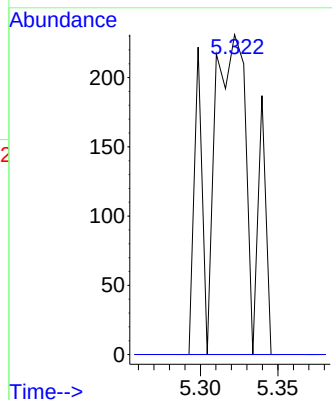
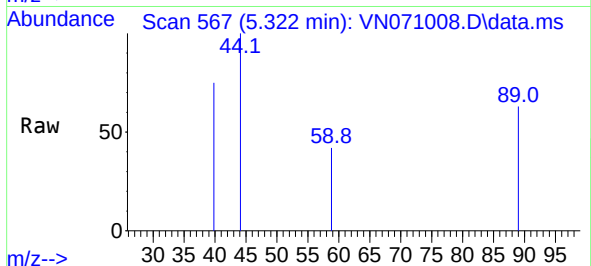




#11
Tert butyl alcohol
Concen: 0.245 ug/l
RT: 5.322 min Scan# 51
Delta R.T. -0.047 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

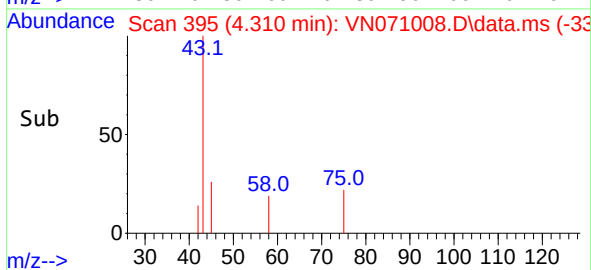
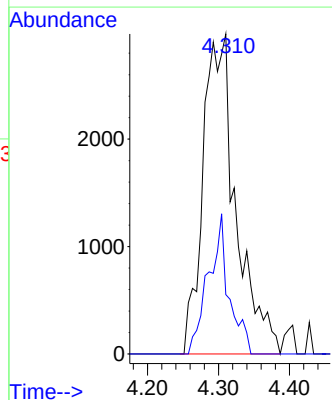
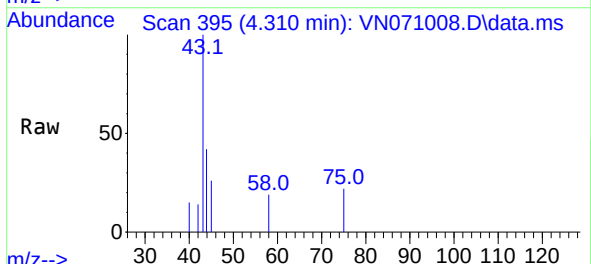
Instrument :
MSVOA_N
ClientSampleId :
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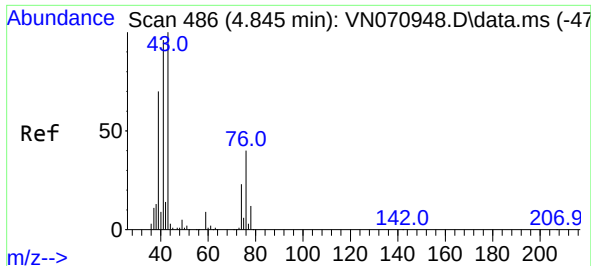
Tgt Ion: 59 Resp: 444
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 1.761 ug/l
RT: 4.310 min Scan# 395
Delta R.T. 0.030 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

Tgt Ion: 43 Resp: 9623
Ion Ratio Lower Upper
43 100
58 18.6 23.1 34.7#

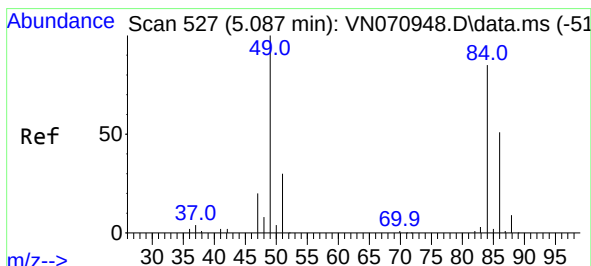
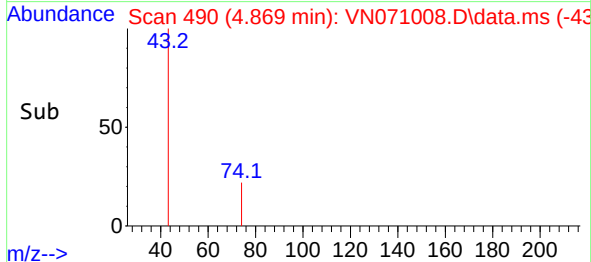
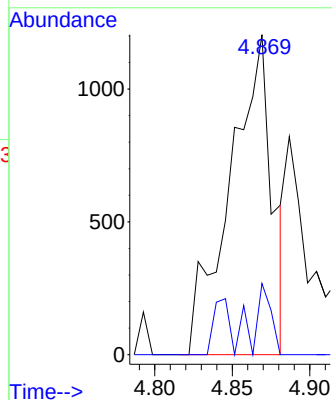
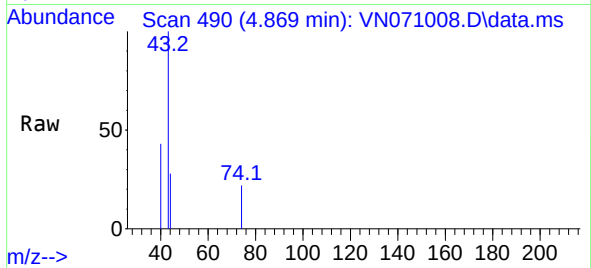




