

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071244.D
 Acq On : 11 Mar 2022 12:42
 Operator : JC\MD
 Sample : N1763-03ME
 Misc : 5.13g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 12 02:16:07 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)

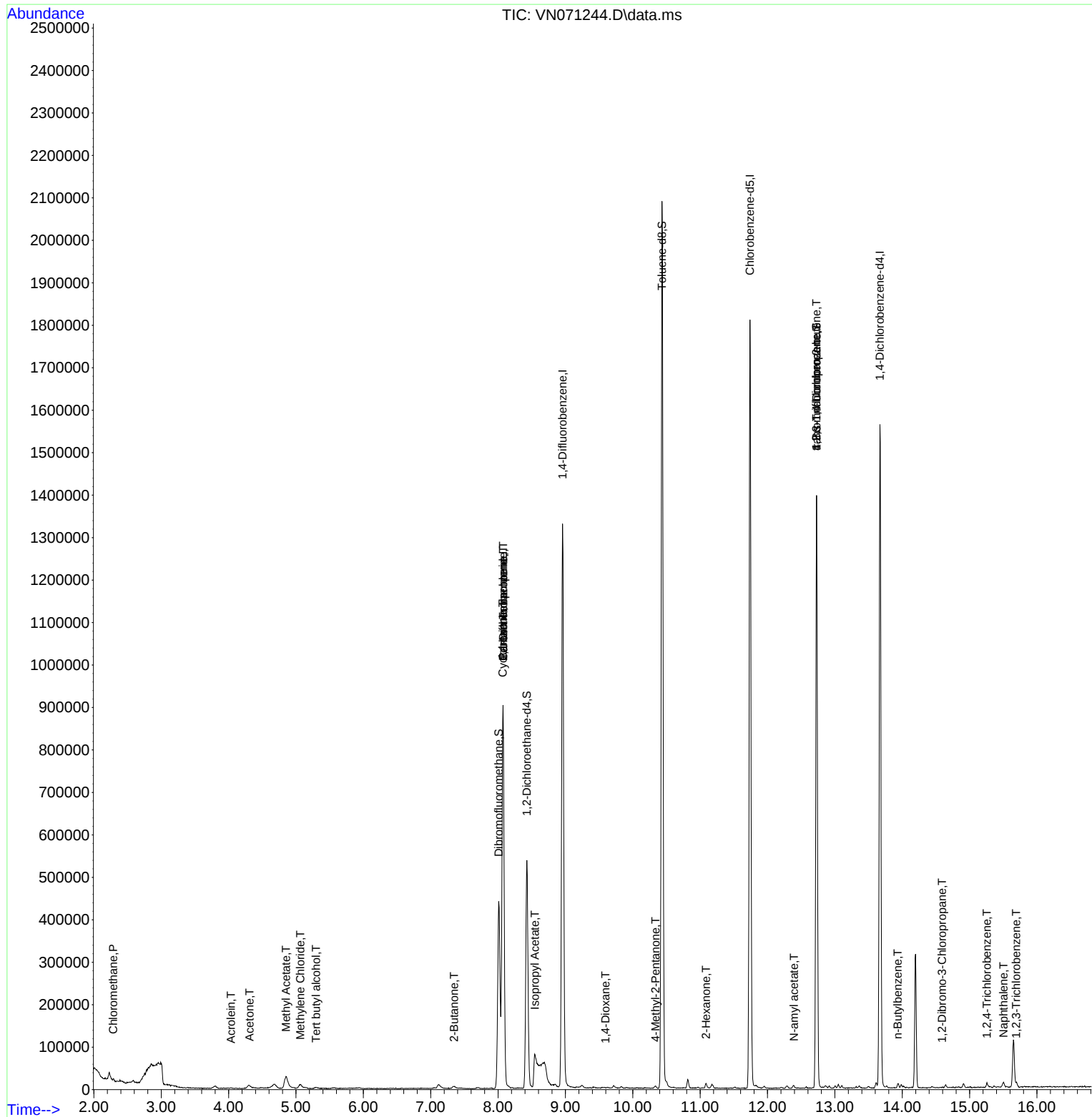
Internal Standards						
1) Pentafluorobenzene	8.075	168	703568	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.957	114	1171283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1047769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	425669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	443996	46.045	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.080%		
35) Dibromofluoromethane	8.010	113	331205	44.811	ug/l	-0.01
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.620%		
50) Toluene-d8	10.433	98	1434683	48.210	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.420%		
62) 4-Bromofluorobenzene	12.727	95	465555	46.199	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.400%		
Target Compounds					Qvalue	
3) Chloromethane	2.287	50	3716	0.325	ug/l	89
5) Bromomethane	2.810	94	1835	Below Cal		99
11) Tert butyl alcohol	5.298	59	2796	1.476	ug/l #	71
13) Acrolein	4.034	56	1213	0.605	ug/l	100
16) Acetone	4.310	43	16004	3.411	ug/l #	84
18) Methyl Acetate	4.851	43	76822	6.509	ug/l	93
20) Methylene Chloride	5.063	84	8377	1.351	ug/l #	86
25) 2-Butanone	7.345	43	10133	1.341	ug/l	99
31) Cyclohexane	8.069	56	14563	0.946	ug/l #	1
36) 1,1-Dichloropropene	8.075	75	55003	4.645	ug/l #	49
38) Carbon Tetrachloride	8.075	117	68877	6.013	ug/l #	15
43) Isopropyl Acetate	8.545	43	100155	4.109	ug/l #	56
49) 1,4-Dioxane	9.592	88	251	1.279	ug/l #	33
51) 4-Methyl-2-Pentanone	10.339	43	4393	0.290	ug/l	93
59) 2-Hexanone	11.086	43	9727	0.943	ug/l	88
74) N-amyl acetate	12.392	43	4367	0.283	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	1167	Below Cal	#	74
76) 1,2,3-Trichloropropane	12.727	75	239641	21.627	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	239641	60.857	ug/l #	5
89) n-Butylbenzene	13.933	91	6316	0.271	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.592	75	557	0.233	ug/l #	56
93) 1,2,4-Trichlorobenzene	15.257	180	3849	3.508	ug/l	95
95) Naphthalene	15.504	128	12090	5.624	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.692	180	4407	3.355	ug/l	91

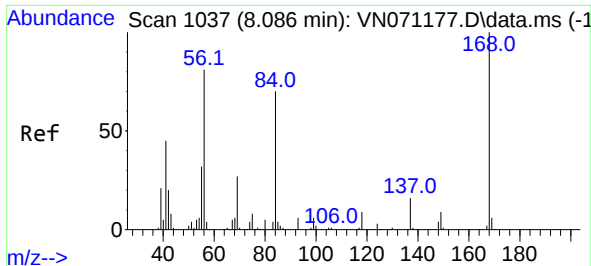
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
Data File : VN071244.D
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Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

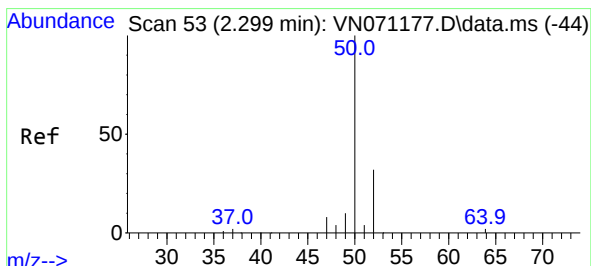
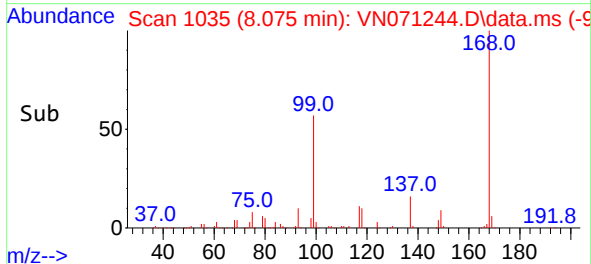
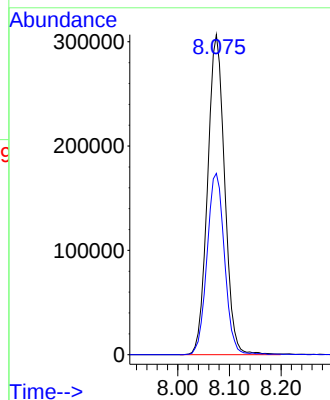
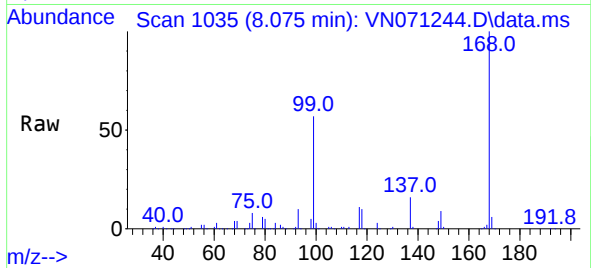




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 10
Delta R.T. -0.011 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

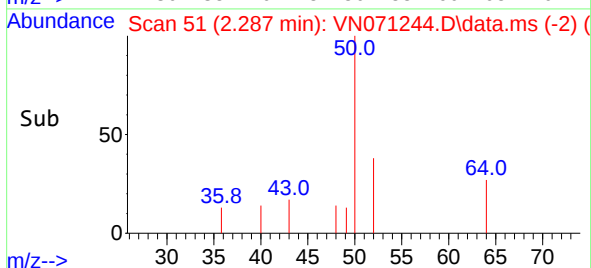
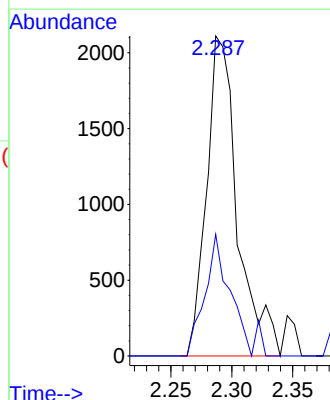
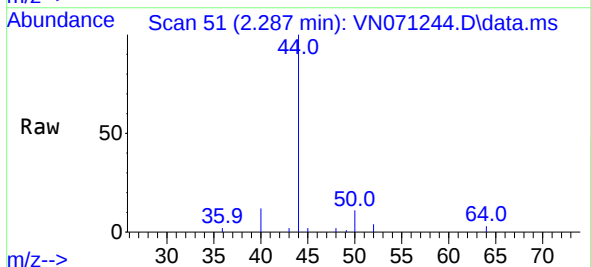
Instrument :
MSVOA_N
ClientSampleId :

