

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071248.D
 Acq On : 11 Mar 2022 15:12
 Operator : JC\MD
 Sample : N1886-01 10X
 Misc : 1.05g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 12 02:17:06 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)

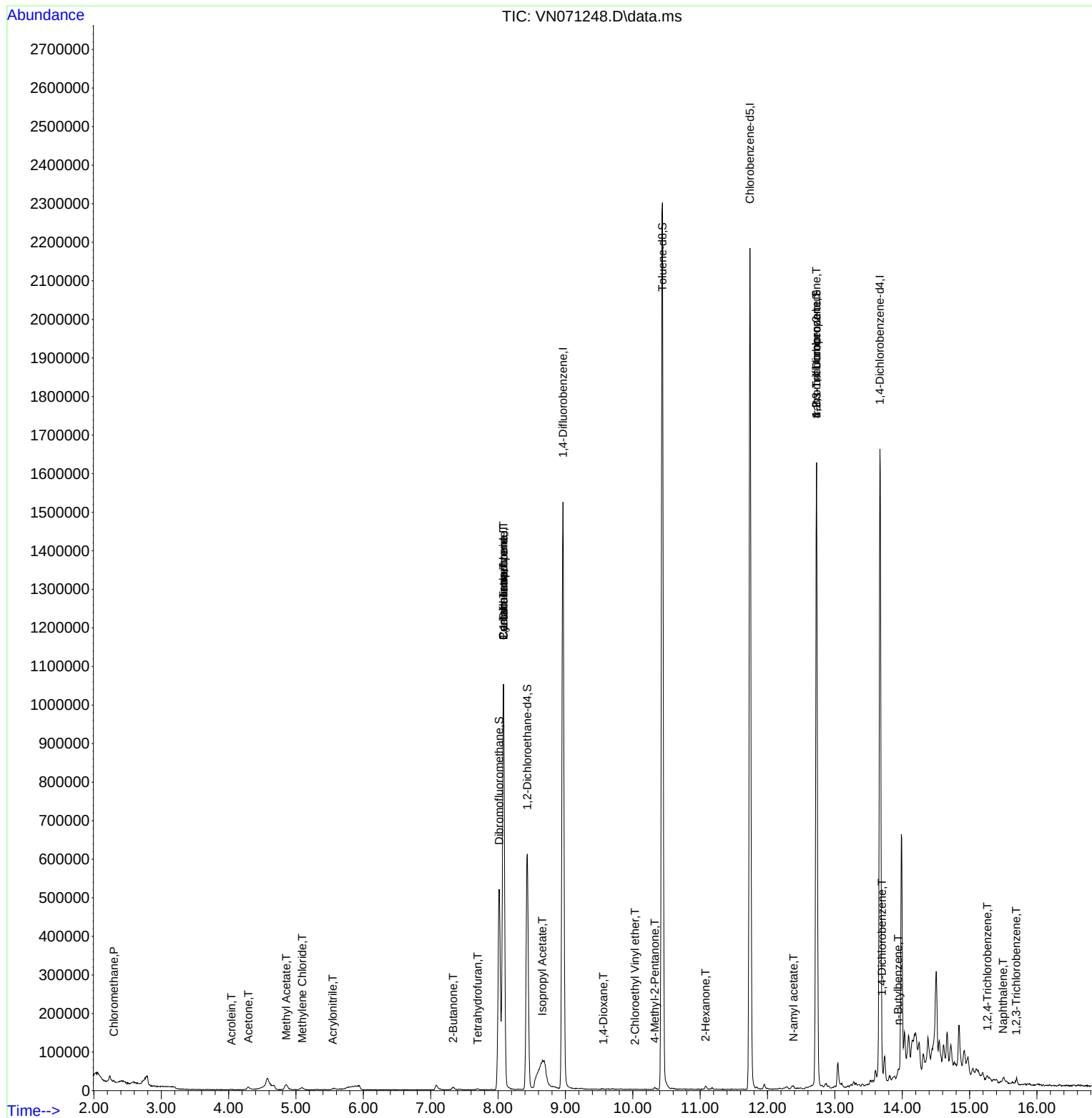
Internal Standards						
1) Pentafluorobenzene	8.081	168	813469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1333277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1244095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	456197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	508353	45.597	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.200%		
35) Dibromofluoromethane	8.016	113	384857	45.743	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.480%		
50) Toluene-d8	10.439	98	1625144	47.975	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.940%		
62) 4-Bromofluorobenzene	12.727	95	554012	48.297	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.600%		
Target Compounds					Qvalue	
3) Chloromethane	2.299	50	3250	0.237	ug/l #	88
5) Bromomethane	2.828	94	1927	Below Cal		94
13) Acrolein	4.040	56	866	0.374	ug/l #	14
15) Acrylonitrile	5.545	53	1901	0.292	ug/l #	49
16) Acetone	4.293	43	9621	1.774	ug/l	95
18) Methyl Acetate	4.857	43	30244	2.526	ug/l	92
20) Methylene Chloride	5.093	84	4397	0.822	ug/l #	75
25) 2-Butanone	7.334	43	10561	1.209	ug/l	90
29) Tetrahydrofuran	7.698	42	2243	0.371	ug/l #	81
31) Cyclohexane	8.081	56	17611	0.989	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	63651	4.722	ug/l #	48
38) Carbon Tetrachloride	8.081	117	78728	6.038	ug/l #	17
43) Isopropyl Acetate	8.657	43	139587	5.031	ug/l #	56
49) 1,4-Dioxane	9.563	88	344	1.539	ug/l #	27
51) 4-Methyl-2-Pentanone	10.327	43	5820	0.338	ug/l #	82
58) 2-Chloroethyl Vinyl ether	10.033	63	54	27.879	ug/l #	45
59) 2-Hexanone	11.080	43	7682	0.654	ug/l	89
74) N-amyl acetate	12.386	43	4678	0.283	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.816	83	1421	Below Cal	#	53
76) 1,2,3-Trichloropropane	12.727	75	287033	24.522	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	287033	68.015	ug/l #	5
88) 1,4-Dichlorobenzene	13.698	146	3544	0.218	ug/l #	41
89) n-Butylbenzene	13.939	91	6428	0.257	ug/l	93
93) 1,2,4-Trichlorobenzene	15.262	180	4468	3.551	ug/l	90
95) Naphthalene	15.498	128	15993	5.755	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.692	180	4447	3.319	ug/l	92

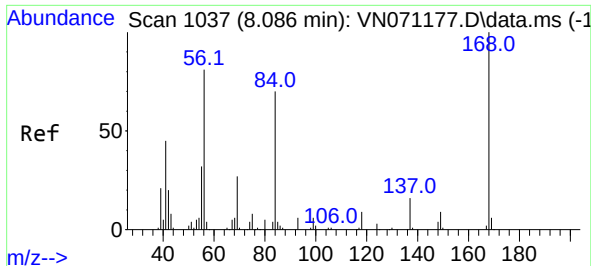
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
Data File : VN071248.D
Acq On : 11 Mar 2022 15:12
Operator : JC\MD
Sample : N1886-01 10X
Misc : 1.05g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 12 02:17:06 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

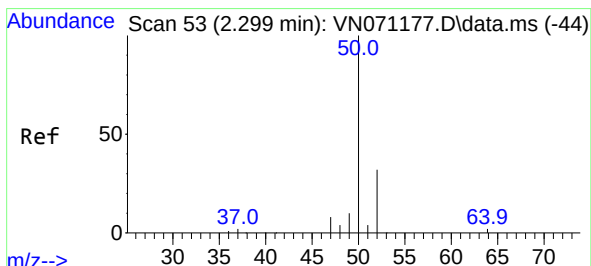
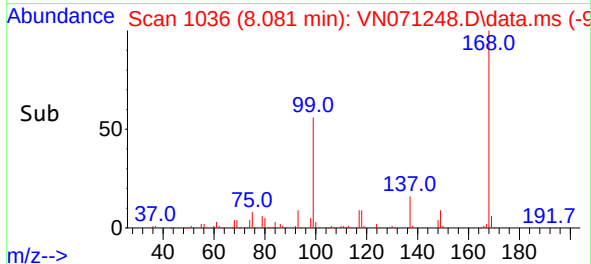
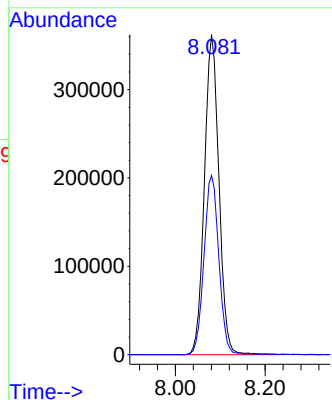
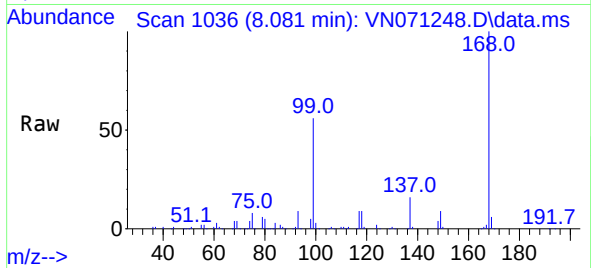




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

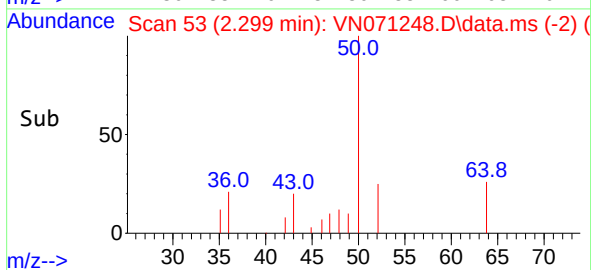
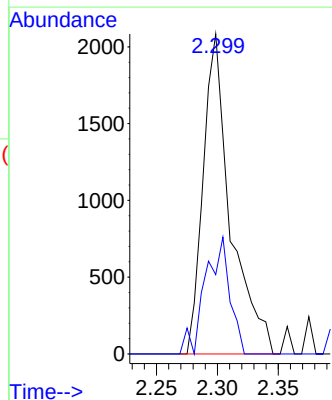
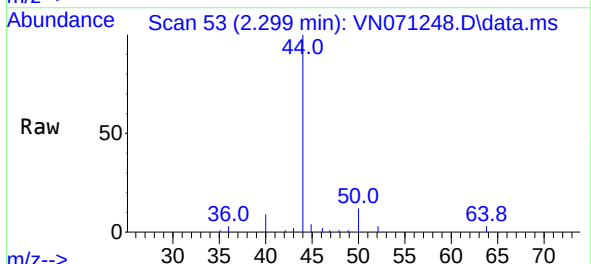
Instrument :
MSVOA_N
ClientSampleId :

