

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071675.D
 Acq On : 30 Mar 2022 22:32
 Operator : JC\MD
 Sample : VN0330WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBL02

Quant Time: Mar 31 01:38:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.087	168	682353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1155218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1152383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	435944	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	390724	50.158	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.320%	
35) Dibromofluoromethane	8.022	113	327538	48.183	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.360%	
50) Toluene-d8	10.439	98	1440516	51.802	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	12.727	95	482529	53.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.300%	

Target Compounds				Qvalue		
3) Chloromethane	2.299	50	2612	0.380	ug/l #	88
4) Vinyl Chloride	2.452	62	114	0.015	ug/l #	43
5) Bromomethane	2.857	94	1255	0.256	ug/l	82
6) Chloroethane	2.952	64	1235	0.227	ug/l #	42
10) Methyl Iodide	4.440	142	1098	0.133	ug/l #	56
13) Acrolein	4.040	56	579	0.376	ug/l #	64
14) Allyl chloride	4.840	41	65	0.007	ug/l #	24
15) Acrylonitrile	5.569	53	123	0.033	ug/l #	51
16) Acetone	4.299	43	1594	0.479	ug/l	92
17) Carbon Disulfide	4.540	76	1265	0.098	ug/l #	75
18) Methyl Acetate	4.863	43	2889	Below Cal	#	89
20) Methylene Chloride	5.093	84	263	0.037	ug/l #	76
23) Vinyl Acetate	6.440	43	209	0.013	ug/l #	68
25) 2-Butanone	7.340	43	631	0.131	ug/l #	45
29) Tetrahydrofuran	7.692	42	359	0.116	ug/l #	55
30) Chloroform	7.804	83	113	0.009	ug/l #	18
31) Cyclohexane	8.075	56	12200	1.152	ug/l #	9
32) 1,1,1-Trichloroethane	8.081	97	63	0.006	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	48179	5.075	ug/l #	49
37) Ethyl Acetate	7.434	43	53	0.005	ug/l #	67
38) Carbon Tetrachloride	8.081	117	62183	6.684	ug/l #	16
39) Methylcyclohexane	9.463	83	119	0.011	ug/l #	19
40) Benzene	8.457	78	439	0.015	ug/l #	51
41) Methacrylonitrile	7.698	41	64	0.013	ug/l #	16
42) 1,2-Dichloroethane	8.528	62	993	0.096	ug/l #	74
43) Isopropyl Acetate	8.628	43	6942	0.402	ug/l #	53
44) Trichloroethene	9.210	130	807	0.104	ug/l	91
48) Methyl methacrylate	9.557	41	114	0.016	ug/l #	10
51) 4-Methyl-2-Pentanone	10.328	43	1243	0.125	ug/l #	33
52) Toluene	10.498	92	255	0.013	ug/l #	1
53) t-1,3-Dichloropropene	10.728	75	258	0.025	ug/l #	9
54) cis-1,3-Dichloropropene	10.186	75	56	0.005	ug/l #	36
56) Ethyl methacrylate	10.763	69	163	0.015	ug/l #	28
59) 2-Hexanone	11.092	43	2888	0.413	ug/l	78
60) Dibromochloromethane	10.975	129	142	0.019	ug/l #	11
64) Tetrachloroethene	10.980	164	299	0.039	ug/l #	32

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Instrument :
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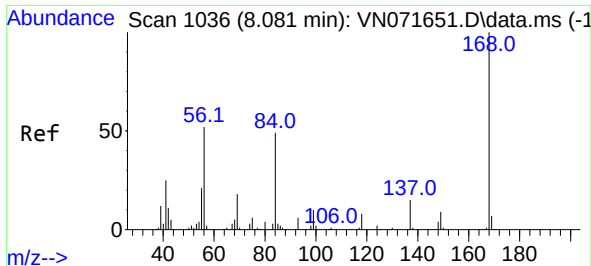
Quant Time: Mar 31 01:38:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	11.769	112	935	0.041	ug/l #	74
67) Ethyl Benzene	11.845	91	1183	0.030	ug/l #	87
68) m/p-Xylenes	11.951	106	947	0.063	ug/l	94
69) o-Xylene	12.274	106	197	0.013	ug/l	46
70) Styrene	12.292	104	623	0.028	ug/l #	75
71) Bromoform	12.722	173	2112	0.333	ug/l #	28
73) Isopropylbenzene	12.574	105	721	0.020	ug/l #	48
74) N-amyl acetate	12.392	43	1196	0.114	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.827	83	348	0.028	ug/l #	90
76) 1,2,3-Trichloropropane	12.727	75	241620	23.925	ug/l #	1
77) Bromobenzene	12.851	156	539	0.059	ug/l	92
78) n-propylbenzene	12.922	91	2414	0.062	ug/l	80
79) 2-Chlorotoluene	13.092	91	1910	0.077	ug/l	84
80) 1,3,5-Trimethylbenzene	13.051	105	1085	0.037	ug/l #	47
81) trans-1,4-Dichloro-2-b...	12.727	75	241620	74.143	ug/l #	10
82) 4-Chlorotoluene	13.092	91	1910	0.083	ug/l	84
83) tert-Butylbenzene	13.316	119	395	0.015	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.363	105	1176	0.041	ug/l	97
85) sec-Butylbenzene	13.492	105	1465	0.042	ug/l #	65
86) p-Isopropyltoluene	13.610	119	1409	0.051	ug/l	89
87) 1,3-Dichlorobenzene	13.621	146	1320	0.090	ug/l	83
88) 1,4-Dichlorobenzene	13.621	146	1320	0.092	ug/l	83
89) n-Butylbenzene	13.933	91	2490	0.122	ug/l	95
90) Hexachloroethane	13.945	117	64	0.013	ug/l #	9
91) 1,2-Dichlorobenzene	13.980	146	1267	0.088	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.604	75	70	0.037	ug/l #	52
93) 1,2,4-Trichlorobenzene	15.263	180	1395	2.278	ug/l #	68
94) Hexachlorobutadiene	15.374	225	58	0.014	ug/l #	34
95) Naphthalene	15.510	128	4797	4.026	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.698	180	1969	2.693	ug/l	86

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

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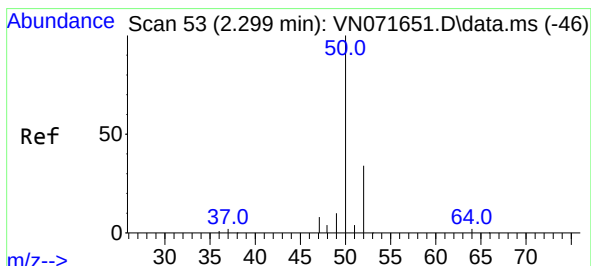
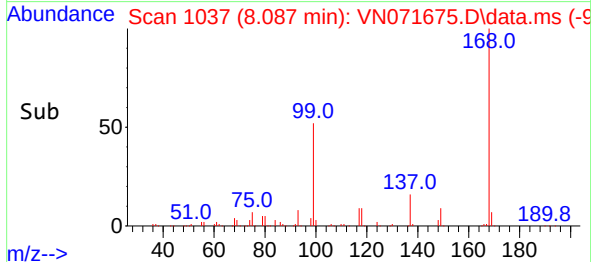
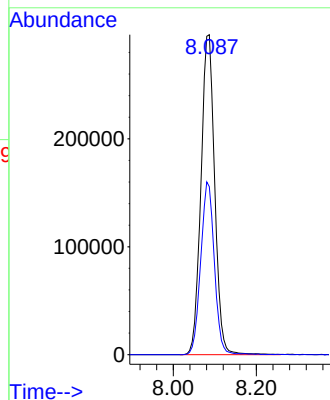
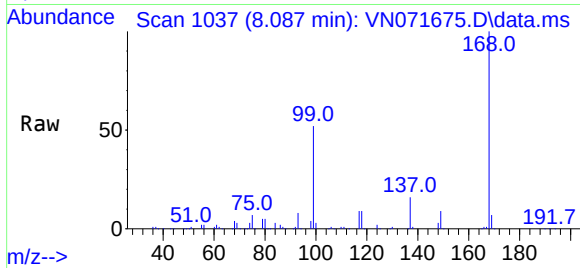




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

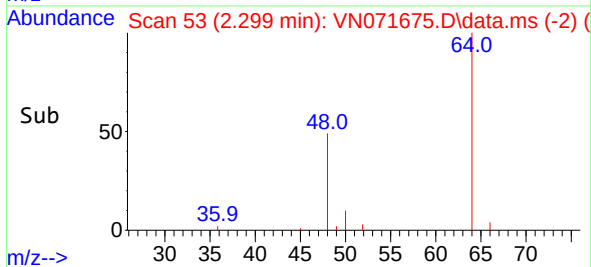
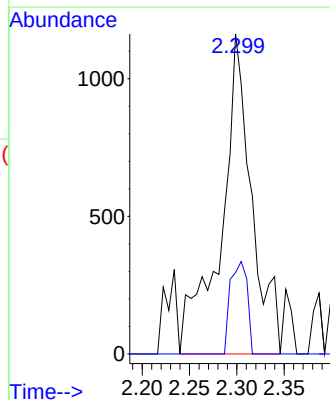
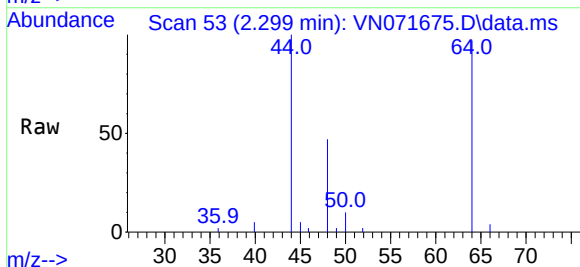
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

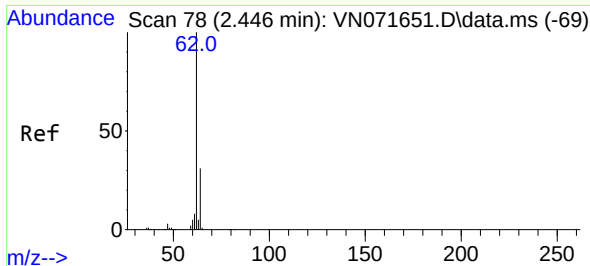
Tgt Ion:168 Resp: 682353
Ion Ratio Lower Upper
168 100
99 52.5 42.3 63.5



#3
Chloromethane
Concen: 0.380 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 50 Resp: 2612
Ion Ratio Lower Upper
50 100
52 25.5 25.7 38.5#

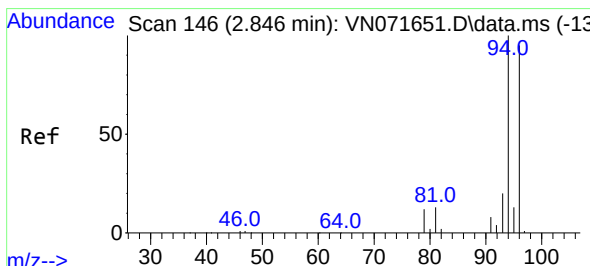
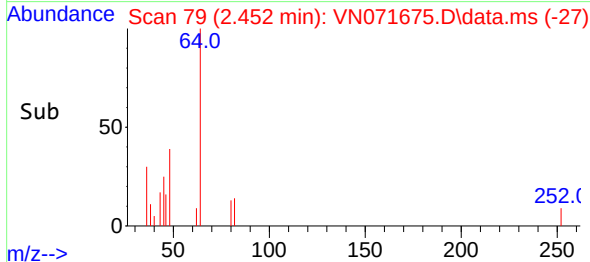
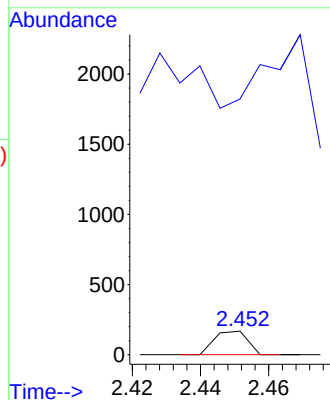
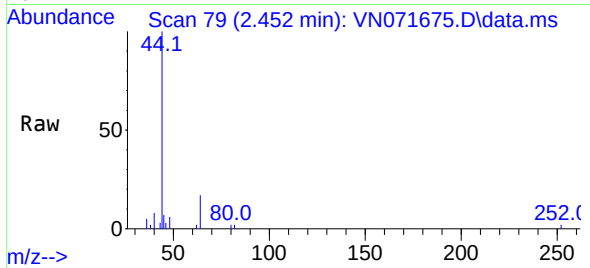




#4
 Vinyl Chloride
 Concen: 0.015 ug/l
 RT: 2.452 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: VN071675.D
 Acq: 30 Mar 2022 22:32

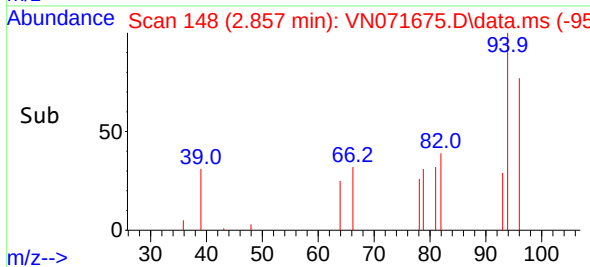
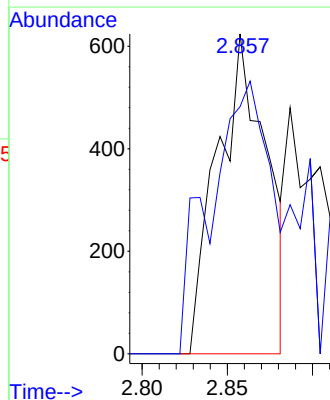
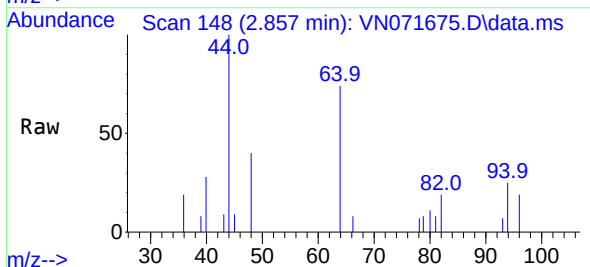
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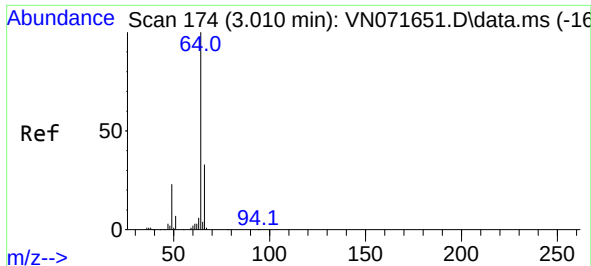
Tgt Ion: 62 Resp: 114
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.4#



#5
 Bromomethane
 Concen: 0.256 ug/l
 RT: 2.857 min Scan# 148
 Delta R.T. 0.011 min
 Lab File: VN071675.D
 Acq: 30 Mar 2022 22:32

Tgt Ion: 94 Resp: 1255
 Ion Ratio Lower Upper
 94 100
 96 77.2 76.0 114.0

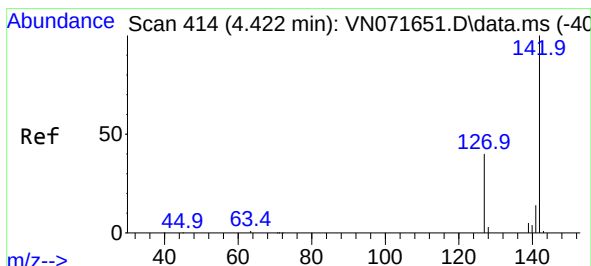
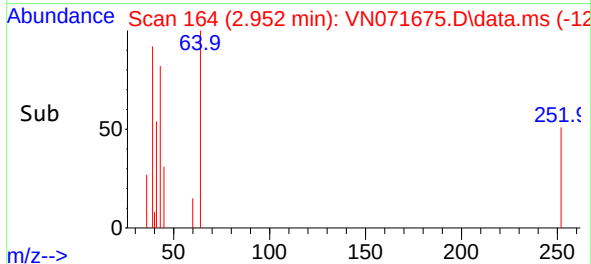
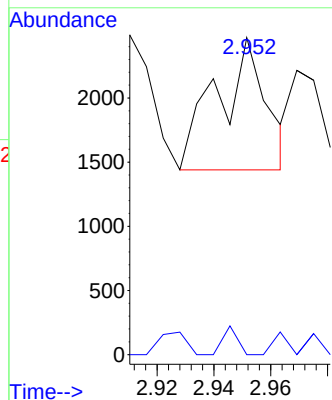
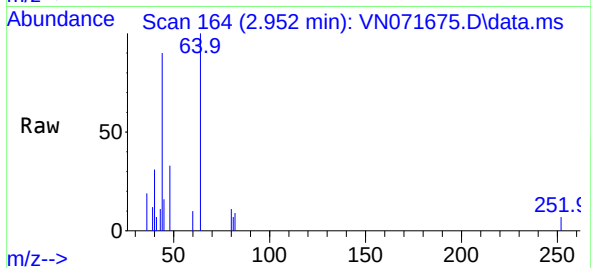