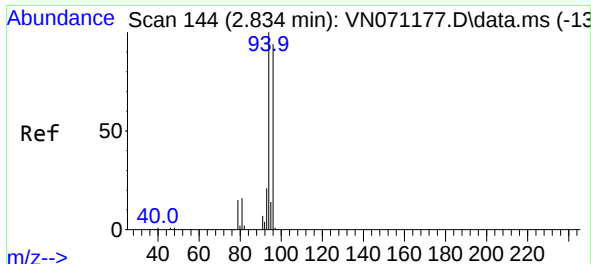
Tgt Ion:168 Resp: 703568
Ion Ratio Lower Upper
168 100
99 56.6 41.3 61.9



#3
Chloromethane
Concen: 0.325 ug/l
RT: 2.287 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

Tgt Ion: 50 Resp: 3716
Ion Ratio Lower Upper
50 100
52 38.0 25.4 38.0

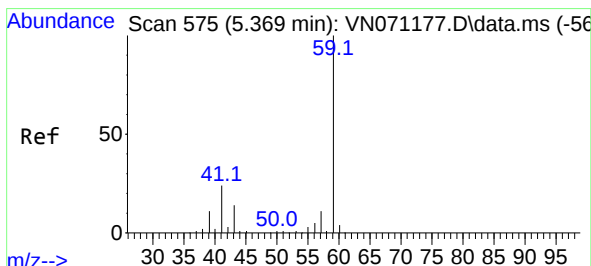
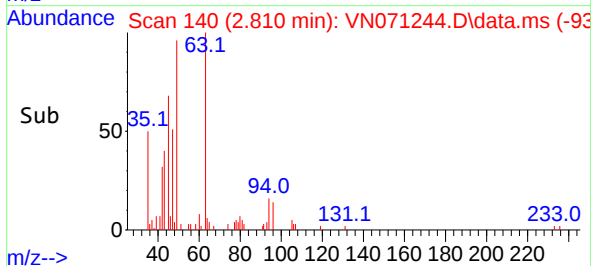
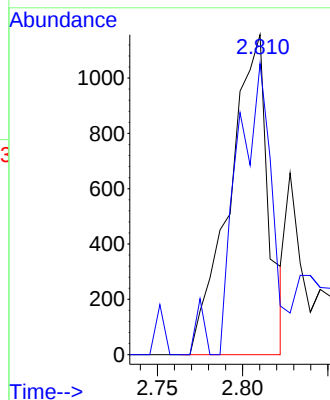
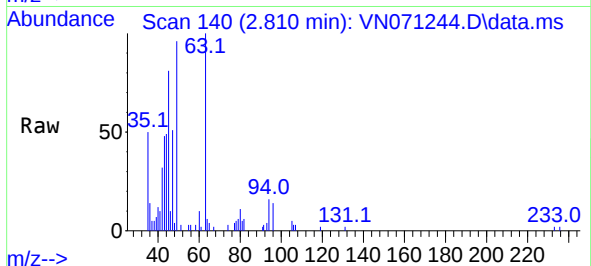




#5
Bromomethane
Concen: Below Cal
RT: 2.810 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

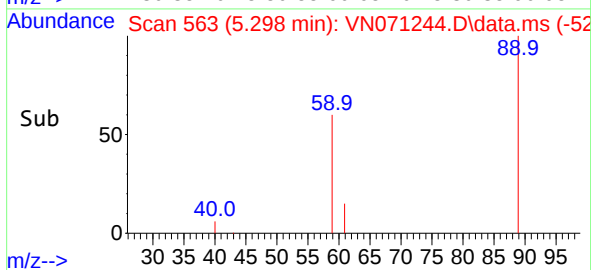
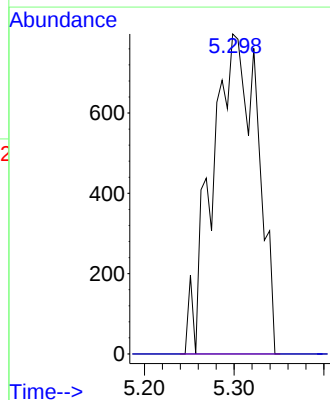
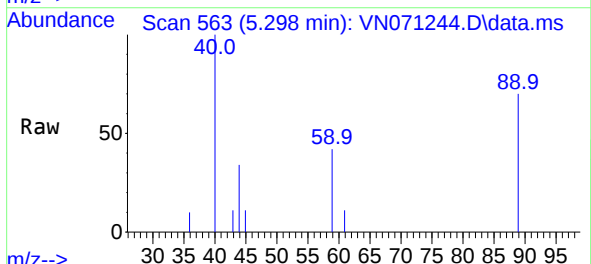
Instrument :
MSVOA_N
ClientSampleId :

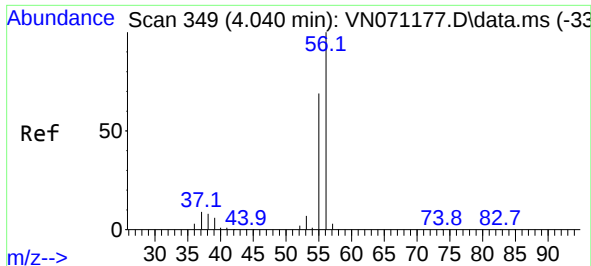
Tgt Ion: 94 Resp: 1835
Ion Ratio Lower Upper
94 100
96 90.9 73.8 110.8



#11
Tert butyl alcohol
Concen: 1.476 ug/l
RT: 5.298 min Scan# 563
Delta R.T. -0.071 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

Tgt Ion: 59 Resp: 2796
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

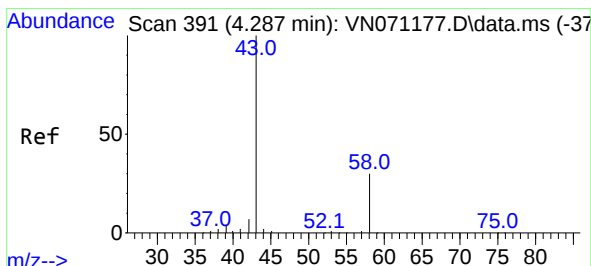
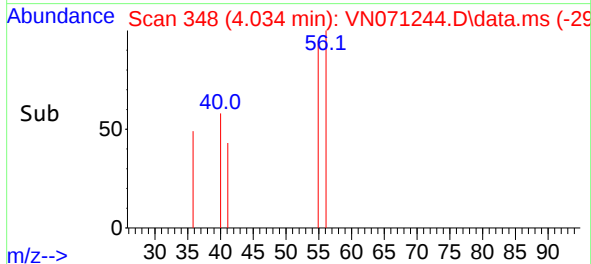
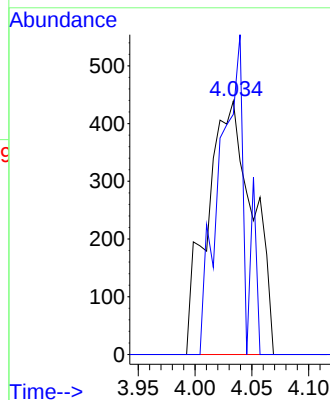
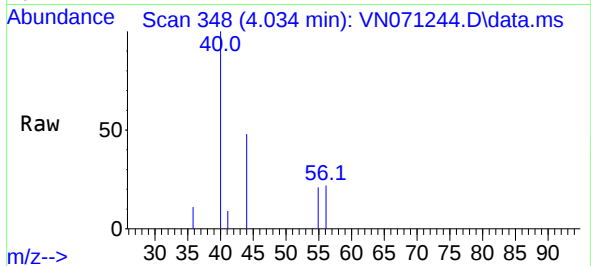




#13
Acrolein
Concen: 0.605 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

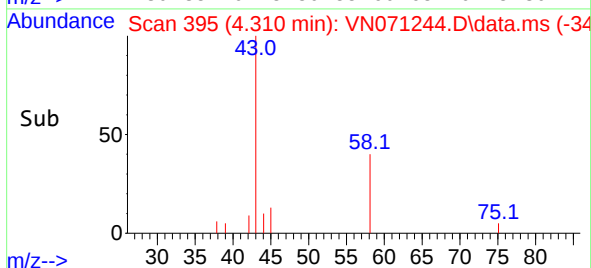
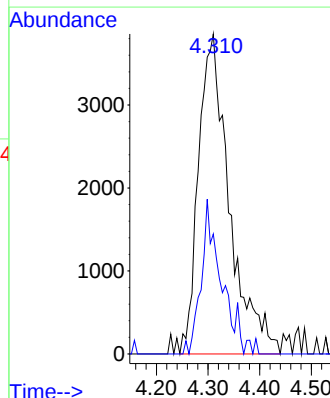
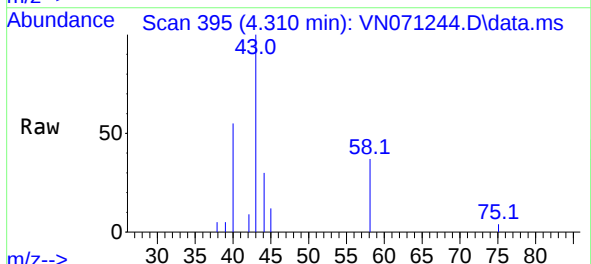
Instrument :
MSVOA_N
ClientSampleId :

