

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030322\
 Data File : VN071157.D
 Acq On : 03 Mar 2022 16:46
 Operator : JC\MD
 Sample : N1750-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2-Q4

Quant Time: Mar 04 01:15:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

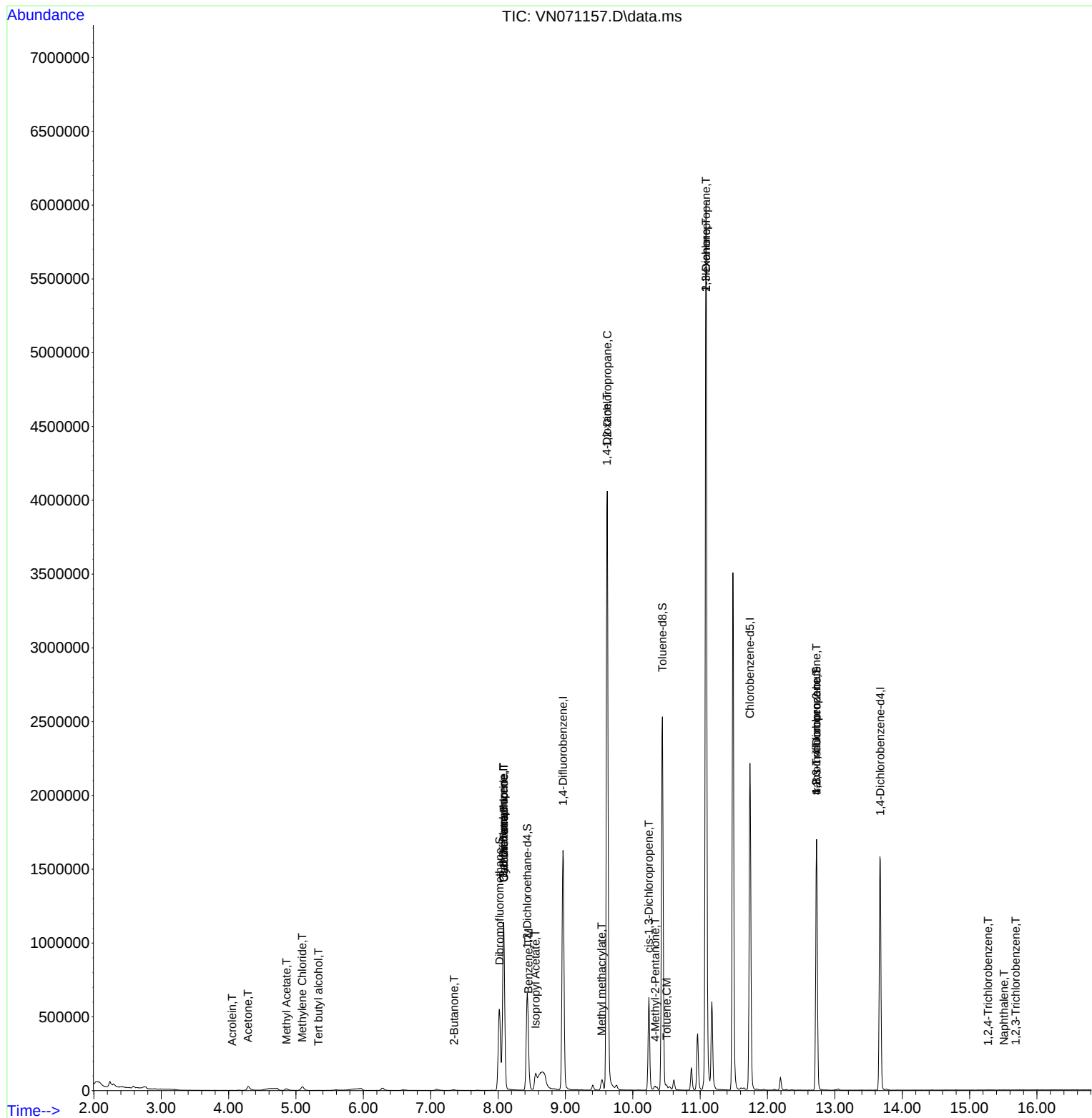
Internal Standards						
1) Pentafluorobenzene	8.081	168	872443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1426732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1287850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	446891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	531257	53.307	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.620%			
35) Dibromofluoromethane	8.022	113	410043	48.319	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.640%			
50) Toluene-d8	10.440	98	1747310	51.271	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.540%			
62) 4-Bromofluorobenzene	12.728	95	593175	48.694	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.380%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.334	59	385	0.212	ug/l #	71
13) Acrolein	4.052	56	540	0.333	ug/l #	43
16) Acetone	4.287	43	47090	8.580	ug/l	91
18) Methyl Acetate	4.858	43	26420	1.615	ug/l	91
20) Methylene Chloride	5.093	84	19487	1.954	ug/l	97
25) 2-Butanone	7.346	43	9630	1.319	ug/l	95
31) Cyclohexane	8.087	56	17965	1.042	ug/l #	7
36) 1,1-Dichloropropene	8.081	75	67787	4.876	ug/l #	49
38) Carbon Tetrachloride	8.087	117	84538	6.171	ug/l #	16
40) Benzene	8.451	78	28630	0.696	ug/l	100
43) Isopropyl Acetate	8.557	43	132341	5.631	ug/l #	77
45) 1,2-Dichloropropane	9.622	63	5029	0.477	ug/l #	44
48) Methyl methacrylate	9.540	41	21487	1.931	ug/l #	8
49) 1,4-Dioxane	9.616	88	649	3.285	ug/l #	1
51) 4-Methyl-2-Pentanone	10.334	43	16644	1.164	ug/l	97
52) Toluene	10.504	92	8871	0.343	ug/l	98
54) cis-1,3-Dichloropropene	10.240	75	107348	6.416	ug/l #	59
57) 1,3-Dichloropropane	11.087	76	64159	3.667	ug/l #	43
59) 2-Hexanone	11.087	43	971324	98.766	ug/l #	50
76) 1,2,3-Trichloropropane	12.728	75	307010	29.178	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	307010	94.549	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.275	180	351	2.040	ug/l	81
95) Naphthalene	15.510	128	1276	5.047	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.686	180	280	2.551	ug/l #	12

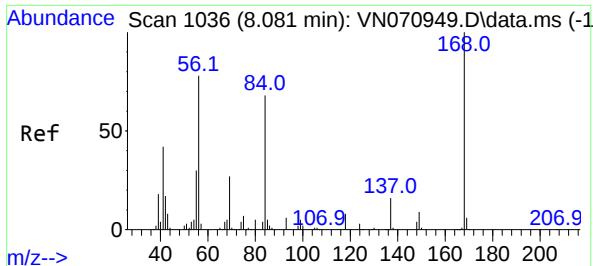
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030322\
Data File : VN071157.D
Acq On : 03 Mar 2022 16:46
Operator : JC\MD
Sample : N1750-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

Quant Time: Mar 04 01:15:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

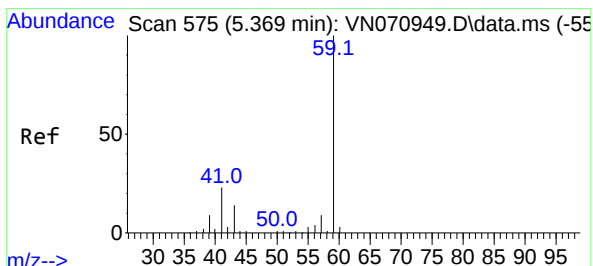
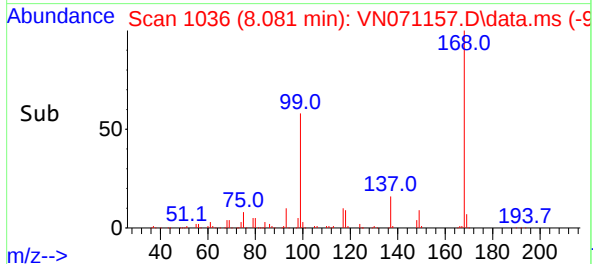
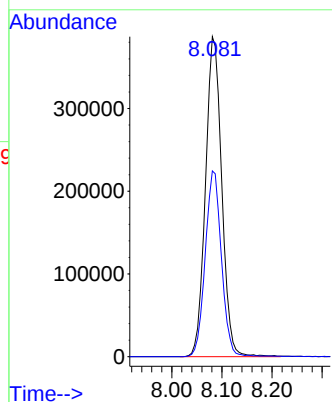
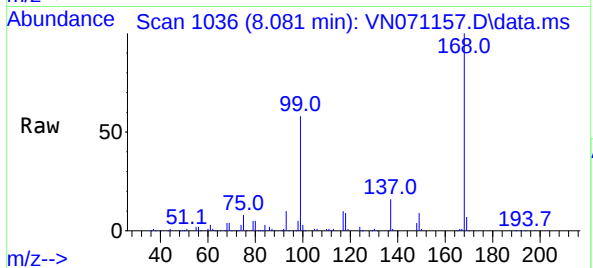