#6
Chloroethane
Concen: 0.227 ug/l
RT: 2.952 min Scan# 11
Delta R.T. -0.058 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

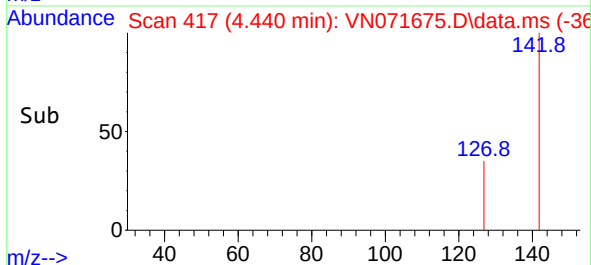
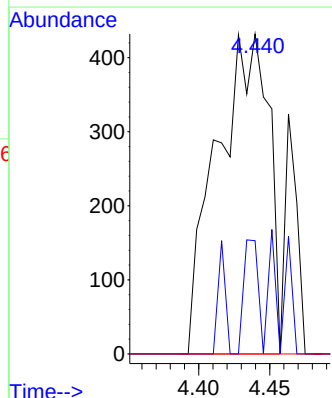
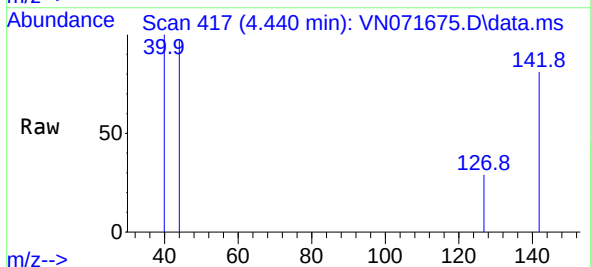
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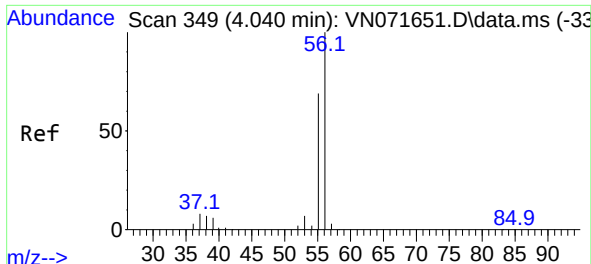
Tgt Ion: 64 Resp: 1235
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 0.133 ug/l
RT: 4.440 min Scan# 417
Delta R.T. 0.018 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 142 Resp: 1098
Ion Ratio Lower Upper
142 100
127 9.8 31.3 46.9#
141 0.0 11.2 16.8#

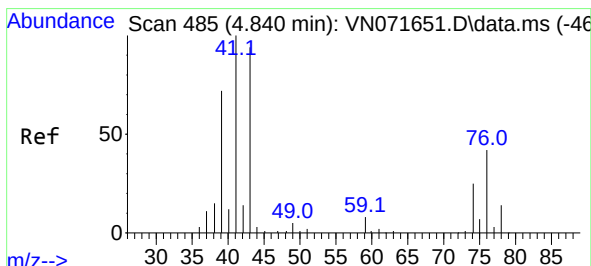
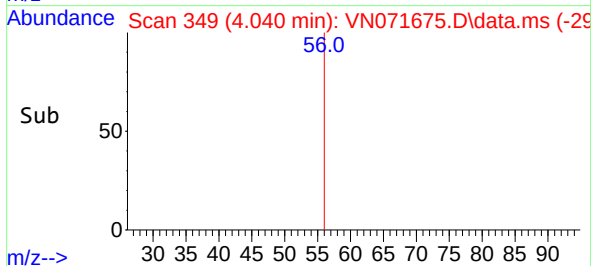
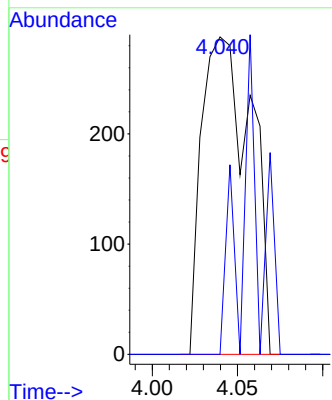
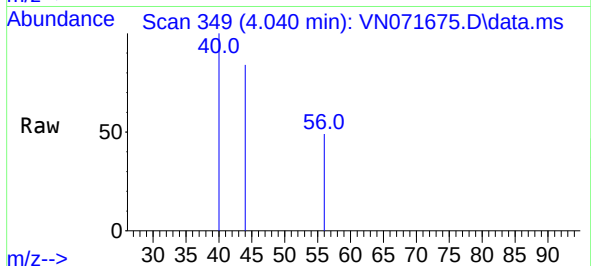




#13
Acrolein
Concen: 0.376 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

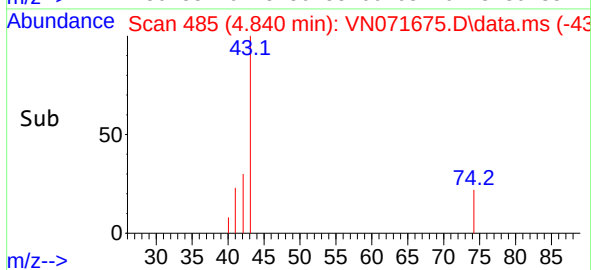
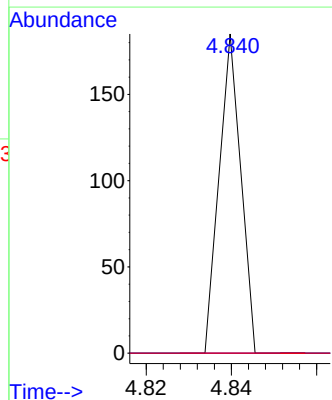
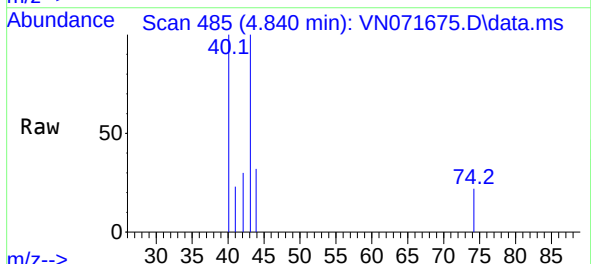
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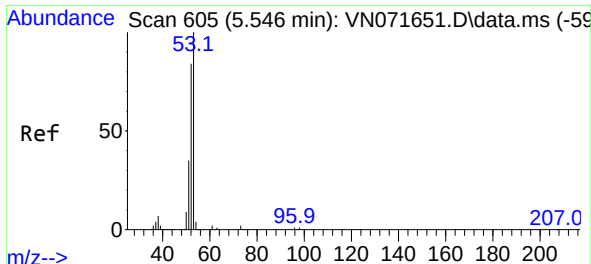
Tgt Ion: 56 Resp: 579
Ion Ratio Lower Upper
56 100
55 39.4 54.8 82.2#



#14
Allyl chloride
Concen: 0.007 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 41 Resp: 65
Ion Ratio Lower Upper
41 100
39 0.0 53.2 79.8#
76 0.0 29.9 44.9#

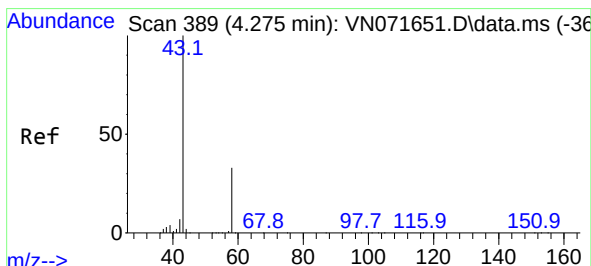
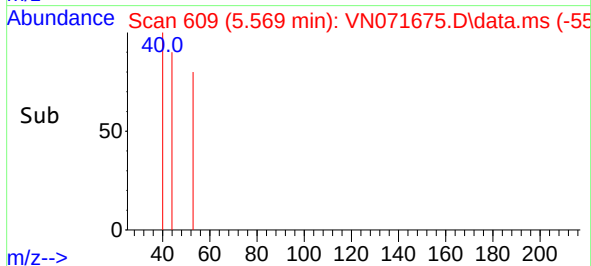
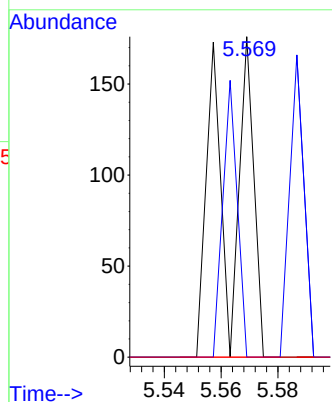
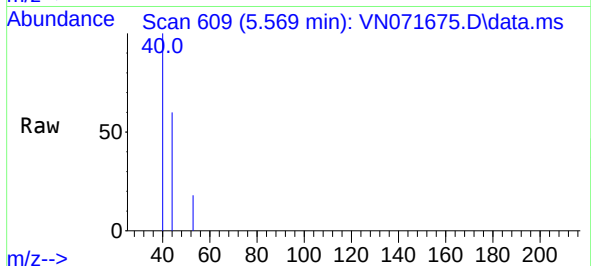




#15
Acrylonitrile
Concen: 0.033 ug/l
RT: 5.569 min Scan# 609
Delta R.T. 0.023 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

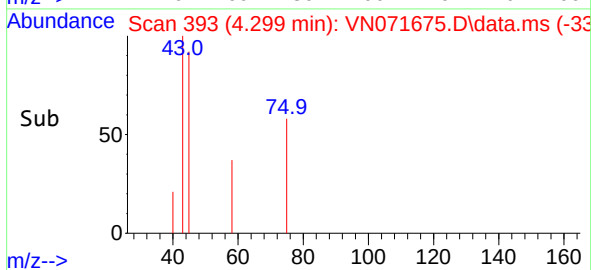
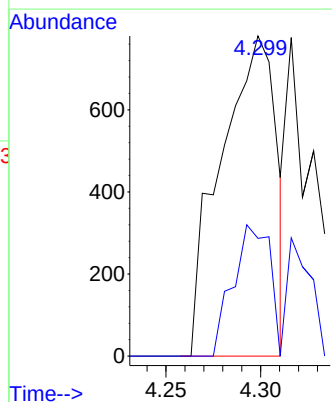
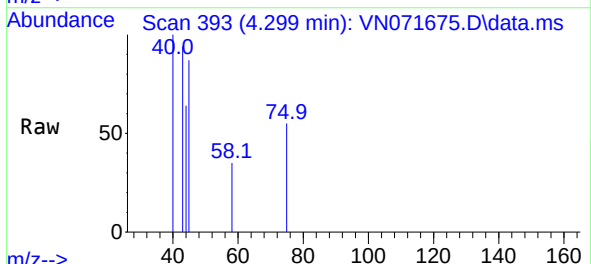
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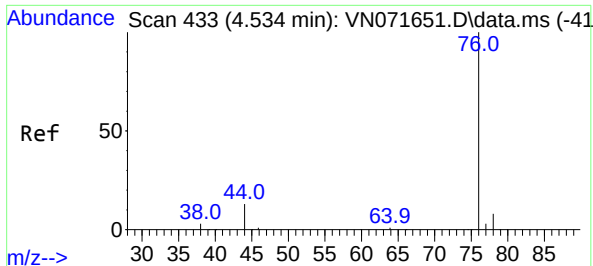
Tgt Ion: 53 Resp: 123
Ion Ratio Lower Upper
53 100
52 43.9 66.4 99.6#
51 0.0 28.5 42.7#



#16
Acetone
Concen: 0.479 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 43 Resp: 1594
Ion Ratio Lower Upper
43 100
58 36.8 26.0 39.0

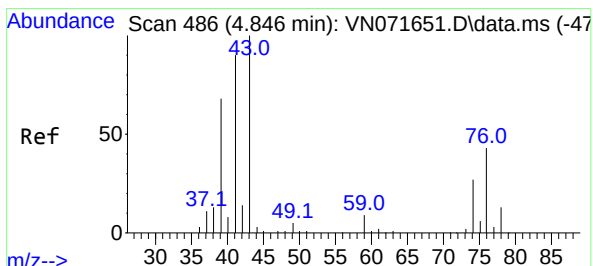
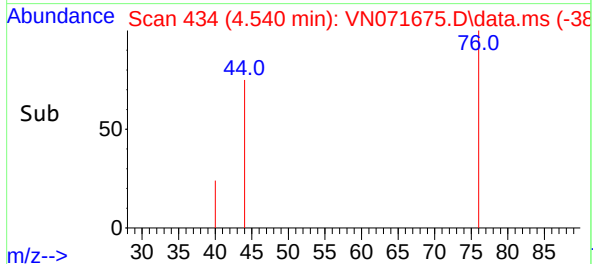
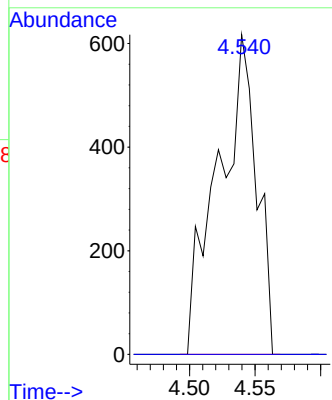
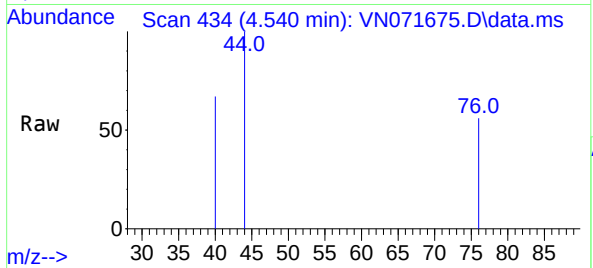




#17
Carbon Disulfide
Concen: 0.098 ug/l
RT: 4.540 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

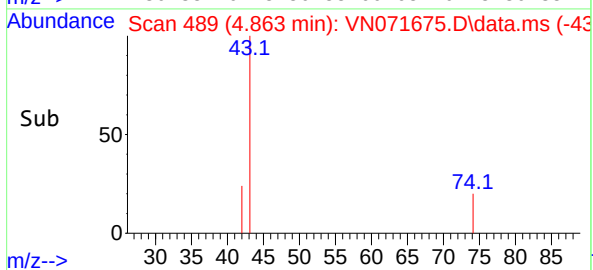
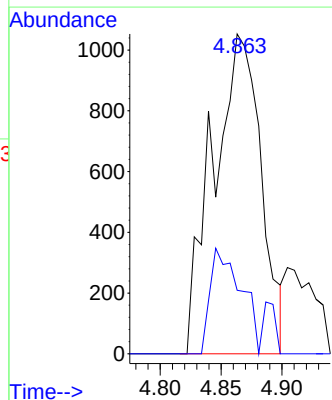
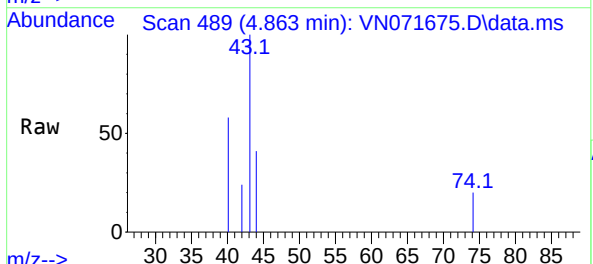
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

