

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070974.D
 Acq On : 17 Feb 2022 12:50
 Operator : JC\MD
 Sample : VN0217WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBL01

Quant Time: Feb 18 00:43:15 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)

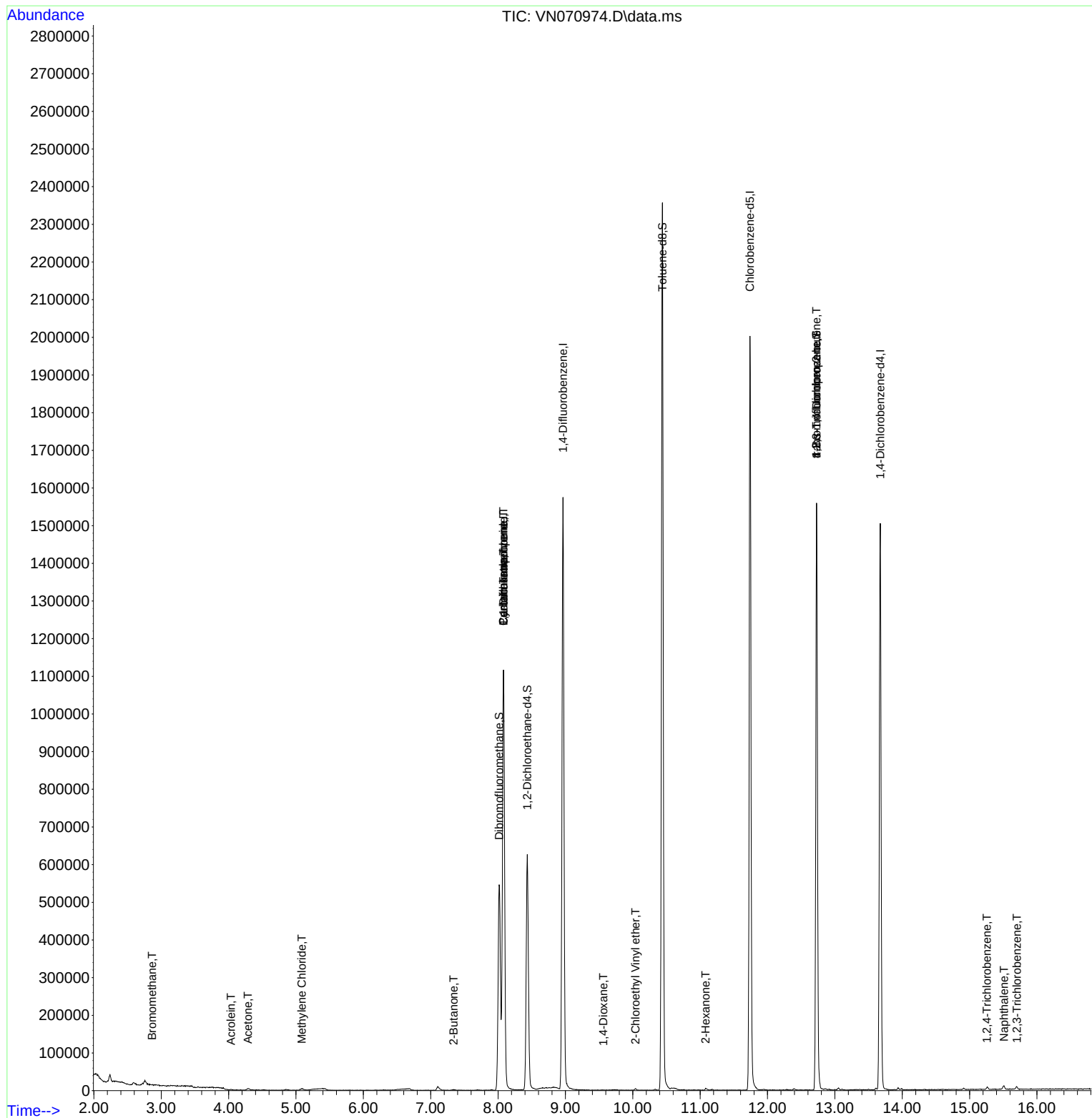
Internal Standards						
1) Pentafluorobenzene	8.081	168	887290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1380293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1210880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	446397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	509275	50.246	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.500%	
35) Dibromofluoromethane	8.016	113	411133	50.077	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.160%	
50) Toluene-d8	10.439	98	1637122	49.654	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.727	95	550189	46.685	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.863	94	1368	0.208	ug/l	97
13) Acrolein	4.034	56	911	0.552	ug/l #	77
16) Acetone	4.287	43	4791	0.858	ug/l	99
18) Methyl Acetate	4.857	43	3634	Below Cal	#	87
20) Methylene Chloride	5.087	84	3161	0.312	ug/l #	78
25) 2-Butanone	7.340	43	2341	0.315	ug/l #	82
31) Cyclohexane	8.081	56	17249	0.984	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	64177	4.771	ug/l #	49
38) Carbon Tetrachloride	8.081	117	84909	6.407	ug/l #	17
49) 1,4-Dioxane	9.563	88	55	0.288	ug/l #	27
58) 2-Chloroethyl Vinyl ether	10.039	63	1808	32.282	ug/l #	87
59) 2-Hexanone	11.080	43	4155	0.437	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	274861	26.151	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	274861	84.742	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.257	180	2591	2.302	ug/l	86
95) Naphthalene	15.510	128	9761	5.430	ug/l	98
96) 1,2,3-Trichlorobenzene	15.704	180	3176	2.914	ug/l	95

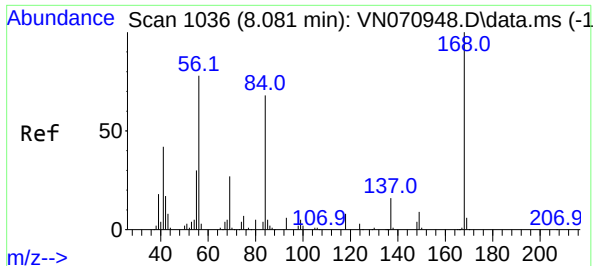
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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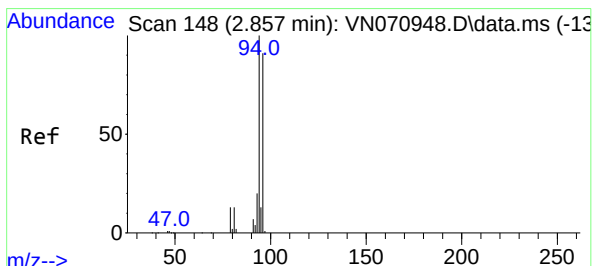
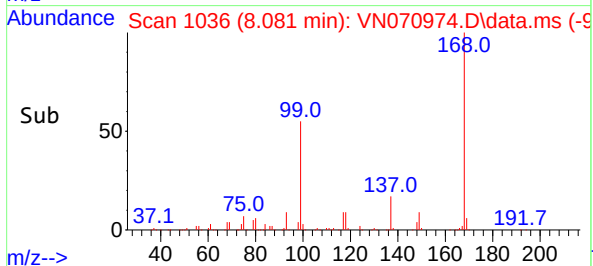
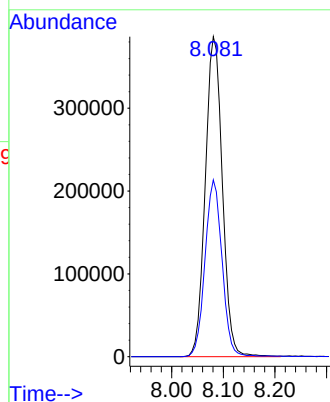
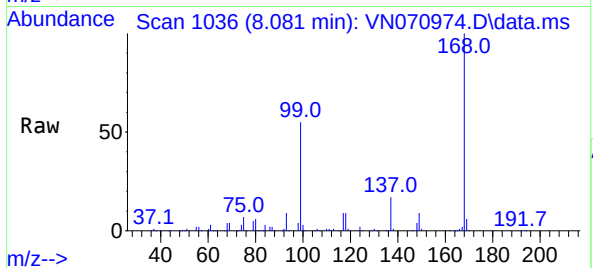