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

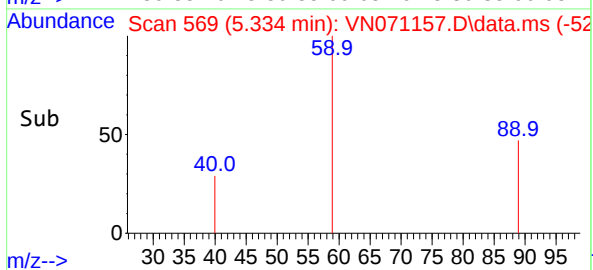
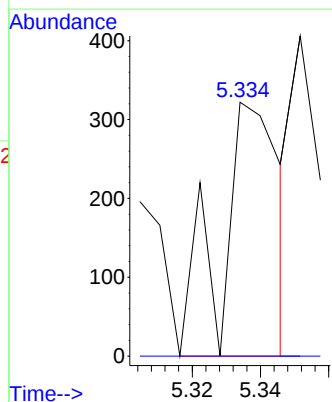
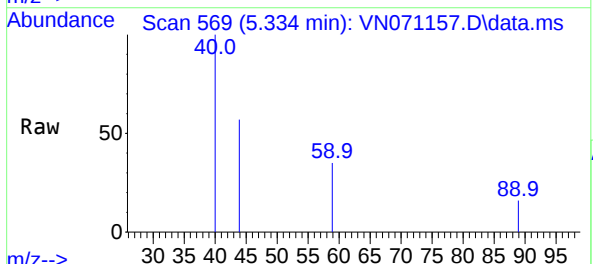
Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

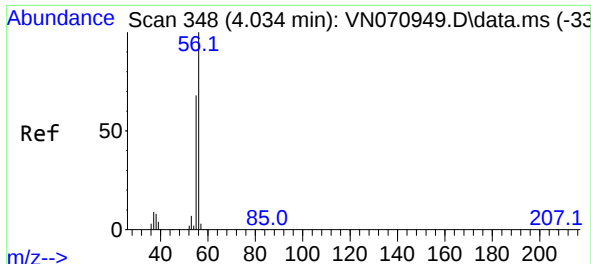
Tgt Ion:168 Resp: 872443
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#11
Tert butyl alcohol
Concen: 0.212 ug/l
RT: 5.334 min Scan# 569
Delta R.T. -0.035 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion: 59 Resp: 385
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

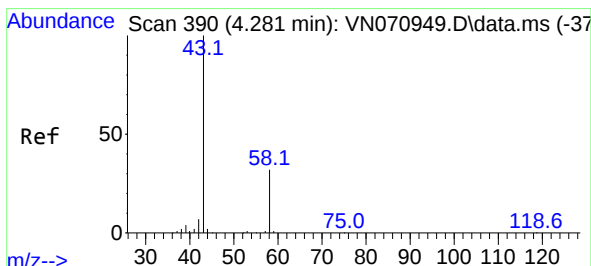
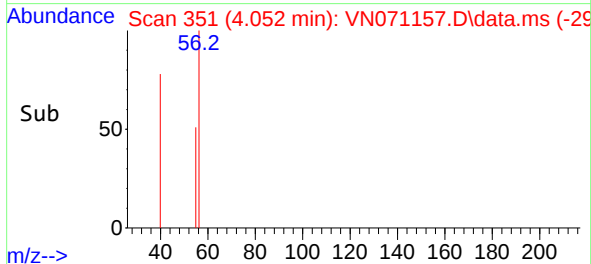
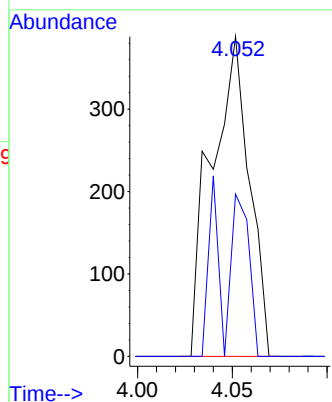
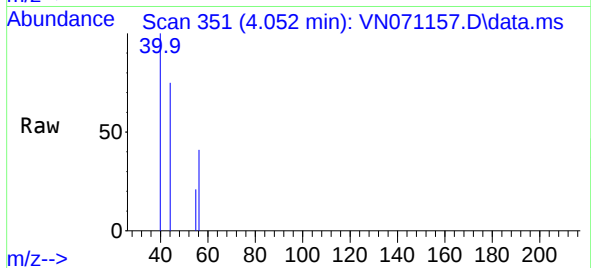




#13
Acrolein
Concen: 0.333 ug/l
RT: 4.052 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

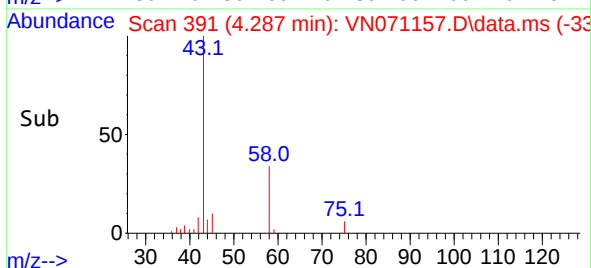
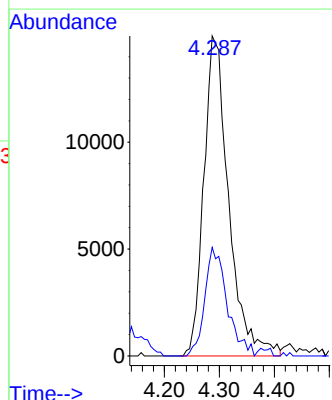
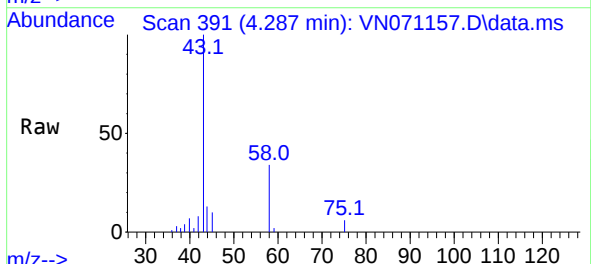
Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

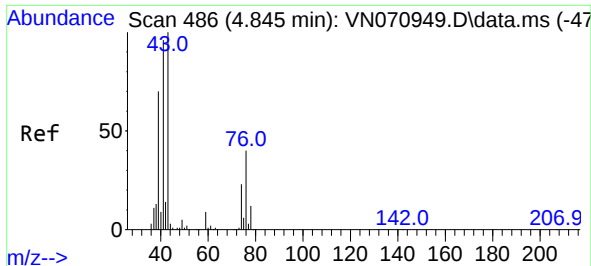
Tgt Ion: 56 Resp: 540
Ion Ratio Lower Upper
56 100
55 23.7 56.6 85.0#



#16
Acetone
Concen: 8.580 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion: 43 Resp: 47090
Ion Ratio Lower Upper
43 100
58 33.9 23.1 34.7

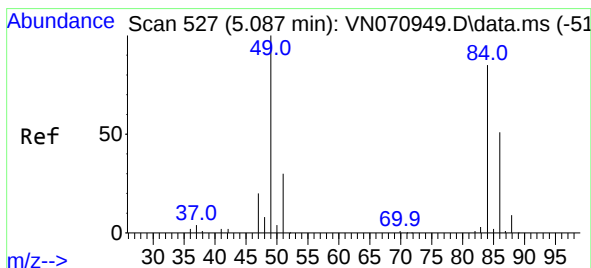
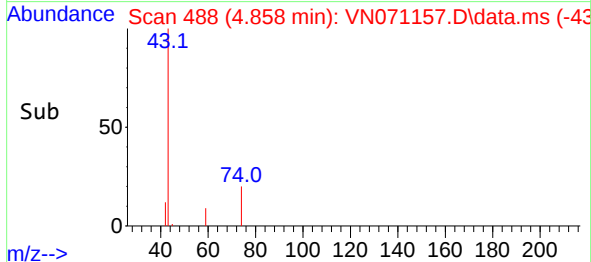
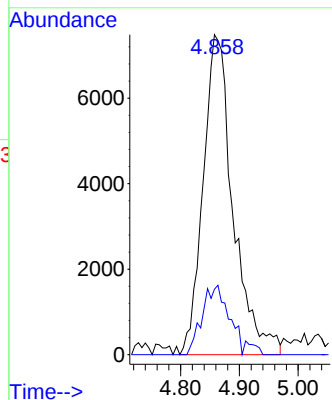
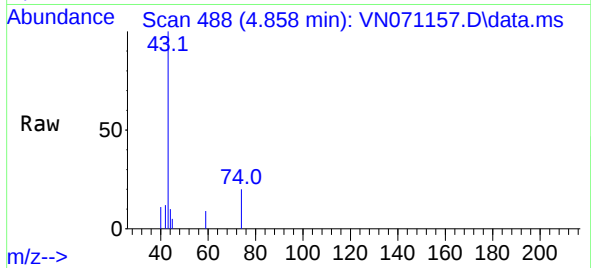




#18
Methyl Acetate
Concen: 1.615 ug/l
RT: 4.858 min Scan# 41
Delta R.T. 0.013 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

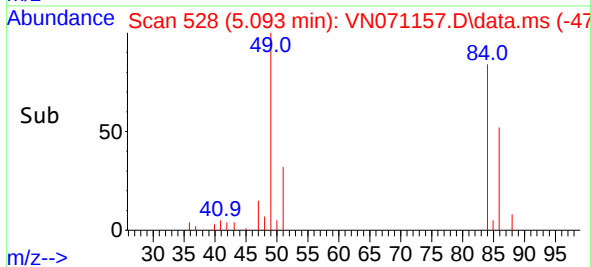
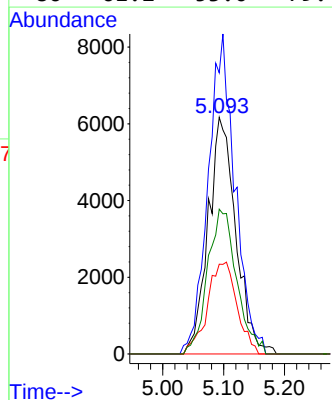
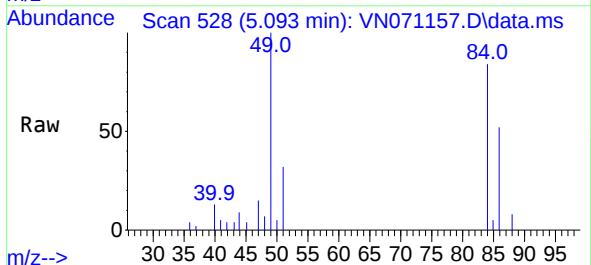
Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