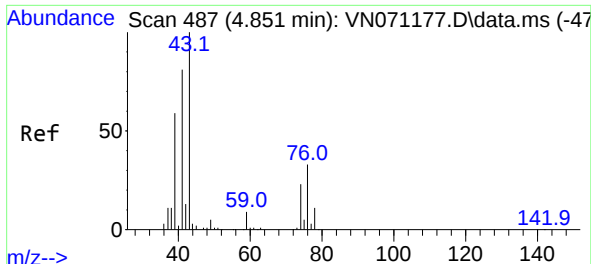
Tgt Ion: 56 Resp: 1213
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0



#16
Acetone
Concen: 3.411 ug/l
RT: 4.310 min Scan# 395
Delta R.T. 0.023 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

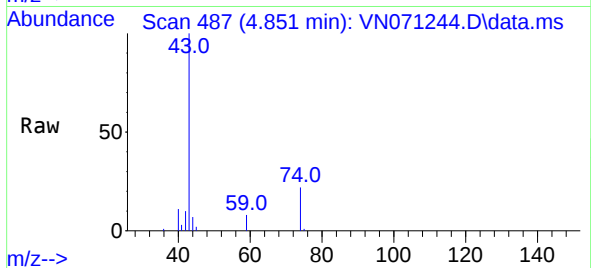
Tgt Ion: 43 Resp: 16004
Ion Ratio Lower Upper
43 100
58 37.5 23.1 34.7#



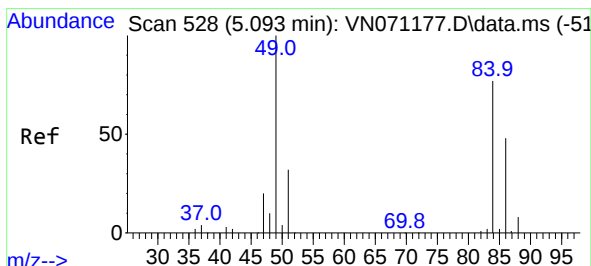
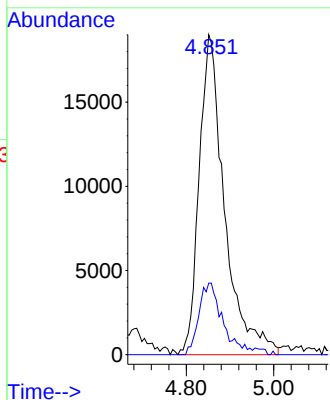
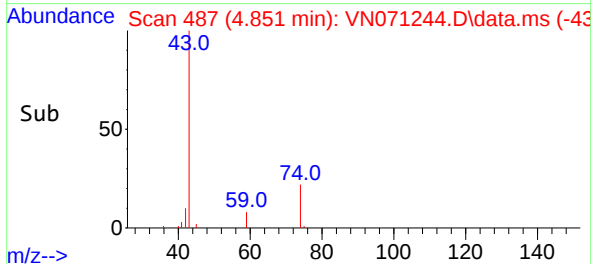


#18
Methyl Acetate
Concen: 6.509 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

Instrument :
MSVOA_N
ClientSampleId :

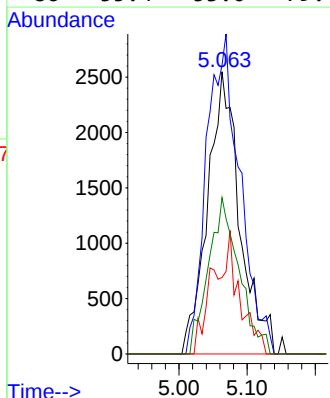
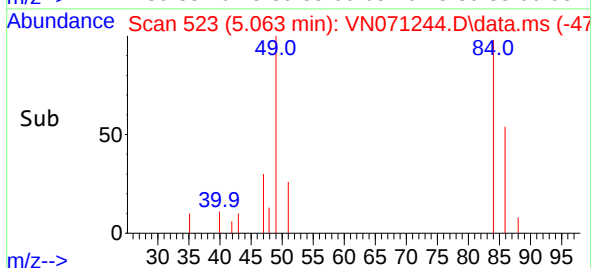
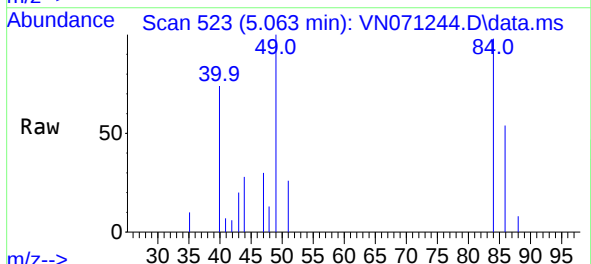


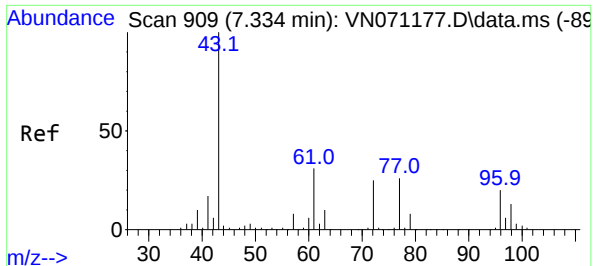
Tgt Ion: 43 Resp: 76822
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2



#20
Methylene Chloride
Concen: 1.351 ug/l
RT: 5.063 min Scan# 523
Delta R.T. -0.030 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

Tgt Ion: 84 Resp: 8377
Ion Ratio Lower Upper
84 100
49 102.4 93.5 140.3
51 27.1 29.4 44.2#
86 55.4 53.0 79.4





#25

2-Butanone

Concen: 1.341 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN071244.D

Acq: 11 Mar 2022 12:42

Instrument :

MSVOA_N

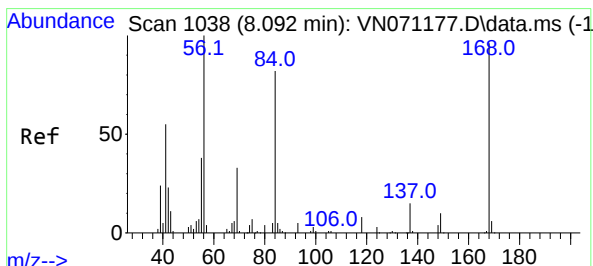
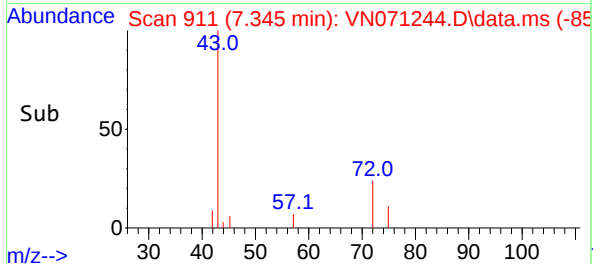
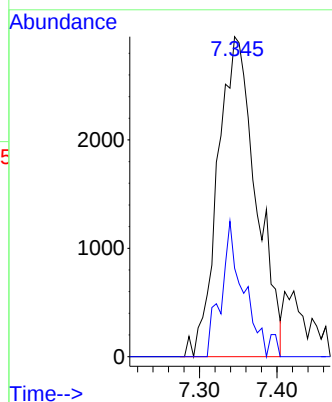
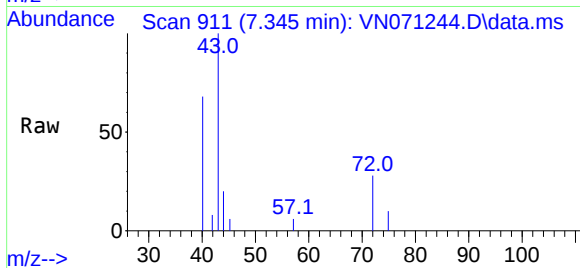
ClientSampleId :

Tgt Ion: 43 Resp: 10133

Ion Ratio Lower Upper

43 100

72 27.7 21.7 32.5



#31

Cyclohexane

Concen: 0.946 ug/l

RT: 8.069 min Scan# 1034

Delta R.T. -0.024 min

Lab File: VN071244.D

Acq: 11 Mar 2022 12:42

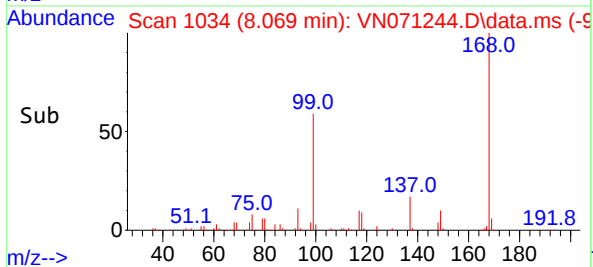
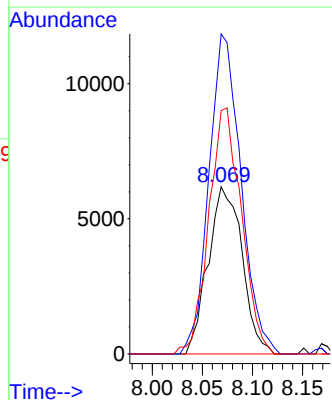
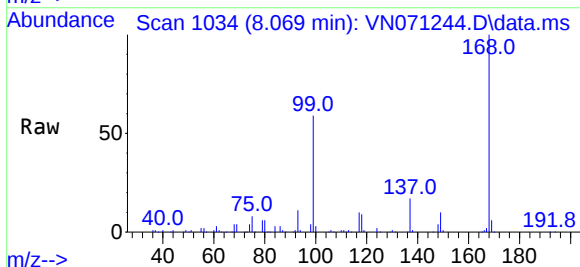
Tgt Ion: 56 Resp: 14563