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

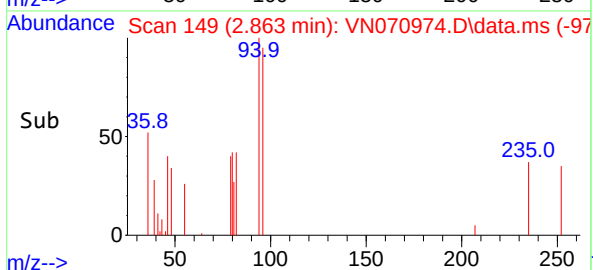
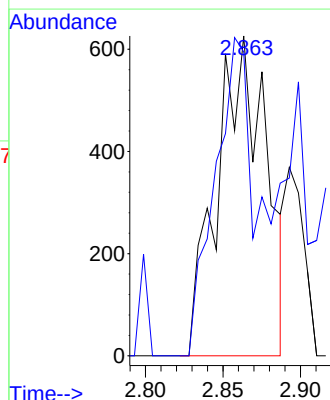
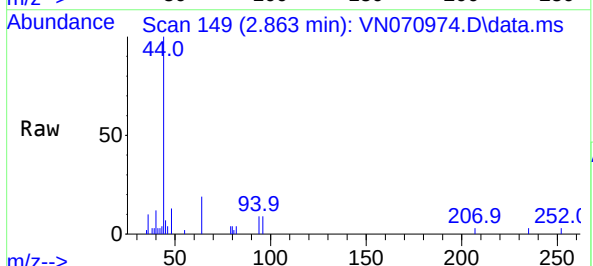
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

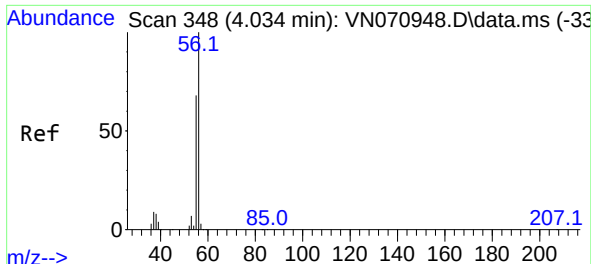
Tgt Ion:168 Resp: 887290
Ion Ratio Lower Upper
168 100
99 55.3 41.3 61.9



#5
Bromomethane
Concen: 0.208 ug/l
RT: 2.863 min Scan# 149
Delta R.T. 0.006 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

Tgt Ion: 94 Resp: 1368
Ion Ratio Lower Upper
94 100
96 95.0 73.8 110.8

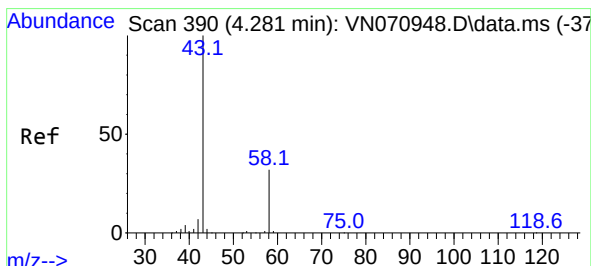
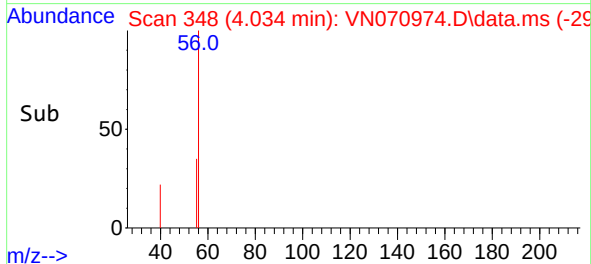
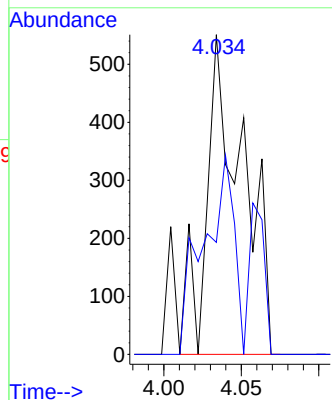
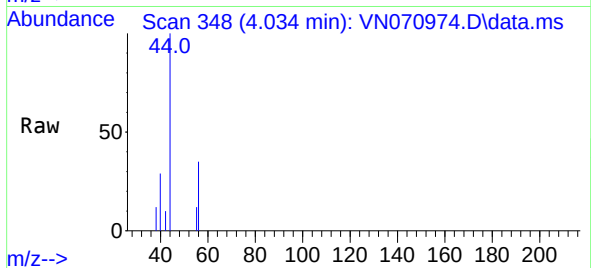




#13
Acrolein
Concen: 0.552 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

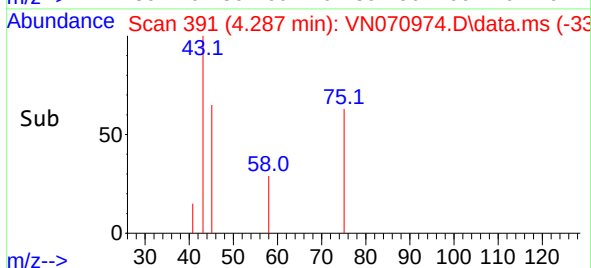
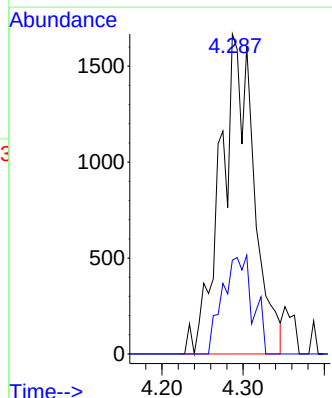
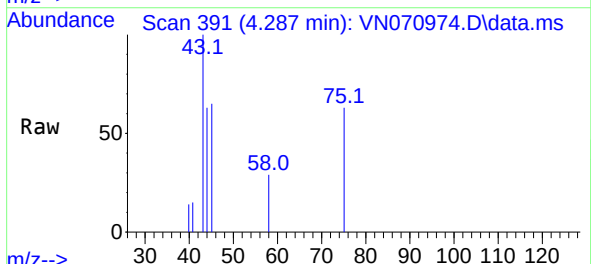
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

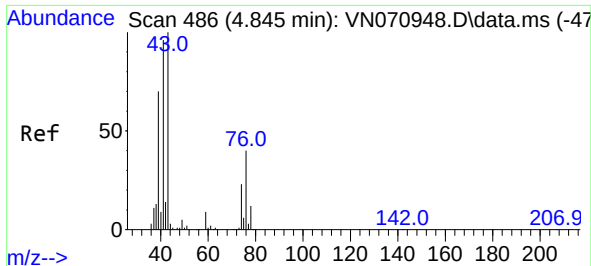
Tgt Ion: 56 Resp: 911
Ion Ratio Lower Upper
56 100
55 51.5 56.6 85.0#