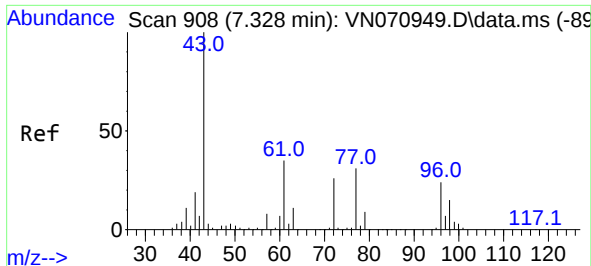
Tgt Ion: 43 Resp: 26420
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2



#20
Methylene Chloride
Concen: 1.954 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion: 84 Resp: 19487
Ion Ratio Lower Upper
84 100
49 118.8 93.5 140.3
51 37.9 29.4 44.2
86 61.2 53.0 79.4

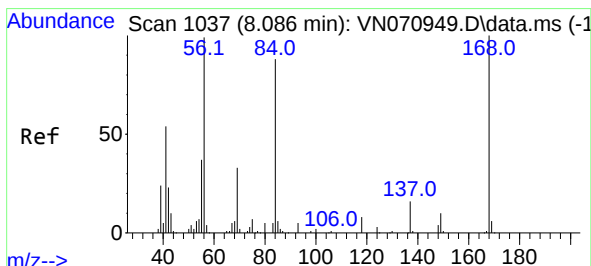
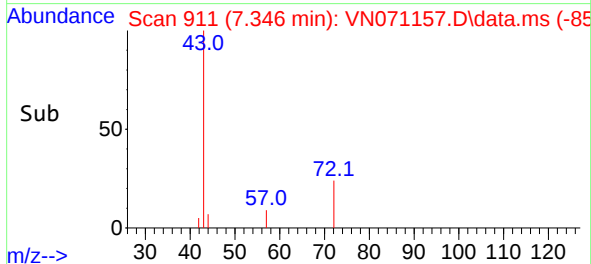
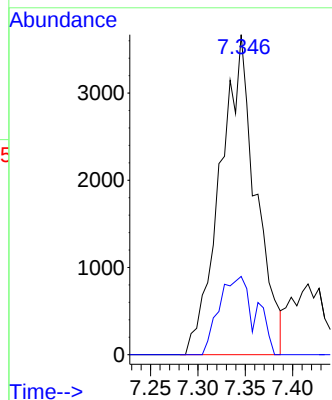
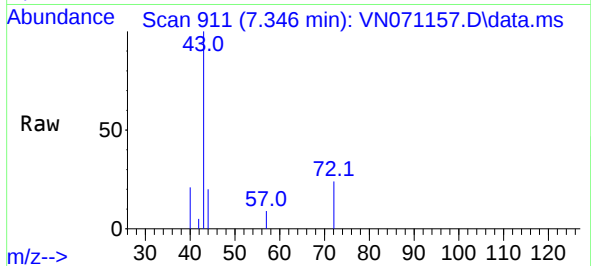




#25
2-Butanone
Concen: 1.319 ug/l
RT: 7.346 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

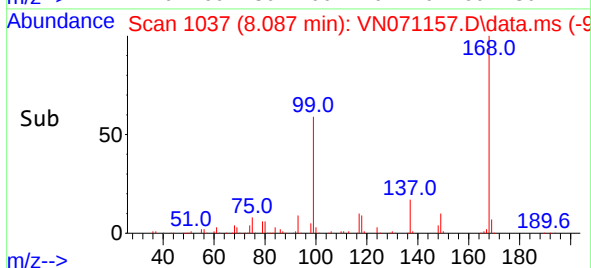
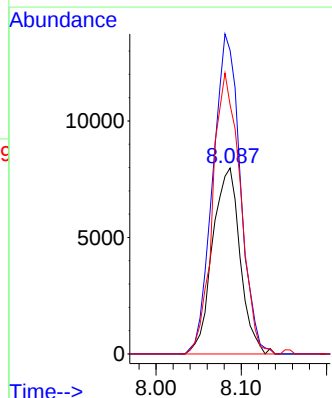
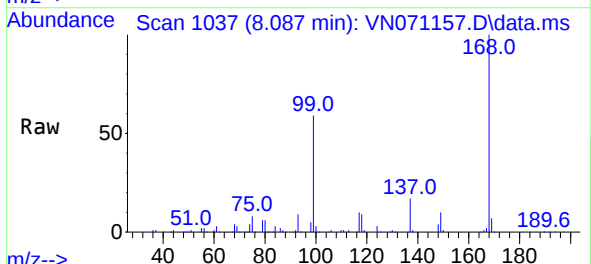
Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

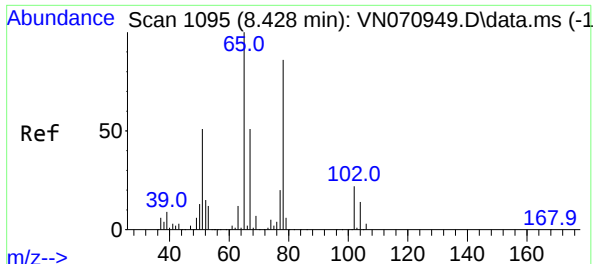
Tgt Ion: 43 Resp: 9630
Ion Ratio Lower Upper
43 100
72 24.5 21.7 32.5



#31
Cyclohexane
Concen: 1.042 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion: 56 Resp: 17965
Ion Ratio Lower Upper
56 100
69 163.3 27.1 40.7#
84 133.9 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 53.307 ug/l

RT: 8.434 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071157.D

Acq: 03 Mar 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

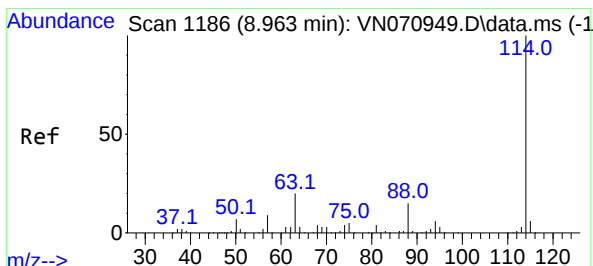
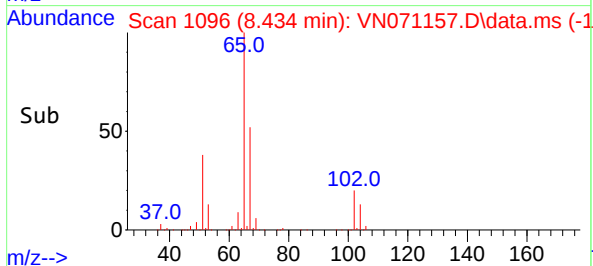
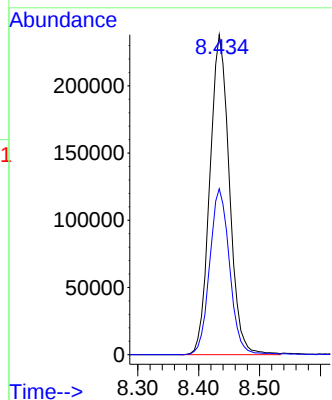
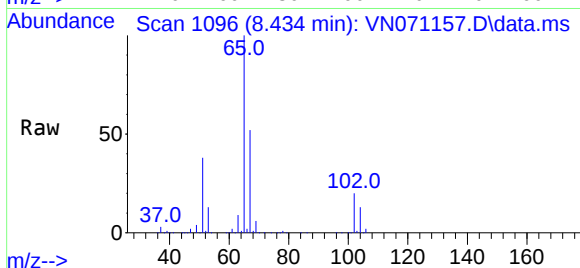
WC-2-Q4

Tgt Ion: 65 Resp: 531257

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071157.D

Acq: 03 Mar 2022 16:46

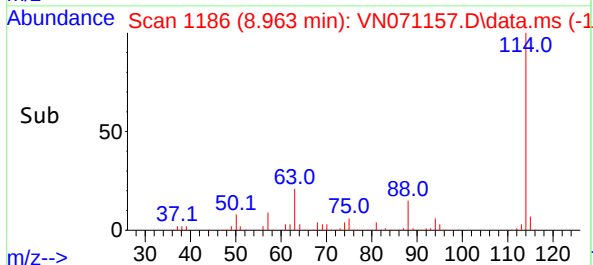
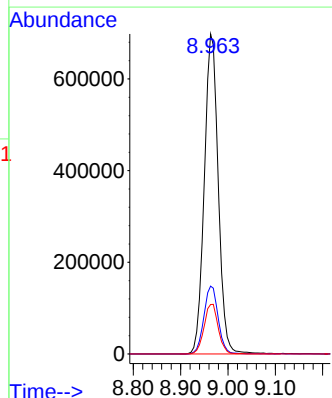
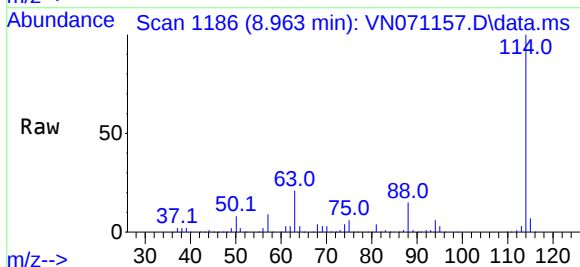
Tgt Ion: 114 Resp: 1426732