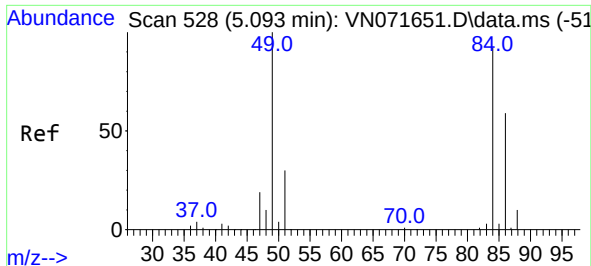
Tgt Ion: 76 Resp: 1265
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 43 Resp: 2889
Ion Ratio Lower Upper
43 100
74 21.1 21.6 32.4#

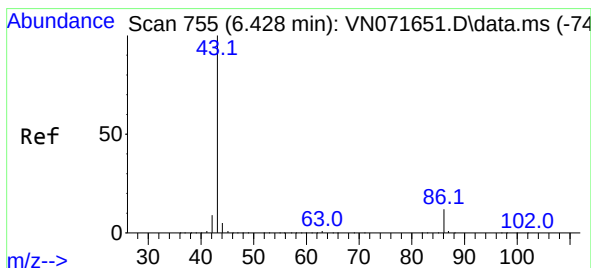
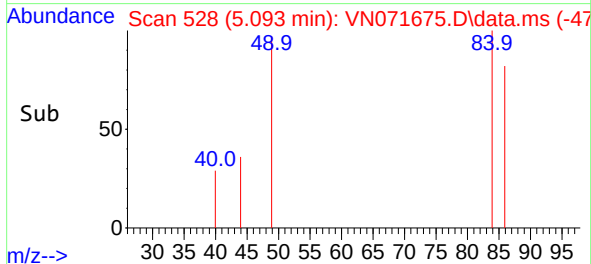
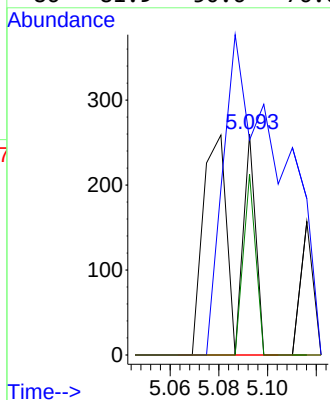
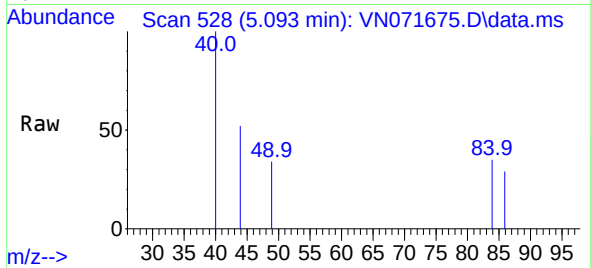




#20
Methylene Chloride
Concen: 0.037 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

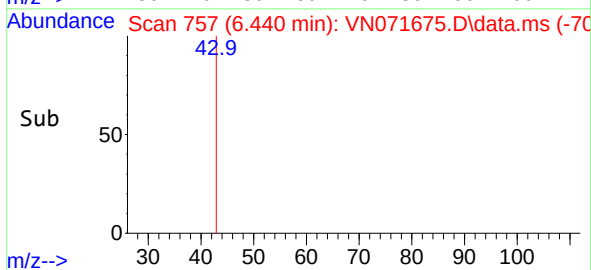
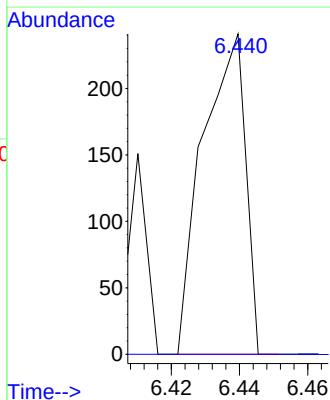
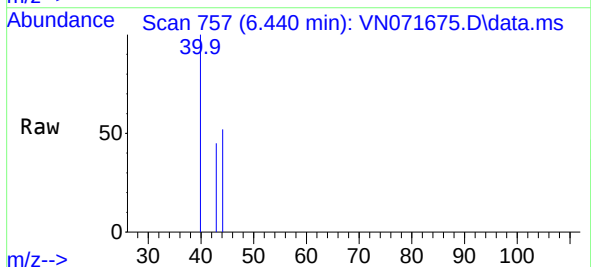
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

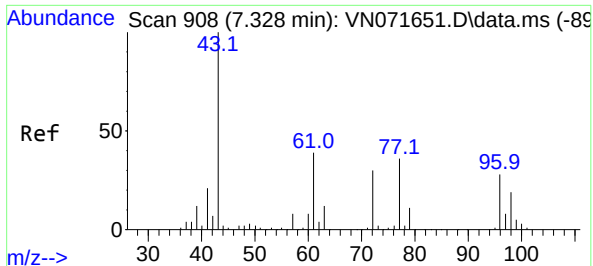
Tgt	Ion: 84	Resp:	263
Ion	Ratio	Lower	Upper
84	100		
49	97.3	88.3	132.5
51	0.0	28.2	42.2#
86	81.9	50.6	76.0#



#23
Vinyl Acetate
Concen: 0.013 ug/l
RT: 6.440 min Scan# 757
Delta R.T. 0.012 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 43	Resp: 209		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	10.0	15.0#	





#25

2-Butanone

Concen: 0.131 ug/l

RT: 7.340 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN071675.D

Acq: 30 Mar 2022 22:32

Instrument :

MSVOA_N

ClientSampleId :

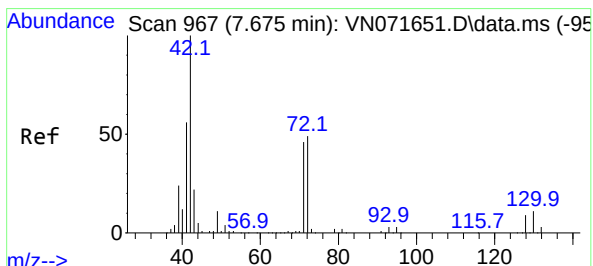
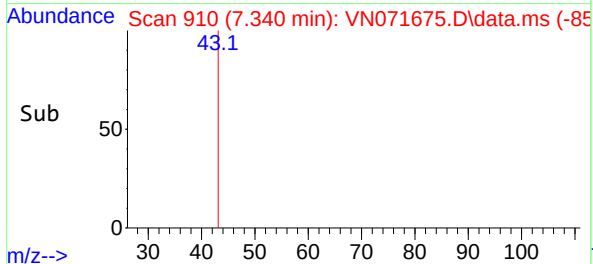
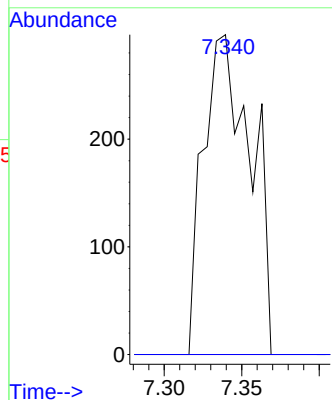
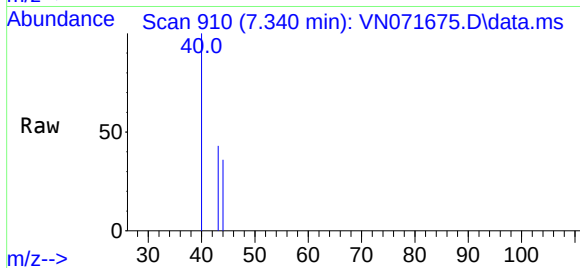
VN0330WBL02

Tgt Ion: 43 Resp: 631

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.116 ug/l

RT: 7.692 min Scan# 970

Delta R.T. 0.017 min

Lab File: VN071675.D

Acq: 30 Mar 2022 22:32

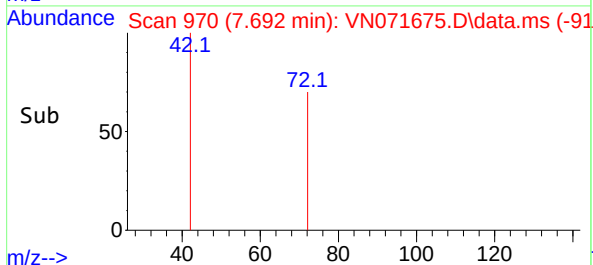
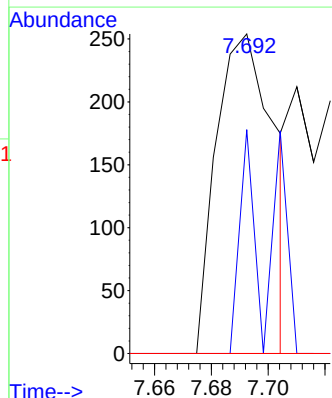
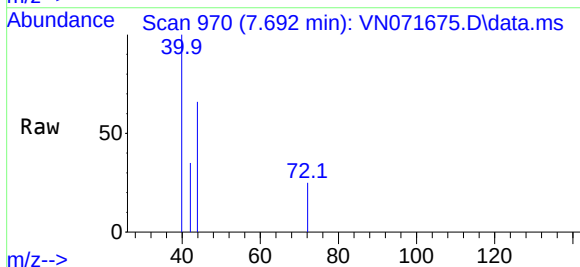
Tgt Ion: 42 Resp: 359

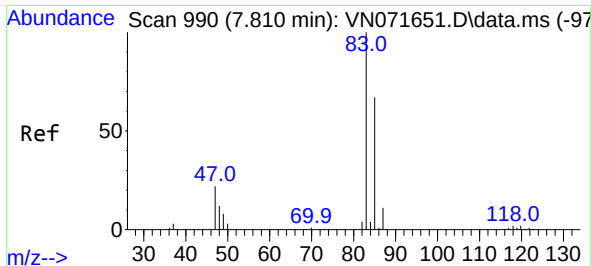
Ion Ratio Lower Upper

42 100

72 34.8 39.7 59.5#

71 0.0 36.6 55.0#





#30

Chloroform

Concen: 0.009 ug/l

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN071675.D

Acq: 30 Mar 2022 22:32

Instrument :

MSVOA_N

ClientSampleId :

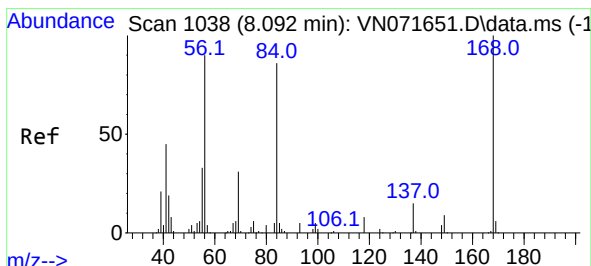
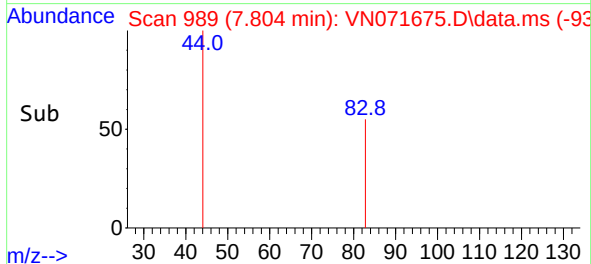
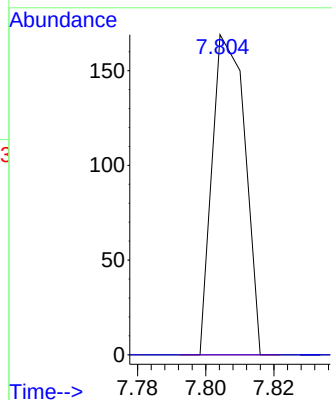
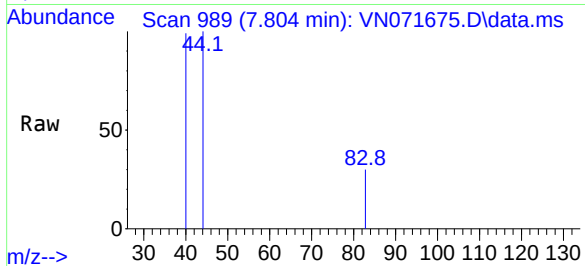
VN0330WBL02

Tgt Ion: 83 Resp: 113

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.8#



#31

Cyclohexane

Concen: 1.152 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.017 min

Lab File: VN071675.D

Acq: 30 Mar 2022 22:32

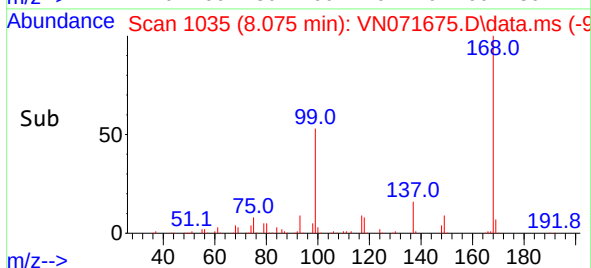
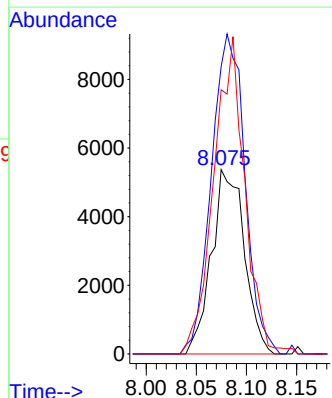
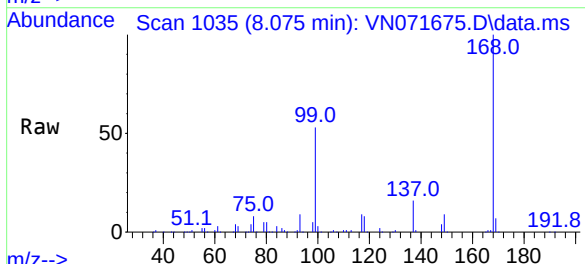
Tgt Ion: 56 Resp: 12200

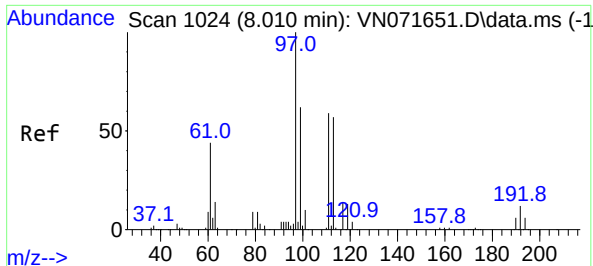
Ion Ratio Lower Upper

56 100

69 155.9 27.8 41.8#

84 143.3 76.9 115.3#

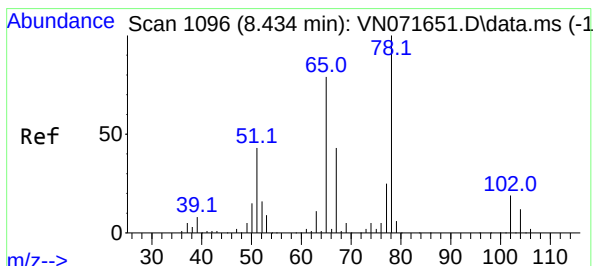
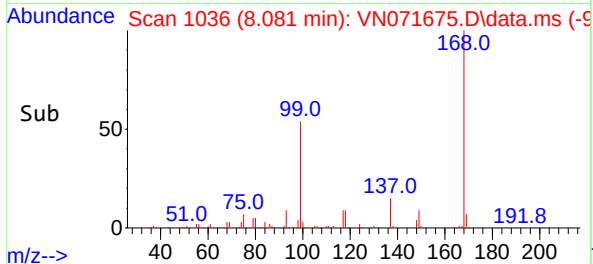
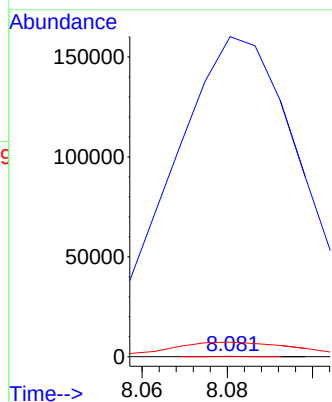
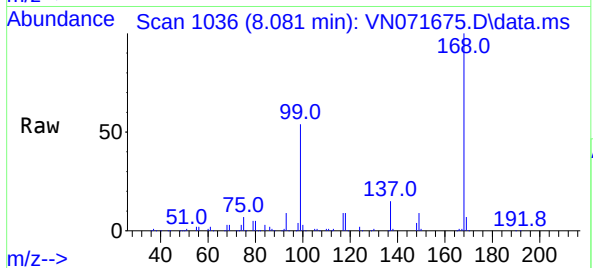