#16
Acetone
Concen: 0.858 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

Tgt Ion: 43 Resp: 4791
Ion Ratio Lower Upper
43 100
58 29.3 23.1 34.7

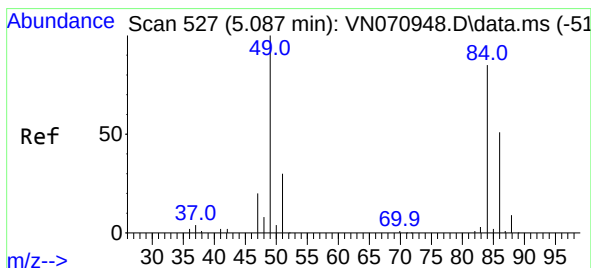
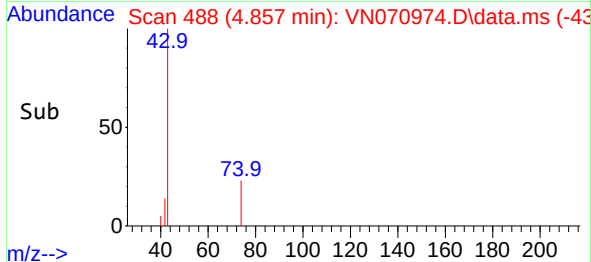
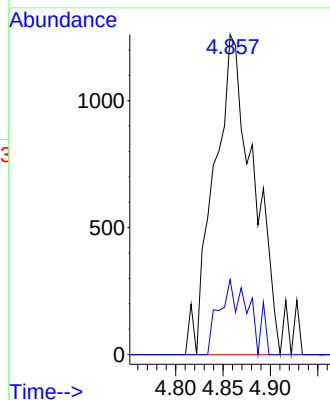
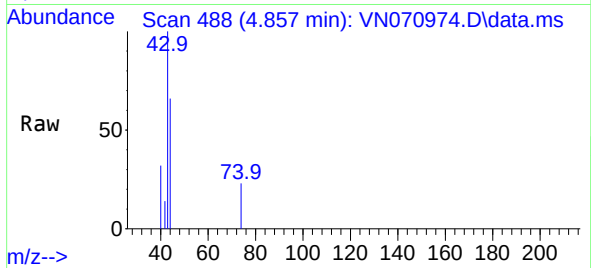




#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

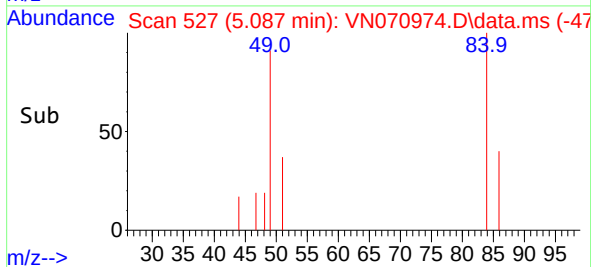
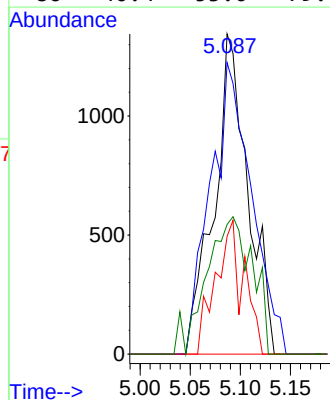
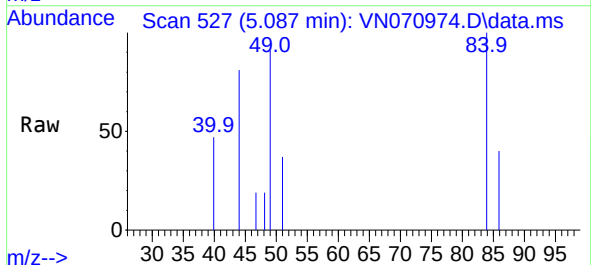
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

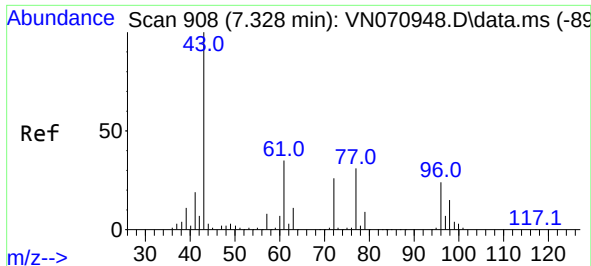
Tgt Ion: 43 Resp: 3634
Ion Ratio Lower Upper
43 100
74 18.0 19.4 29.2#



#20
Methylene Chloride
Concen: 0.312 ug/l
RT: 5.087 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

Tgt Ion: 84 Resp: 3161
Ion Ratio Lower Upper
84 100
49 91.1 93.5 140.3#
51 36.7 29.4 44.2
86 40.4 53.0 79.4#





#25

2-Butanone

Concen: 0.315 ug/l

RT: 7.340 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN070974.D

Acq: 17 Feb 2022 12:50

Instrument :

MSVOA_N

ClientSampleId :

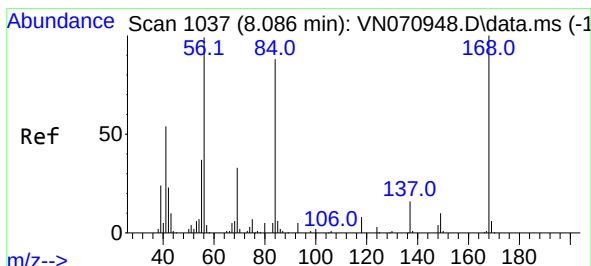
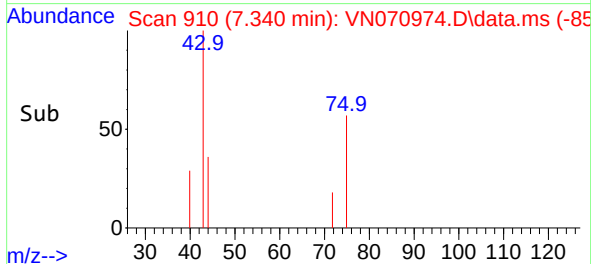
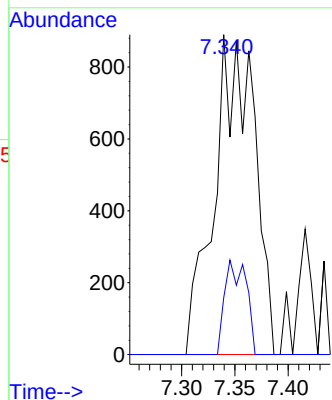
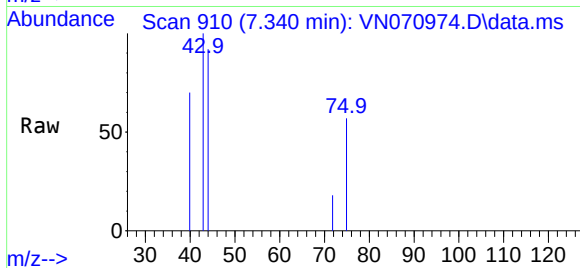
VN0217WBL01