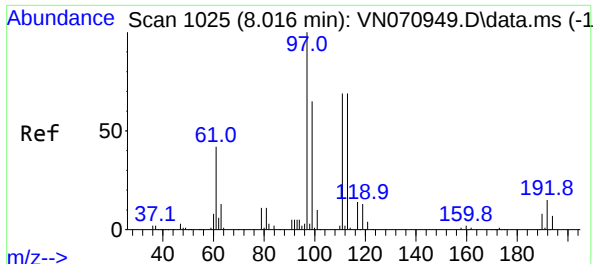
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

88 15.4 0.0 27.4

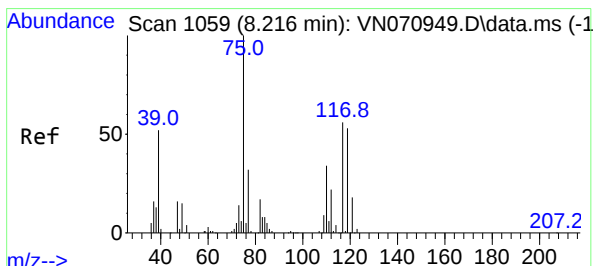
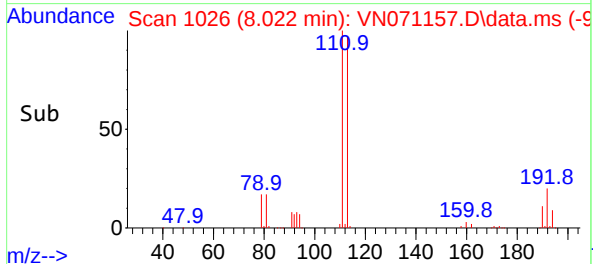
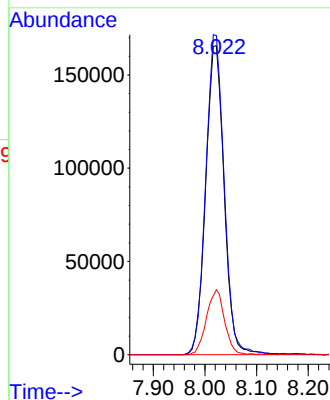
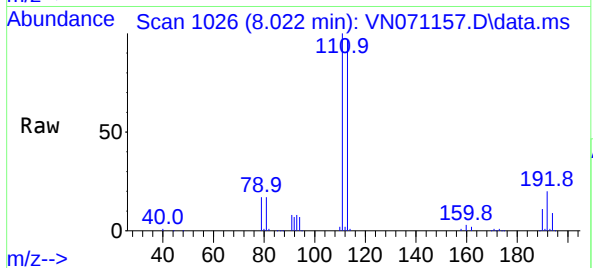




#35
Dibromofluoromethane
Concen: 48.319 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

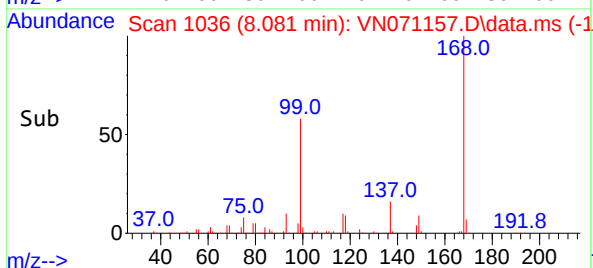
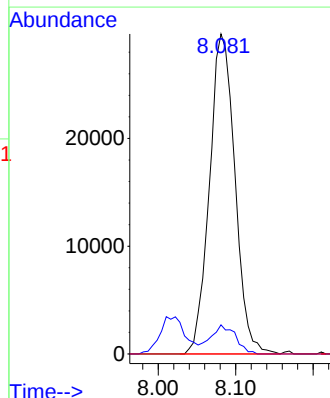
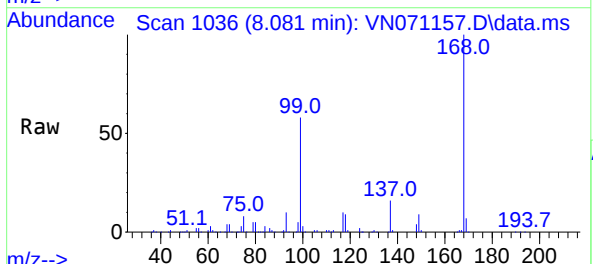
Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

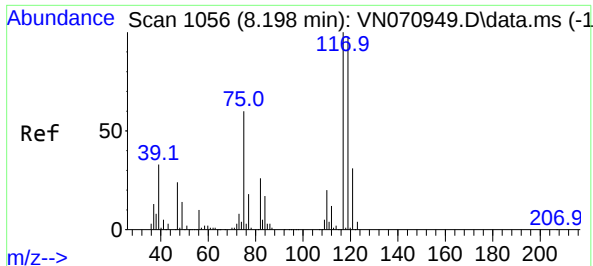
Tgt Ion:113 Resp: 410043
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 20.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion: 75 Resp: 67787
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.4 36.6#

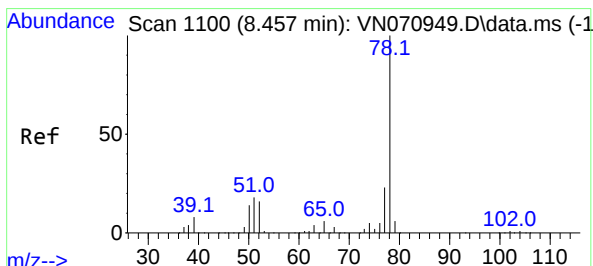
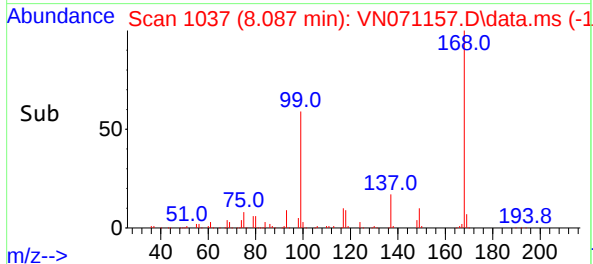
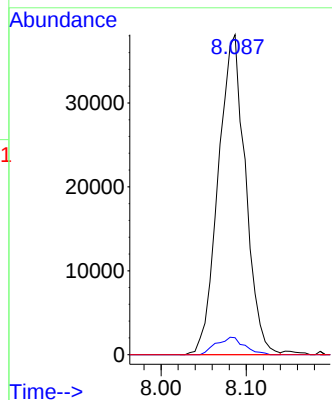
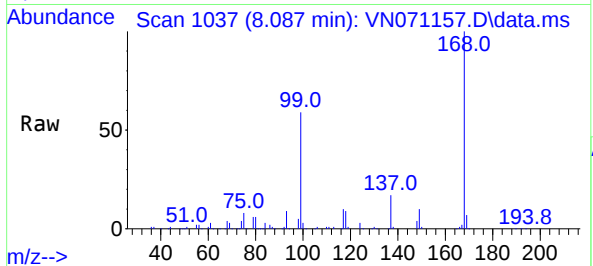




#38
Carbon Tetrachloride
Concen: 6.171 ug/l
RT: 8.087 min Scan# 1099
Delta R.T. -0.111 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

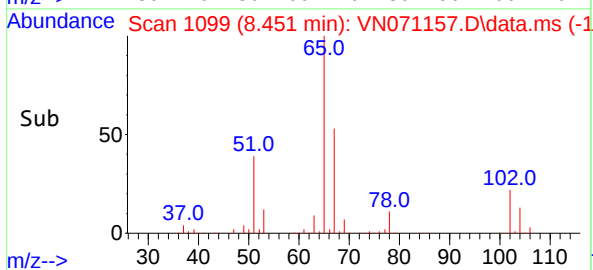
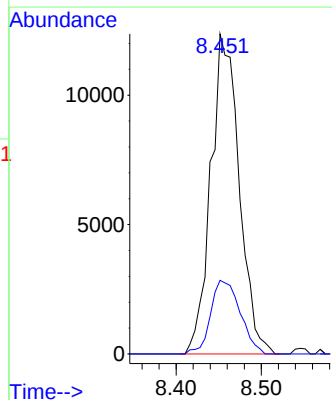
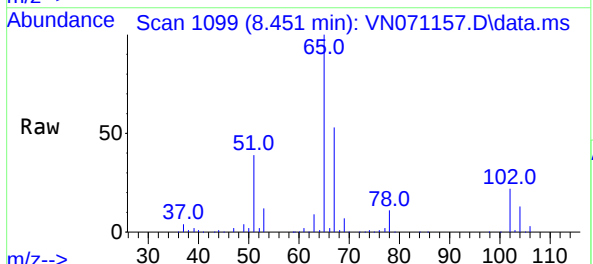
Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

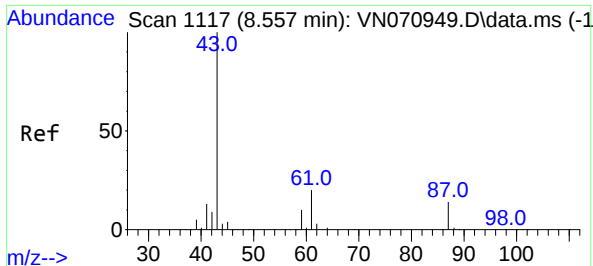
Tgt Ion:117 Resp: 84538
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.696 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion: 78 Resp: 28630
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8