#32
1,1,1-Trichloroethane
Concen: 0.006 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. 0.071 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

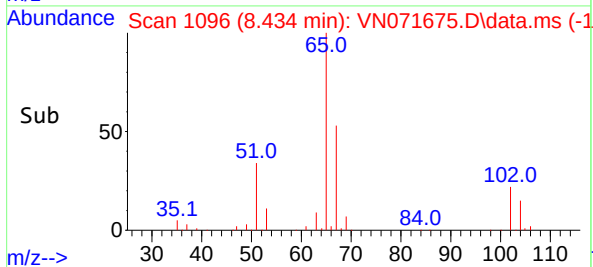
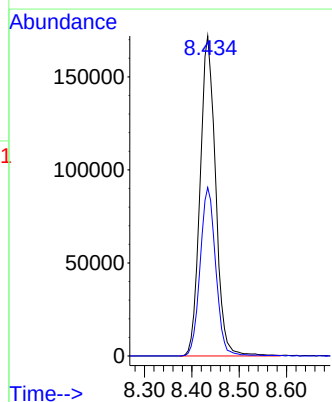
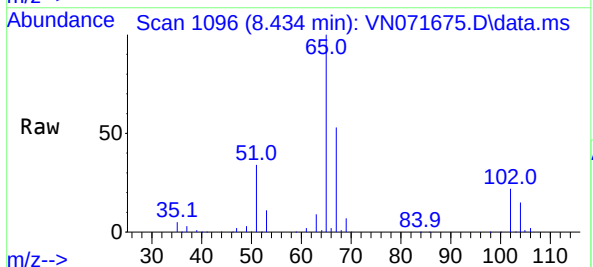
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

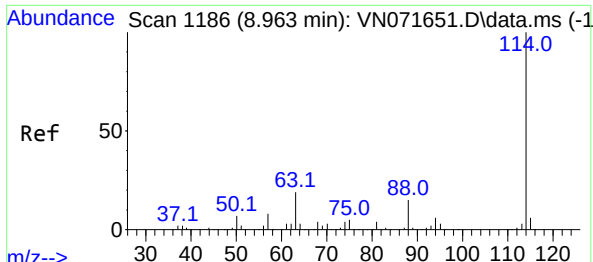
Tgt Ion: 97 Resp: 63
Ion Ratio Lower Upper
97 100
99 579561.9 50.6 76.0#
61 25734.9 36.0 54.0#



#33
1,2-Dichloroethane-d4
Concen: 50.158 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 65 Resp: 390724
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

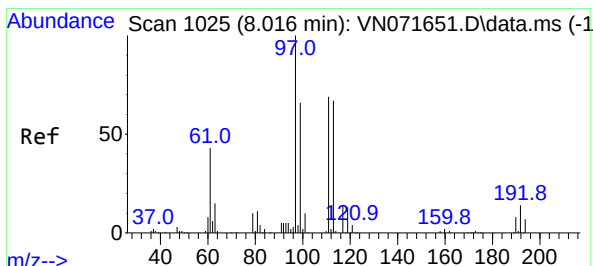
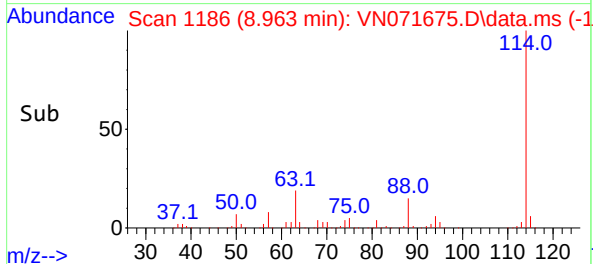
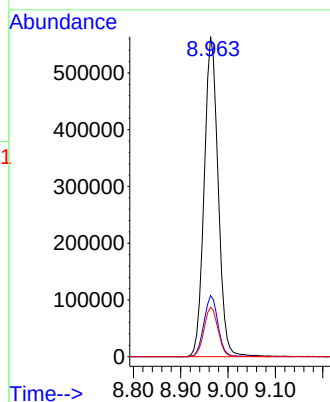
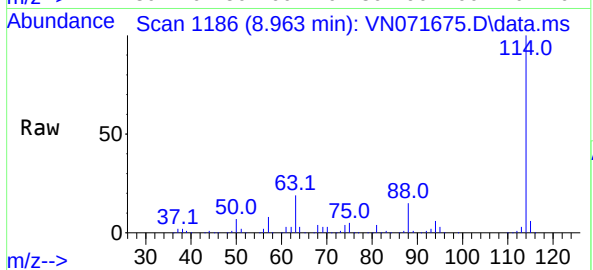




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

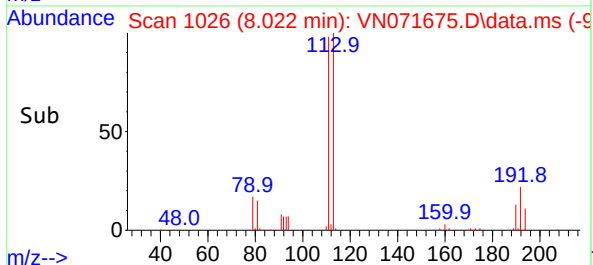
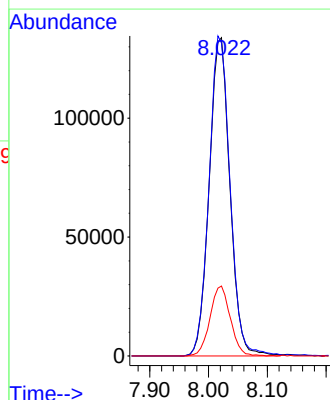
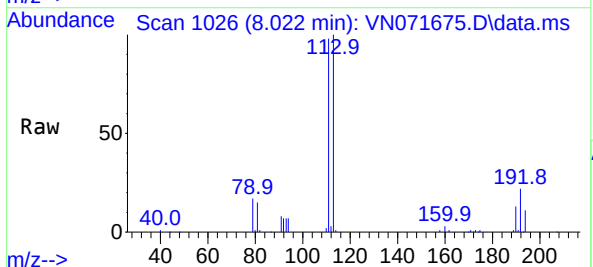
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

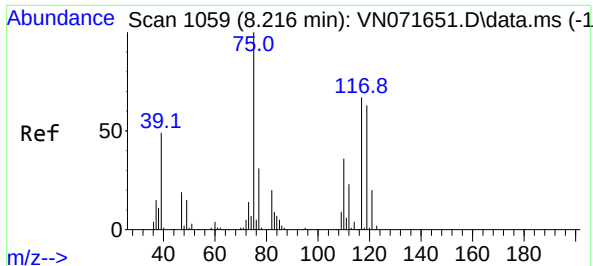
Tgt Ion:114 Resp: 1155218
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.183 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion:113 Resp: 327538
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 21.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.075 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071675.D

Acq: 30 Mar 2022 22:32

Instrument :

MSVOA_N

ClientSampleId :

VN0330WBL02

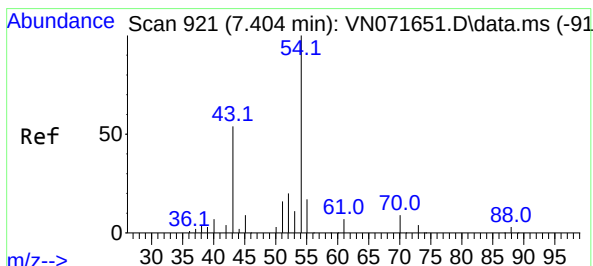
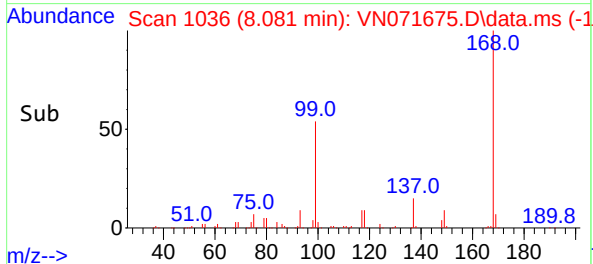
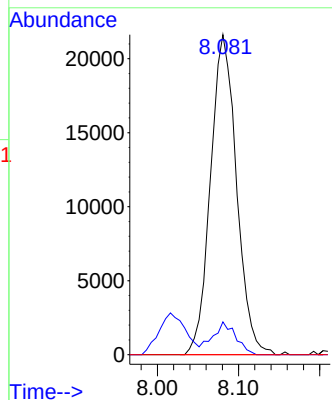
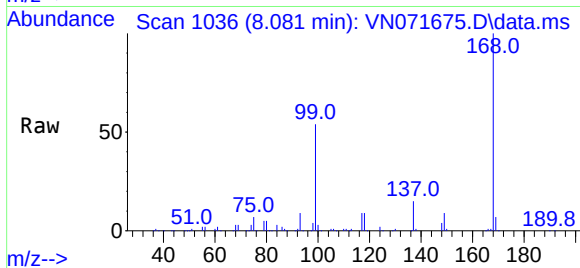
Tgt Ion: 75 Resp: 48179

Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.005 ug/l

RT: 7.434 min Scan# 926

Delta R.T. 0.030 min

Lab File: VN071675.D

Acq: 30 Mar 2022 22:32

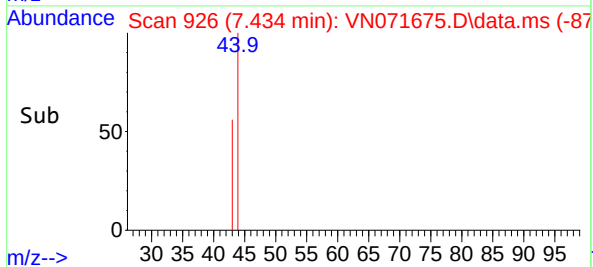
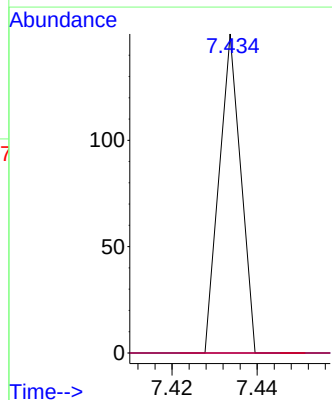
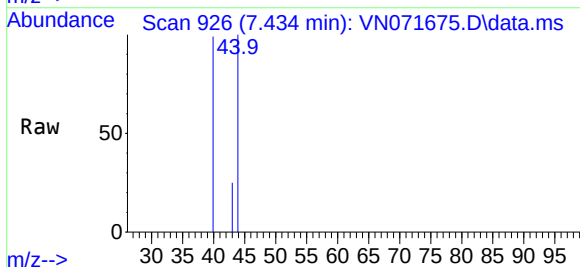
Tgt Ion: 43 Resp: 53

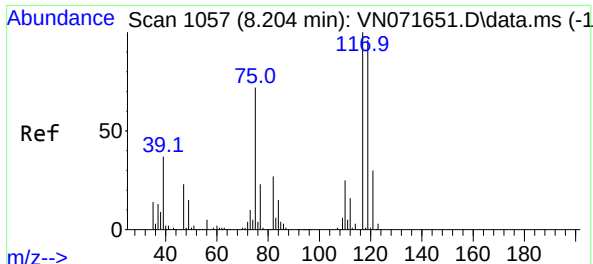
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

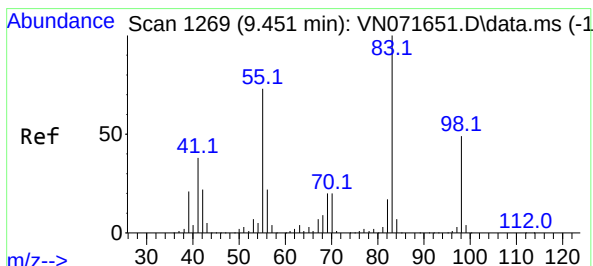
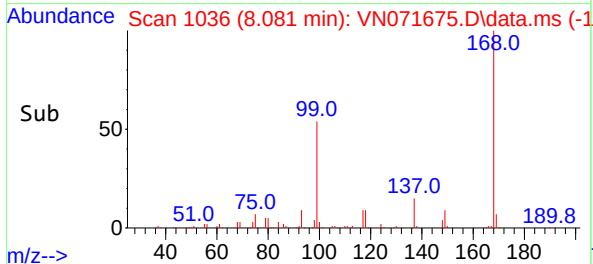
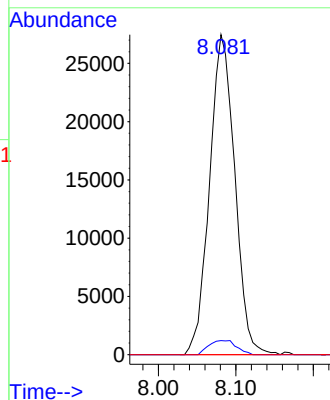
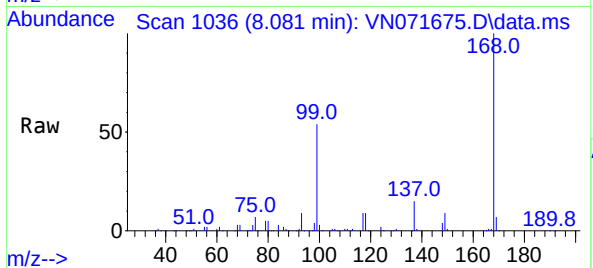




#38
Carbon Tetrachloride
Concen: 6.684 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

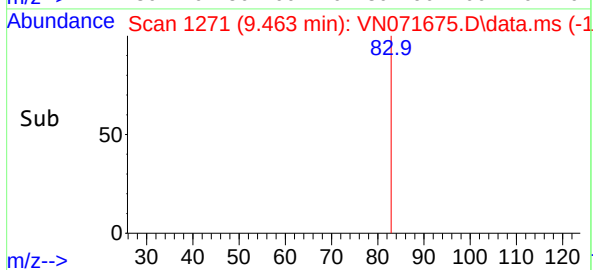
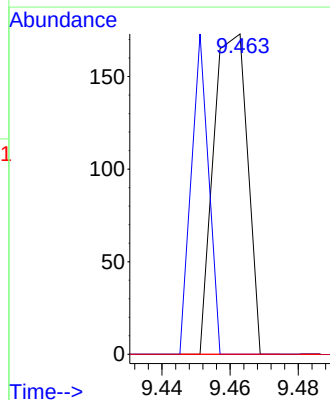
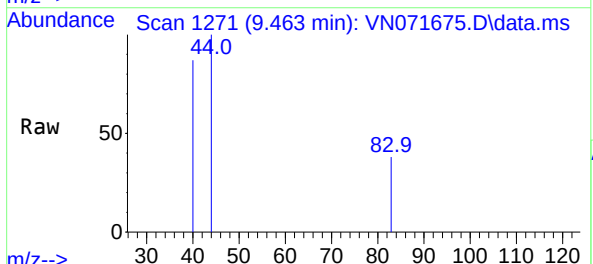
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

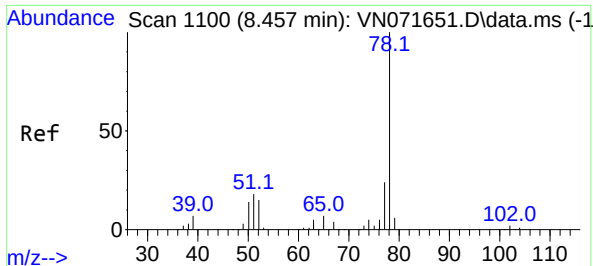
Tgt Ion:117 Resp: 62183
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.011 ug/l
RT: 9.463 min Scan# 1271
Delta R.T. 0.012 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 83 Resp: 119
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.0 39.4 59.2#