Tgt Ion: 43 Resp: 2341

Ion Ratio Lower Upper

43 100

72 17.8 21.7 32.5#



#31

Cyclohexane

Concen: 0.984 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VN070974.D

Acq: 17 Feb 2022 12:50

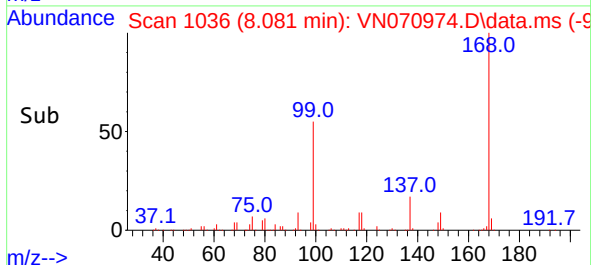
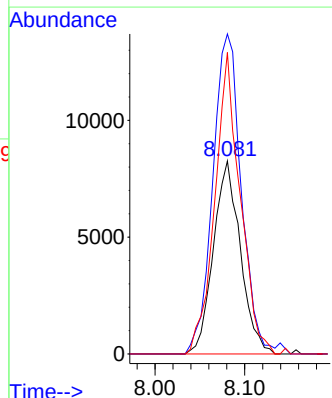
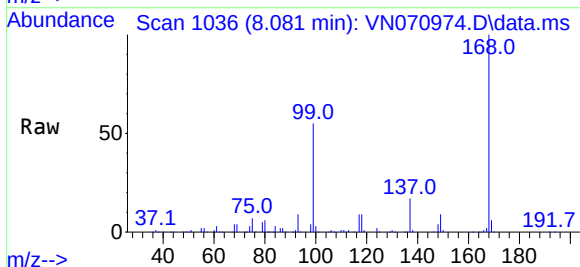
Tgt Ion: 56 Resp: 17249

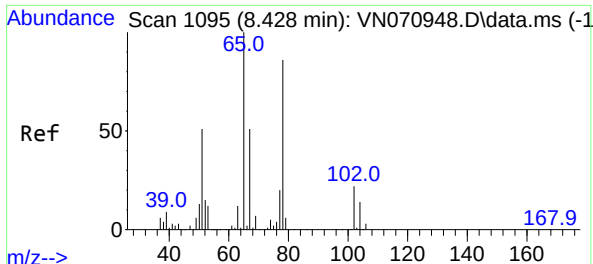
Ion Ratio Lower Upper

56 100

69 165.8 27.1 40.7#

84 156.2 73.4 110.0#

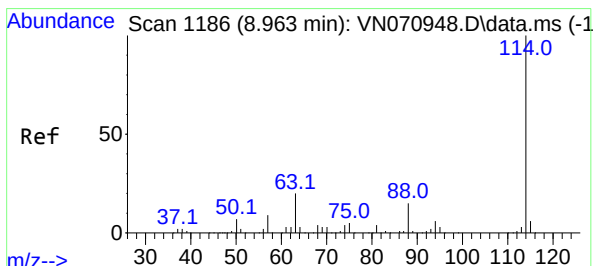
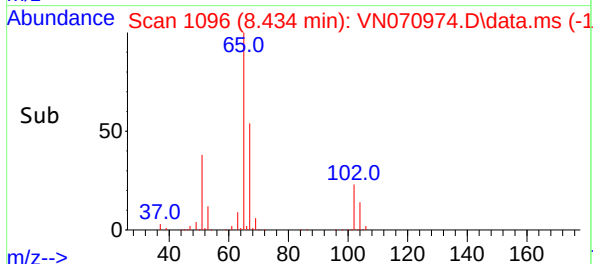
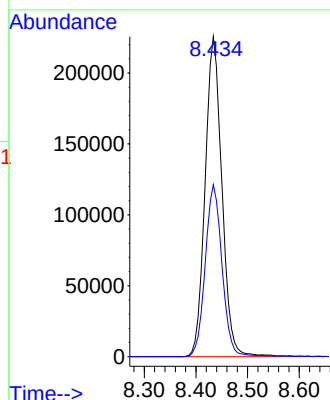
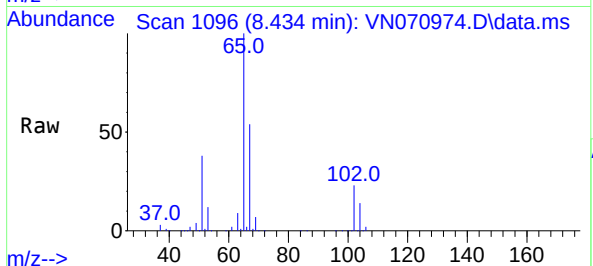




#33
1,2-Dichloroethane-d4
Concen: 50.246 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

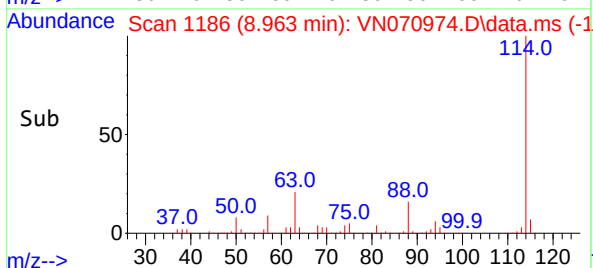
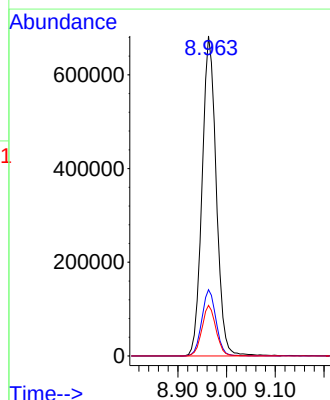
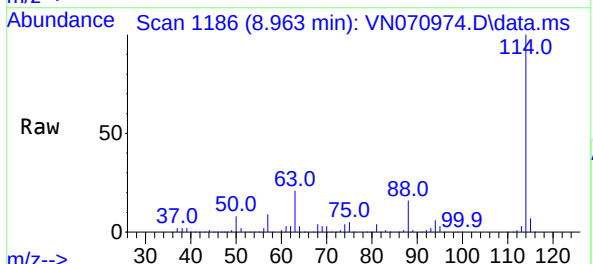
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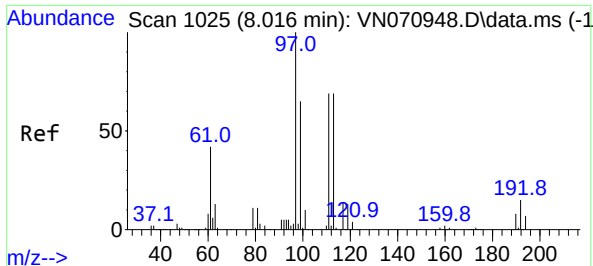
Tgt Ion: 65 Resp: 509275
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

Tgt Ion:114 Resp: 1380293
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.8
88 15.8 0.0 27.4

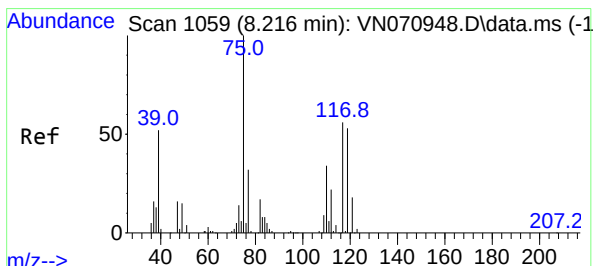
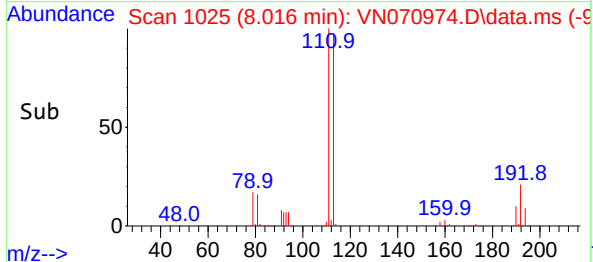
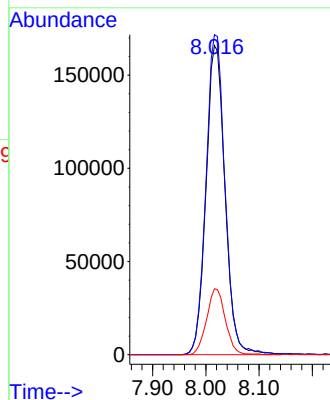
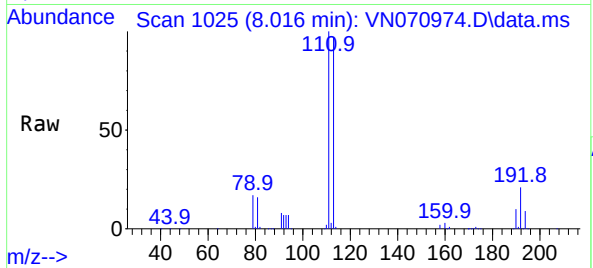