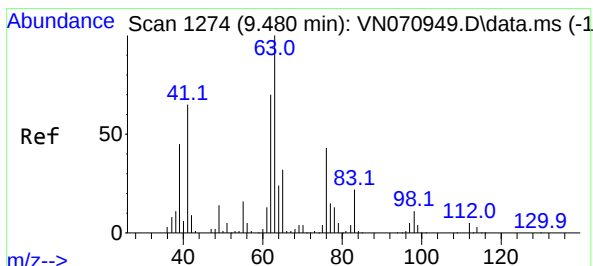
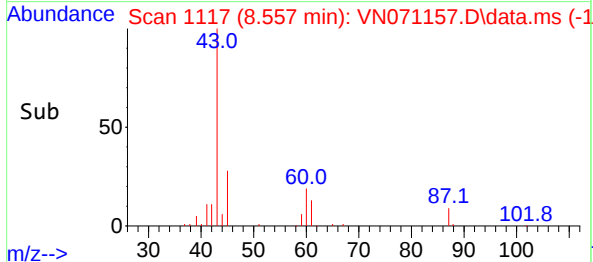
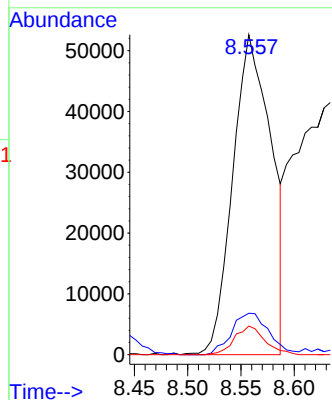
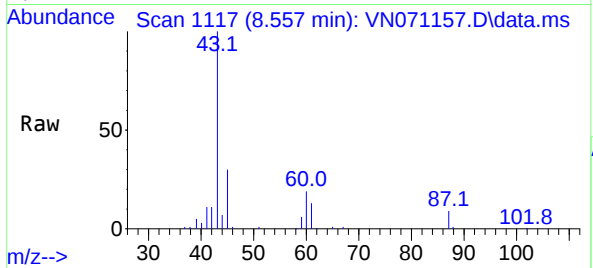




#43
Isopropyl Acetate
Concen: 5.631 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

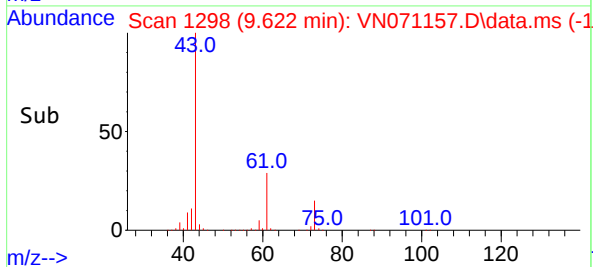
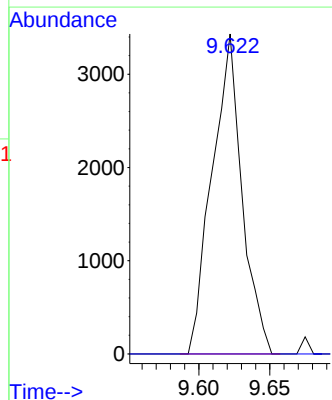
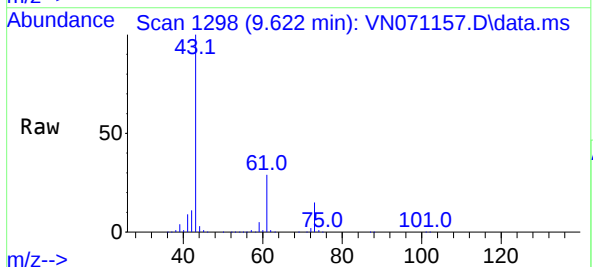
Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

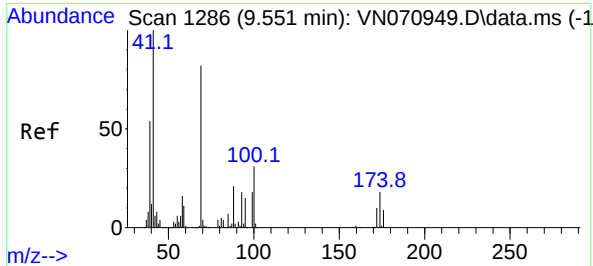
Tgt Ion: 43 Resp: 132341
Ion Ratio Lower Upper
43 100
61 12.6 20.4 30.6#
87 7.0 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 0.477 ug/l
RT: 9.622 min Scan# 1298
Delta R.T. 0.141 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion: 63 Resp: 5029
Ion Ratio Lower Upper
63 100
65 0.0 24.7 37.1#

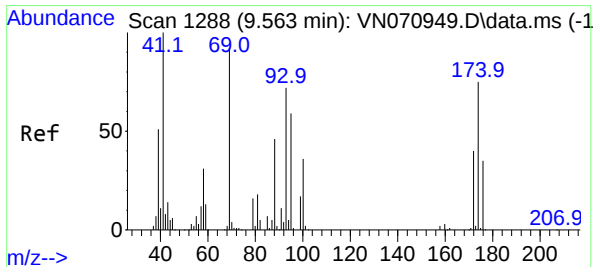
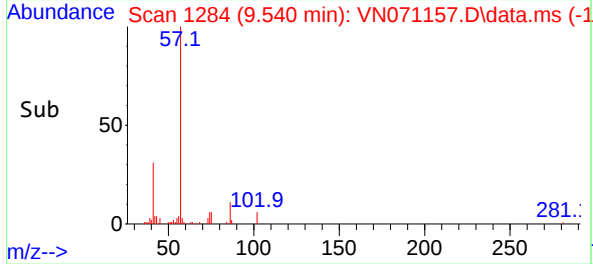
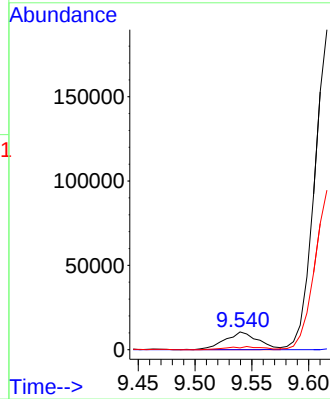
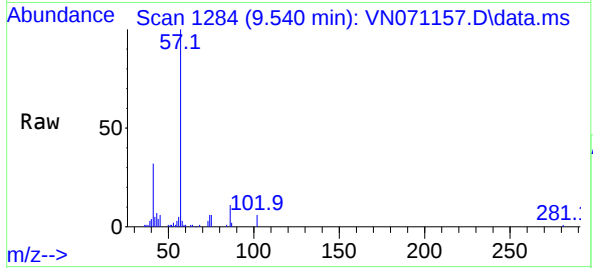




#48
Methyl methacrylate
Concen: 1.931 ug/l
RT: 9.540 min Scan# 1284
Delta R.T. -0.011 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

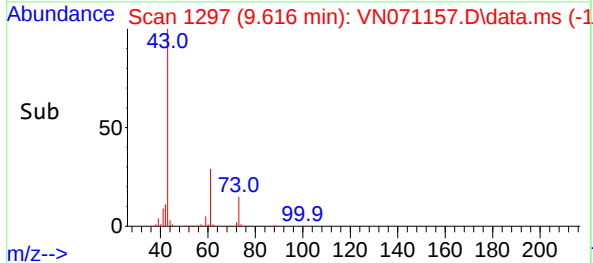
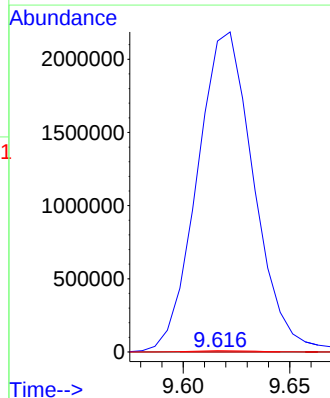
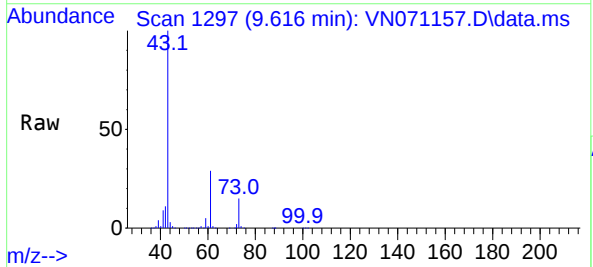
Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

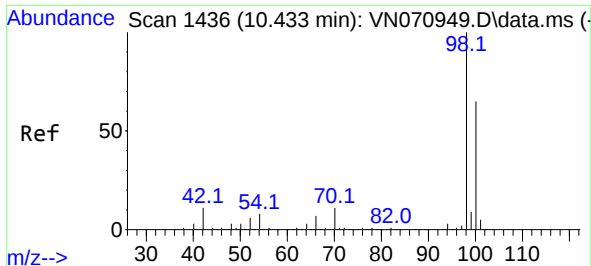
Tgt Ion: 41 Resp: 21487
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 0.0 58.4 87.6#



#49
1,4-Dioxane
Concen: 3.285 ug/l
RT: 9.616 min Scan# 1297
Delta R.T. 0.053 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion: 88 Resp: 649
Ion Ratio Lower Upper
88 100
43 633341.3 23.4 35.2#
58 2647.9 50.6 75.8#