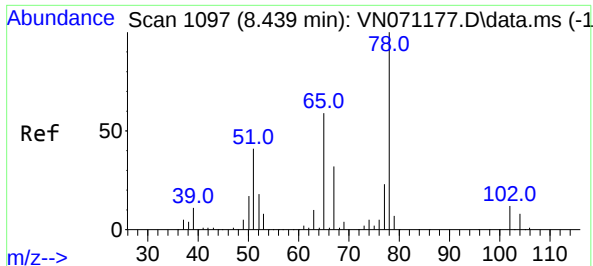
Ion Ratio Lower Upper

56 100

69 191.5 27.1 40.7#

84 145.6 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 46.045 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.012 min

Lab File: VN071244.D

Acq: 11 Mar 2022 12:42

Instrument :

MSVOA_N

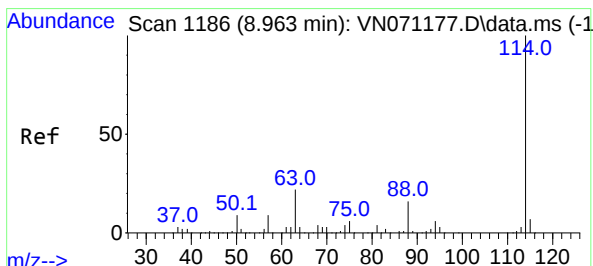
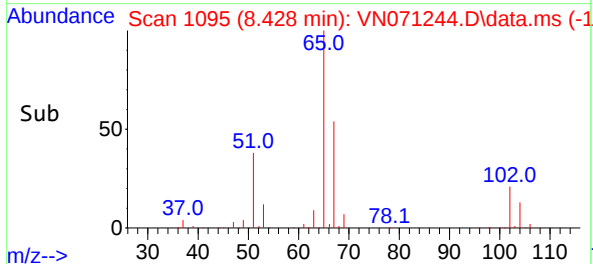
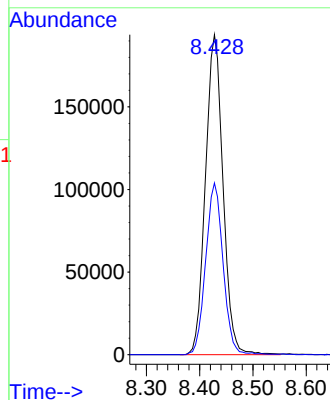
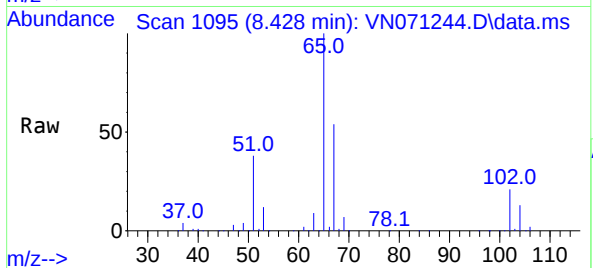
ClientSampleId :

Tgt Ion: 65 Resp: 443996

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.957 min Scan# 1185

Delta R.T. -0.006 min

Lab File: VN071244.D

Acq: 11 Mar 2022 12:42

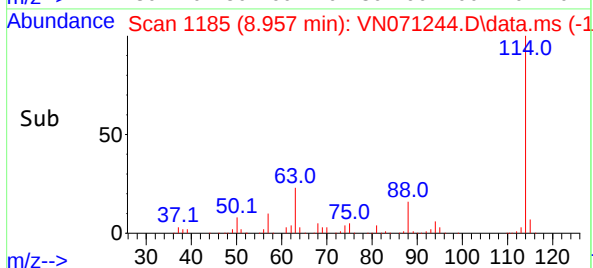
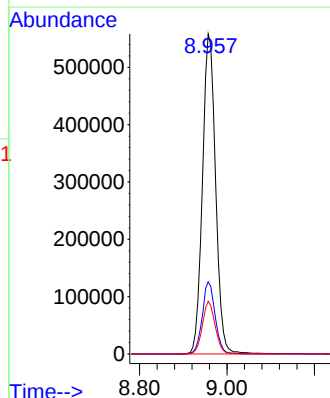
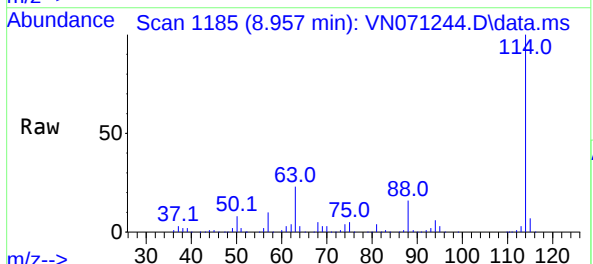
Tgt Ion: 114 Resp: 1171283

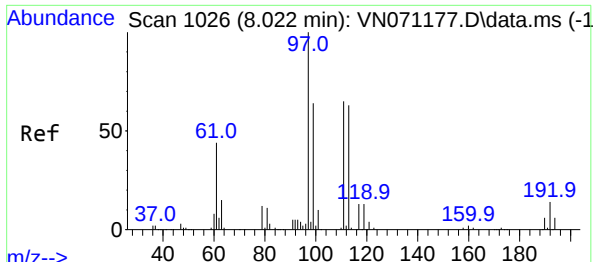
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

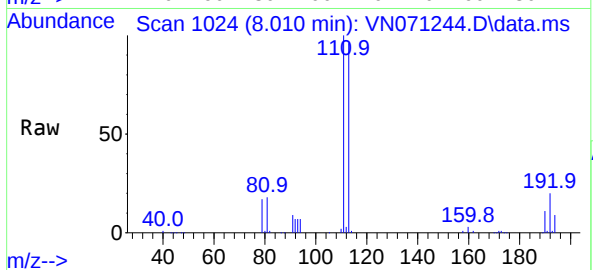
88 16.4 0.0 27.4



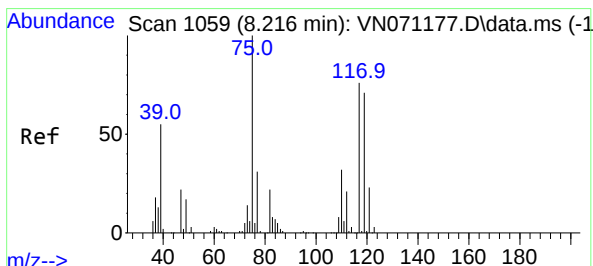
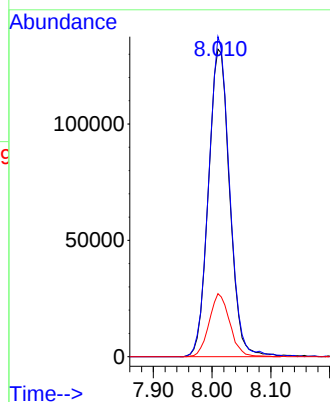
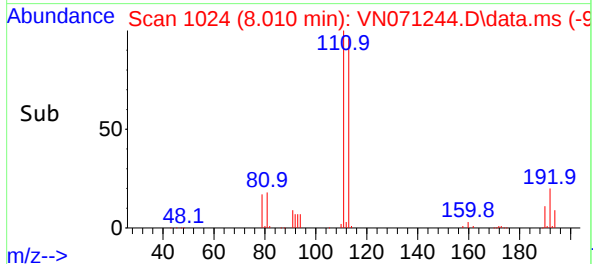


#35
Dibromofluoromethane
Concen: 44.811 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.012 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

Instrument :
MSVOA_N
ClientSampleId :

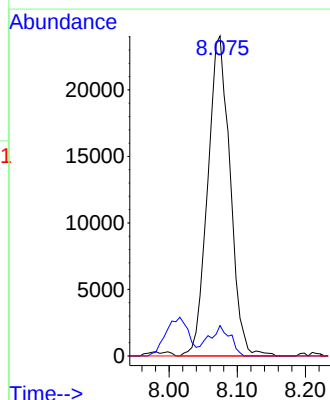
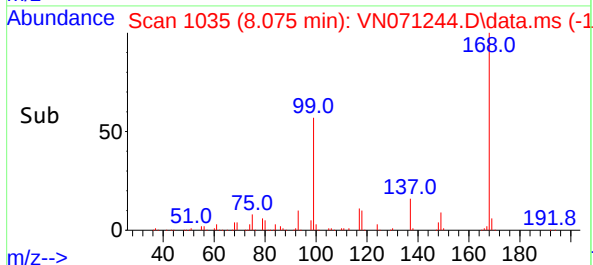
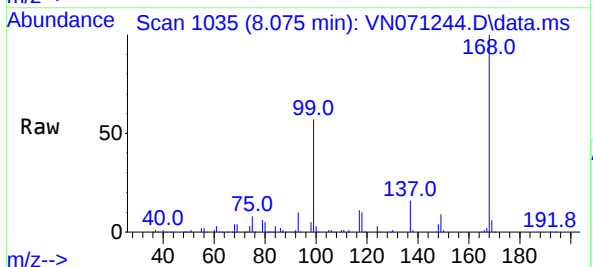


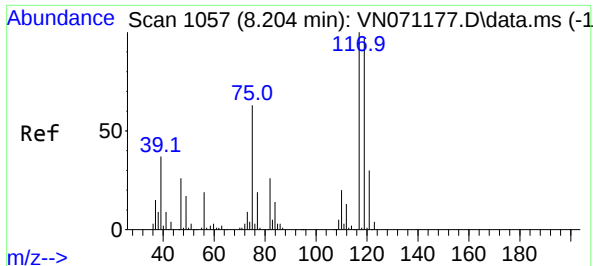
Tgt Ion:113 Resp: 331205
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.645 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.141 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

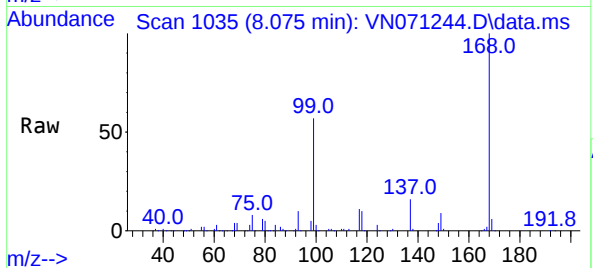
Tgt Ion: 75 Resp: 55003
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.4 36.6#