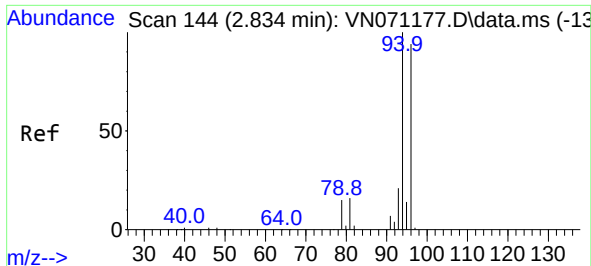
Tgt Ion:168 Resp: 813469
Ion Ratio Lower Upper
168 100
99 55.9 41.3 61.9



#3
Chloromethane
Concen: 0.237 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

Tgt Ion: 50 Resp: 3250
Ion Ratio Lower Upper
50 100
52 24.8 25.4 38.0#

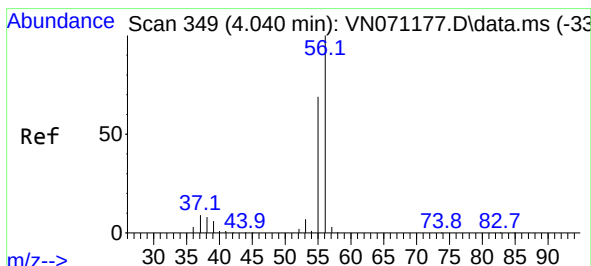
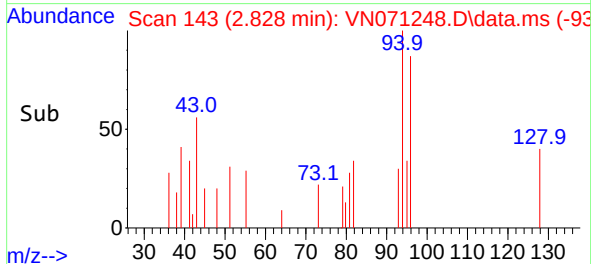
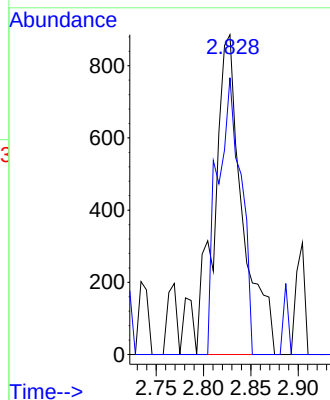
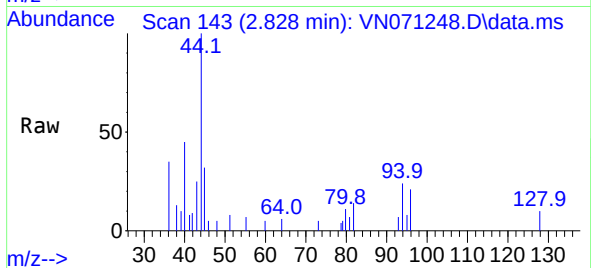




#5
Bromomethane
Concen: Below Cal
RT: 2.828 min Scan# 144
Delta R.T. -0.006 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

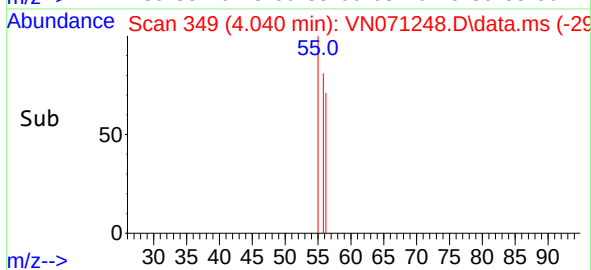
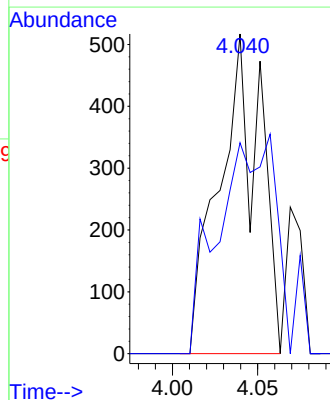
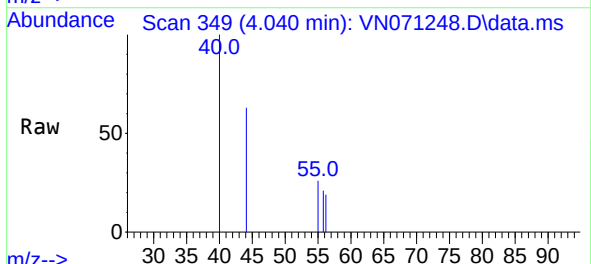
Instrument :
MSVOA_N
ClientSampleId :

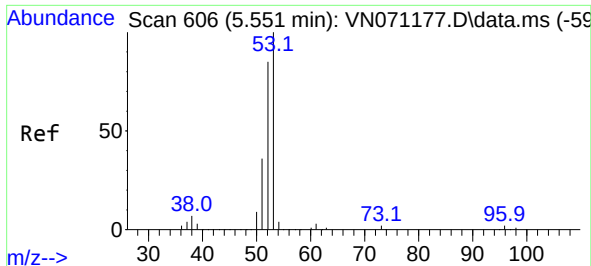
Tgt Ion: 94 Resp: 1927
Ion Ratio Lower Upper
94 100
96 86.6 73.8 110.8



#13
Acrolein
Concen: 0.374 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

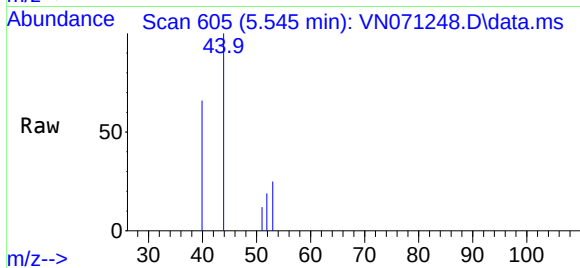
Tgt Ion: 56 Resp: 866
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



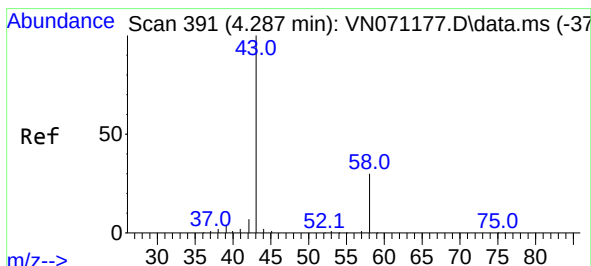
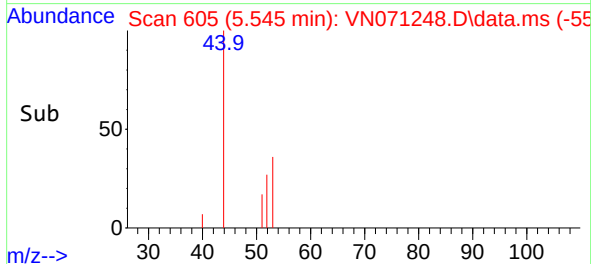
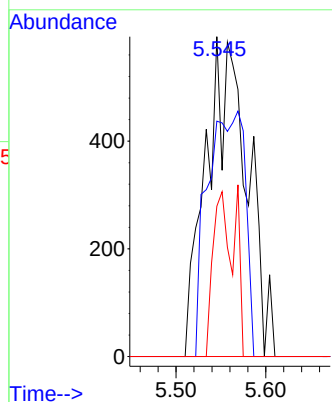


#15
Acrylonitrile
Concen: 0.292 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

Instrument :
MSVOA_N
ClientSampleId :

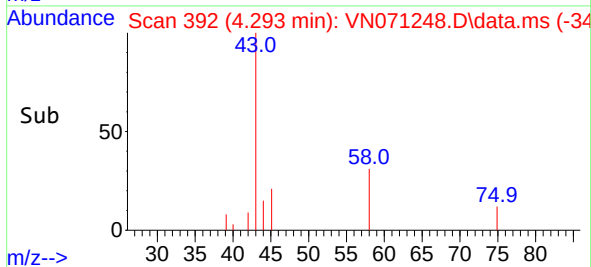
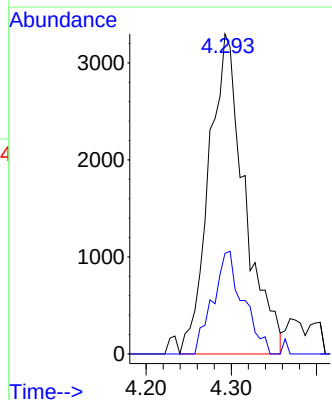
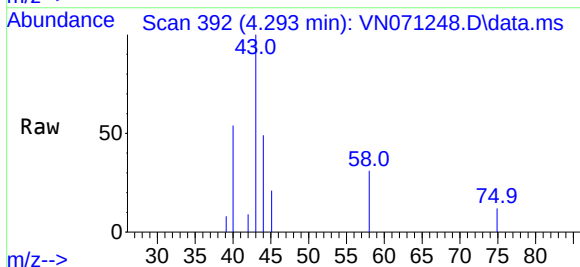


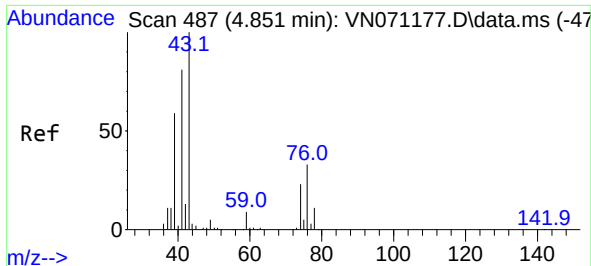
Tgt Ion: 53 Resp: 1901
Ion Ratio Lower Upper
53 100
52 41.5 66.2 99.2#
51 0.0 29.6 44.4#