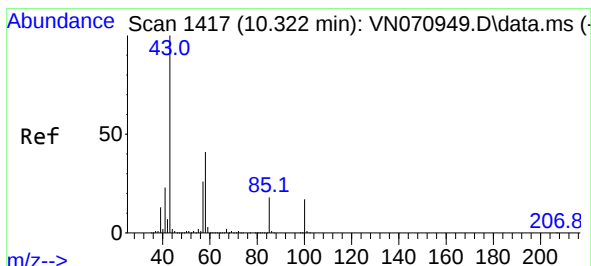
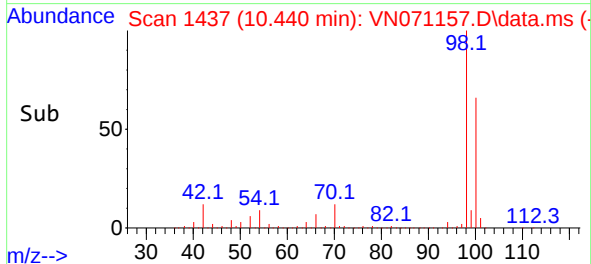
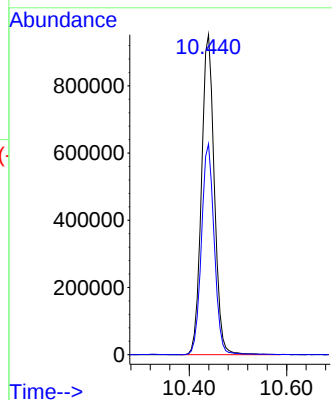
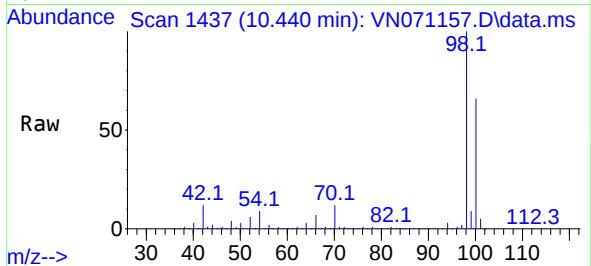




#50
Toluene-d8
Concen: 51.271 ug/l
RT: 10.440 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

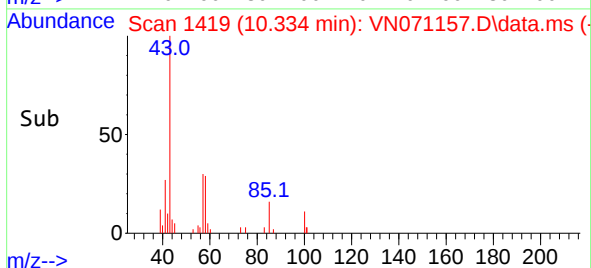
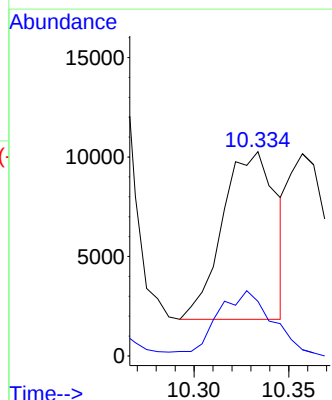
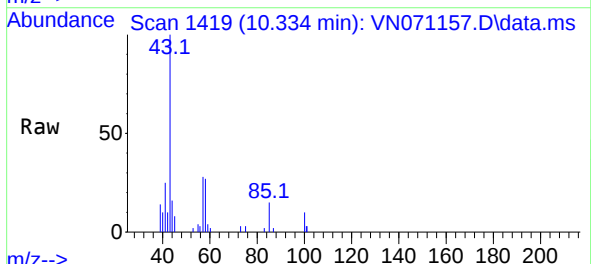
Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

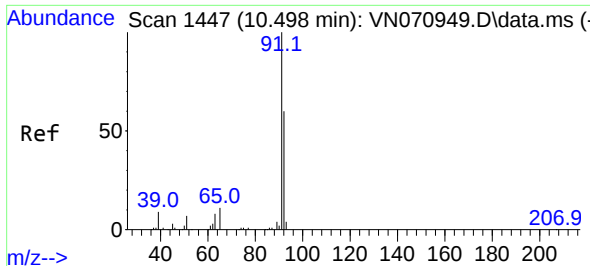
Tgt Ion: 98 Resp: 1747310
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.164 ug/l
RT: 10.334 min Scan# 1419
Delta R.T. 0.012 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion: 43 Resp: 16644
Ion Ratio Lower Upper
43 100
58 40.0 30.4 45.6

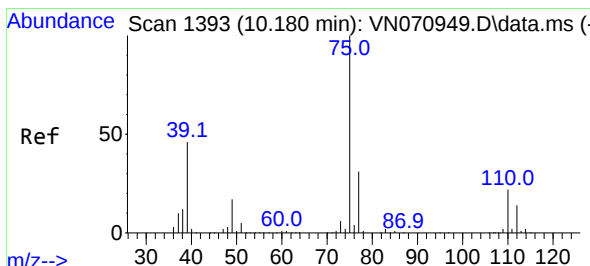
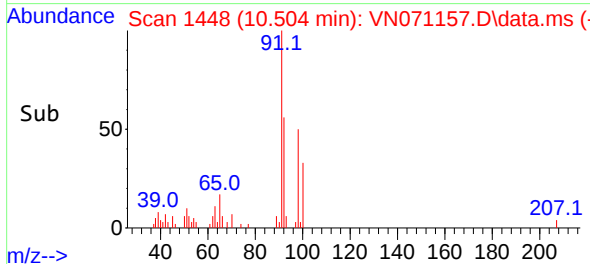
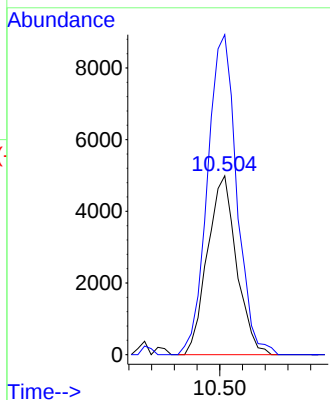
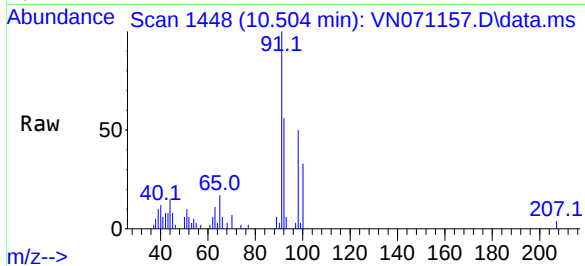




#52
Toluene
Concen: 0.343 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

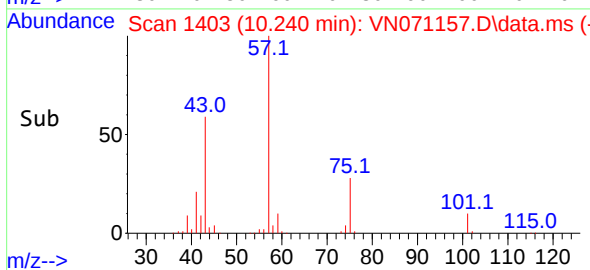
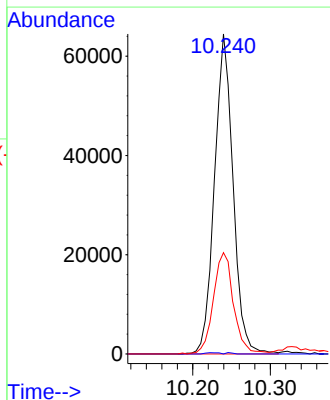
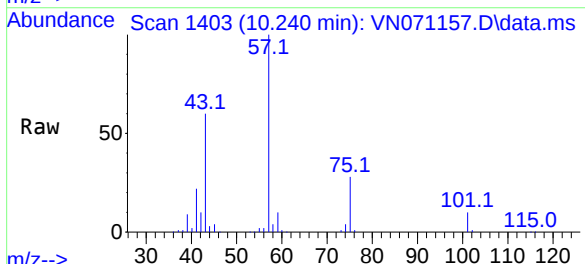
Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

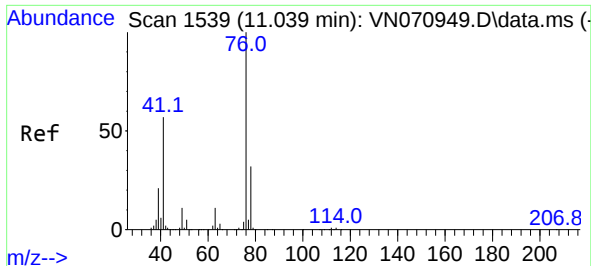
Tgt Ion: 92 Resp: 8871
Ion Ratio Lower Upper
92 100
91 180.2 142.0 213.0



#54
cis-1,3-Dichloropropene
Concen: 6.416 ug/l
RT: 10.240 min Scan# 1403
Delta R.T. 0.059 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion: 75 Resp: 107348
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 31.7 42.5 63.7#





#57

1,3-Dichloropropane

Concen: 3.667 ug/l

RT: 11.087 min Scan# 1547

Delta R.T. 0.047 min

Lab File: VN071157.D

Acq: 03 Mar 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

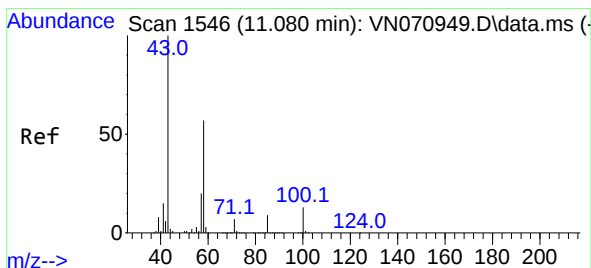
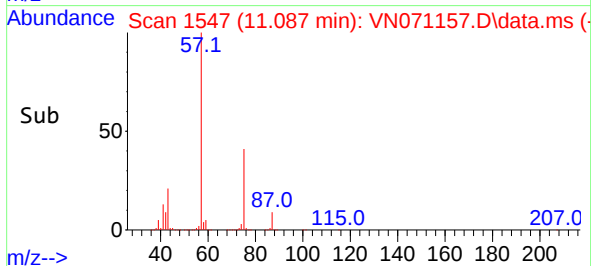
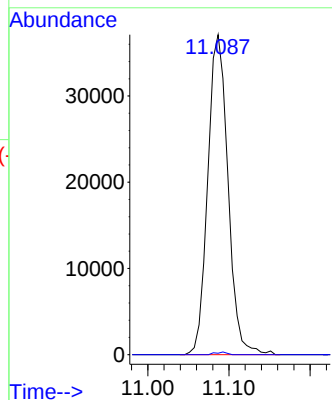
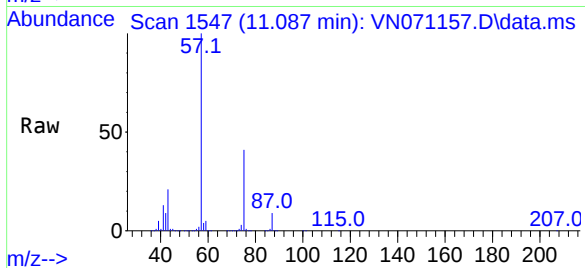
WC-2-Q4