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 491
Delta R.T. 0.024 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

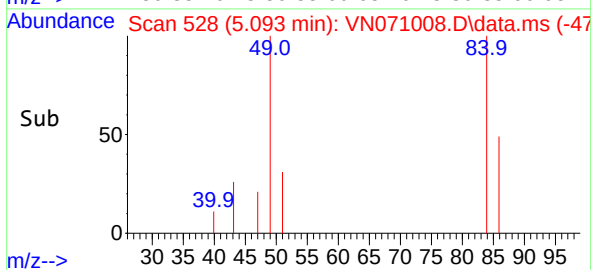
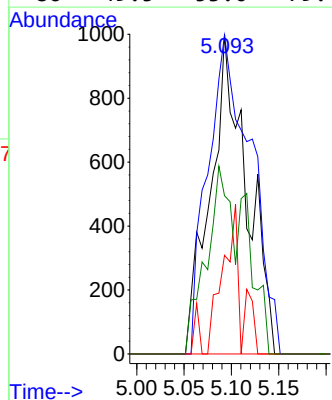
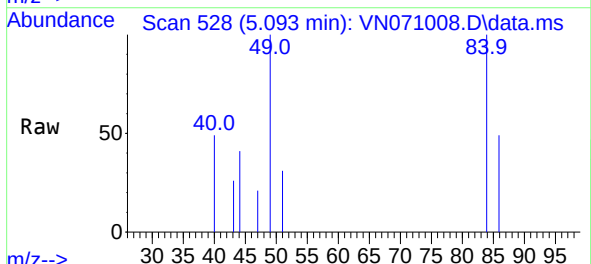
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MSVOA_N
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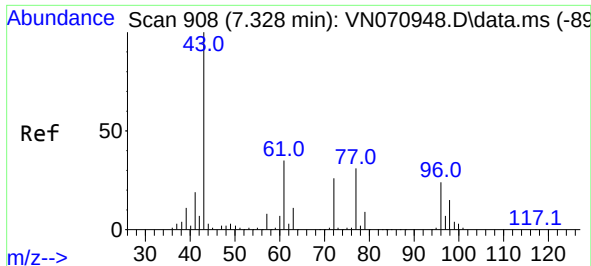
Tgt Ion: 43 Resp: 2272
Ion Ratio Lower Upper
43 100
74 9.6 19.4 29.2#



#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

Tgt Ion: 84 Resp: 2664
Ion Ratio Lower Upper
84 100
49 99.6 93.5 140.3
51 30.9 29.4 44.2
86 49.5 53.0 79.4#

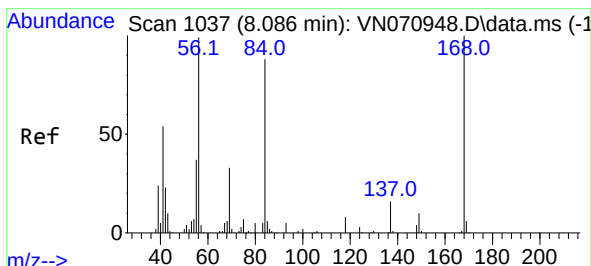
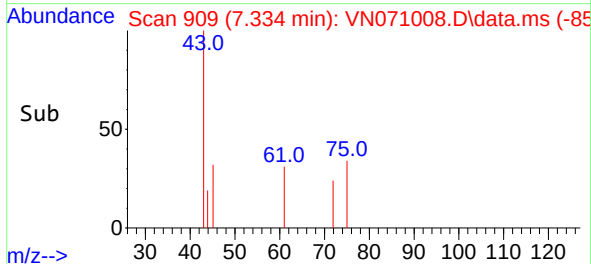
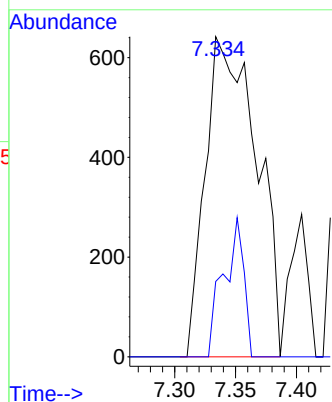
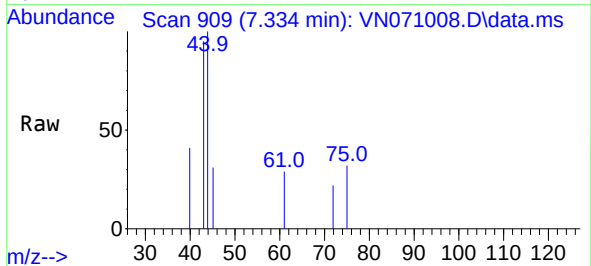




#25
2-Butanone
Concen: 0.258 ug/l
RT: 7.334 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