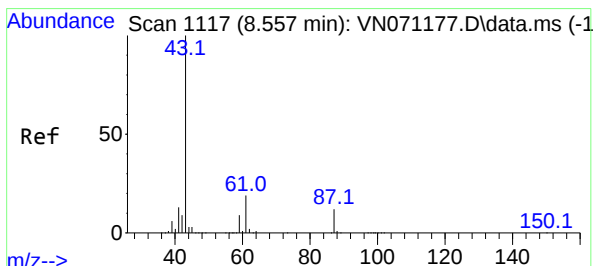
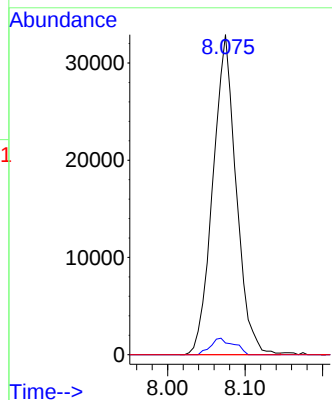
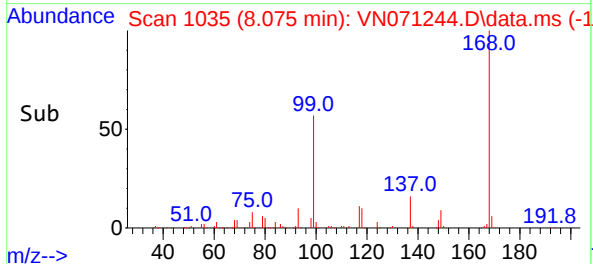


#38
Carbon Tetrachloride
Concen: 6.013 ug/l
RT: 8.075 min Scan# 1105
Delta R.T. -0.129 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

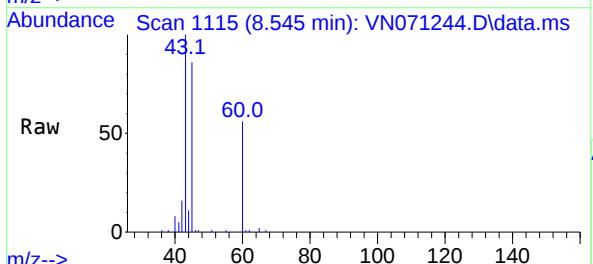
Instrument :
MSVOA_N
ClientSampleId :



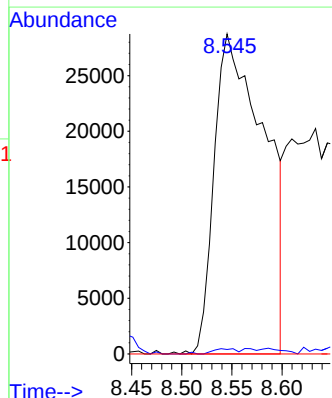
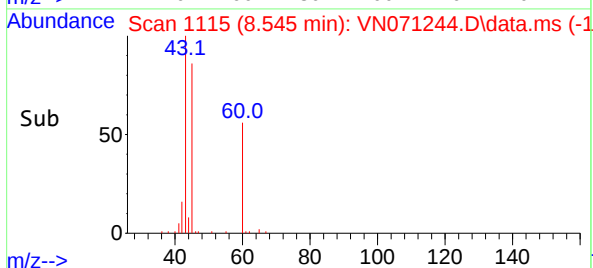
Tgt Ion:117 Resp: 68877
Ion Ratio Lower Upper
117 100
119 3.6 76.1 114.1#
121 0.0 24.2 36.2#

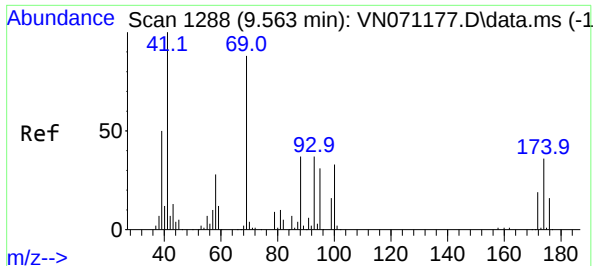


#43
Isopropyl Acetate
Concen: 4.109 ug/l
RT: 8.545 min Scan# 1115
Delta R.T. -0.012 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42



Tgt Ion: 43 Resp: 100155
Ion Ratio Lower Upper
43 100
61 0.7 20.4 30.6#
87 0.0 11.2 16.8#

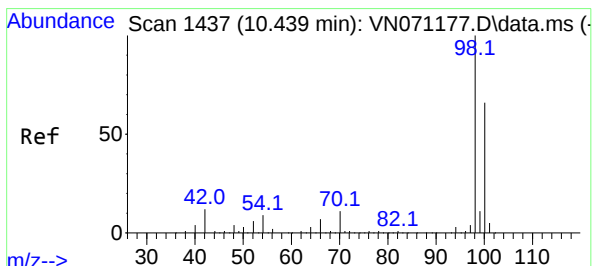
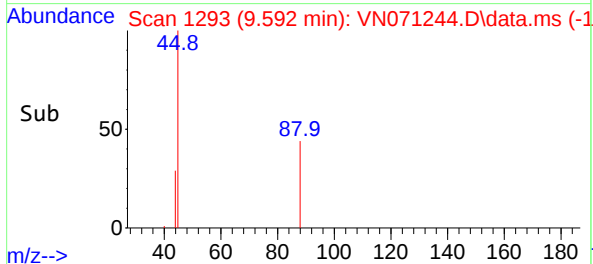
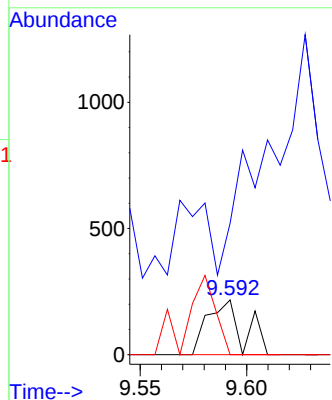
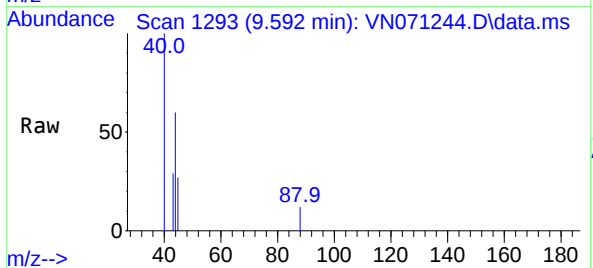




#49
1,4-Dioxane
Concen: 1.279 ug/l
RT: 9.592 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

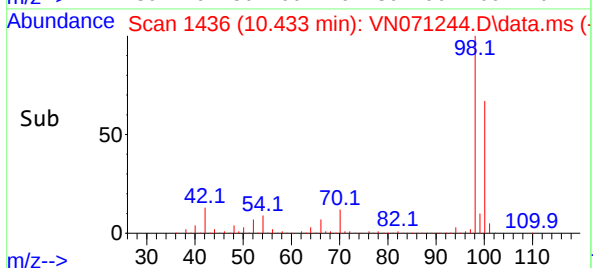
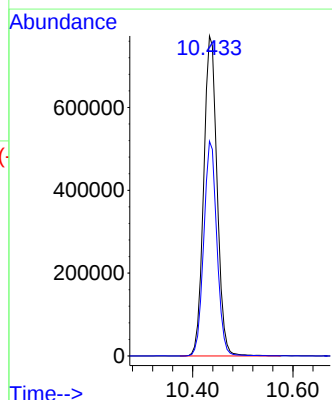
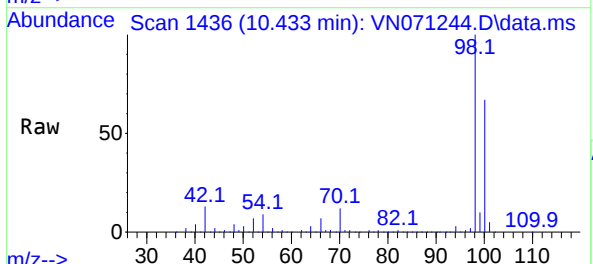
Instrument :
MSVOA_N
ClientSampleId :

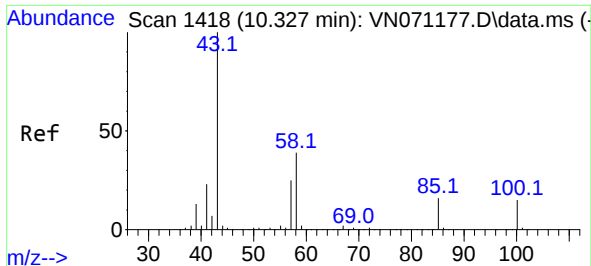
Tgt Ion: 88 Resp: 251
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 119.9 50.6 75.8#



#50
Toluene-d8
Concen: 48.210 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

Tgt Ion: 98 Resp: 1434683
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 0.290 ug/l

RT: 10.339 min Scan# 1418

Delta R.T. 0.012 min

Lab File: VN071244.D

Acq: 11 Mar 2022 12:42

Instrument :