Tgt Ion: 76 Resp: 64159

Ion Ratio Lower Upper

76 100

78 0.5 25.7 38.5#



#59

2-Hexanone

Concen: 98.766 ug/l

RT: 11.087 min Scan# 1547

Delta R.T. 0.007 min

Lab File: VN071157.D

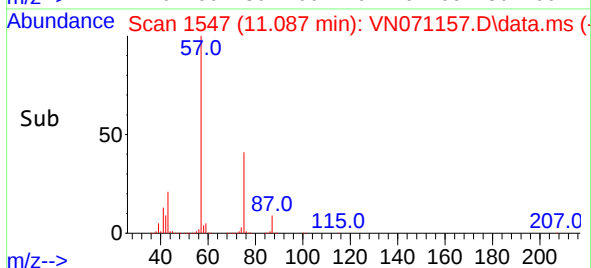
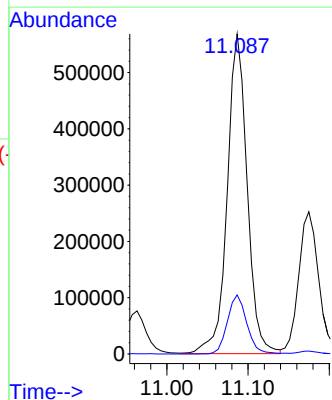
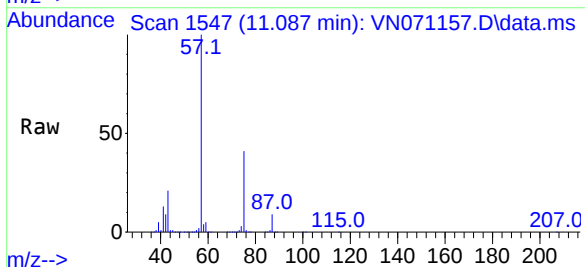
Acq: 03 Mar 2022 16:46

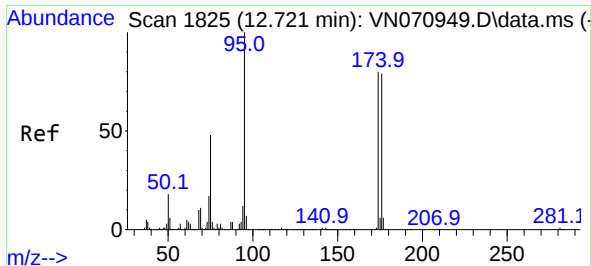
Tgt Ion: 43 Resp: 971324

Ion Ratio Lower Upper

43 100

58 18.0 26.9 80.7#

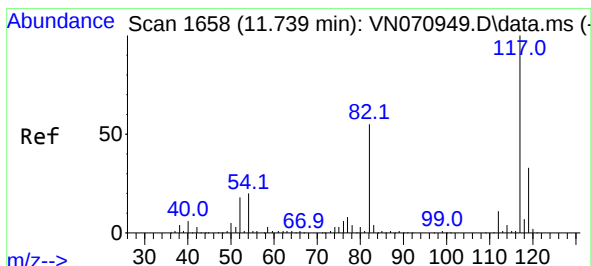
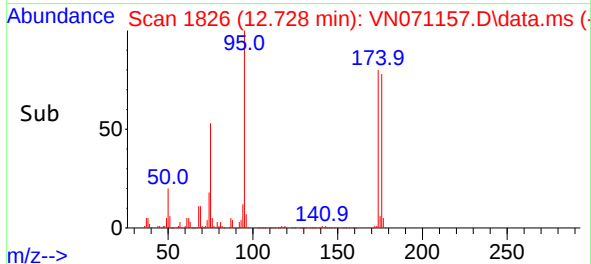
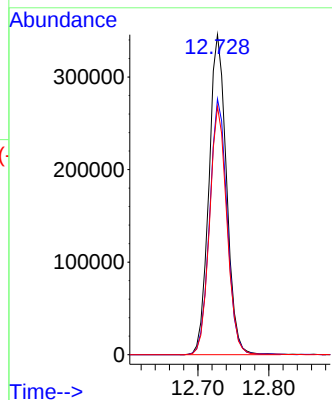
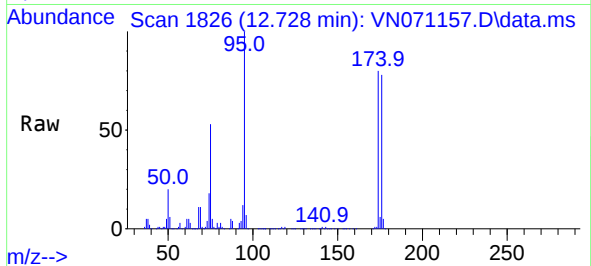




#62
4-Bromofluorobenzene
Concen: 48.694 ug/l
RT: 12.728 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

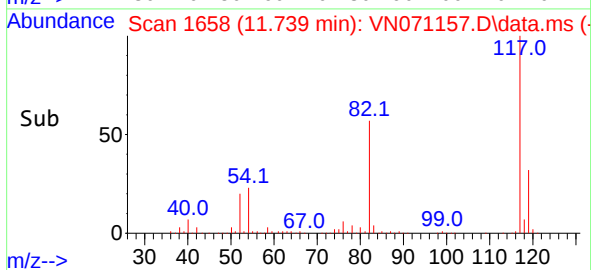
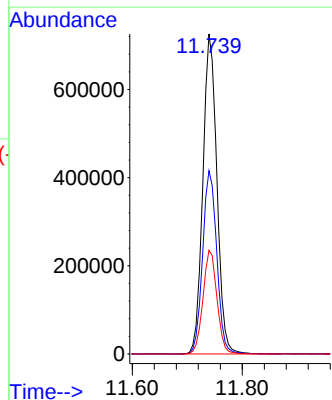
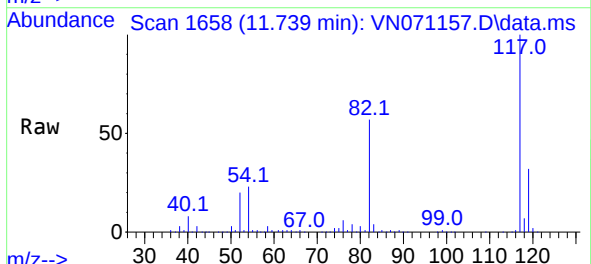
Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

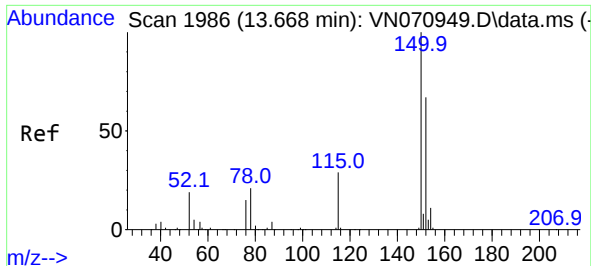
Tgt Ion: 95 Resp: 593175
Ion Ratio Lower Upper
95 100
174 79.5 0.0 187.2
176 76.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion: 117 Resp: 1287850
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 32.4 25.4 38.2

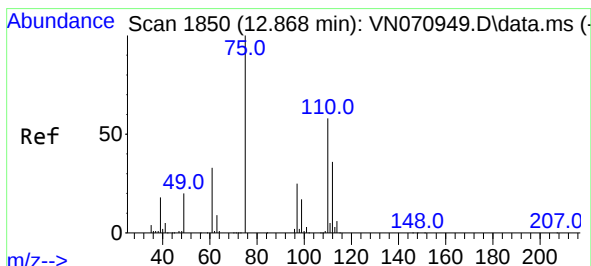
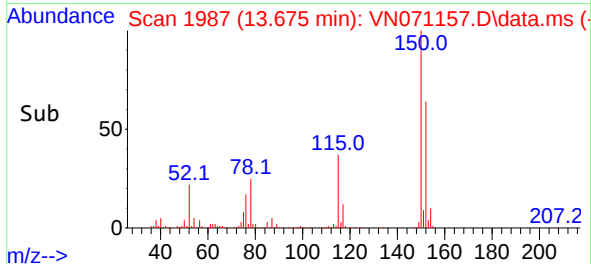
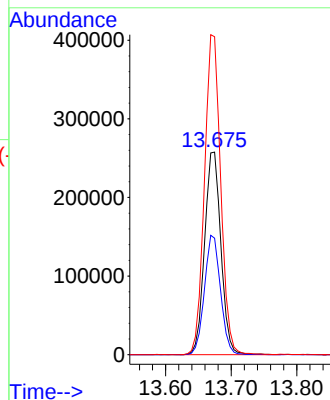
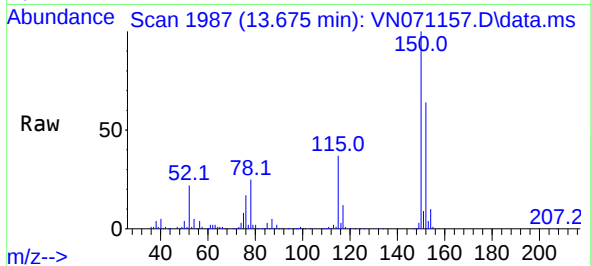