#35
Dibromofluoromethane
Concen: 50.077 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

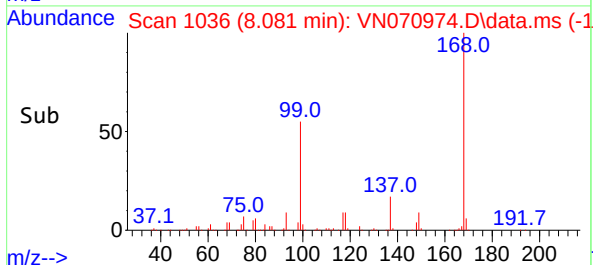
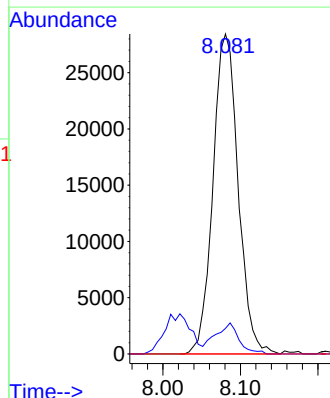
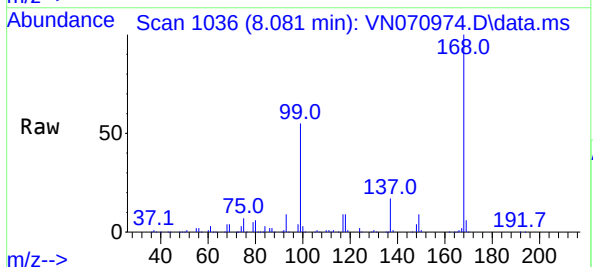
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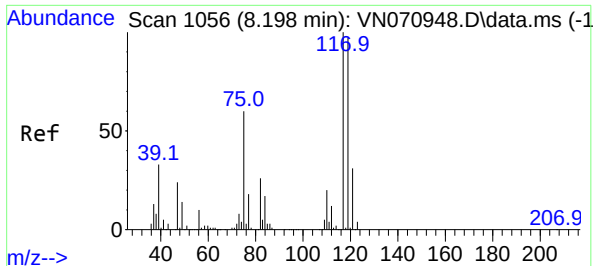
Tgt Ion:113 Resp: 411133
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 21.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.771 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

Tgt Ion: 75 Resp: 64177
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.4 36.6#

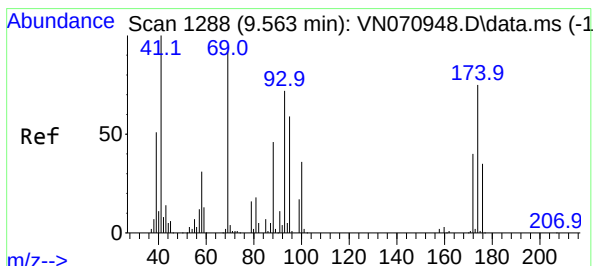
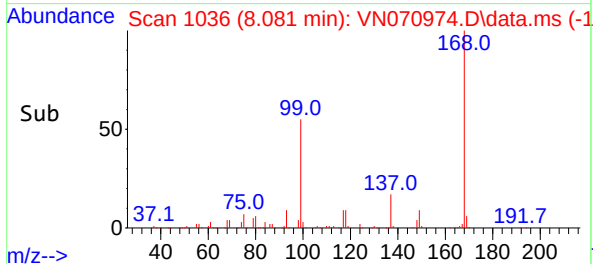
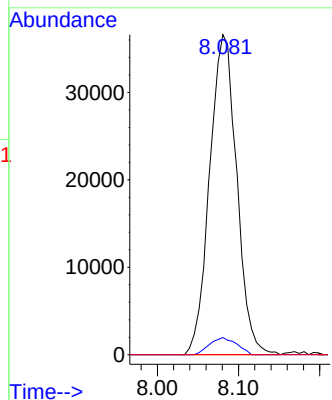
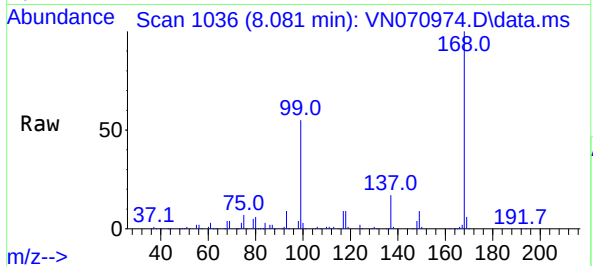




#38
Carbon Tetrachloride
Concen: 6.407 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.118 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

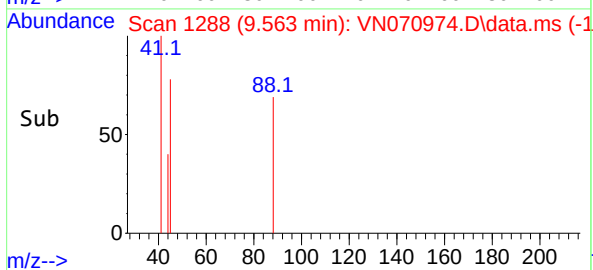
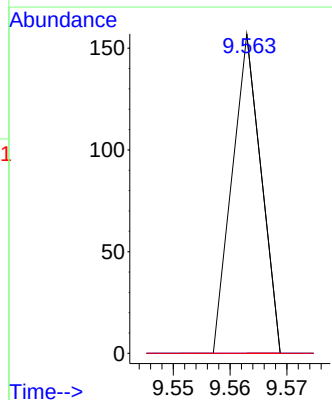
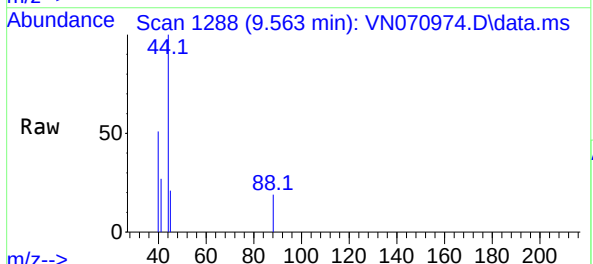
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

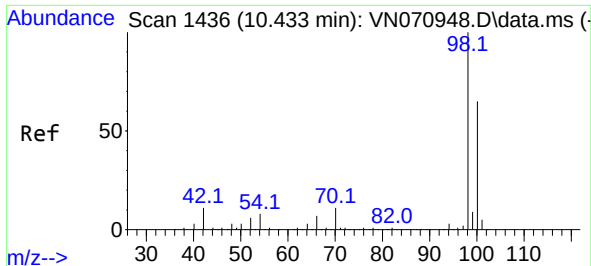
Tgt Ion:117 Resp: 84909
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 0.288 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#