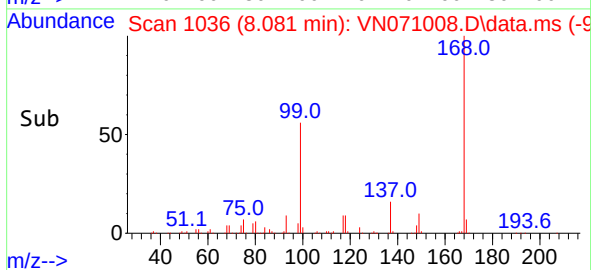
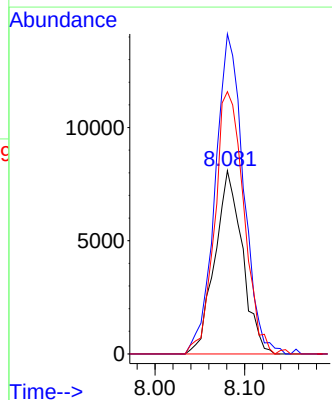
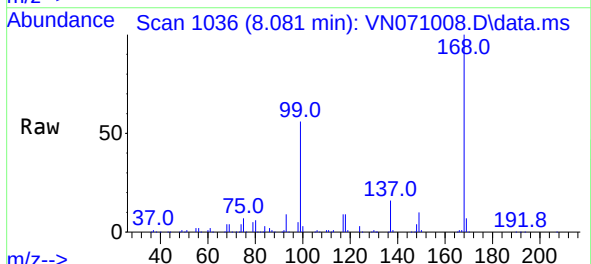
Instrument :
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ClientSampleId :
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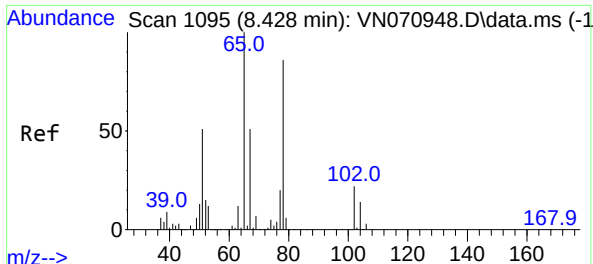
Tgt Ion: 43 Resp: 1875
Ion Ratio Lower Upper
43 100
72 23.5 21.7 32.5



#31
Cyclohexane
Concen: 1.003 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

Tgt Ion: 56 Resp: 17216
Ion Ratio Lower Upper
56 100
69 174.7 27.1 40.7#
84 143.2 73.4 110.0#

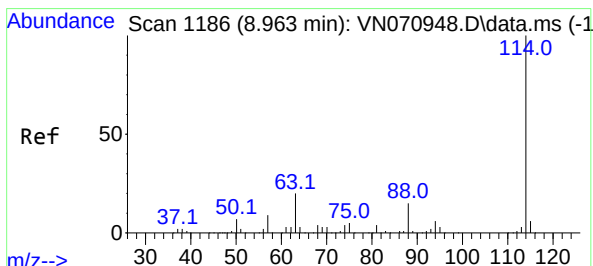
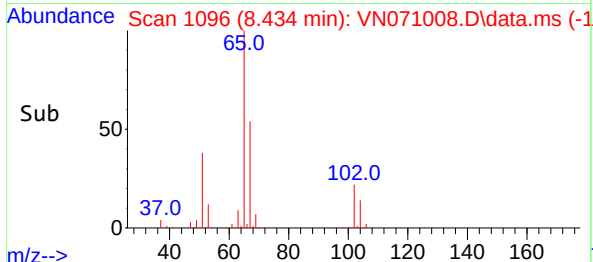
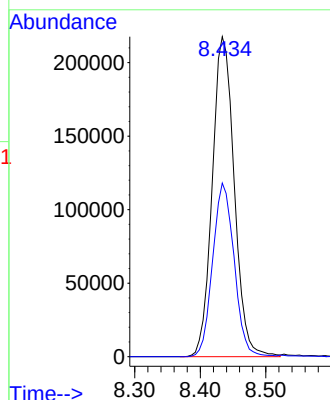
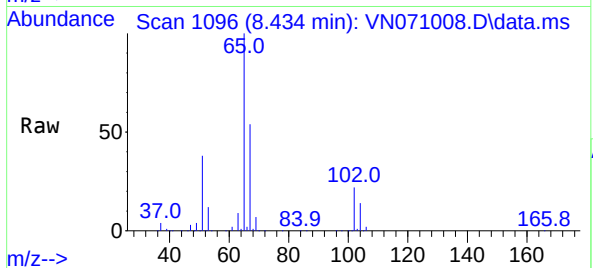




#33
1,2-Dichloroethane-d4
Concen: 51.100 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