MSVOA_N

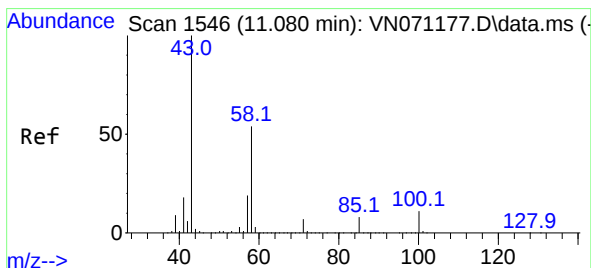
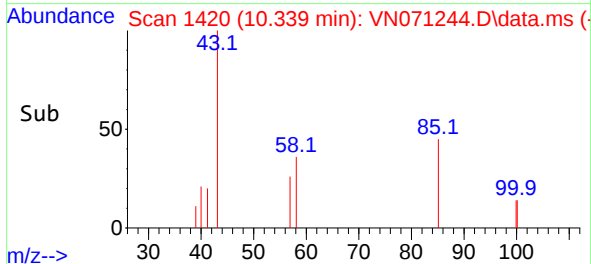
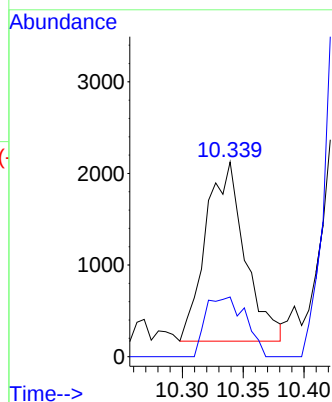
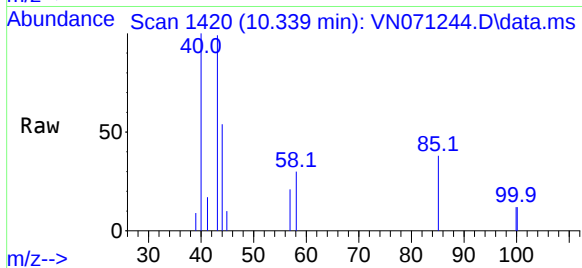
ClientSampleId :

Tgt Ion: 43 Resp: 4393

Ion Ratio Lower Upper

43 100

58 33.9 30.4 45.6



#59

2-Hexanone

Concen: 0.943 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.006 min

Lab File: VN071244.D

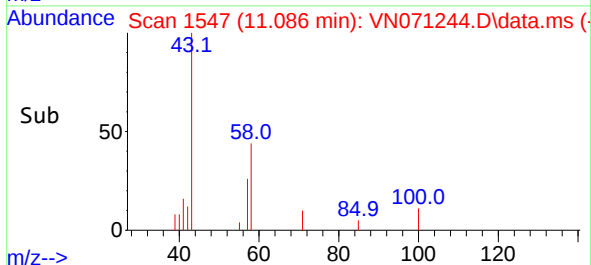
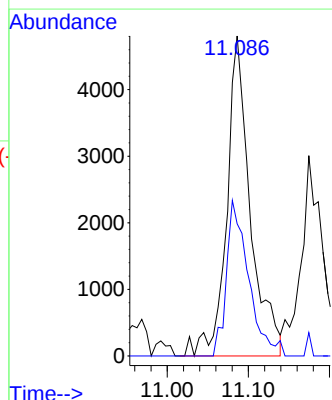
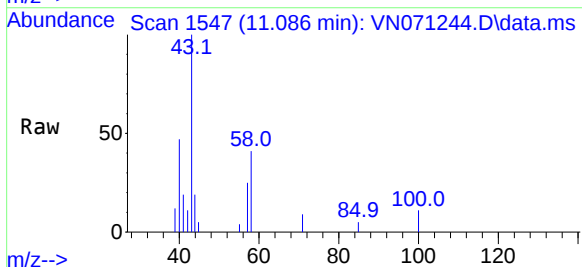
Acq: 11 Mar 2022 12:42

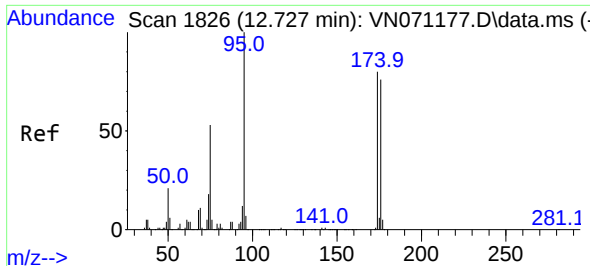
Tgt Ion: 43 Resp: 9727

Ion Ratio Lower Upper

43 100

58 45.5 26.9 80.7

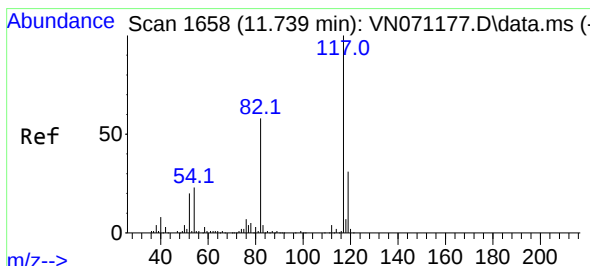
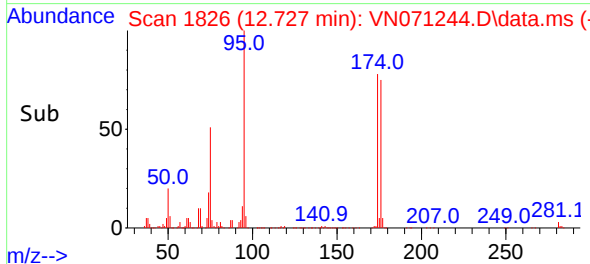
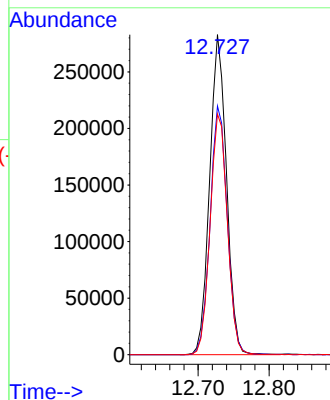
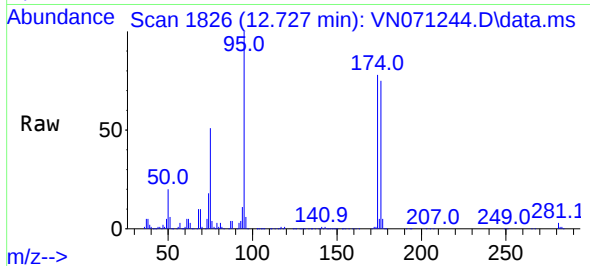




#62
4-Bromofluorobenzene
Concen: 46.199 ug/l
RT: 12.727 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

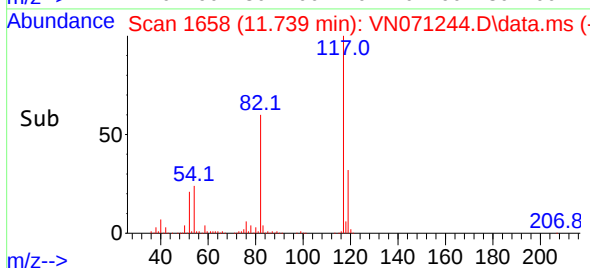
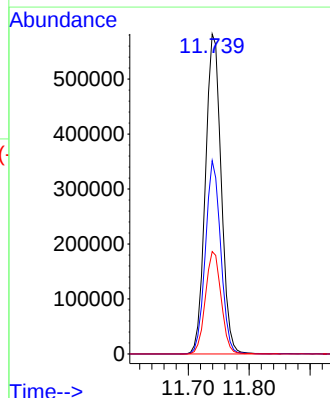
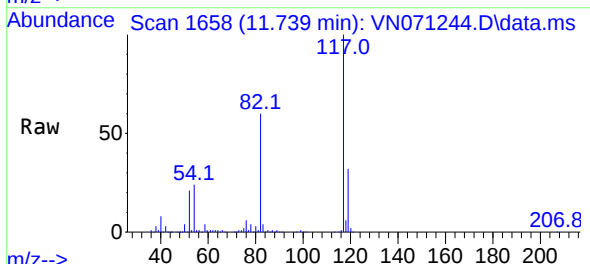
Instrument :
MSVOA_N
ClientSampleId :

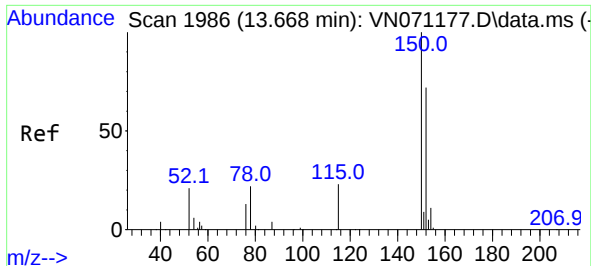
Tgt Ion: 95 Resp: 465555
Ion Ratio Lower Upper
95 100
174 79.1 0.0 187.2
176 77.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

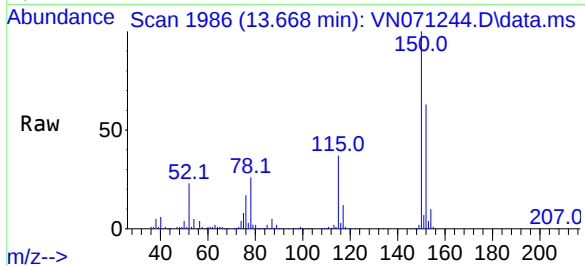
Tgt Ion: 117 Resp: 1047769
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 32.0 25.4 38.2