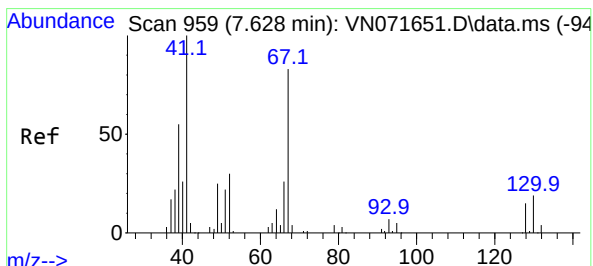
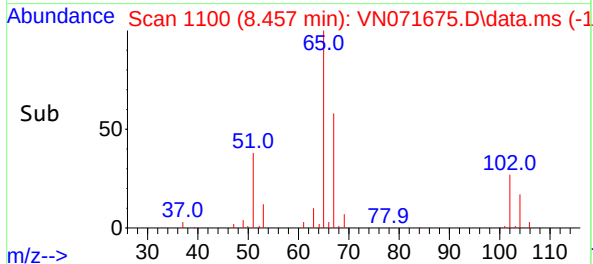
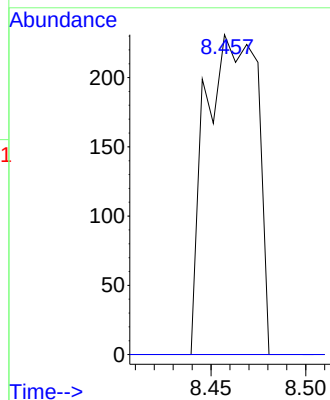
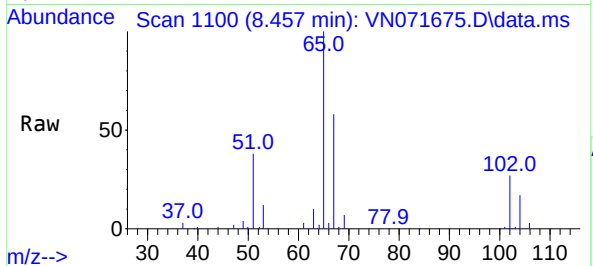




#40
Benzene
Concen: 0.015 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

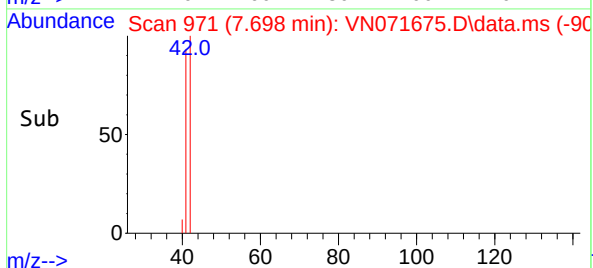
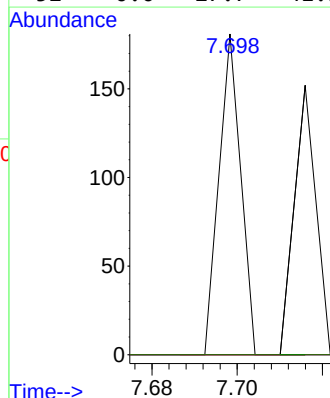
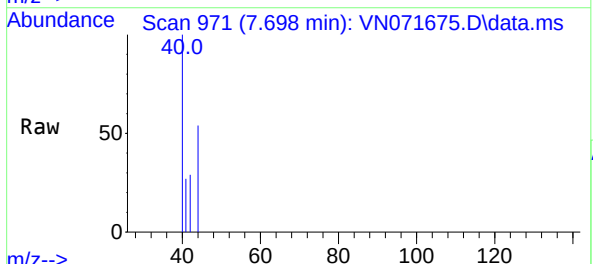
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

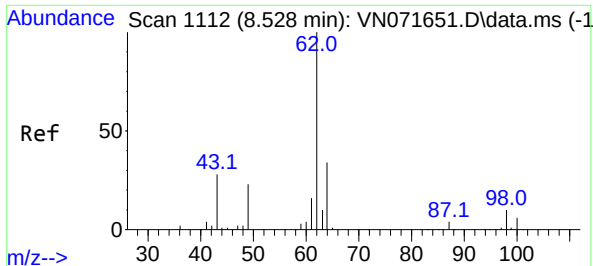
Tgt Ion: 78 Resp: 439
Ion Ratio Lower Upper
78 100
77 0.0 19.4 29.0#



#41
Methacrylonitrile
Concen: 0.013 ug/l
RT: 7.698 min Scan# 971
Delta R.T. 0.070 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 41 Resp: 64
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

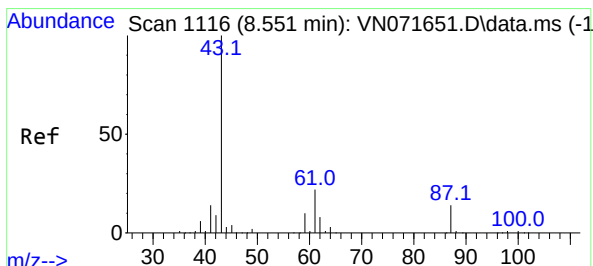
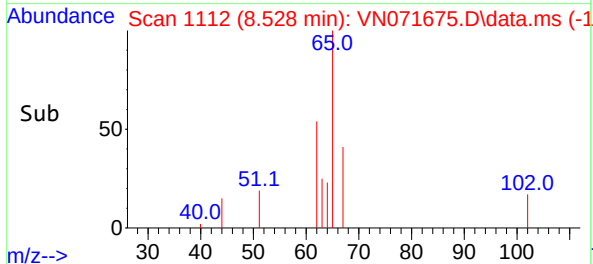
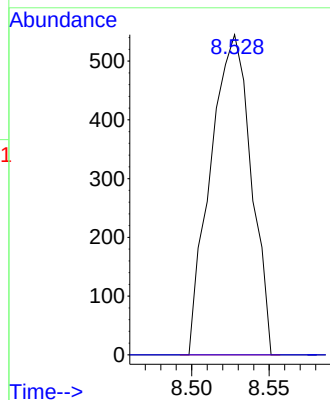
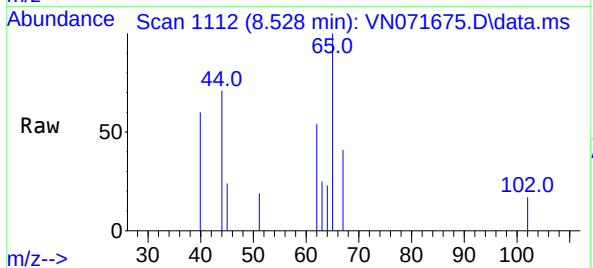




#42
1,2-Dichloroethane
Concen: 0.096 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

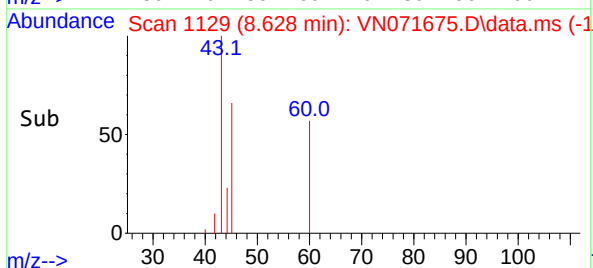
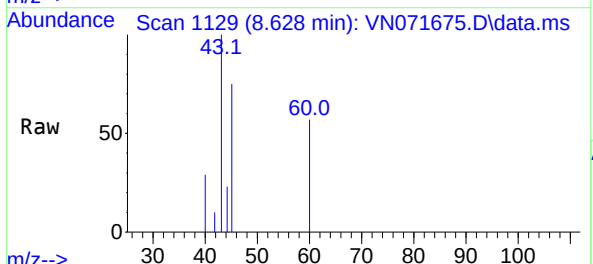
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

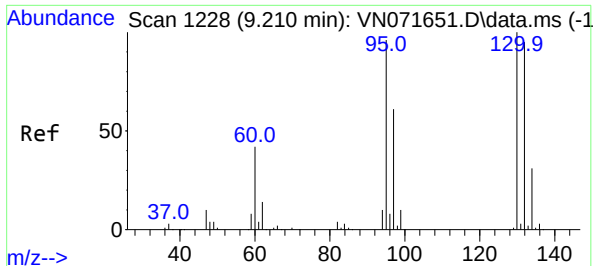
Tgt Ion: 62 Resp: 993
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#43
Isopropyl Acetate
Concen: 0.402 ug/l
RT: 8.628 min Scan# 1129
Delta R.T. 0.077 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 43 Resp: 6942
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

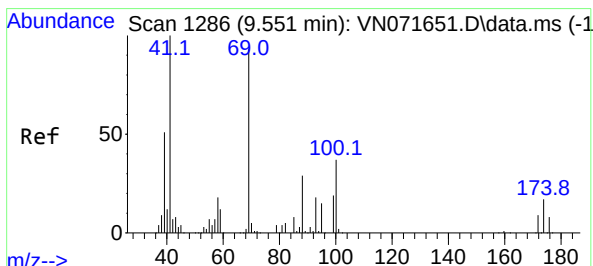
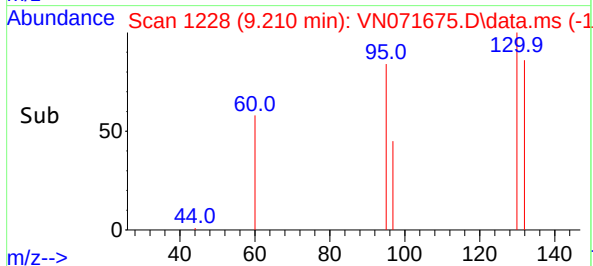
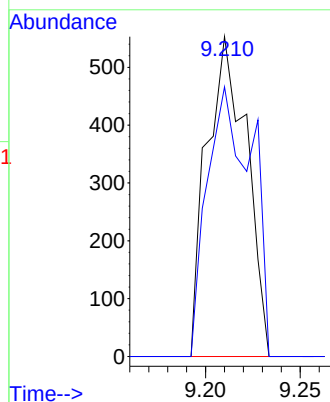
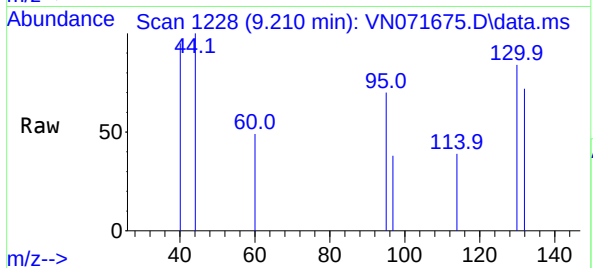




#44
Trichloroethene
Concen: 0.104 ug/l
RT: 9.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

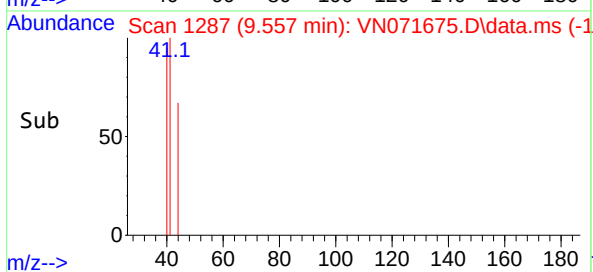
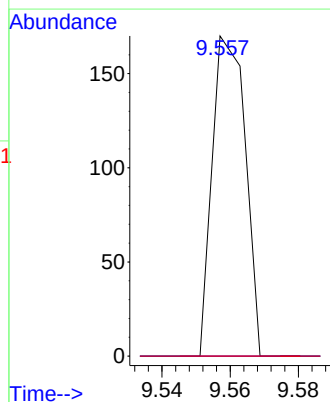
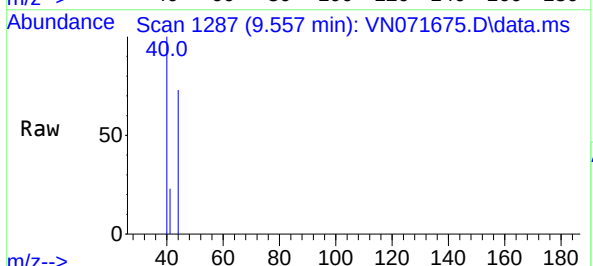
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

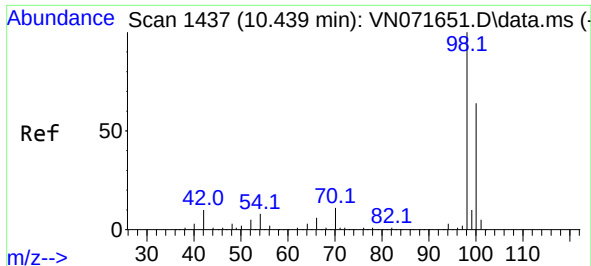
Tgt Ion:130 Resp: 807
Ion Ratio Lower Upper
130 100
95 84.3 0.0 186.8



#48
Methyl methacrylate
Concen: 0.016 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 41 Resp: 114
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#

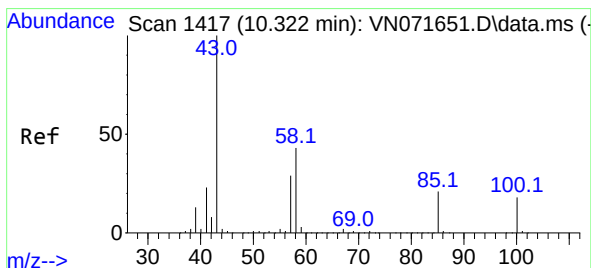
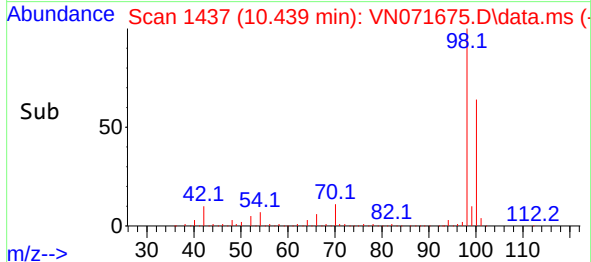
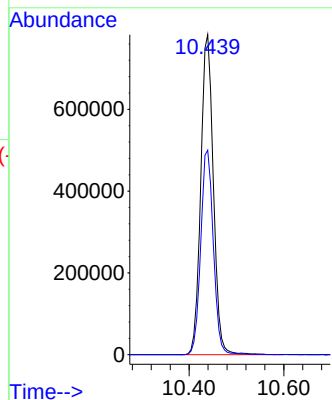
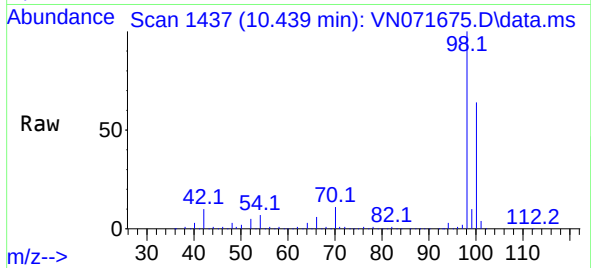




#50
Toluene-d8
Concen: 51.802 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

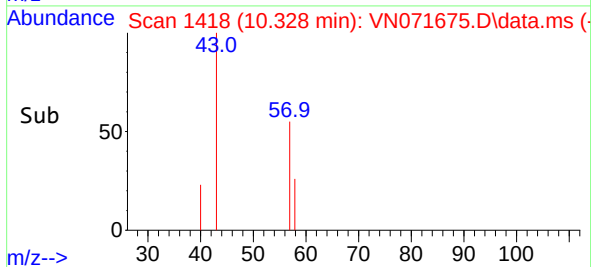
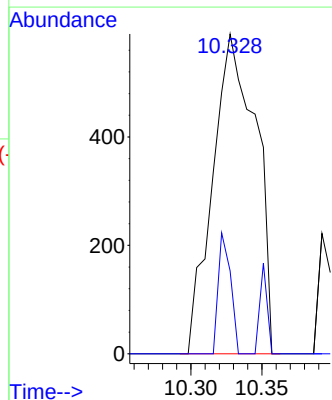
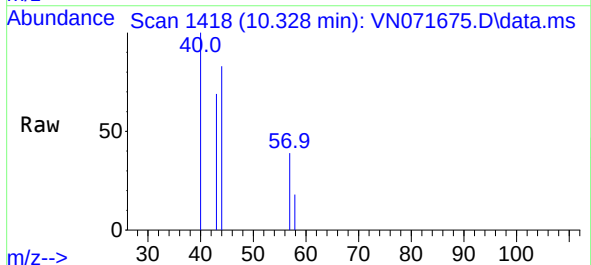
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