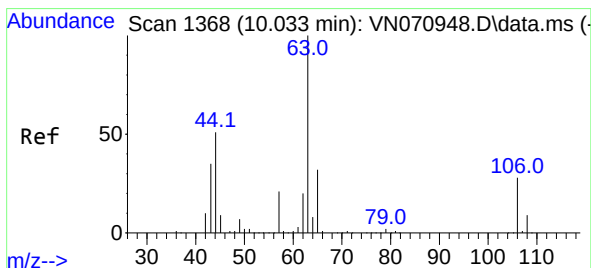
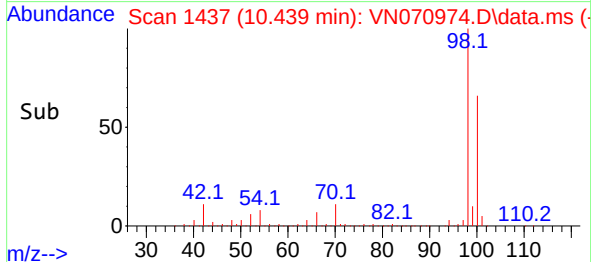
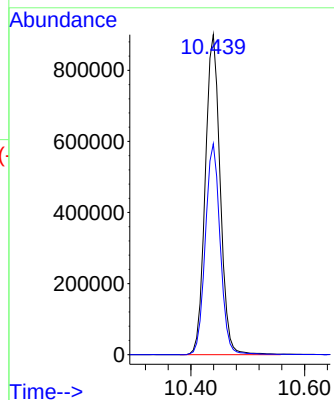
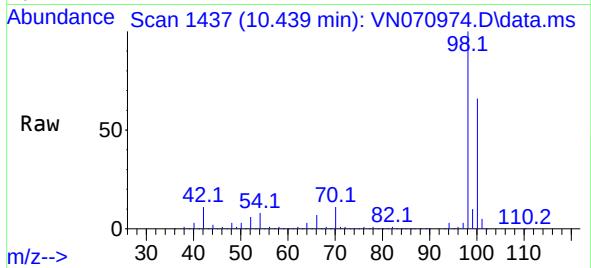




#50
Toluene-d8
Concen: 49.654 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

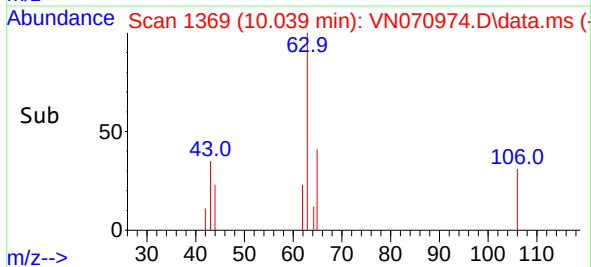
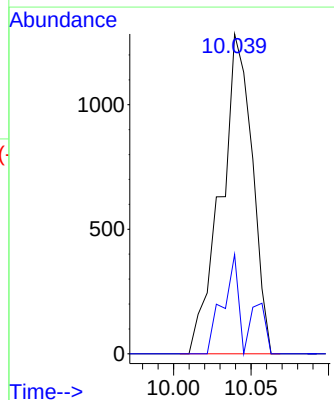
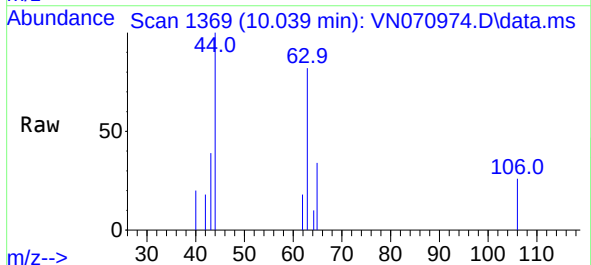
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

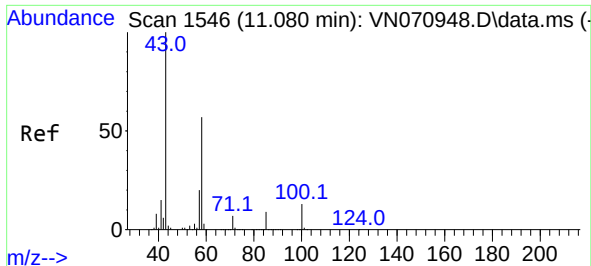
Tgt Ion: 98 Resp: 1637122
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6



#58
2-Chloroethyl Vinyl ether
Concen: 32.282 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

Tgt Ion: 63 Resp: 1808
Ion Ratio Lower Upper
63 100
106 22.8 23.9 35.9#

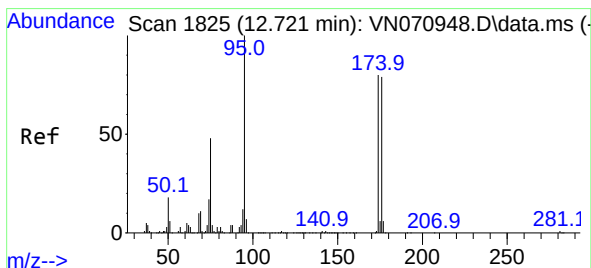
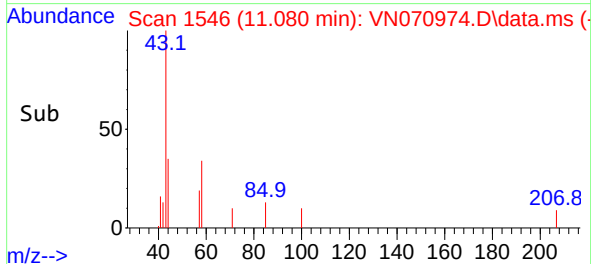
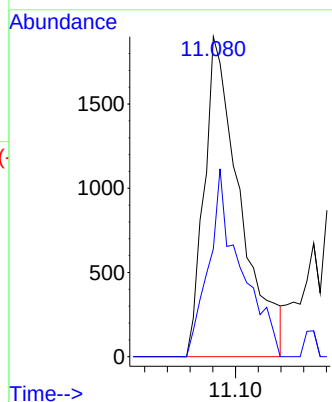
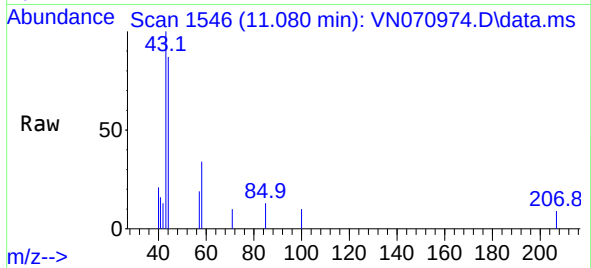




#59
2-Hexanone
Concen: 0.437 ug/l
RT: 11.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

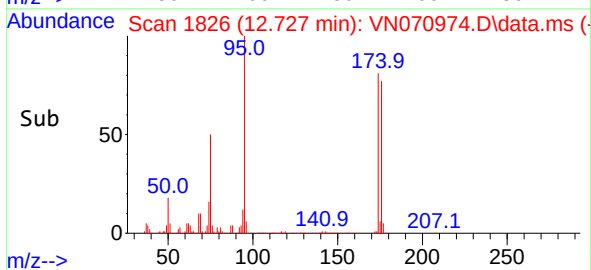
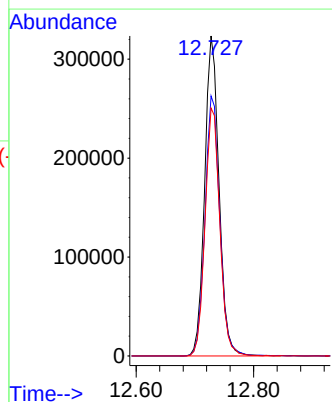
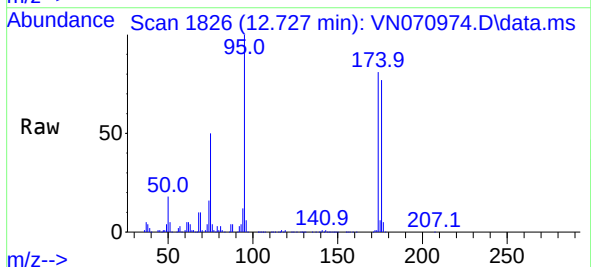
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