#16
Acetone
Concen: 1.774 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

Tgt Ion: 43 Resp: 9621
Ion Ratio Lower Upper
43 100
58 31.4 23.1 34.7

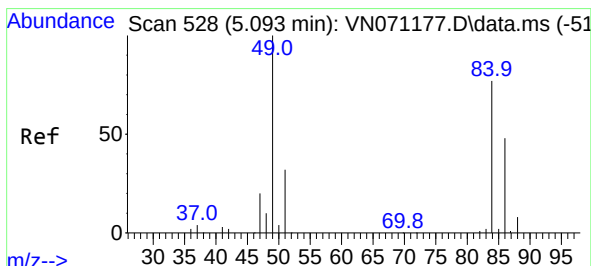
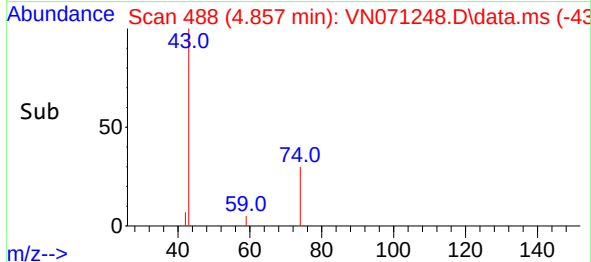
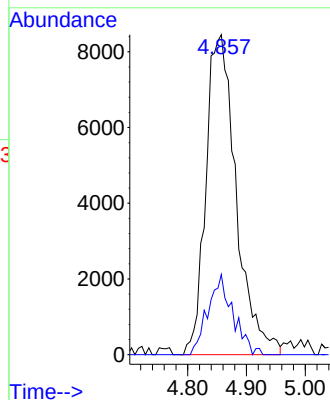
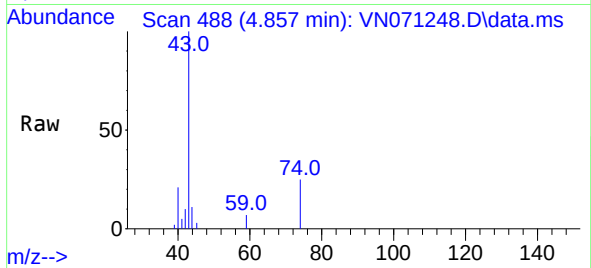




#18
Methyl Acetate
Concen: 2.526 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

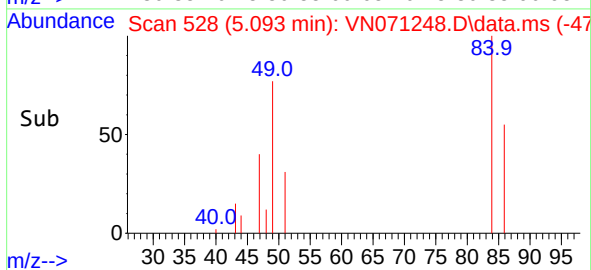
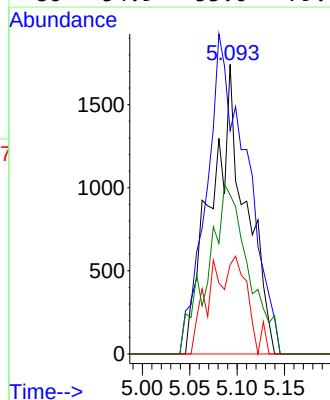
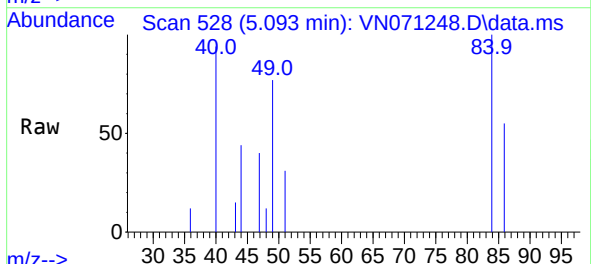
Instrument :
MSVOA_N
ClientSampleId :

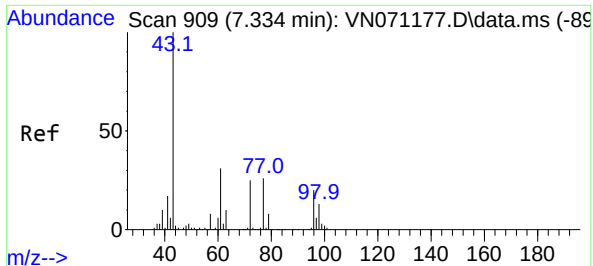
Tgt Ion: 43 Resp: 30244
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2



#20
Methylene Chloride
Concen: 0.822 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

Tgt Ion: 84 Resp: 4397
Ion Ratio Lower Upper
84 100
49 77.2 93.5 140.3#
51 30.8 29.4 44.2
86 54.9 53.0 79.4





#25

2-Butanone

Concen: 1.209 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.000 min

Lab File: VN071248.D

Acq: 11 Mar 2022 15:12

Instrument :

MSVOA_N

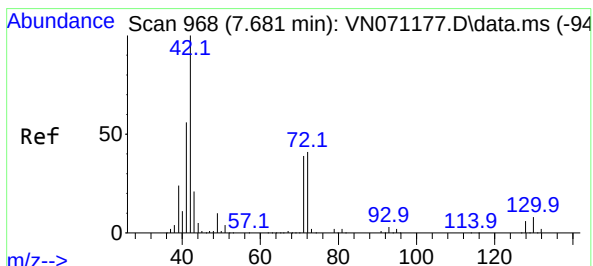
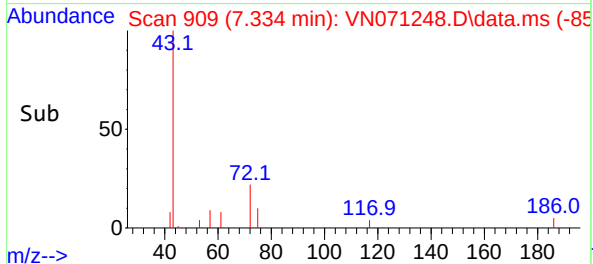
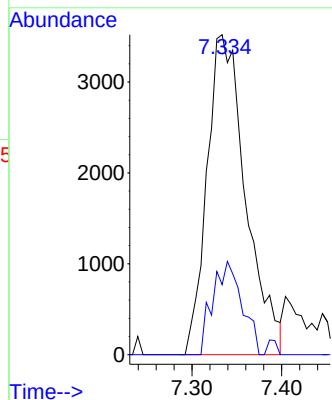
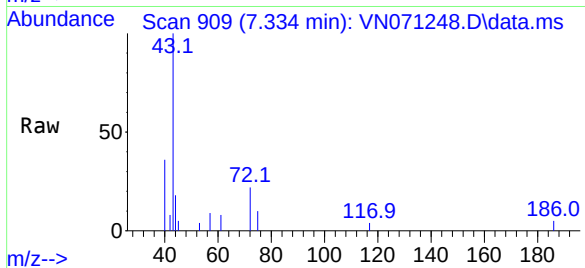
ClientSampleId :

Tgt Ion: 43 Resp: 10561

Ion Ratio Lower Upper

43 100

72 21.9 21.7 32.5



#29

Tetrahydrofuran

Concen: 0.371 ug/l

RT: 7.698 min Scan# 971

Delta R.T. 0.018 min

Lab File: VN071248.D

Acq: 11 Mar 2022 15:12

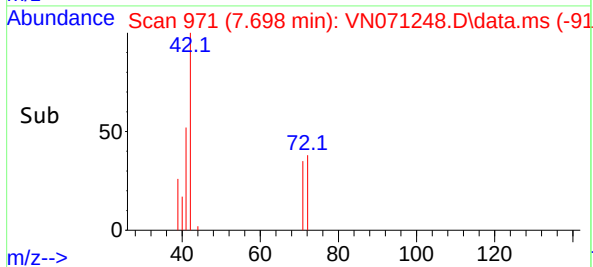
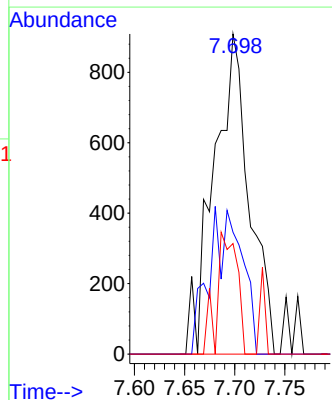
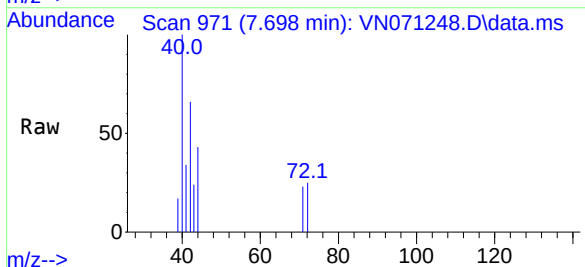
Tgt Ion: 42 Resp: 2243

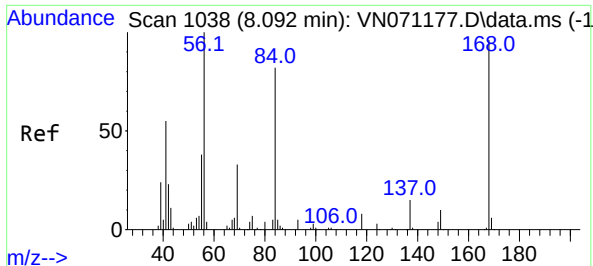
Ion Ratio Lower Upper

42 100

72 42.5 36.3 54.5

71 21.6 34.7 52.1#





#31

Cyclohexane

Concen: 0.989 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN071248.D

Acq: 11 Mar 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :