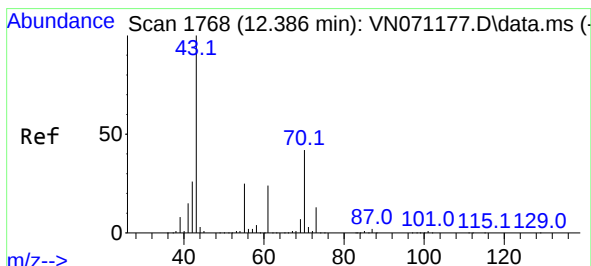
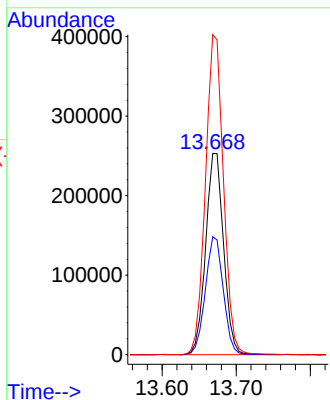
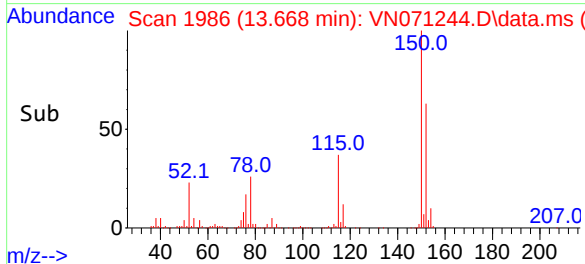


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

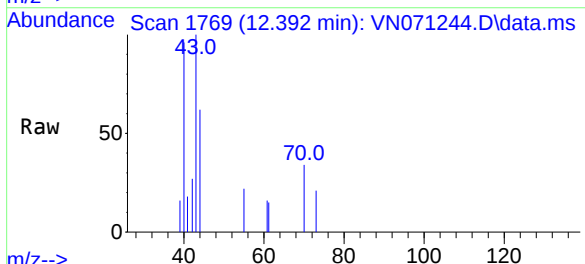
Instrument :
MSVOA_N
ClientSampleId :



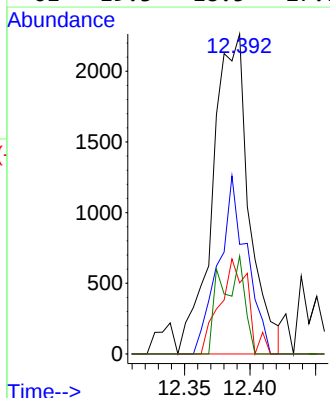
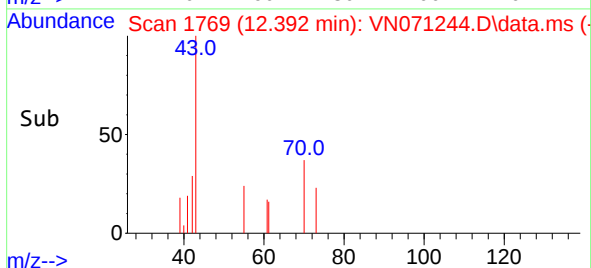
Tgt Ion:152 Resp: 425669
Ion Ratio Lower Upper
152 100
115 58.8 27.5 82.5
150 159.4 0.0 344.4

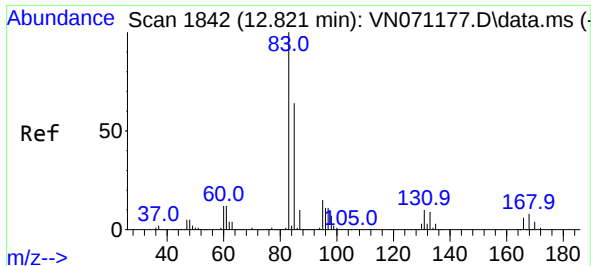


#74
N-ethyl acetate
Concen: 0.283 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42



Tgt Ion: 43 Resp: 4367
Ion Ratio Lower Upper
43 100
70 43.1 33.4 50.0
55 22.8 19.3 28.9
61 19.3 18.5 27.7

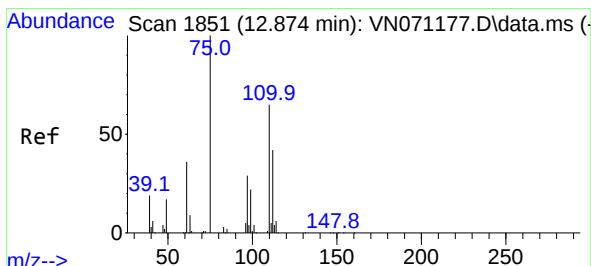
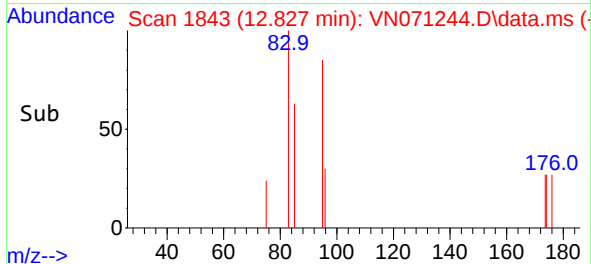
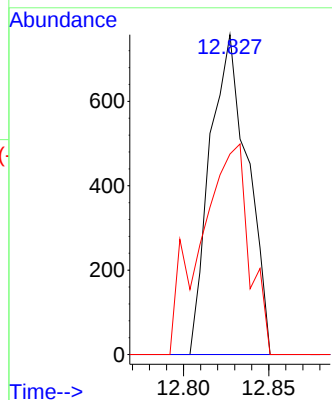
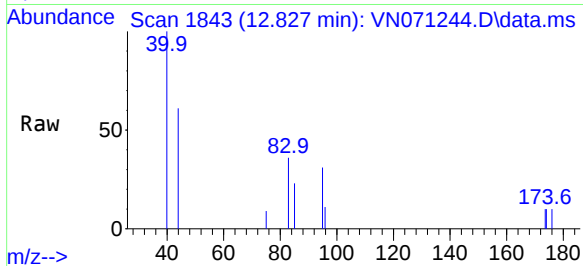




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.827 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

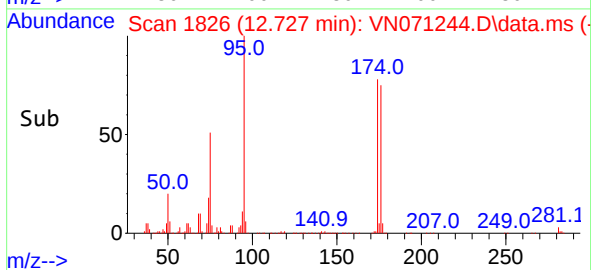
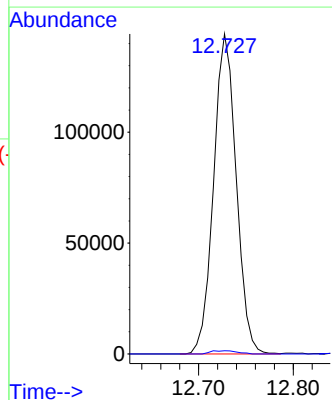
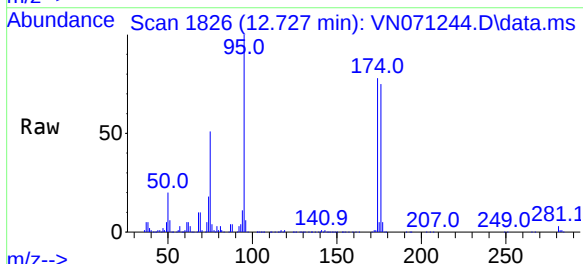
Instrument :
MSVOA_N
ClientSampleId :

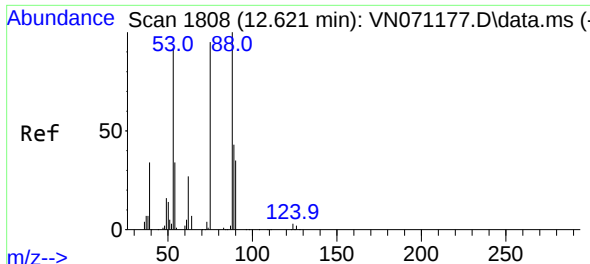
Tgt Ion: 83 Resp: 1167
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 84.6 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 21.627 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

Tgt Ion: 75 Resp: 239641
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

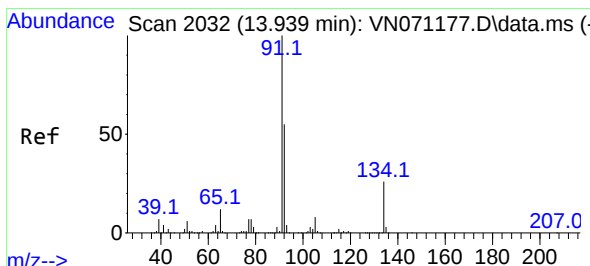
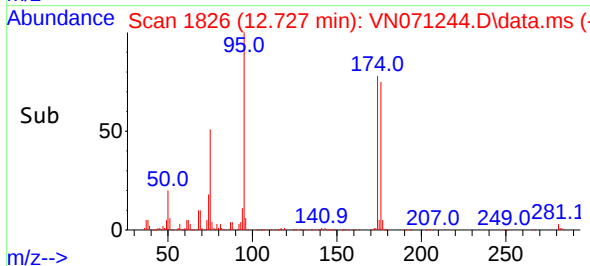
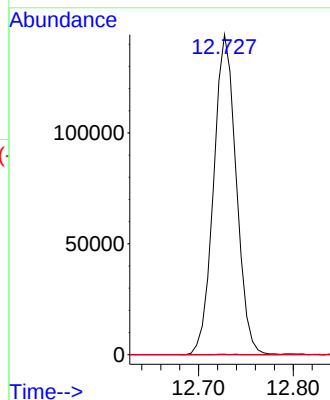
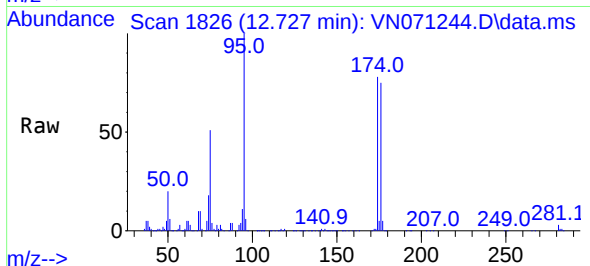




#81
trans-1,4-Dichloro-2-butene
Concen: 60.857 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