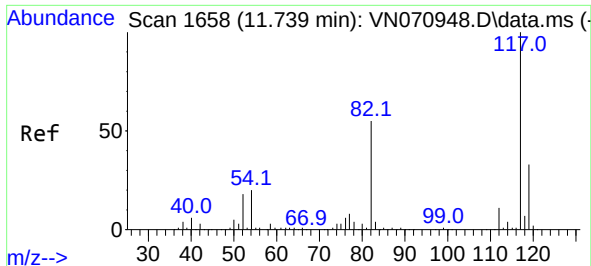
Tgt Ion: 43 Resp: 4155
Ion Ratio Lower Upper
43 100
58 52.1 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 46.685 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

Tgt Ion: 95 Resp: 550189
Ion Ratio Lower Upper
95 100
174 83.7 0.0 187.2
176 79.5 0.0 181.4

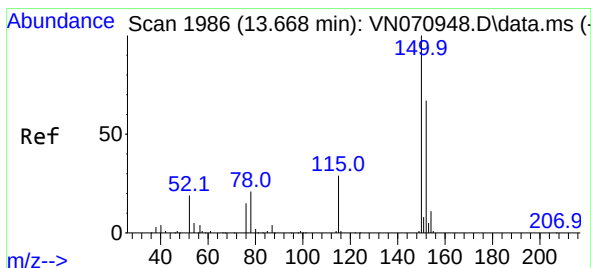
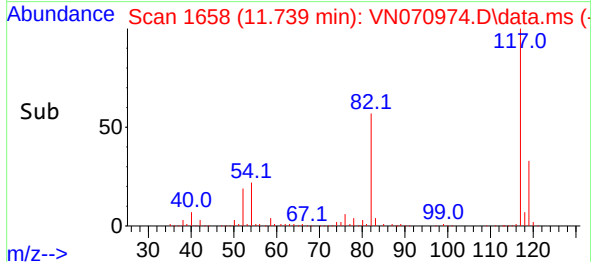
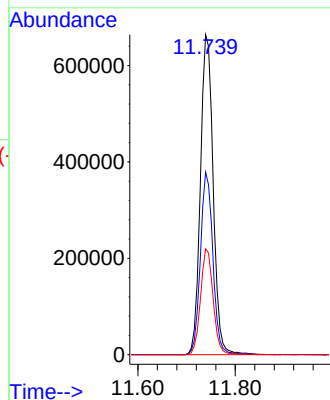
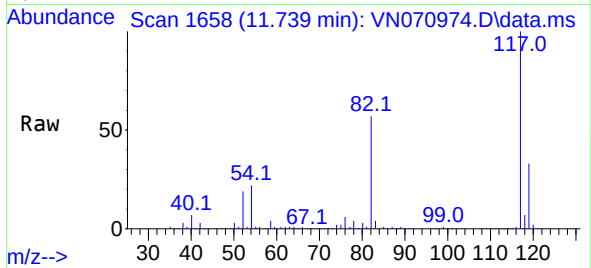




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

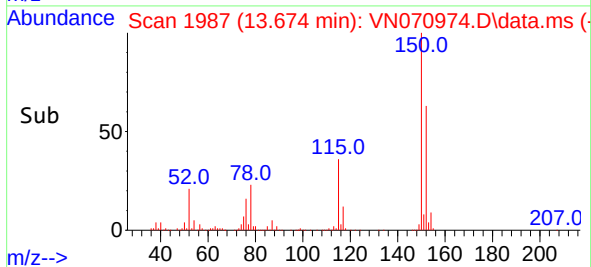
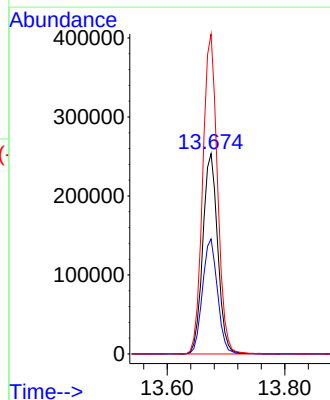
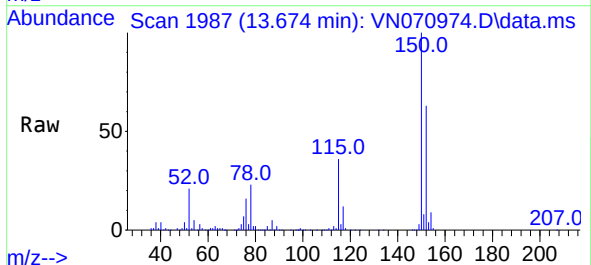
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

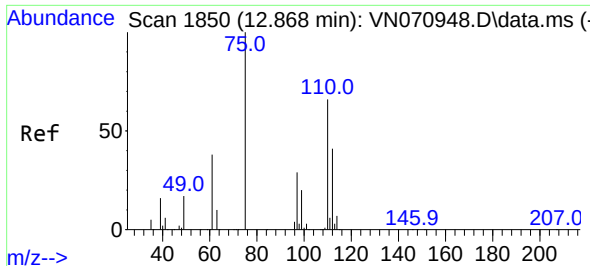
Tgt Ion:117 Resp: 1210880
Ion Ratio Lower Upper
117 100
82 57.1 42.4 63.6
119 33.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

Tgt Ion:152 Resp: 446397
Ion Ratio Lower Upper
152 100
115 57.8 27.5 82.5
150 158.0 0.0 344.4

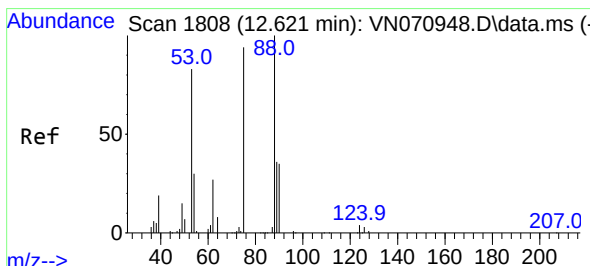
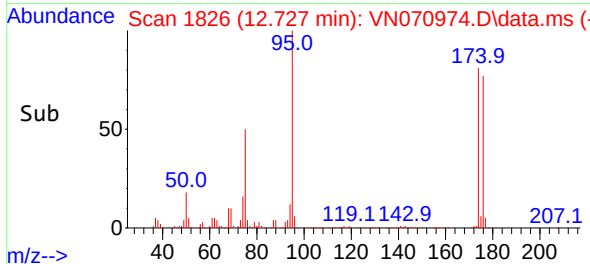
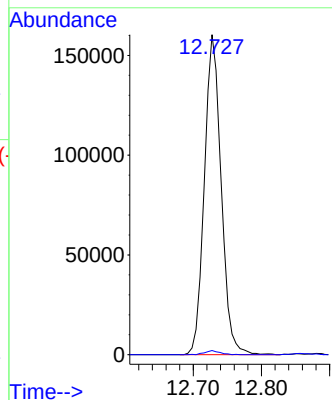
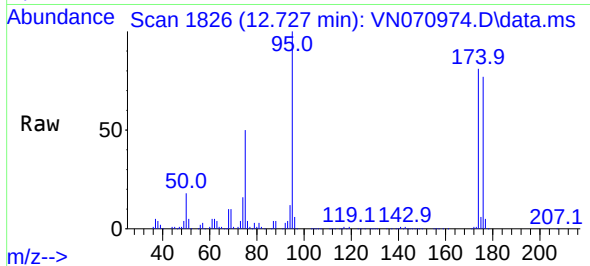