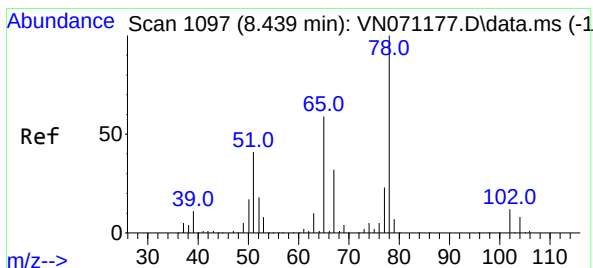
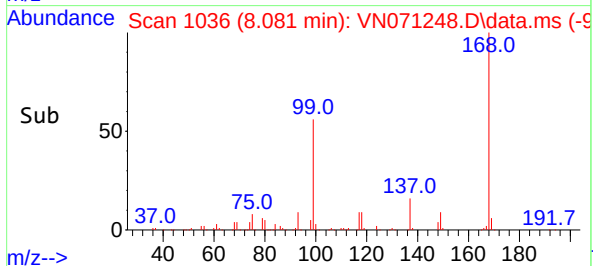
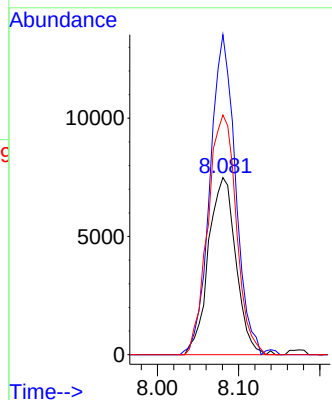
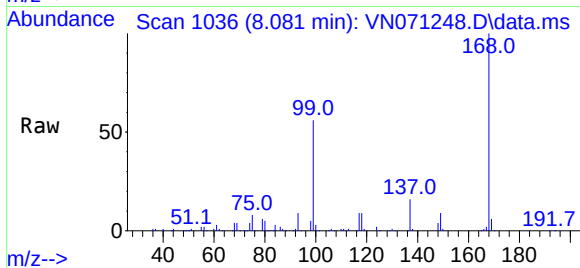
Tgt Ion: 56 Resp: 17611

Ion Ratio Lower Upper

56 100

69 180.7 27.1 40.7#

84 135.4 73.4 110.0#



#33

1,2-Dichloroethane-d4

Concen: 45.597 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071248.D

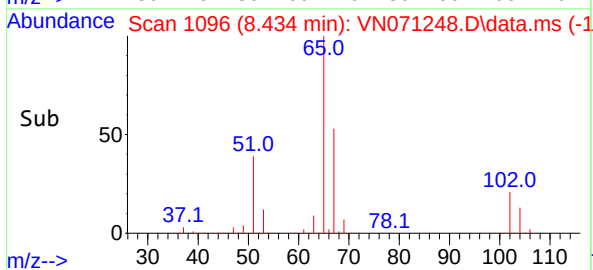
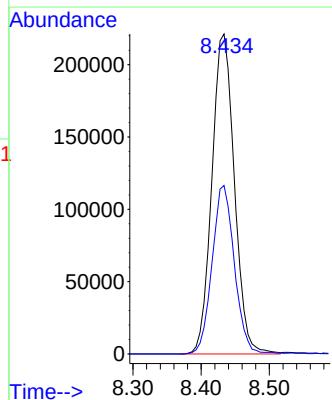
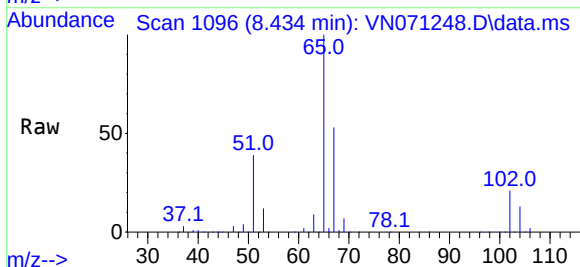
Acq: 11 Mar 2022 15:12

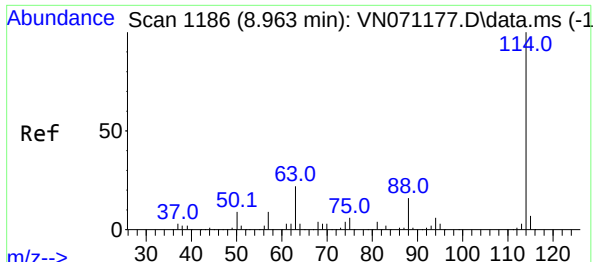
Tgt Ion: 65 Resp: 508353

Ion Ratio Lower Upper

65 100

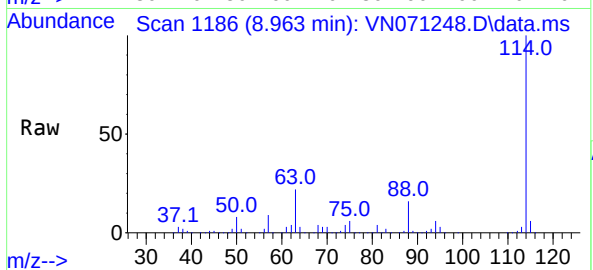
67 52.2 0.0 103.0



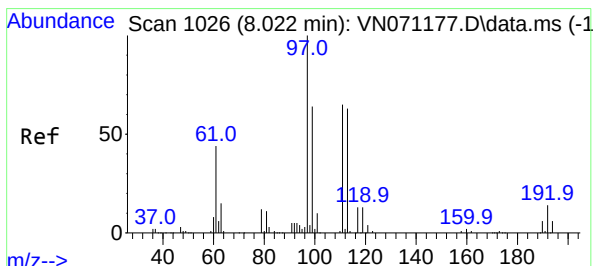
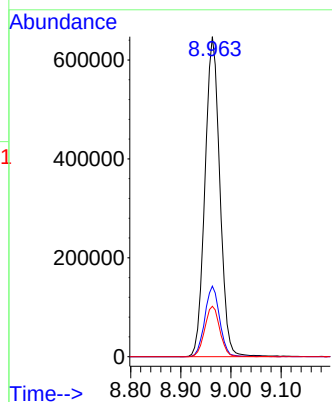
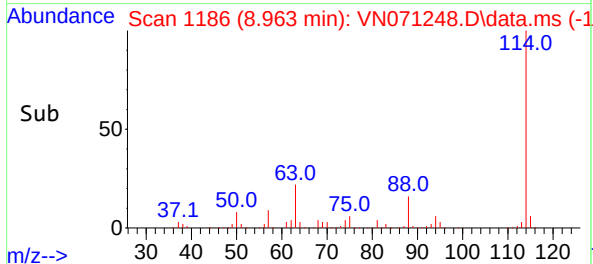


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

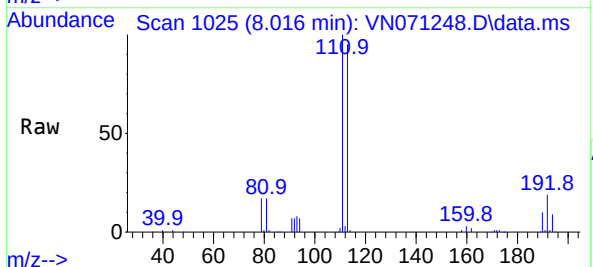
Instrument :
MSVOA_N
ClientSampleId :



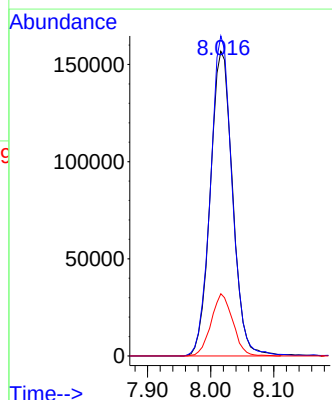
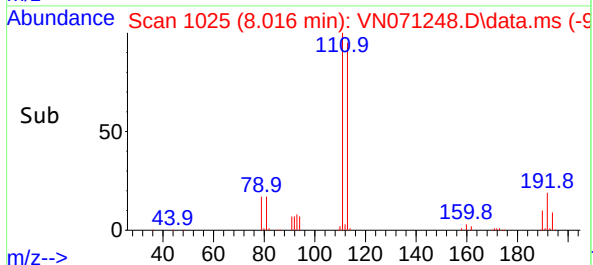
Tgt Ion:114 Resp: 1333277
Ion Ratio Lower Upper
114 100
63 22.0 0.0 37.8
88 15.8 0.0 27.4

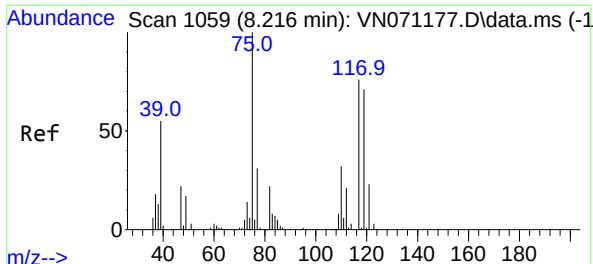


#35
Dibromofluoromethane
Concen: 45.743 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12



Tgt Ion:113 Resp: 384857
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 19.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.722 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071248.D

Acq: 11 Mar 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :

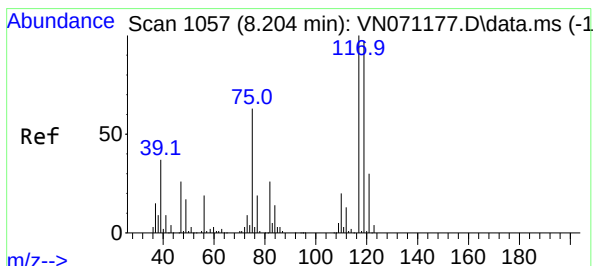
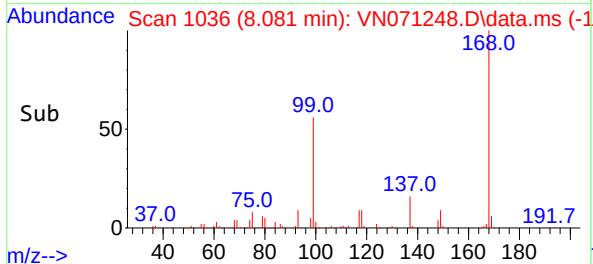
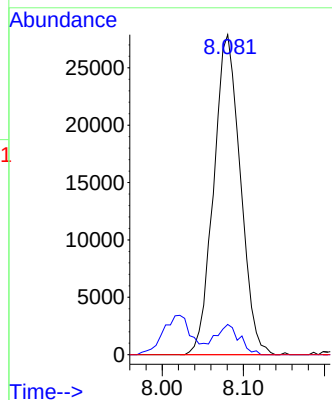
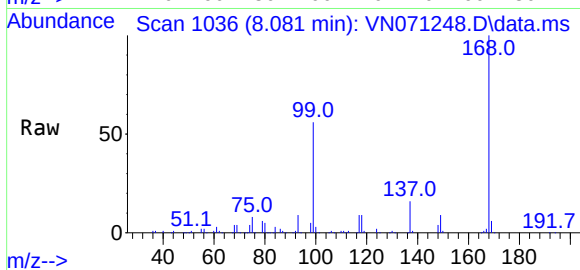
Tgt Ion: 75 Resp: 63651