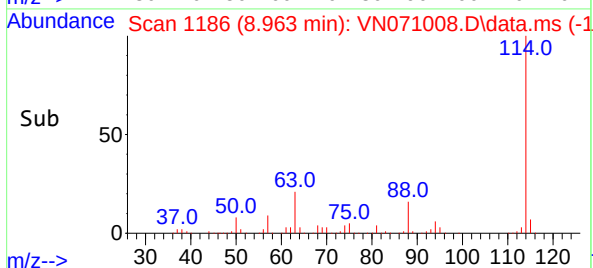
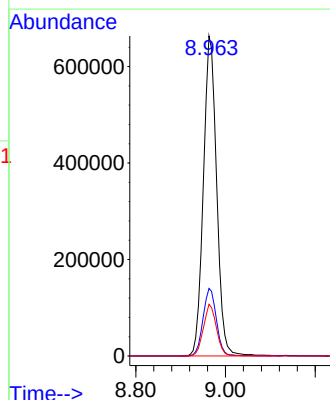
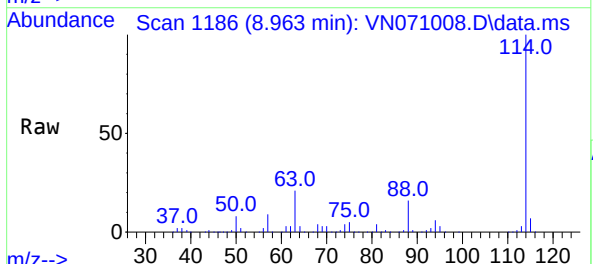
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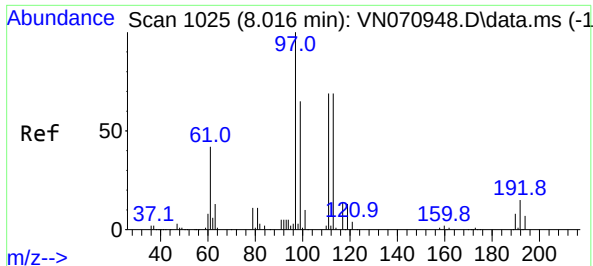
Tgt Ion: 65 Resp: 507110
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

Tgt Ion: 114 Resp: 1363584
Ion Ratio Lower Upper
114 100
63 21.1 0.0 37.8
88 16.2 0.0 27.4

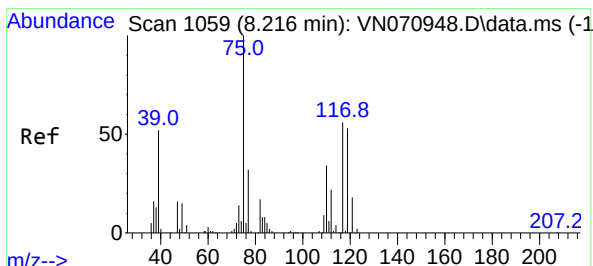
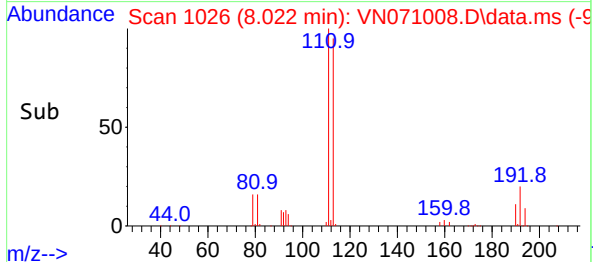
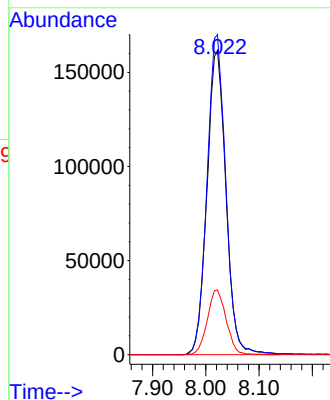
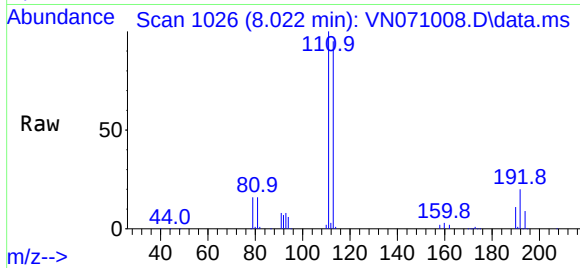




#35
Dibromofluoromethane
Concen: 49.334 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

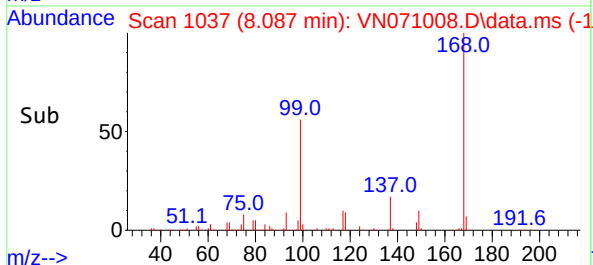
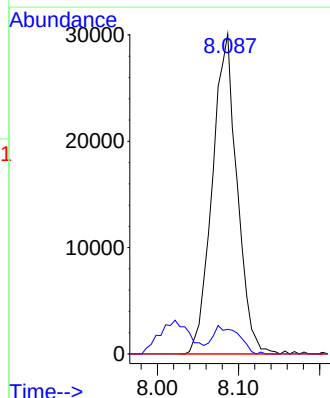
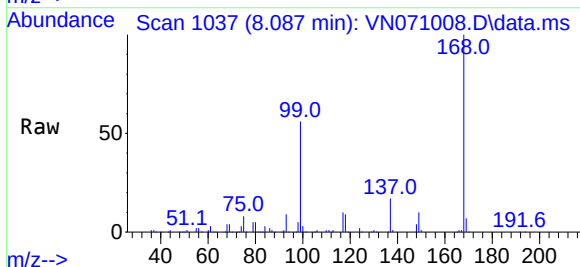
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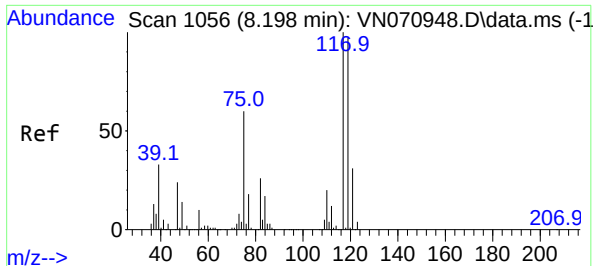
Tgt Ion:113 Resp: 400128
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 21.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.803 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