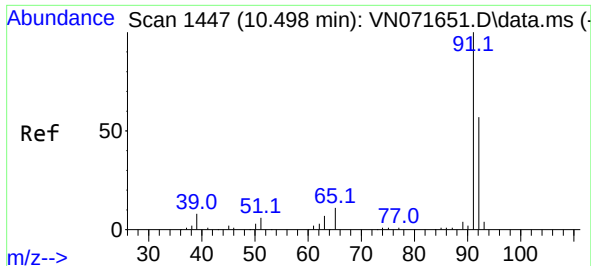
Tgt Ion: 98 Resp: 1440516
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.125 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
58 0.0 34.1 51.1#

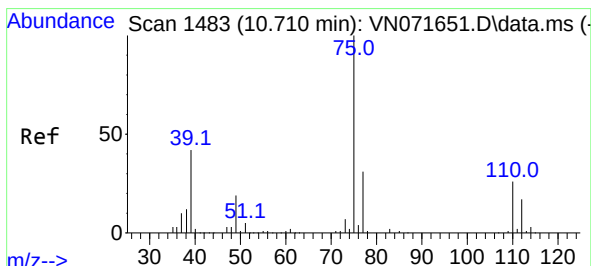
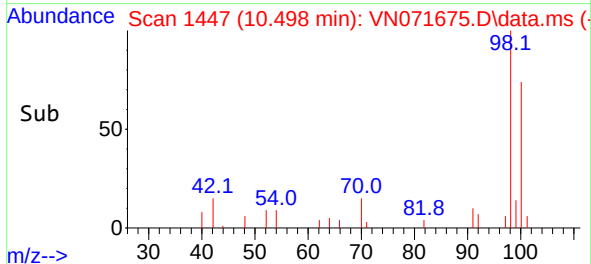
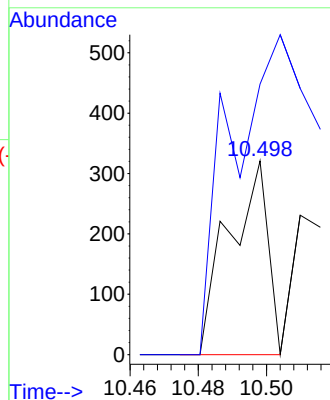
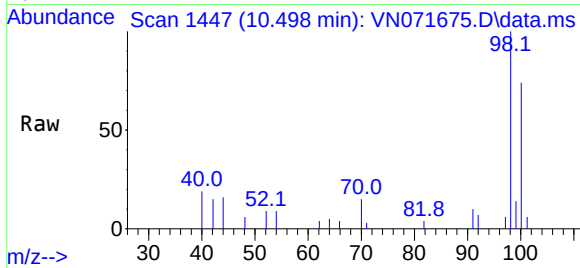




#52
Toluene
Concen: 0.013 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

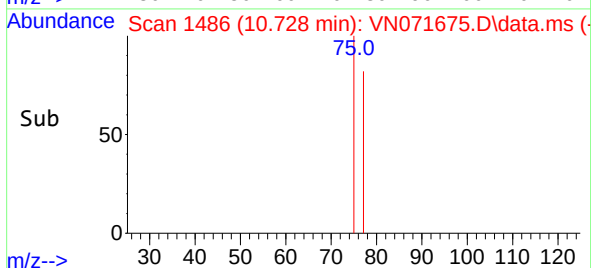
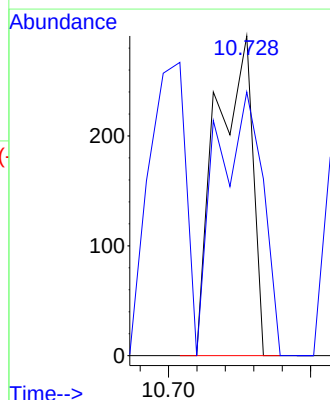
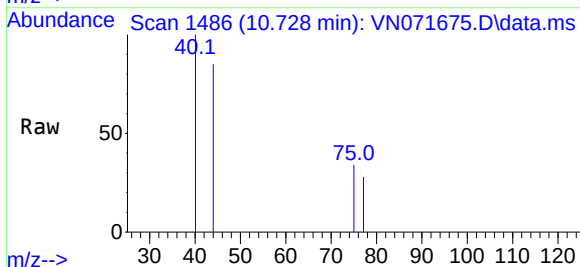
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

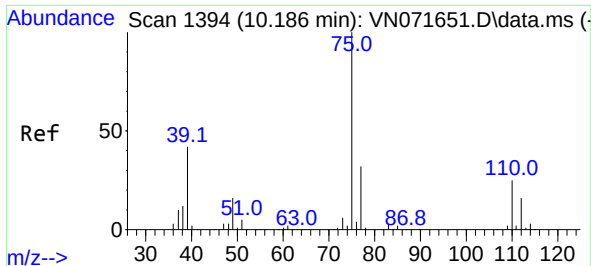
Tgt Ion: 92 Resp: 255
Ion Ratio Lower Upper
92 100
91 378.8 138.6 207.8#



#53
t-1,3-Dichloropropene
Concen: 0.025 ug/l
RT: 10.728 min Scan# 1486
Delta R.T. 0.018 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 75 Resp: 258
Ion Ratio Lower Upper
75 100
77 82.5 25.6 38.4#

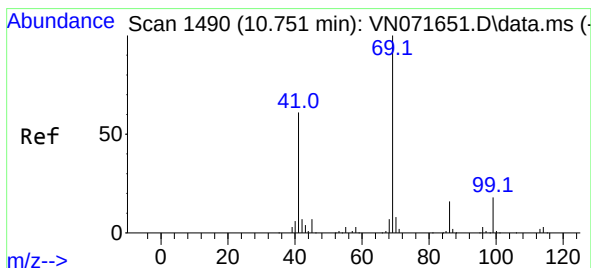
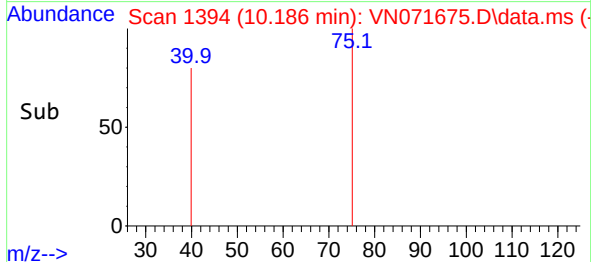
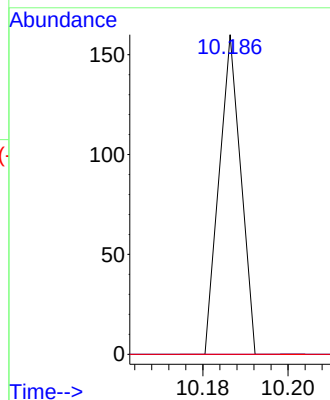
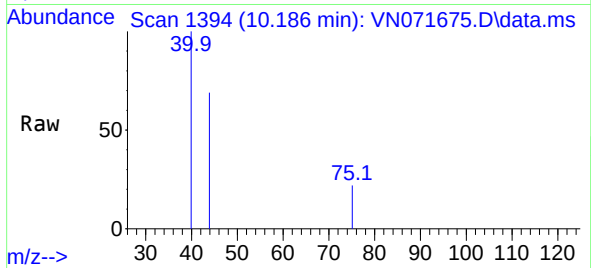




#54
cis-1,3-Dichloropropene
Concen: 0.005 ug/l
RT: 10.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

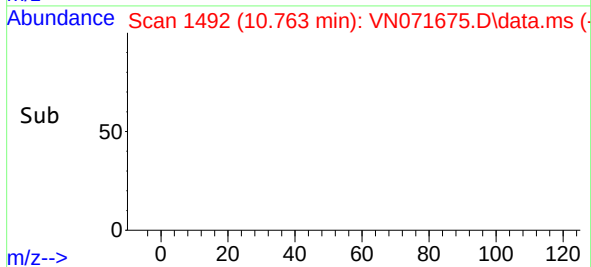
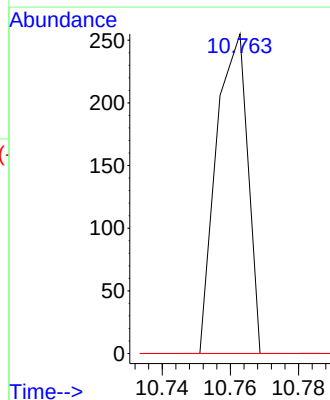
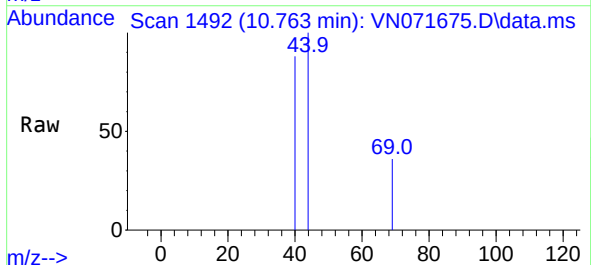
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

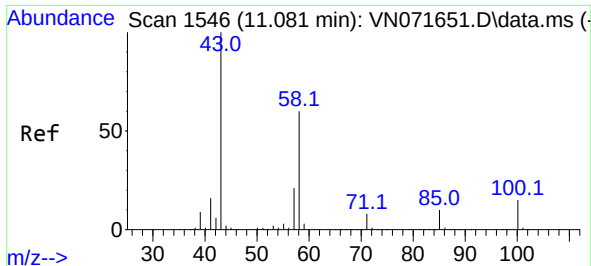
Tgt Ion: 75 Resp: 56
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#
39 0.0 35.7 53.5#



#56
Ethyl methacrylate
Concen: 0.015 ug/l
RT: 10.763 min Scan# 1492
Delta R.T. 0.012 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 69 Resp: 163
Ion Ratio Lower Upper
69 100
41 0.0 47.8 71.6#
39 0.0 27.3 40.9#

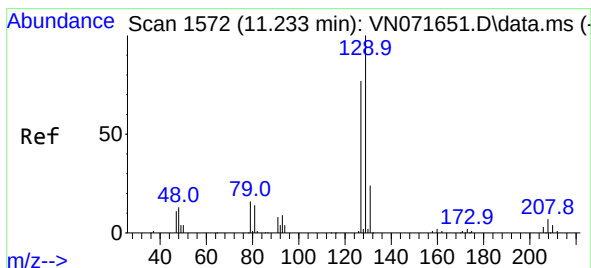
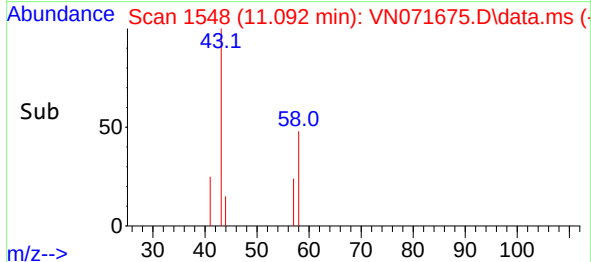
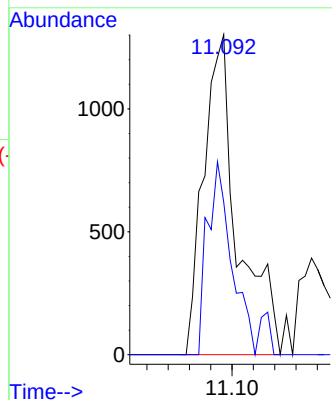
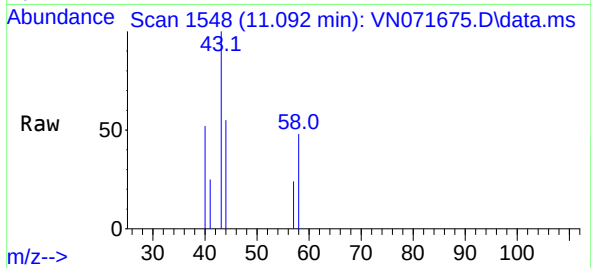




#59
2-Hexanone
Concen: 0.413 ug/l
RT: 11.092 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

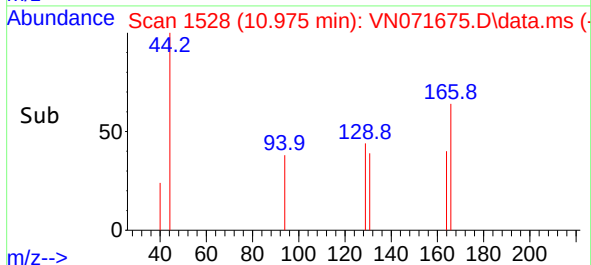
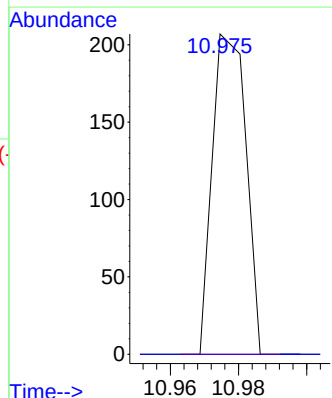
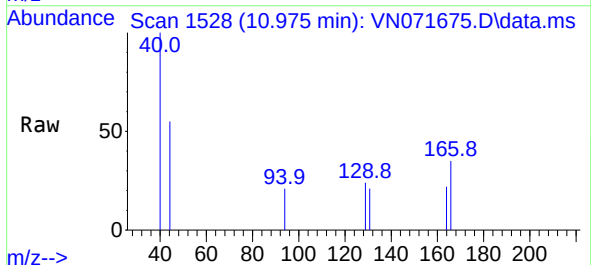
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

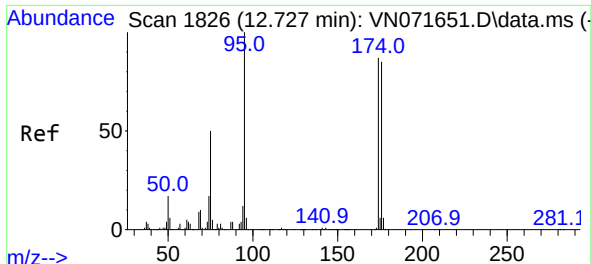
Tgt Ion: 43 Resp: 2888
Ion Ratio Lower Upper
43 100
58 43.0 29.7 89.1



#60
Dibromochloromethane
Concen: 0.019 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.258 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 129 Resp: 142
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

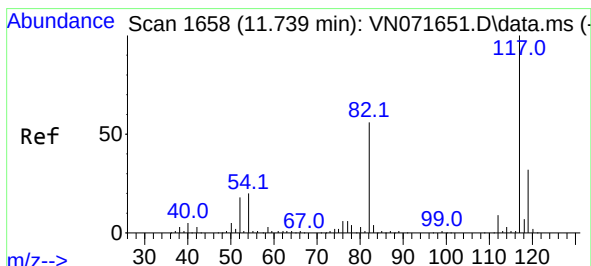
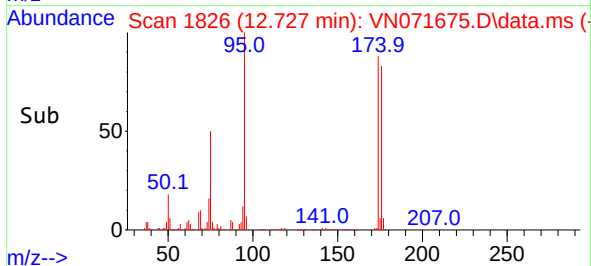
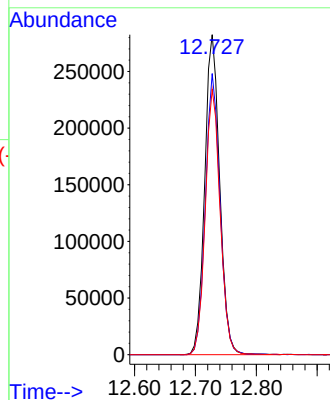
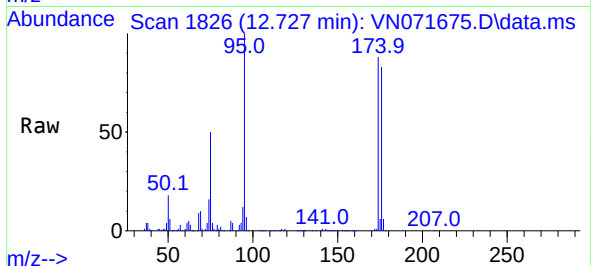