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

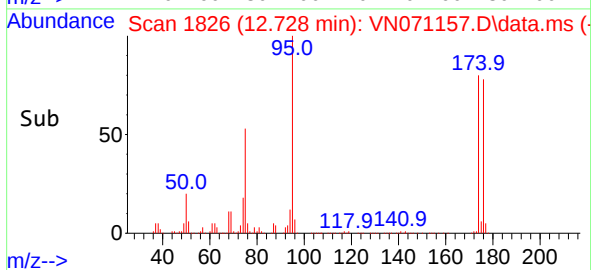
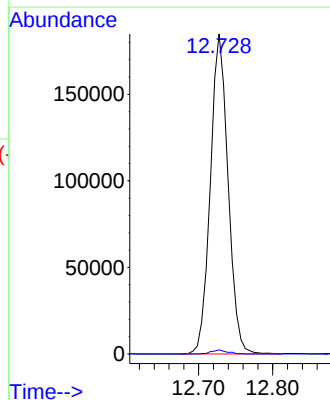
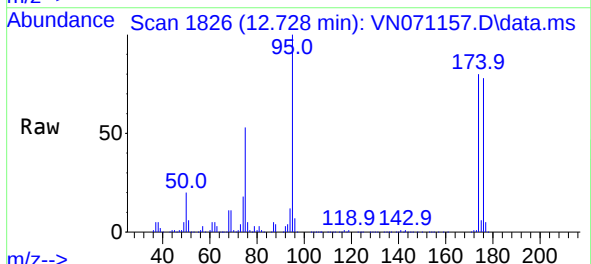
Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

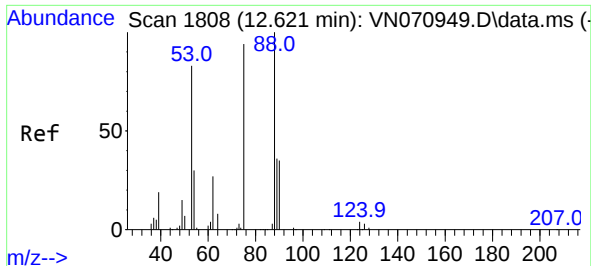
Tgt Ion:152 Resp: 446891
Ion Ratio Lower Upper
152 100
115 58.0 27.5 82.5
150 157.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 29.178 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion: 75 Resp: 307010
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

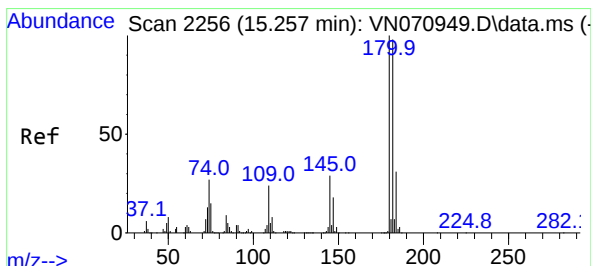
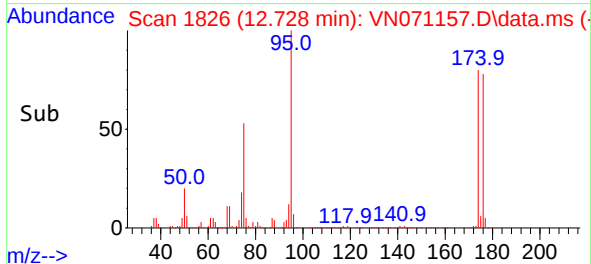
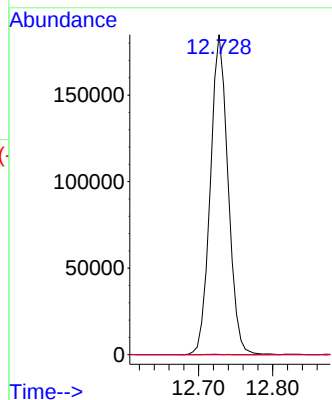
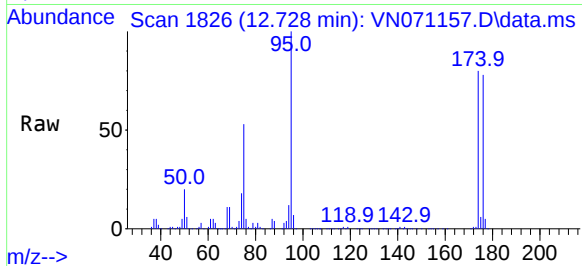




#81
trans-1,4-Dichloro-2-butene
Concen: 94.549 ug/l
RT: 12.728 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

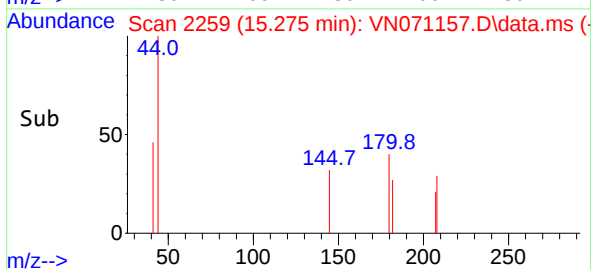
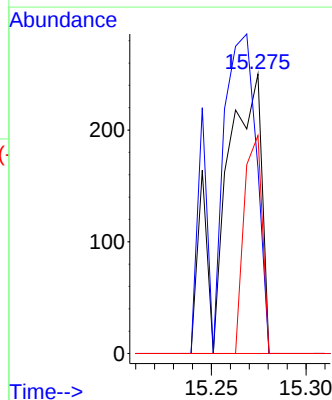
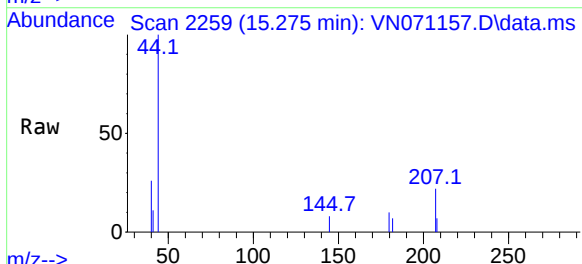
Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

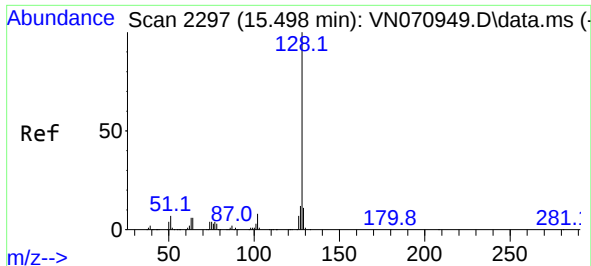
Tgt Ion: 75 Resp: 307010
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.040 ug/l
RT: 15.275 min Scan# 2259
Delta R.T. 0.018 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion: 180 Resp: 351
Ion Ratio Lower Upper
180 100
182 117.1 48.3 144.9
145 36.5 14.5 43.5

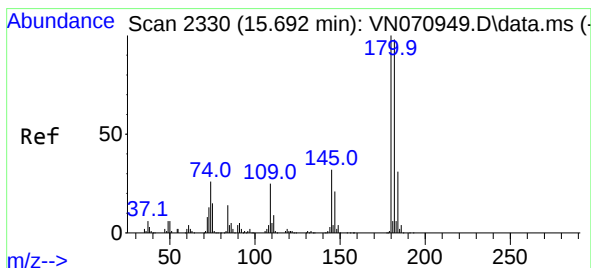
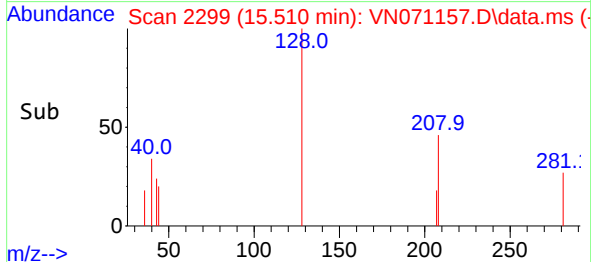
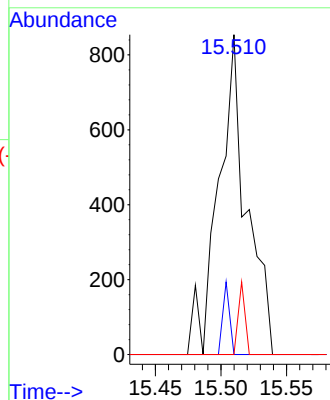
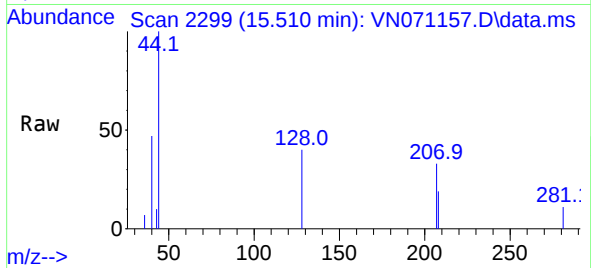




#95
Naphthalene
Concen: 5.047 ug/l
RT: 15.510 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
WC-2-Q4

Tgt Ion:128 Resp: 1276
Ion Ratio Lower Upper
128 100
127 5.3 10.5 15.7#
129 5.3 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.551 ug/l
RT: 15.686 min Scan# 2329
Delta R.T. -0.006 min
Lab File: VN071157.D
Acq: 03 Mar 2022 16:46

Tgt Ion:180 Resp: 280
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 0.0 15.0 45.1#