Tgt Ion: 75 Resp: 63823
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.4 36.6#

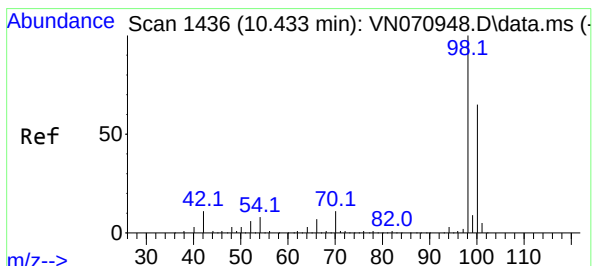
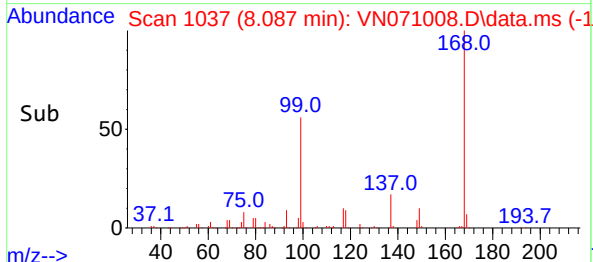
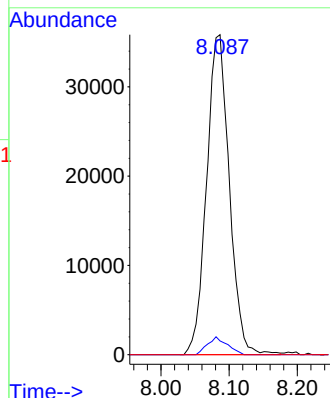
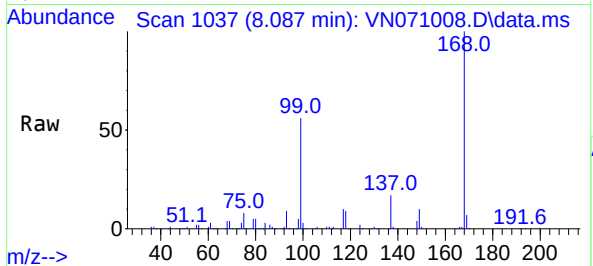




#38
Carbon Tetrachloride
Concen: 6.351 ug/l
RT: 8.087 min Scan# 1056
Delta R.T. -0.112 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

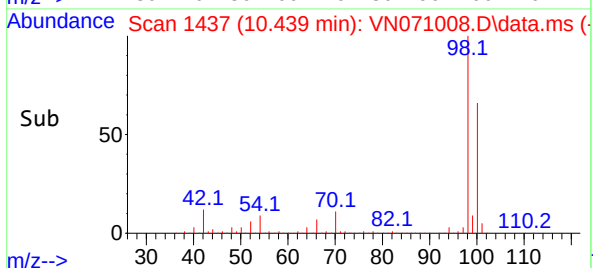
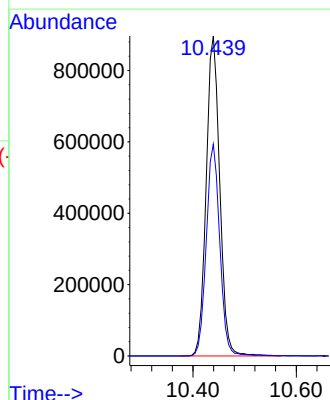
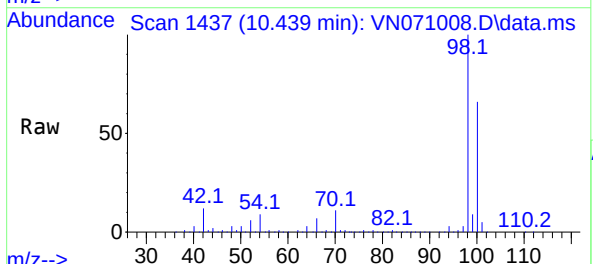
Instrument :
MSVOA_N
ClientSampleId :
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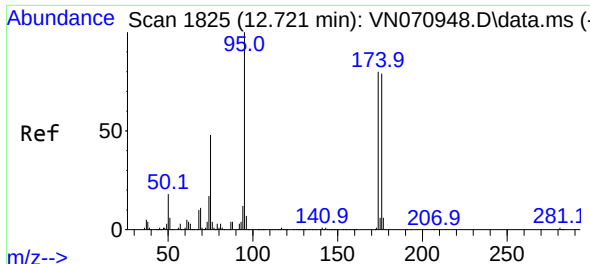
Tgt Ion:117 Resp: 83152
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.150 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