#62
4-Bromofluorobenzene
Concen: 53.652 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

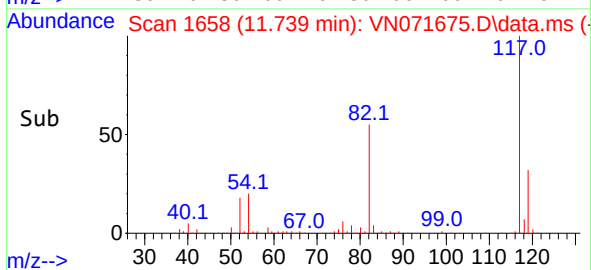
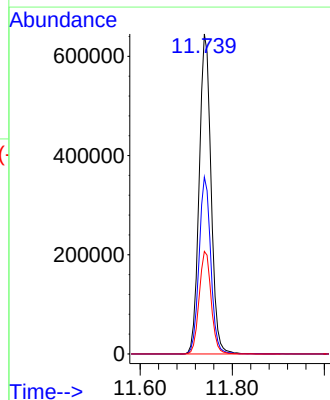
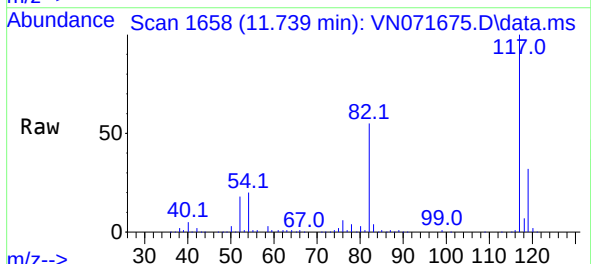
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

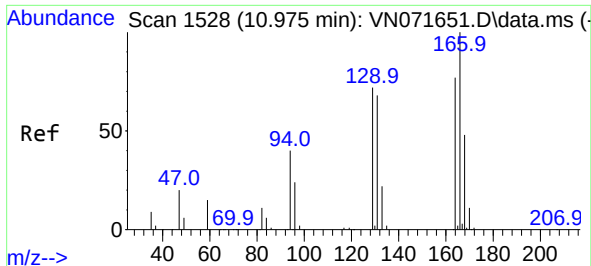
Tgt Ion: 95 Resp: 482529
Ion Ratio Lower Upper
95 100
174 86.3 0.0 167.6
176 82.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

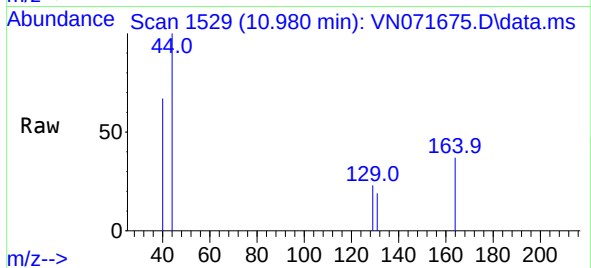
Tgt Ion: 117 Resp: 1152383
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.1 25.4 38.0



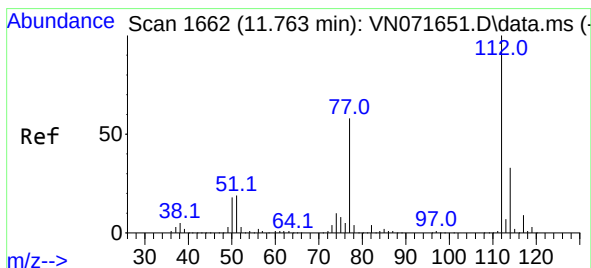
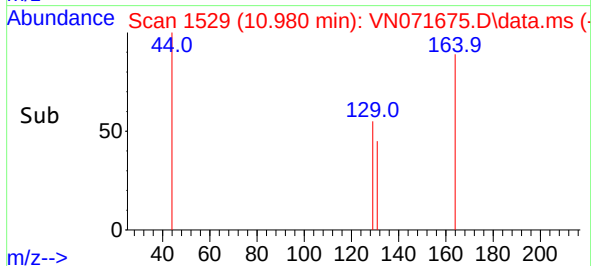
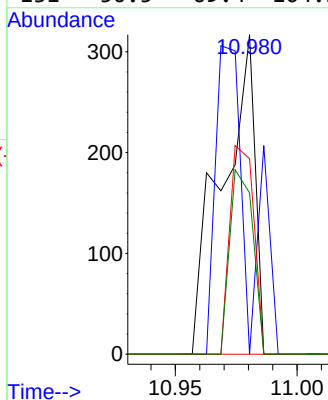


#64
Tetrachloroethene
Concen: 0.039 ug/l
RT: 10.980 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

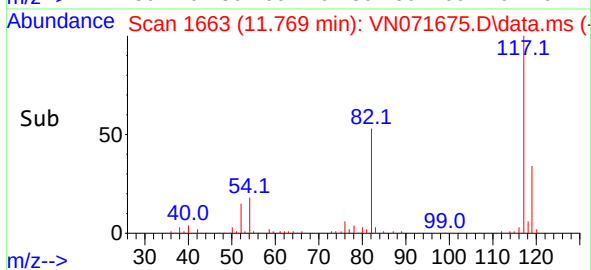
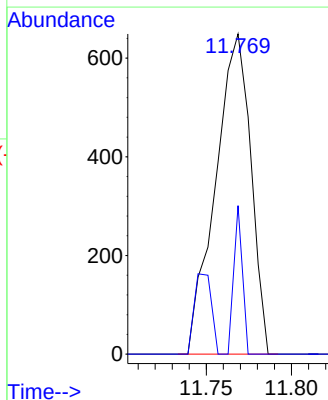
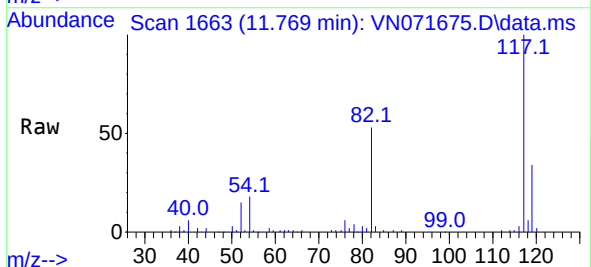


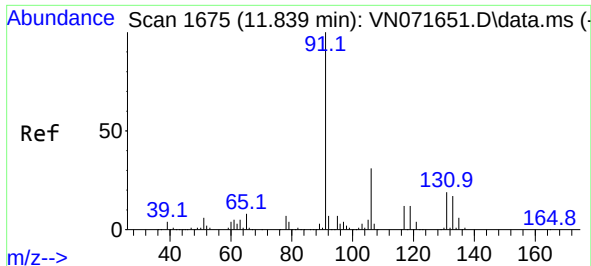
Tgt Ion:164 Resp: 299
Ion Ratio Lower Upper
164 100
166 0.0 104.2 156.2#
129 61.2 73.9 110.9#
131 50.5 69.4 104.2#



#65
Chlorobenzene
Concen: 0.041 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion:112 Resp: 935
Ion Ratio Lower Upper
112 100
114 46.4 25.4 38.2#

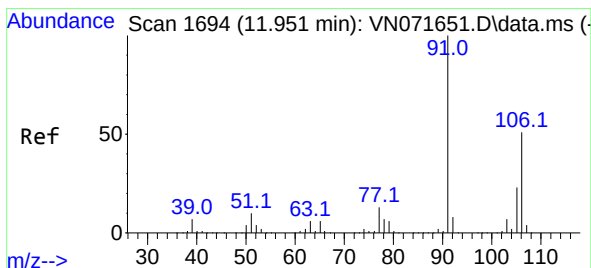
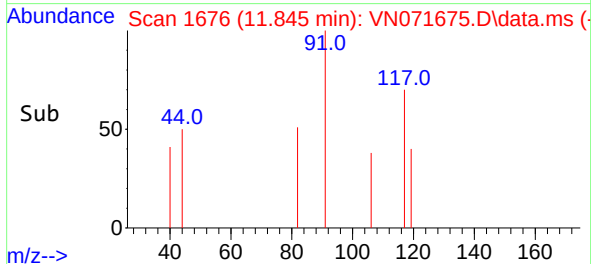
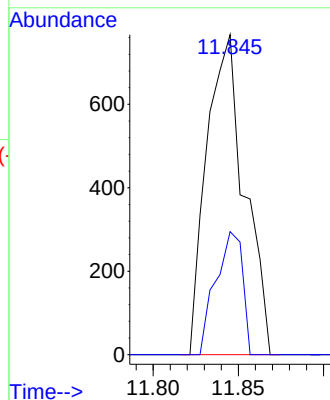
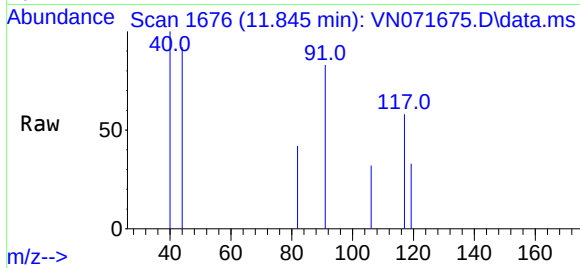




#67
Ethyl Benzene
Concen: 0.030 ug/l
RT: 11.845 min Scan# 1183
Delta R.T. 0.006 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

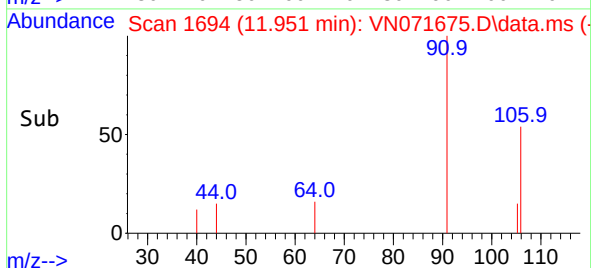
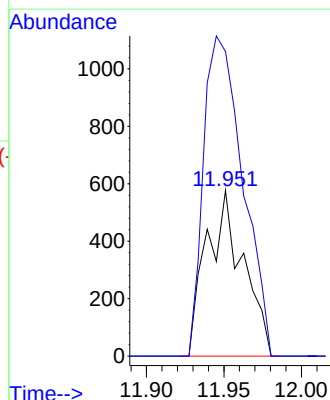
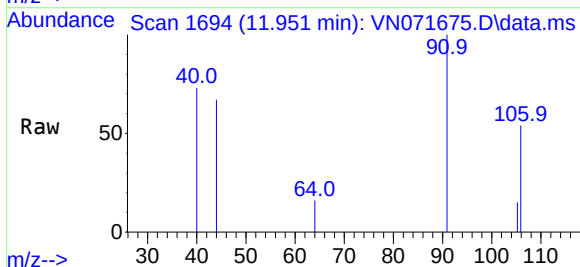
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

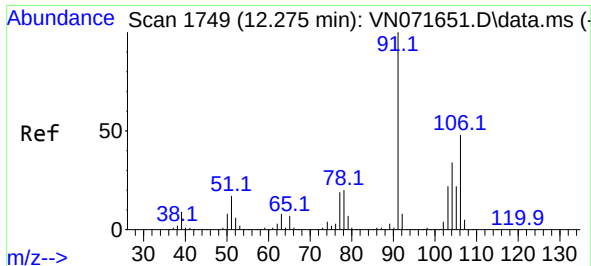
Tgt Ion: 91 Resp: 1183
Ion Ratio Lower Upper
91 100
106 38.5 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.063 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion:106 Resp: 947
Ion Ratio Lower Upper
106 100
91 207.6 158.9 238.3

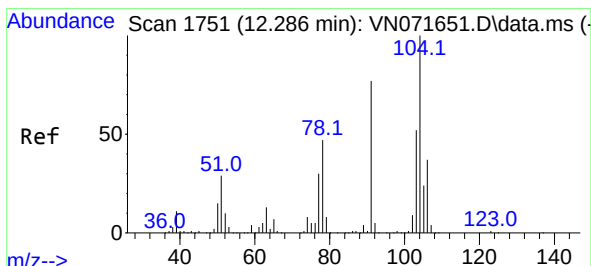
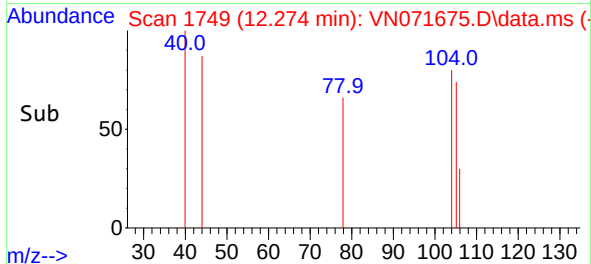
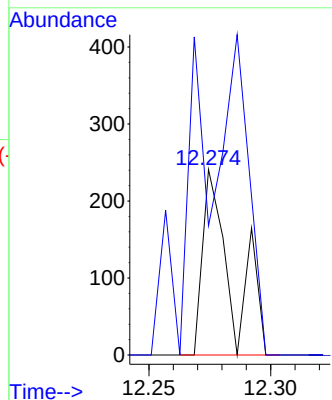
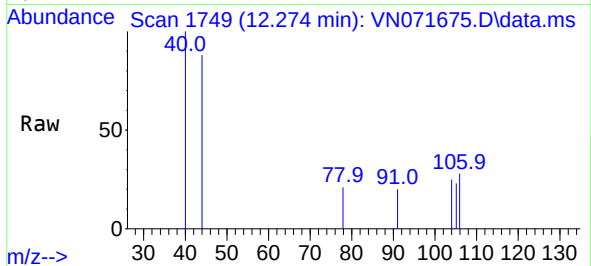




#69
o-Xylene
Concen: 0.013 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

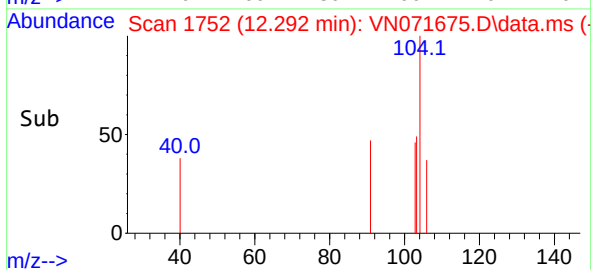
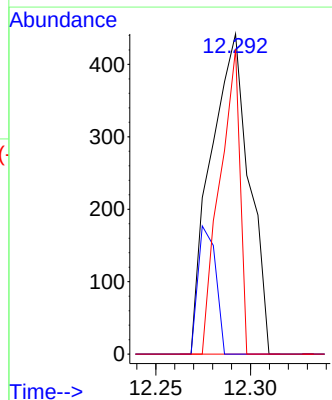
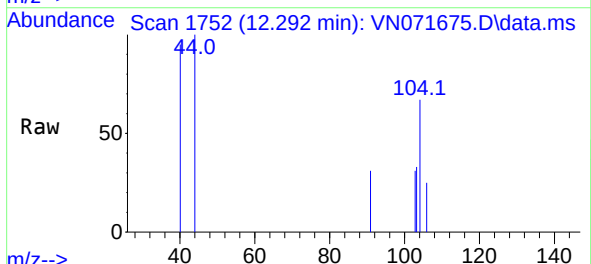
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