Ion Ratio Lower Upper

75 100

110 8.1 18.4 55.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.038 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071248.D

Acq: 11 Mar 2022 15:12

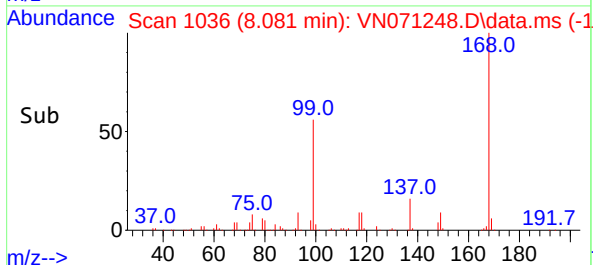
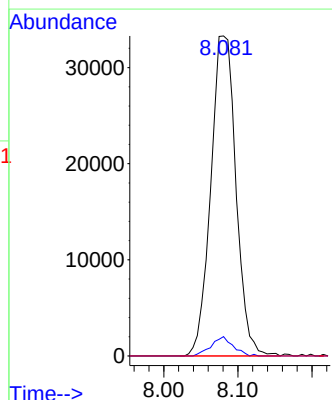
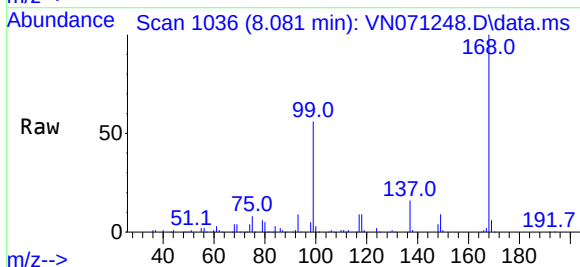
Tgt Ion: 117 Resp: 78728

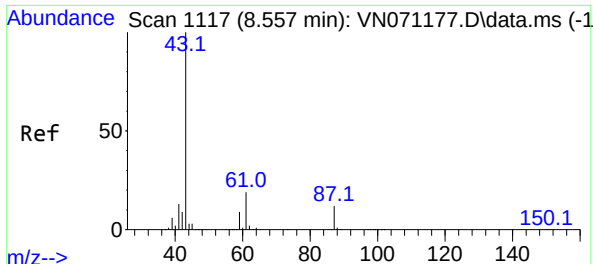
Ion Ratio Lower Upper

117 100

119 6.1 76.1 114.1#

121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 5.031 ug/l

RT: 8.657 min Scan# 1117

Delta R.T. 0.100 min

Lab File: VN071248.D

Acq: 11 Mar 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :

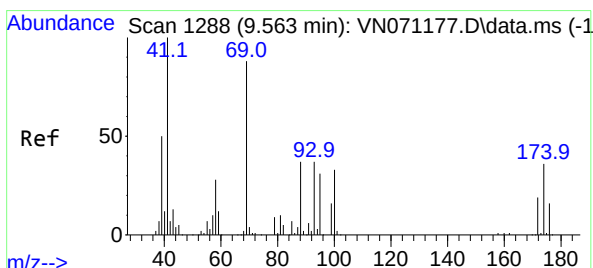
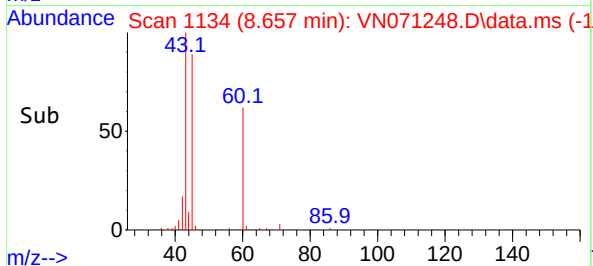
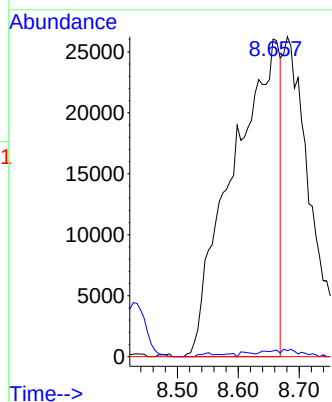
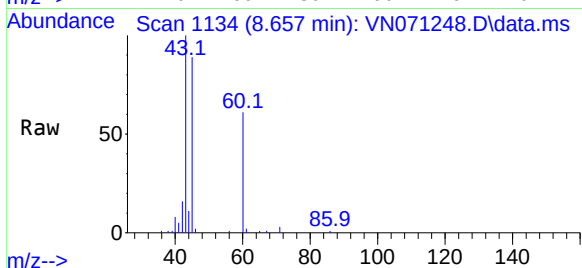
Tgt Ion: 43 Resp: 139587

Ion Ratio Lower Upper

43 100

61 0.7 20.4 30.6#

87 0.0 11.2 16.8#



#49

1,4-Dioxane

Concen: 1.539 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN071248.D

Acq: 11 Mar 2022 15:12

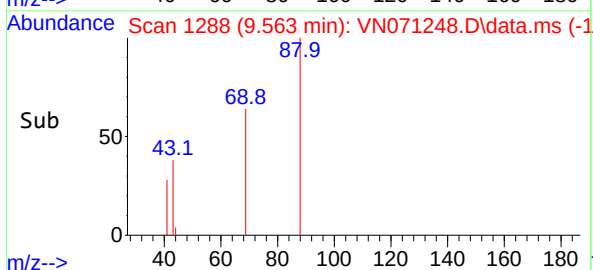
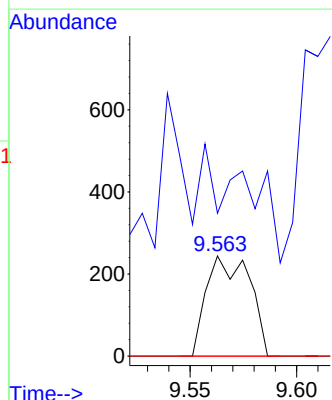
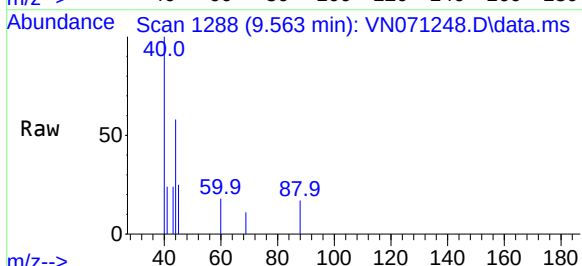
Tgt Ion: 88 Resp: 344

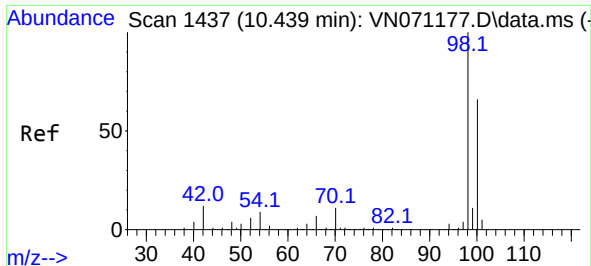
Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#

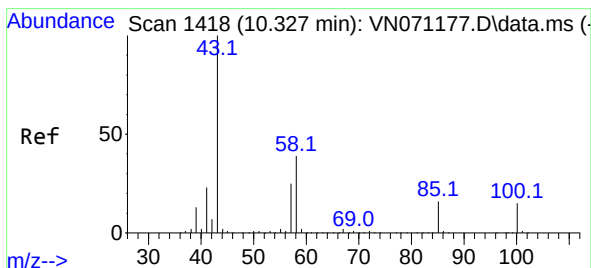
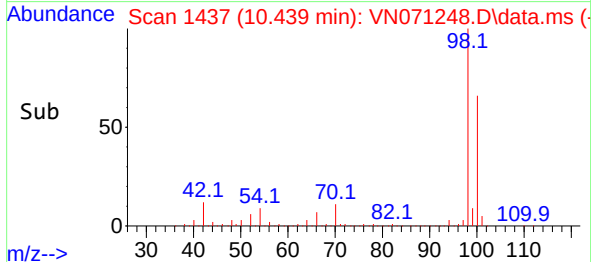
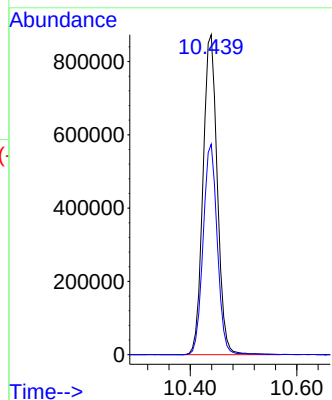
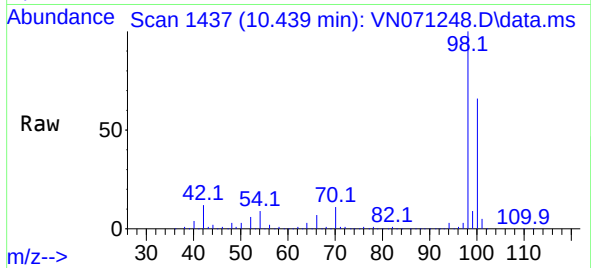




#50
Toluene-d8
Concen: 47.975 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

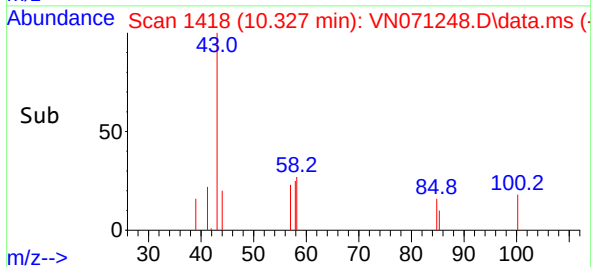
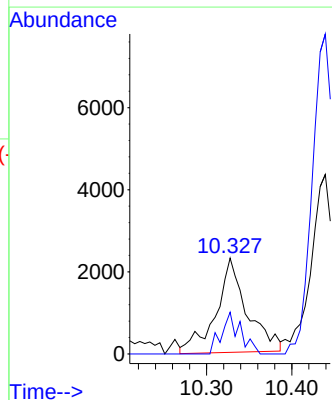
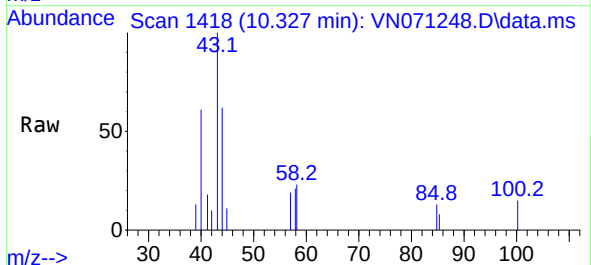
Instrument :
MSVOA_N
ClientSampleId :