Tgt Ion: 98 Resp: 1633463
Ion Ratio Lower Upper
98 100
100 65.9 50.4 75.6

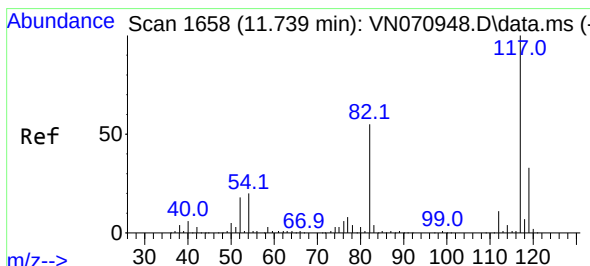
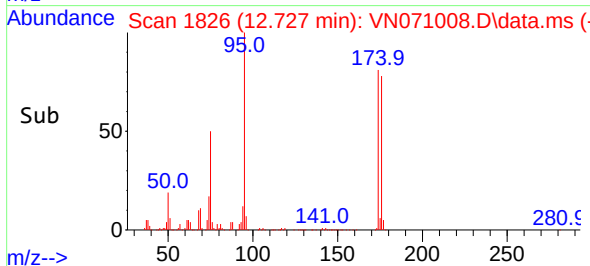
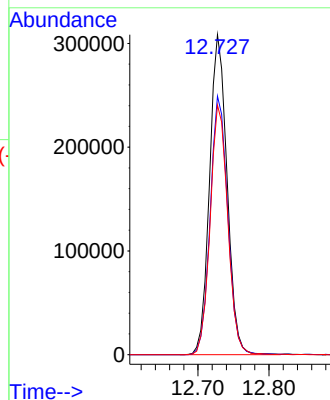
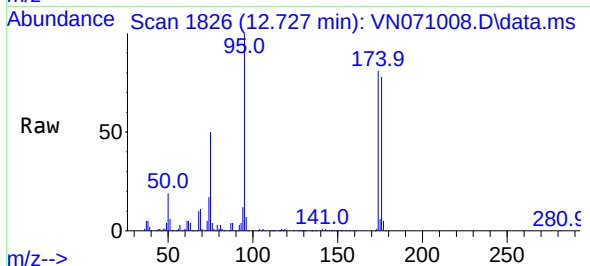




#62
4-Bromofluorobenzene
Concen: 45.302 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

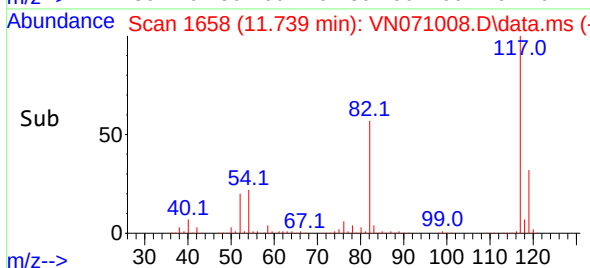
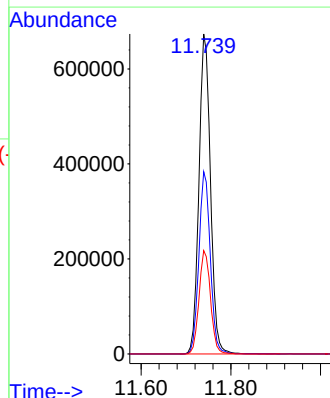
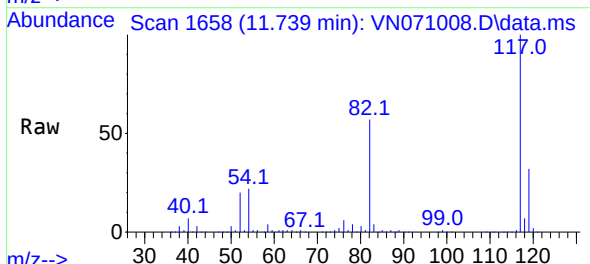
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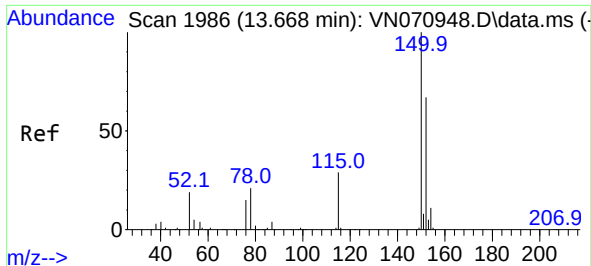
Tgt Ion: 95 Resp: 527427
Ion Ratio Lower Upper
95 100
174 81.2 0.0 187.2
176 78.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

Tgt Ion: 117 Resp: 1199210
Ion Ratio Lower Upper
117 100
82 56.9 42.4 63.6
119 32.3 25.4 38.2

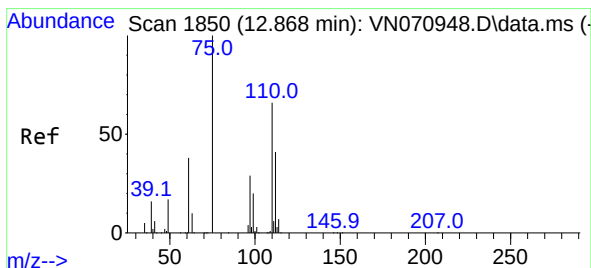
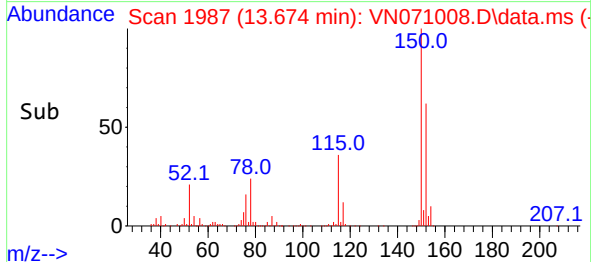
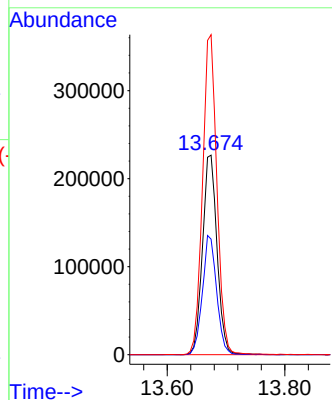
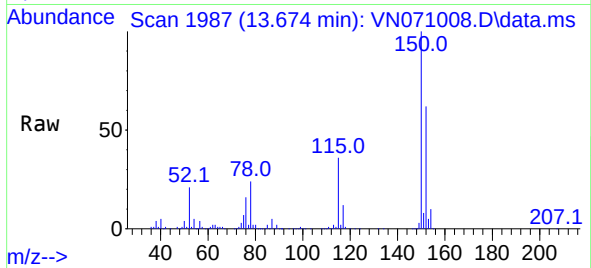