#76
1,2,3-Trichloropropane
Concen: 26.151 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

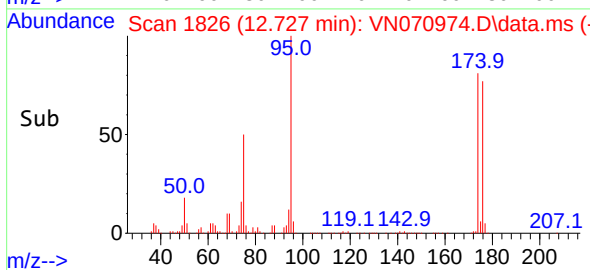
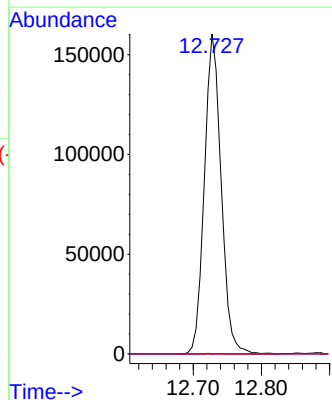
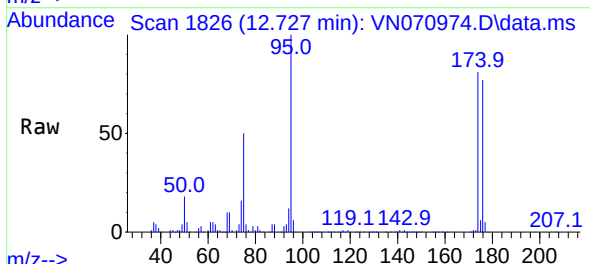
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

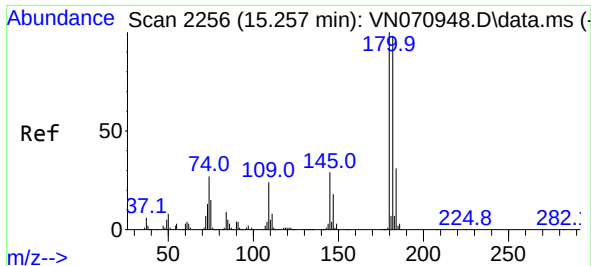
Tgt Ion: 75 Resp: 274861
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.742 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

Tgt Ion: 75 Resp: 274861
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

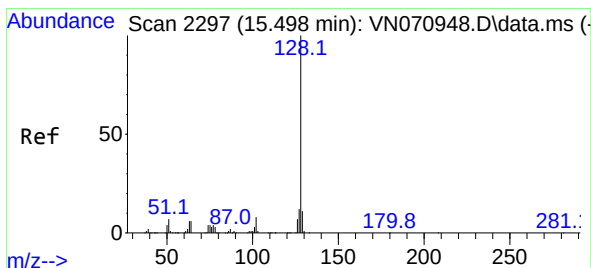
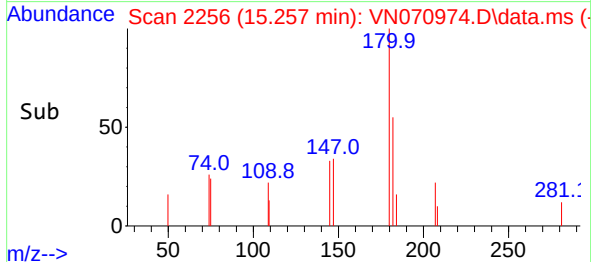
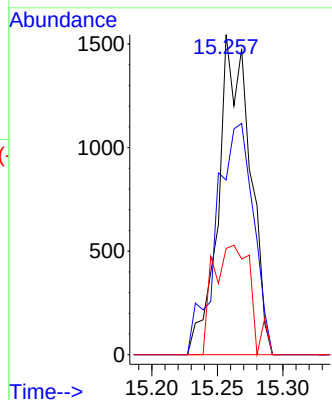
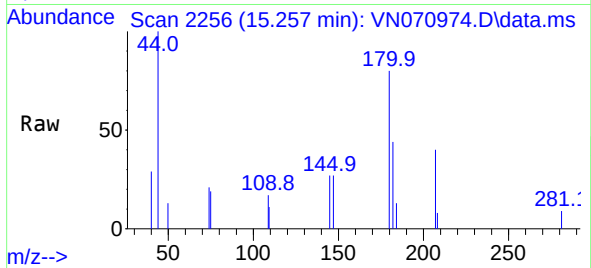




#93
1,2,4-Trichlorobenzene
Concen: 2.302 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

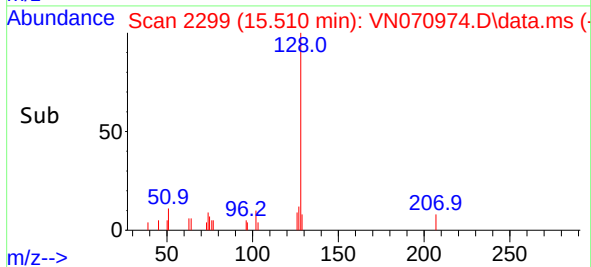
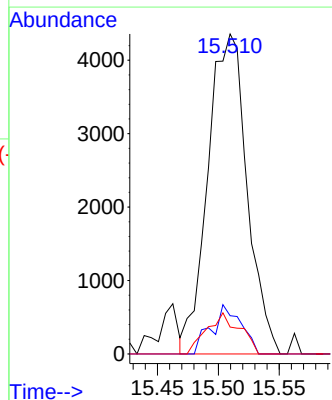
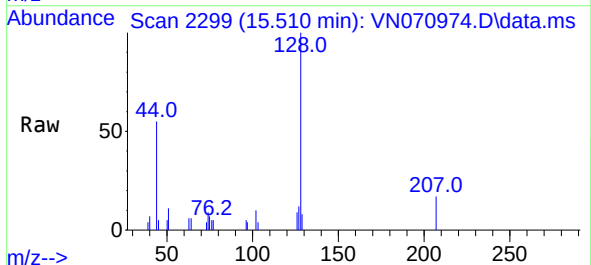
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

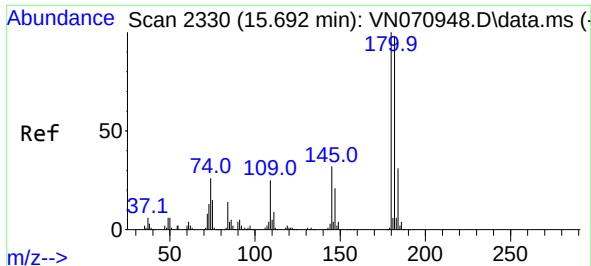
Tgt Ion:	180	Resp:	2591
Ion	Ratio	Lower	Upper
180	100		
182	84.9	48.3	144.9
145	40.6	14.5	43.5



#95
Naphthalene
Concen: 5.430 ug/l
RT: 15.510 min Scan# 2299
Delta R.T. 0.012 min
Lab File: VN070974.D
Acq: 17 Feb 2022 12:50

Tgt Ion:	128	Resp:	9761
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.5	15.7
129	10.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.914 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN070974.D
 Acq: 17 Feb 2022 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBL01

Tgt Ion:	180	Resp:	3176
Ion	Ratio	Lower	Upper
180	100		
182	90.2	47.4	142.2
145	26.1	15.0	45.1