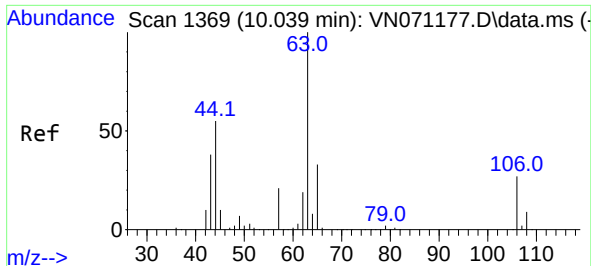
Tgt Ion: 98 Resp: 1625144
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.338 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

Tgt Ion: 43 Resp: 5820
Ion Ratio Lower Upper
43 100
58 26.9 30.4 45.6#

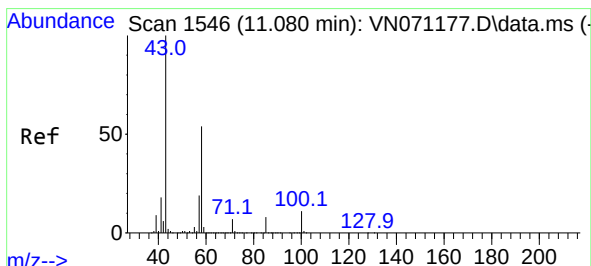
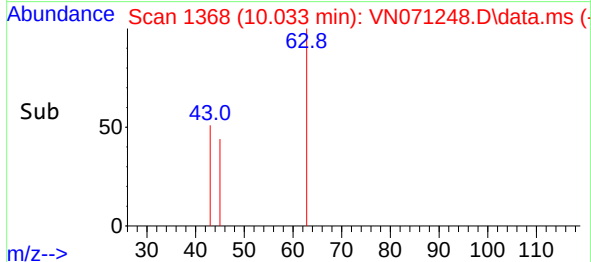
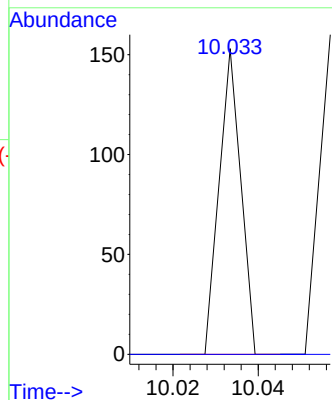
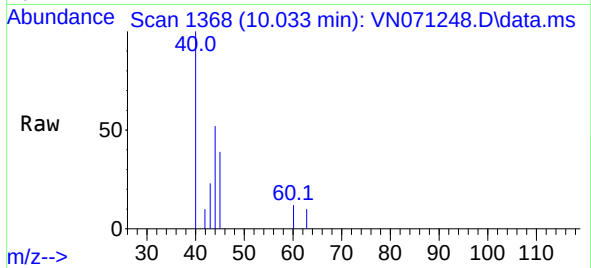




#58
2-Chloroethyl Vinyl ether
Concen: 27.879 ug/l
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

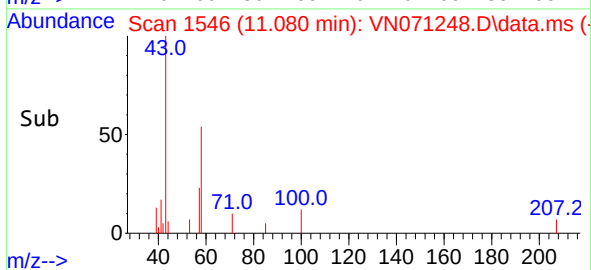
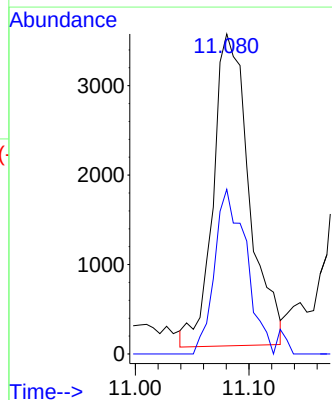
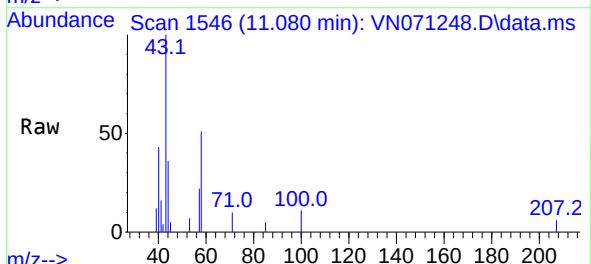
Instrument :
MSVOA_N
ClientSampleId :

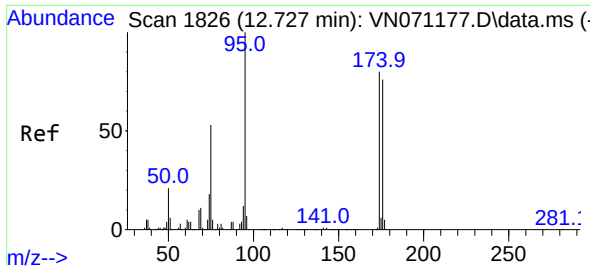
Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.654 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

Tgt Ion: 43 Resp: 7682
Ion Ratio Lower Upper
43 100
58 46.3 26.9 80.7

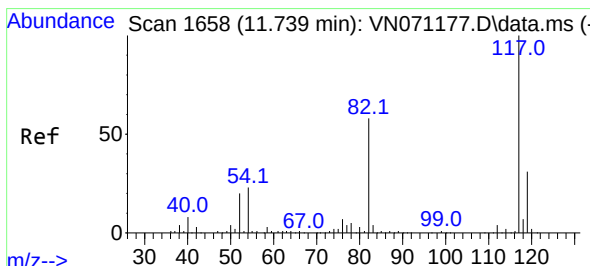
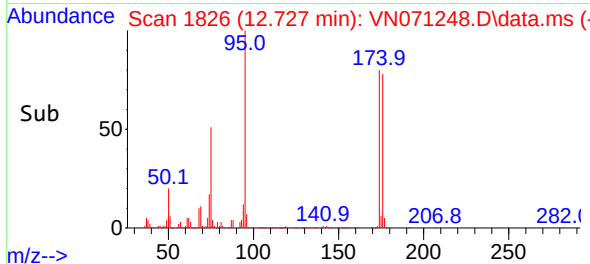
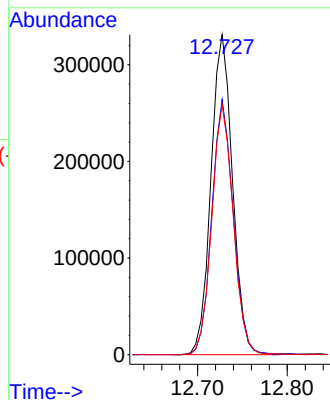
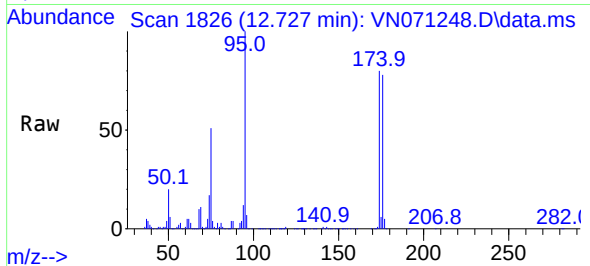




#62
4-Bromofluorobenzene
Concen: 48.297 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

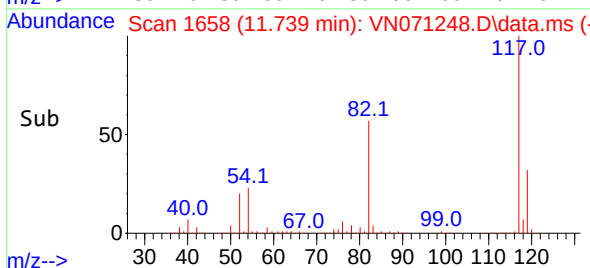
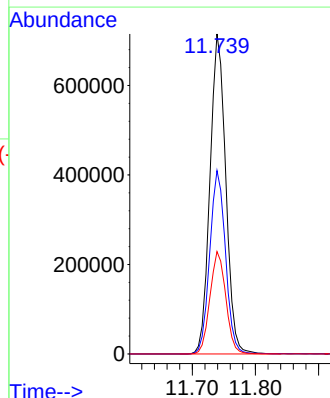
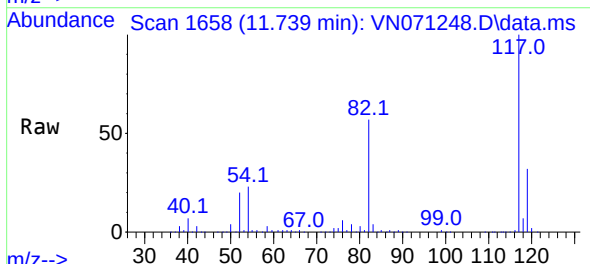
Instrument :
MSVOA_N
ClientSampleId :

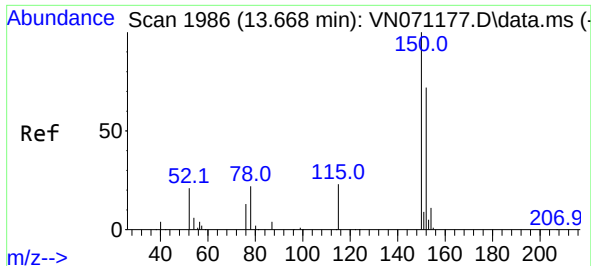
Tgt Ion: 95 Resp: 554012
Ion Ratio Lower Upper
95 100
174 79.2 0.0 187.2
176 77.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

Tgt Ion: 117 Resp: 1244095
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 32.0 25.4 38.2