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN071008.D
 Acq: 18 Feb 2022 18:15

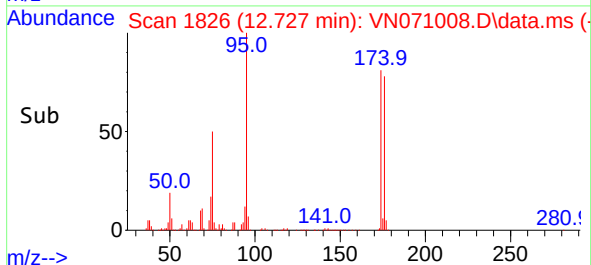
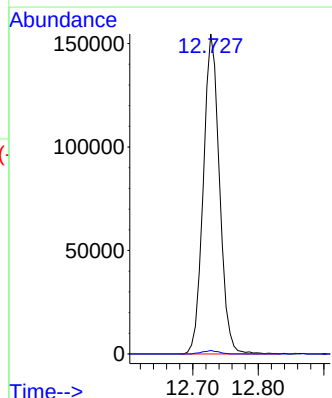
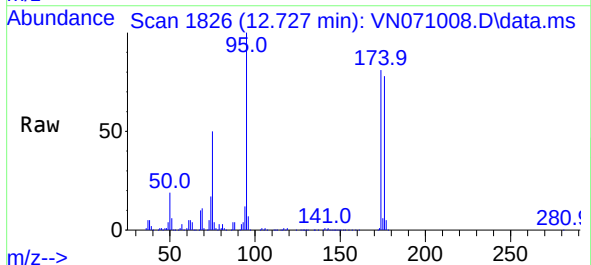
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 MSVOA_N
 ClientSampleId :
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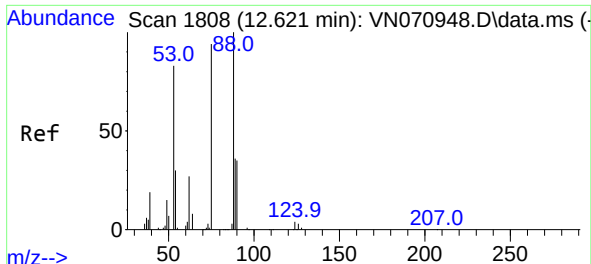
Tgt Ion:152 Resp: 389432
 Ion Ratio Lower Upper
 152 100
 115 58.3 27.5 82.5
 150 158.5 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 28.981 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.141 min
 Lab File: VN071008.D
 Acq: 18 Feb 2022 18:15

Tgt Ion: 75 Resp: 265733
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#

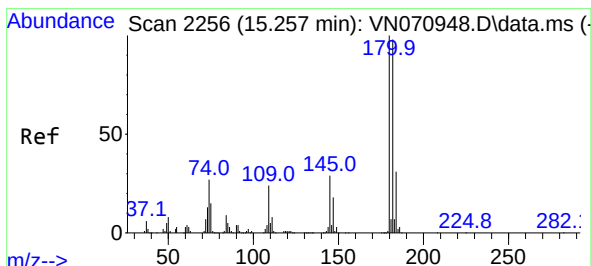
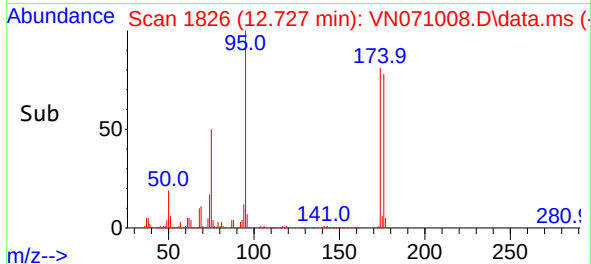
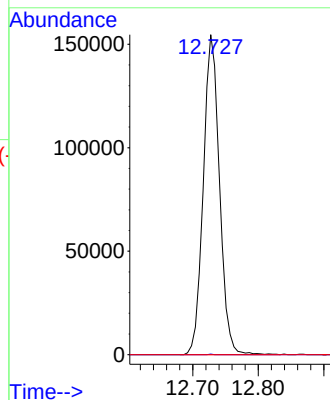
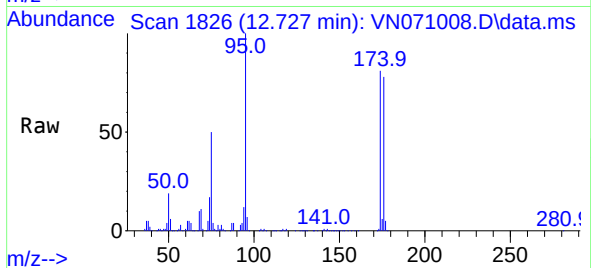