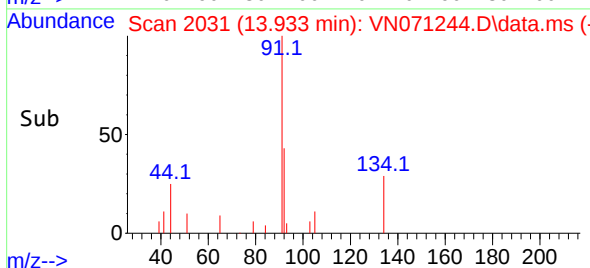
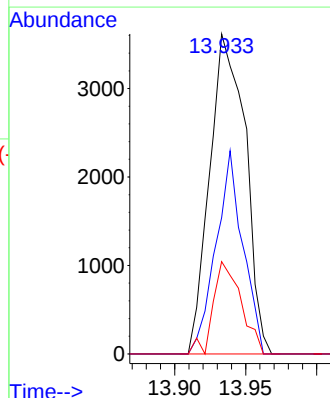
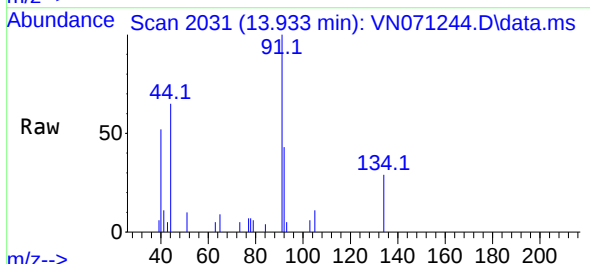
Instrument :
MSVOA_N
ClientSampleId :

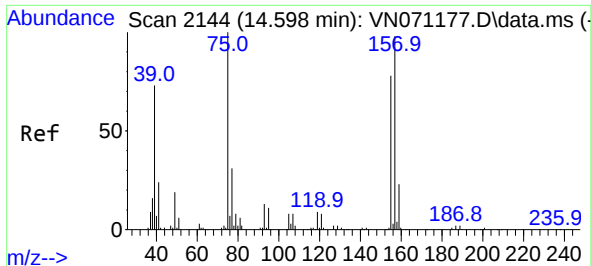
Tgt Ion: 75 Resp: 239641
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#89
n-Butylbenzene
Concen: 0.271 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

Tgt Ion: 91 Resp: 6316
Ion Ratio Lower Upper
91 100
92 48.1 25.4 76.0
134 22.6 13.6 40.8

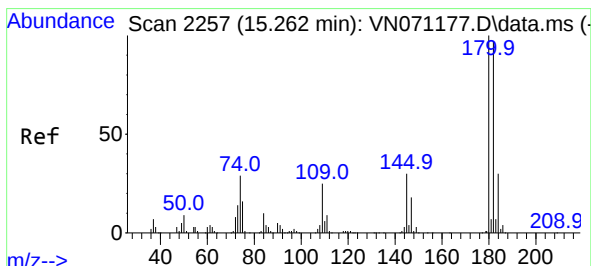
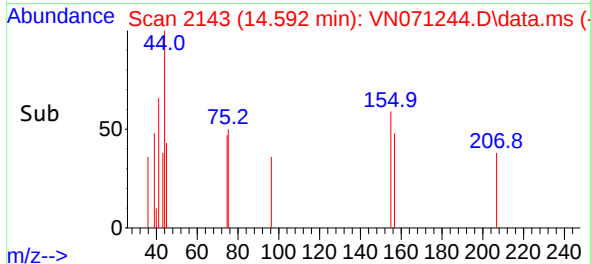
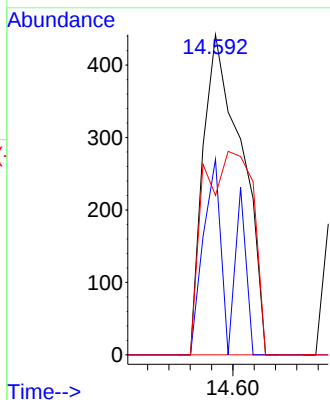
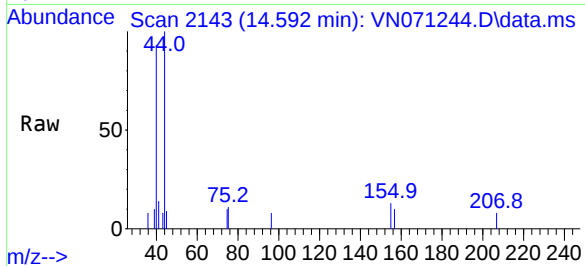




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.233 ug/l
 RT: 14.592 min Scan# 2143
 Delta R.T. -0.006 min
 Lab File: VN071244.D
 Acq: 11 Mar 2022 12:42

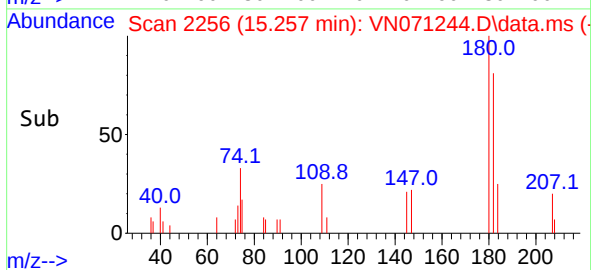
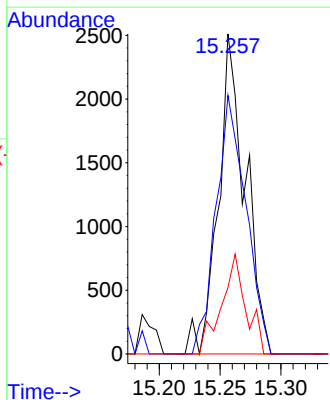
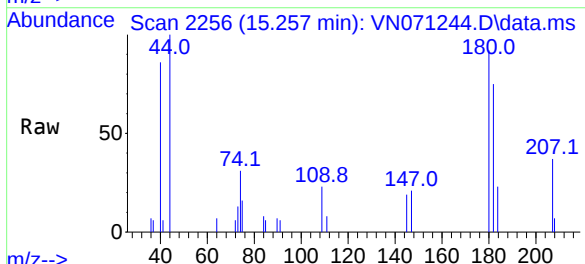
Instrument :
 MSVOA_N
 ClientSampleId :

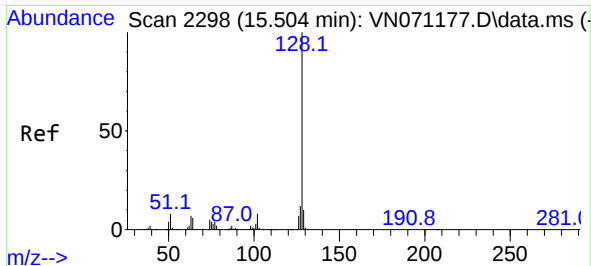
Tgt Ion: 75 Resp: 557
 Ion Ratio Lower Upper
 75 100
 155 42.0 46.9 140.7#
 157 81.0 60.6 181.7



#93
 1,2,4-Trichlorobenzene
 Concen: 3.508 ug/l
 RT: 15.257 min Scan# 2256
 Delta R.T. -0.005 min
 Lab File: VN071244.D
 Acq: 11 Mar 2022 12:42

Tgt Ion: 180 Resp: 3849
 Ion Ratio Lower Upper
 180 100
 182 90.3 48.3 144.9
 145 28.5 14.5 43.5

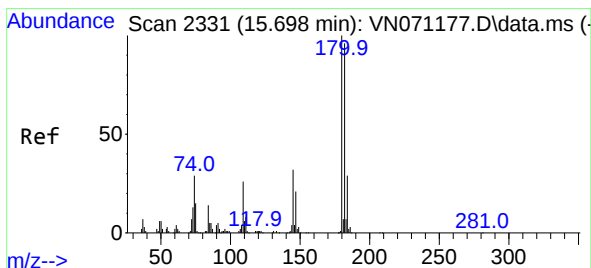
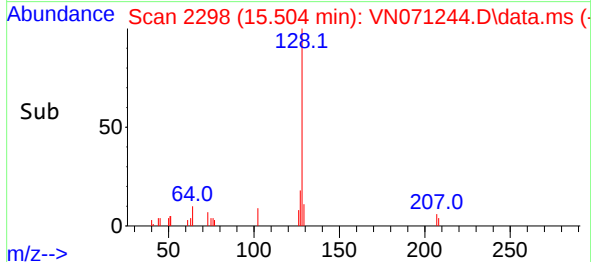
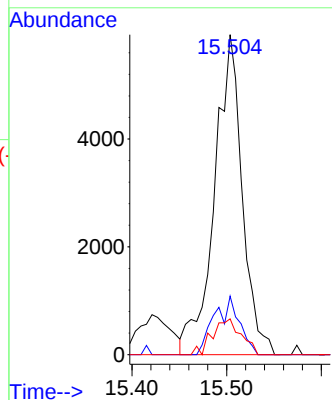
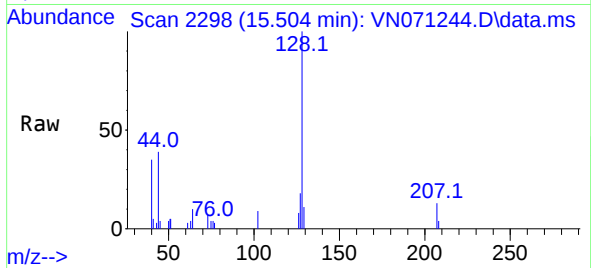




#95
Naphthalene
Concen: 5.624 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 12090
Ion Ratio Lower Upper
128 100
127 8.4 10.5 15.7#
129 11.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.355 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071244.D
Acq: 11 Mar 2022 12:42

Tgt Ion:180 Resp: 4407
Ion Ratio Lower Upper
180 100
182 87.1 47.4 142.2
145 36.8 15.0 45.1