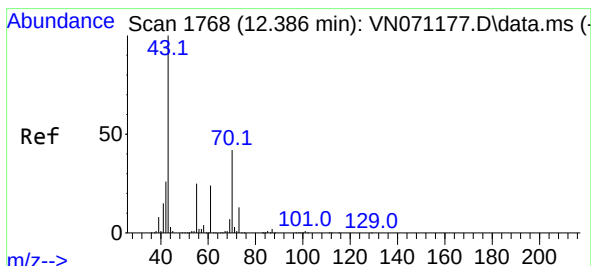
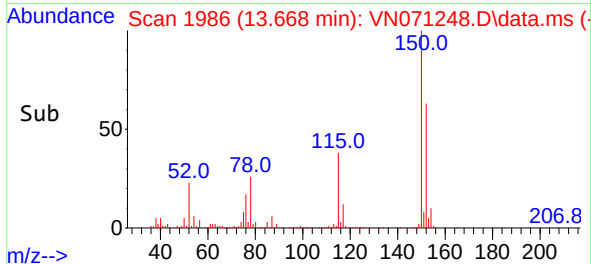
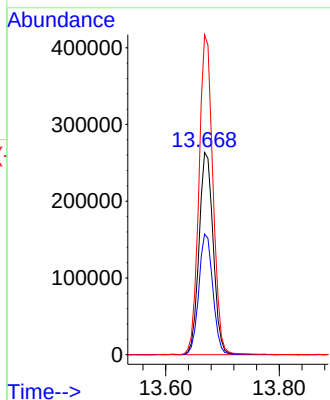
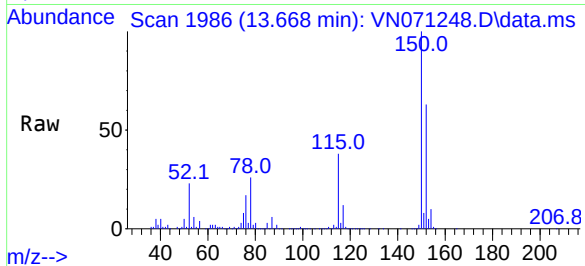




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

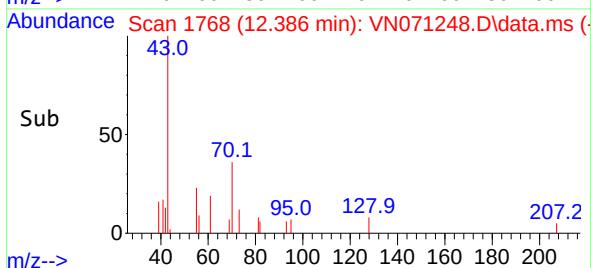
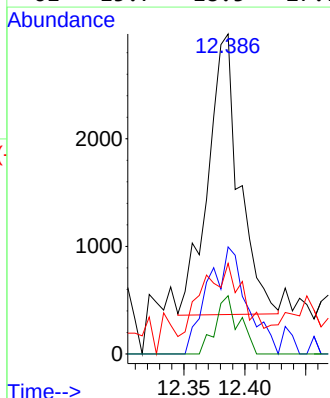
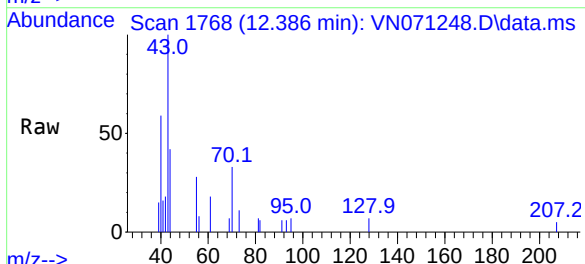
Instrument :
MSVOA_N
ClientSampleId :

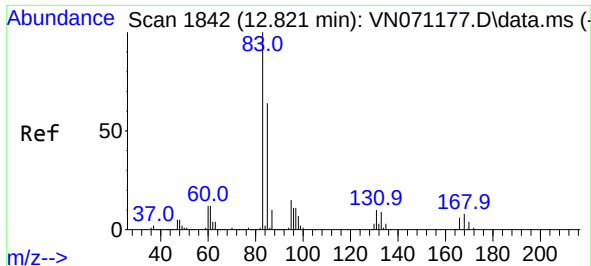
Tgt Ion:152 Resp: 456197
Ion Ratio Lower Upper
152 100
115 59.3 27.5 82.5
150 156.0 0.0 344.4



#74
N-ethyl acetate
Concen: 0.283 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

Tgt Ion: 43 Resp: 4678
Ion Ratio Lower Upper
43 100
70 46.9 33.4 50.0
55 33.6 19.3 28.9#
61 15.7 18.5 27.7#

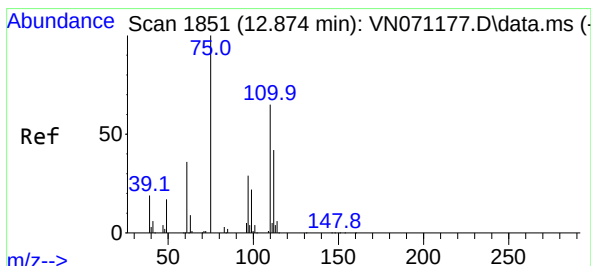
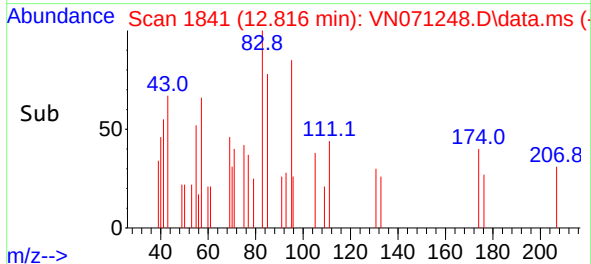
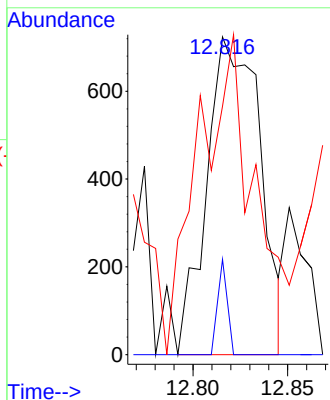
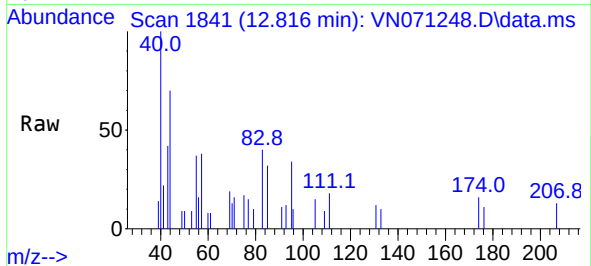




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.816 min Scan# 1841
Delta R.T. -0.005 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

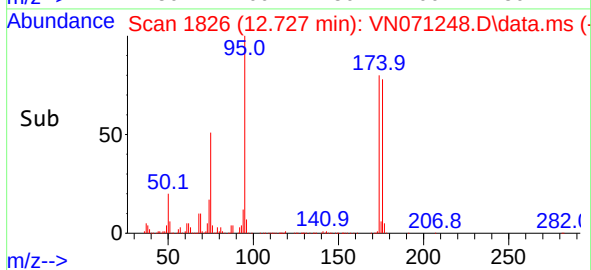
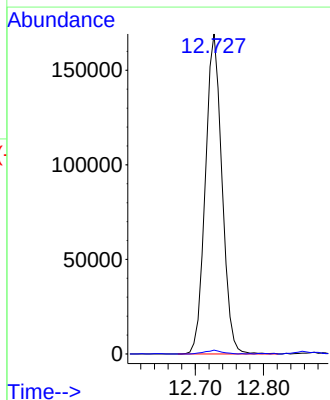
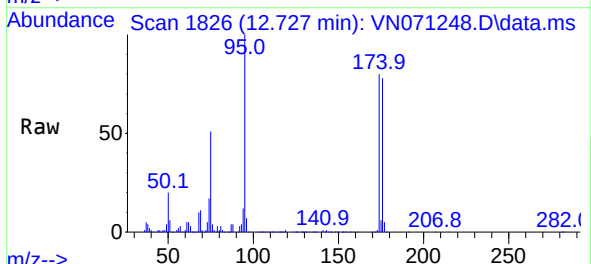
Instrument :
MSVOA_N
ClientSampleId :

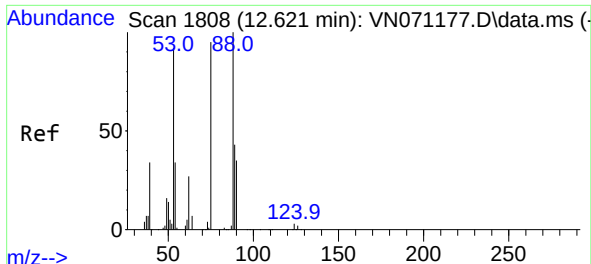
Tgt Ion: 83 Resp: 1421
Ion Ratio Lower Upper
83 100
131 5.4 5.5 16.5#
85 106.1 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 24.522 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

Tgt Ion: 75 Resp: 287033
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

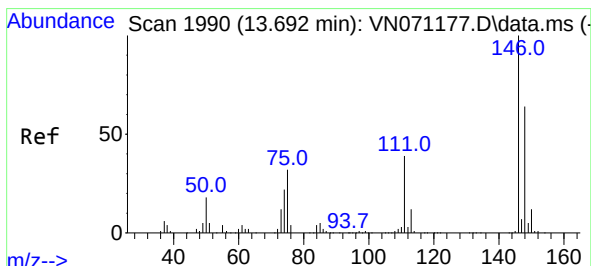
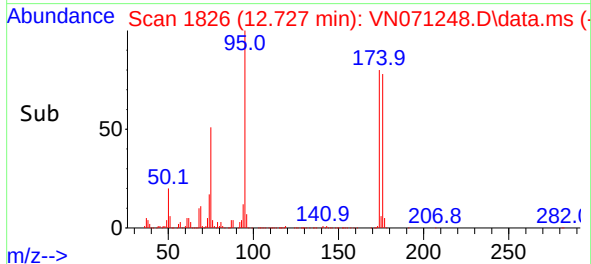
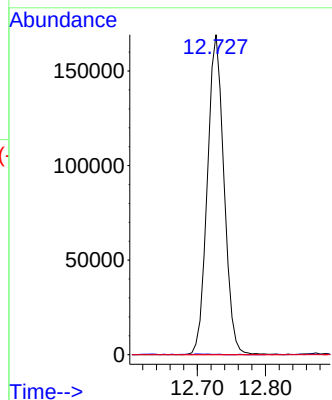
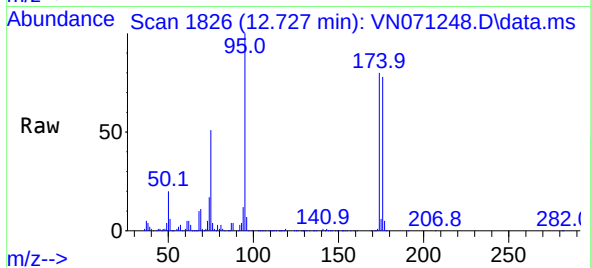