#81
trans-1,4-Dichloro-2-butene
Concen: 93.912 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

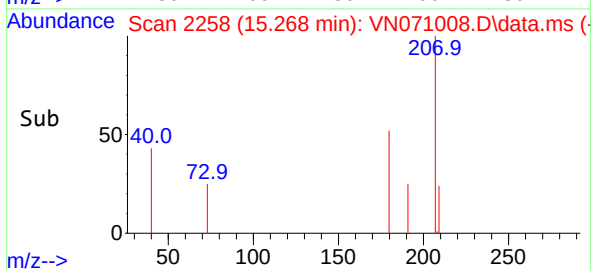
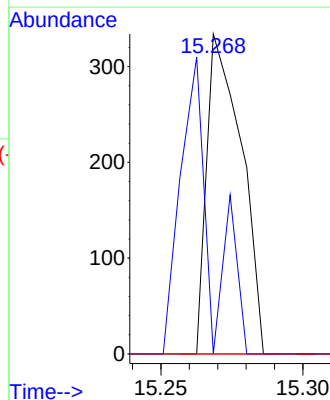
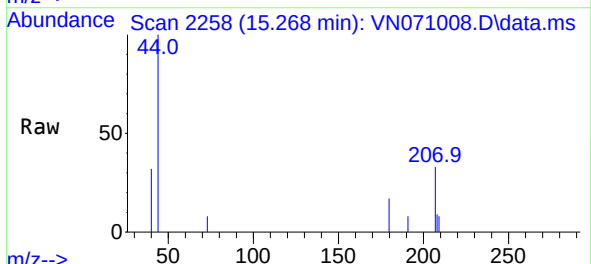
Instrument :
MSVOA_N
ClientSampleId :
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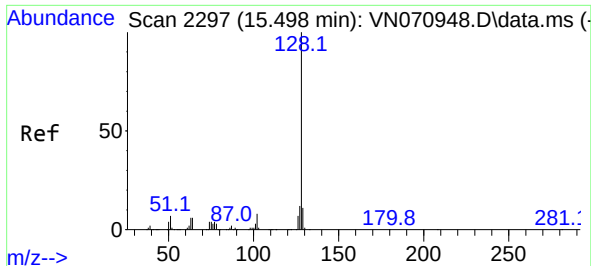
Tgt Ion: 75 Resp: 265733
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.037 ug/l
RT: 15.268 min Scan# 2258
Delta R.T. 0.011 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

Tgt Ion:180 Resp: 282
Ion Ratio Lower Upper
180 100
182 82.6 48.3 144.9
145 0.0 14.5 43.5#

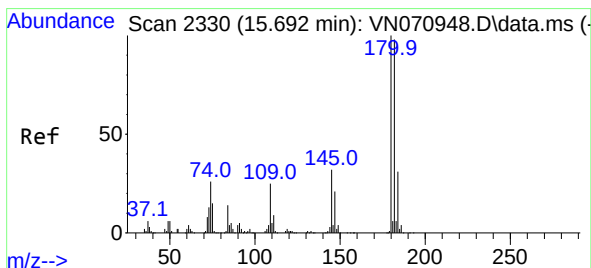
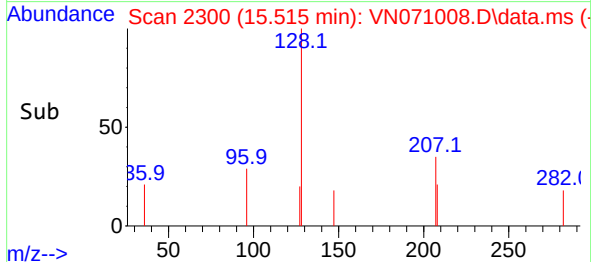
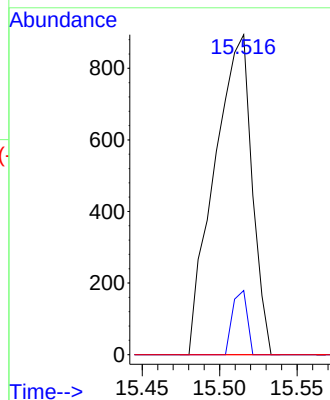
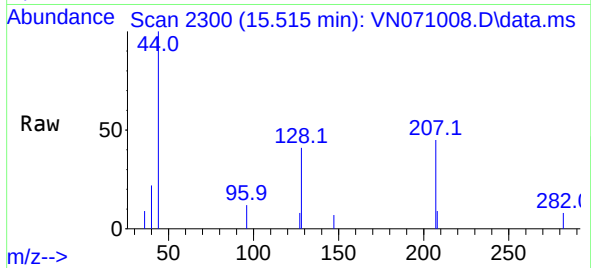




#95
Naphthalene
Concen: 5.068 ug/l
RT: 15.515 min Scan# 21
Delta R.T. 0.018 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 1508
Ion Ratio Lower Upper
128 100
127 7.8 10.5 15.7#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.581 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN071008.D
Acq: 18 Feb 2022 18:15

Tgt Ion:180 Resp: 456
Ion Ratio Lower Upper
180 100
182 73.5 47.4 142.2
145 18.6 15.0 45.1