#81
trans-1,4-Dichloro-2-butene
Concen: 68.015 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

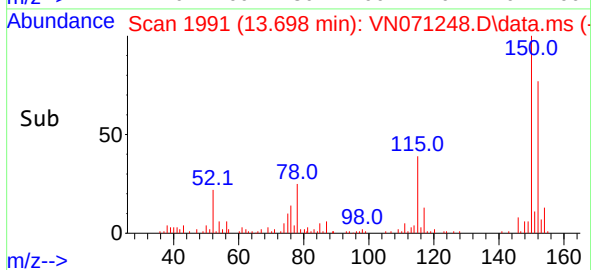
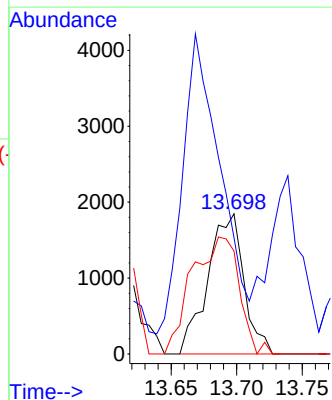
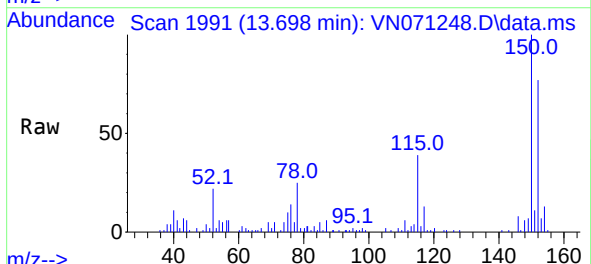
Instrument :
MSVOA_N
ClientSampleId :

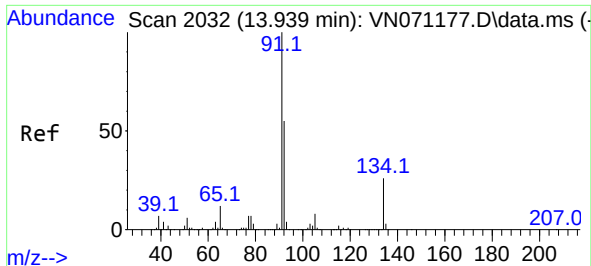
Tgt Ion: 75 Resp: 287033
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#88
1,4-Dichlorobenzene
Concen: 0.218 ug/l
RT: 13.698 min Scan# 1991
Delta R.T. 0.006 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

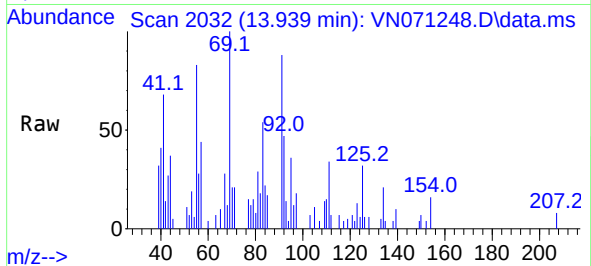
Tgt Ion: 146 Resp: 3544
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 108.3 31.8 95.4#



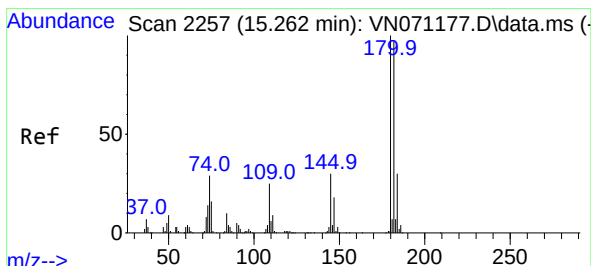
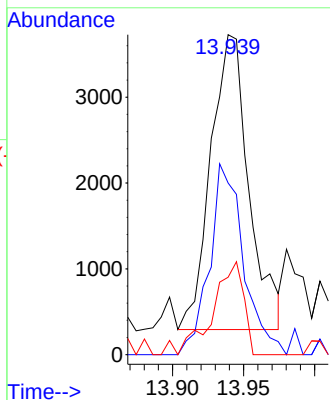
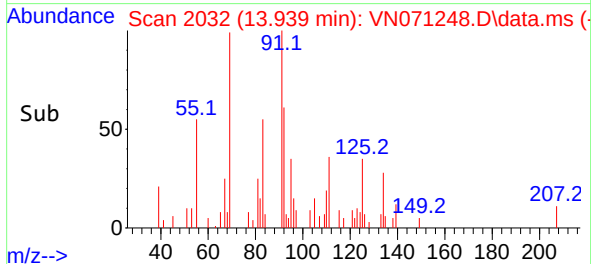


#89
n-Butylbenzene
Concen: 0.257 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

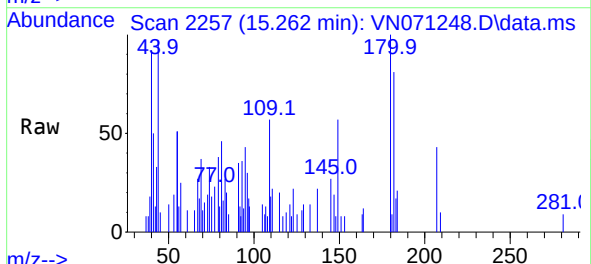
Instrument :
MSVOA_N
ClientSampleId :



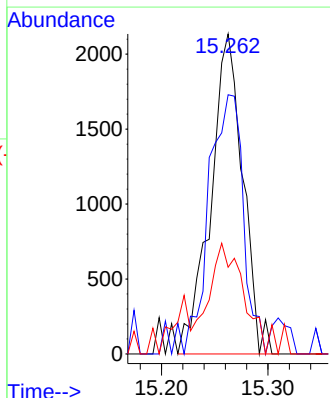
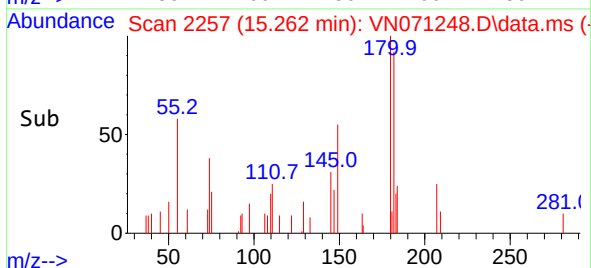
Tgt Ion: 91 Resp: 6428
Ion Ratio Lower Upper
91 100
92 57.5 25.4 76.0
134 25.8 13.6 40.8

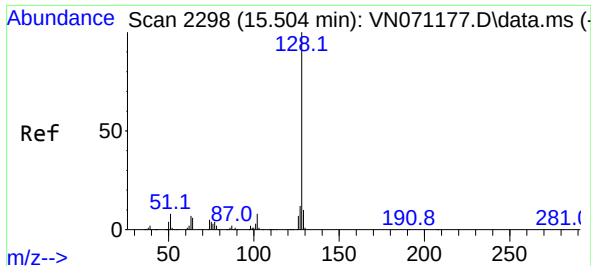


#93
1,2,4-Trichlorobenzene
Concen: 3.551 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12



Tgt Ion: 180 Resp: 4468
Ion Ratio Lower Upper
180 100
182 87.9 48.3 144.9
145 35.3 14.5 43.5

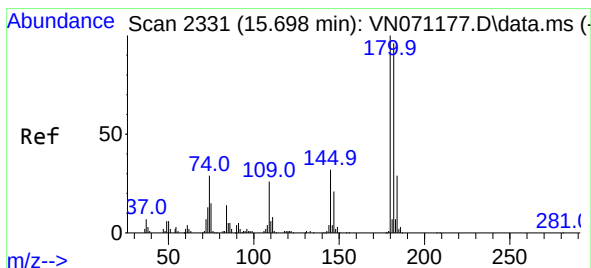
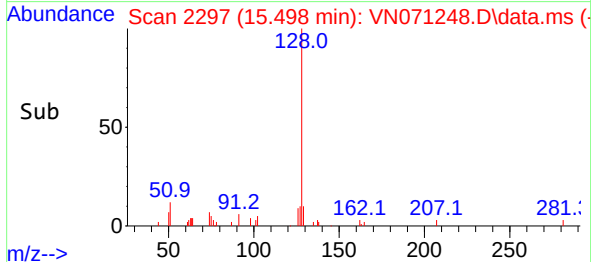
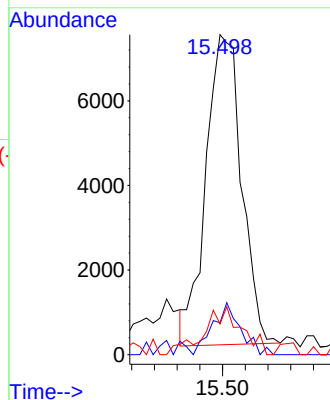
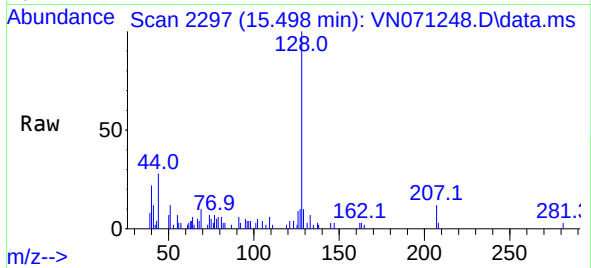




#95
Naphthalene
Concen: 5.755 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 15993
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 16.3 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.319 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071248.D
Acq: 11 Mar 2022 15:12

Tgt Ion:180 Resp: 4447
Ion Ratio Lower Upper
180 100
182 90.0 47.4 142.2
145 21.7 15.0 45.1