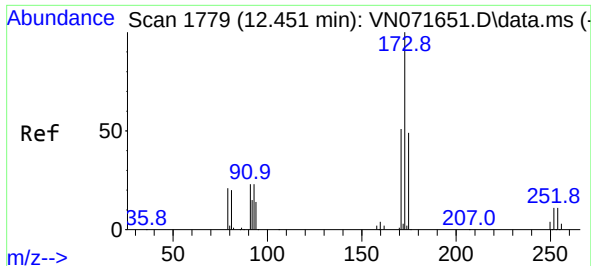
Tgt Ion:106 Resp: 197
Ion Ratio Lower Upper
106 100
91 296.4 106.0 318.0



#70
Styrene
Concen: 0.028 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion:104 Resp: 623
Ion Ratio Lower Upper
104 100
78 18.5 39.5 59.3#
103 50.2 44.0 66.0

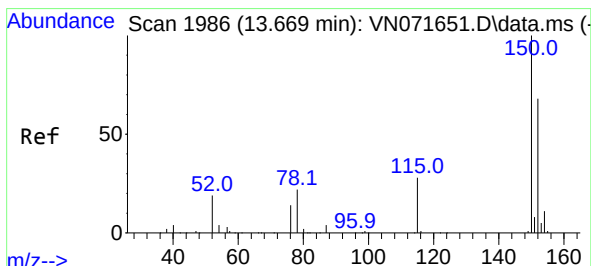
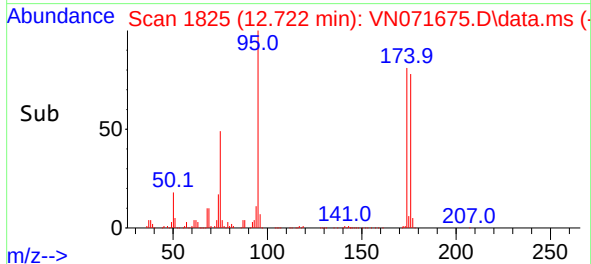
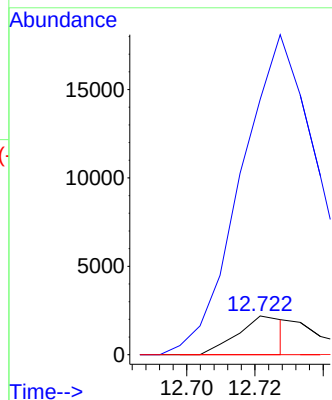
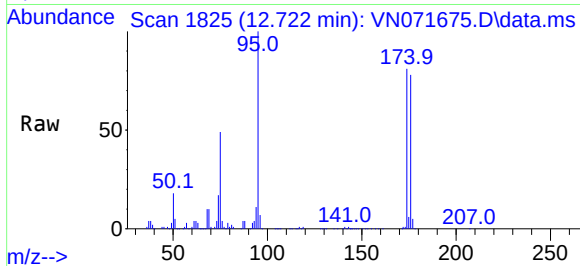




#71
Bromoform
Concen: 0.333 ug/l
RT: 12.722 min Scan# 1779
Delta R.T. 0.271 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

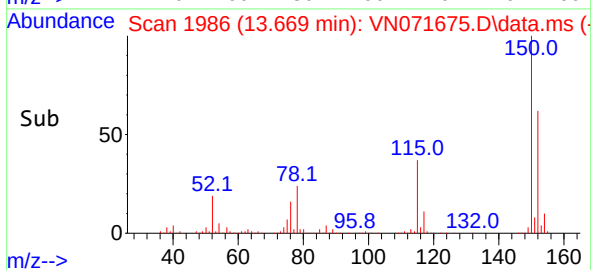
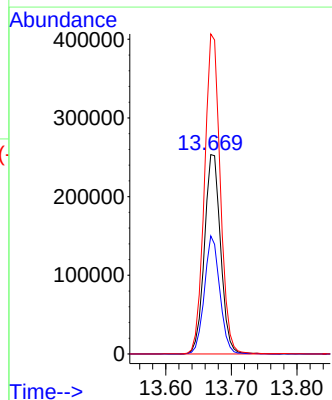
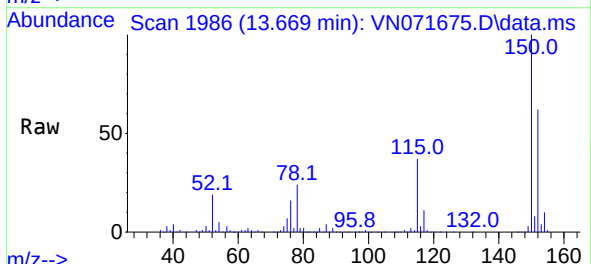
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

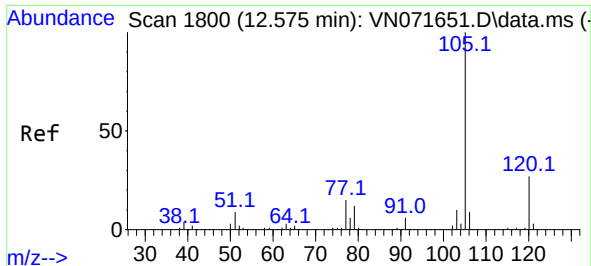
Tgt Ion:173 Resp: 2112
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion:152 Resp: 435944
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 156.8 0.0 356.2

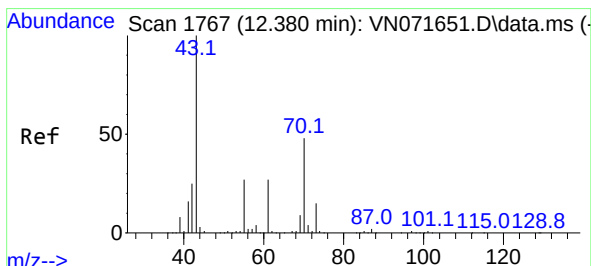
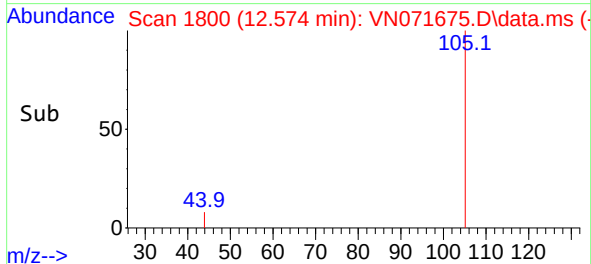
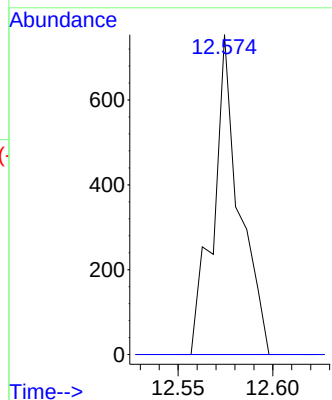
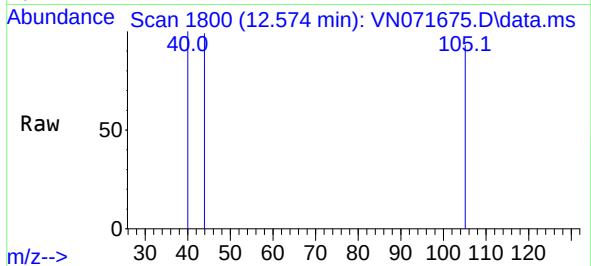




#73
Isopropylbenzene
Concen: 0.020 ug/l
RT: 12.574 min Scan# 1769
Delta R.T. -0.001 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

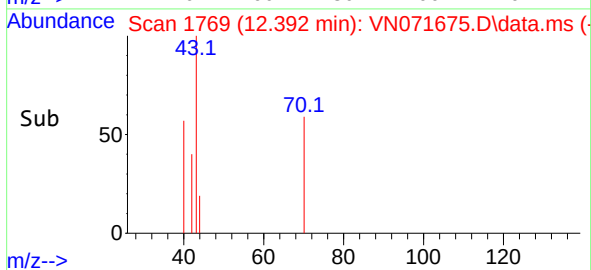
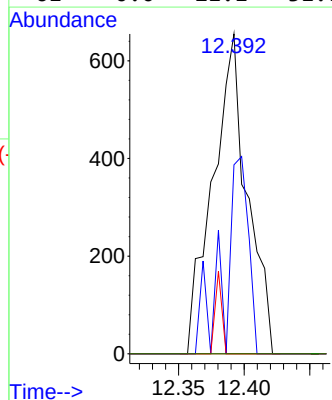
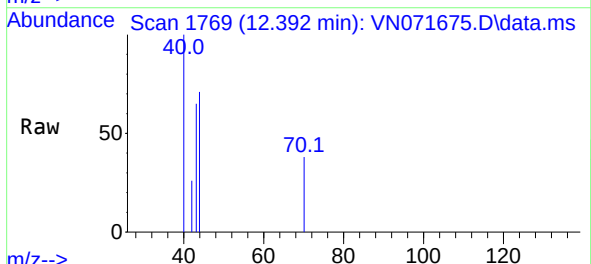
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

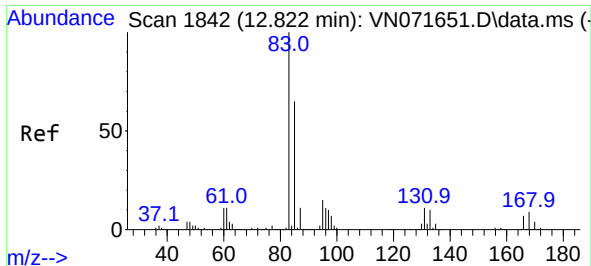
Tgt Ion:105 Resp: 721
Ion Ratio Lower Upper
105 100
120 0.0 13.5 40.4#



#74
N-ethyl acetate
Concen: 0.114 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.012 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
70 37.7 39.0 58.4#
55 5.0 21.1 31.7#
61 0.0 21.1 31.7#

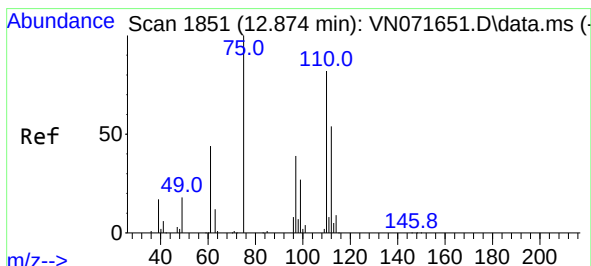
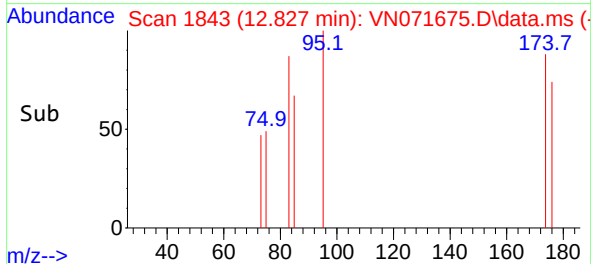
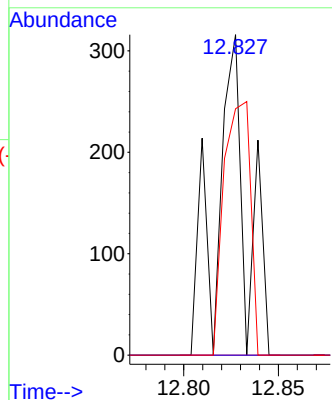
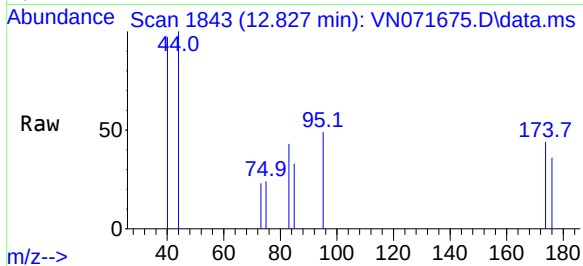




#75
1,1,2,2-Tetrachloroethane
Concen: 0.028 ug/l
RT: 12.827 min Scan# 1842
Delta R.T. 0.005 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

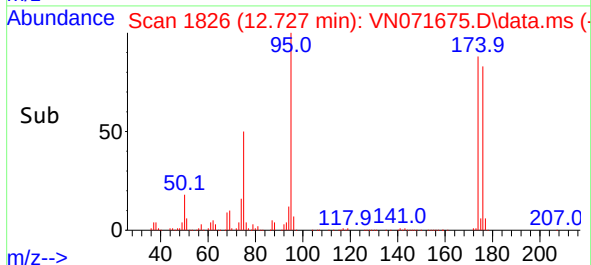
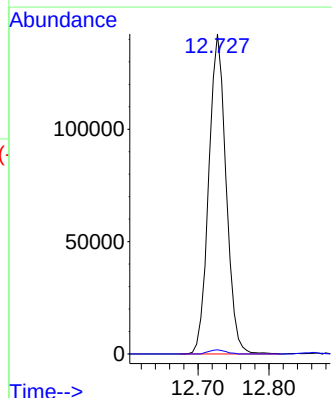
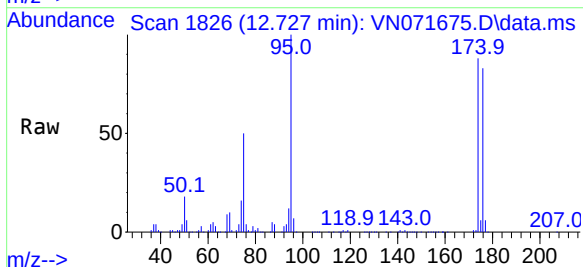
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

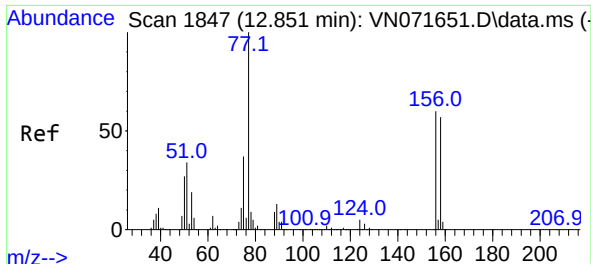
Tgt Ion: 83 Resp: 348
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 69.8 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 23.925 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 75 Resp: 241620
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#

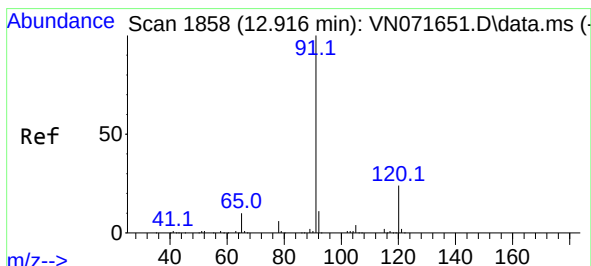
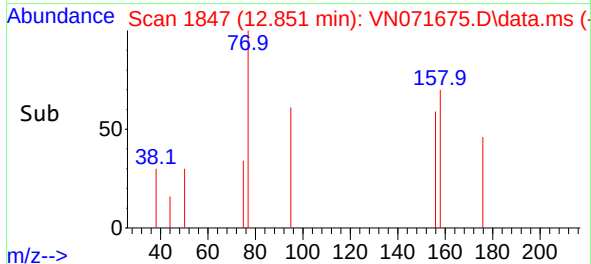
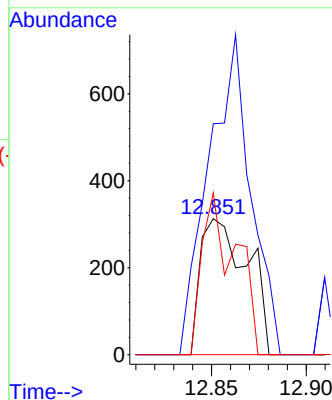
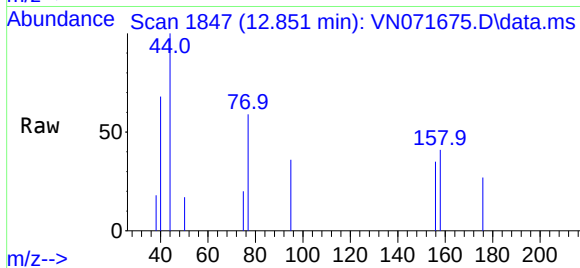




#77
Bromobenzene
Concen: 0.059 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

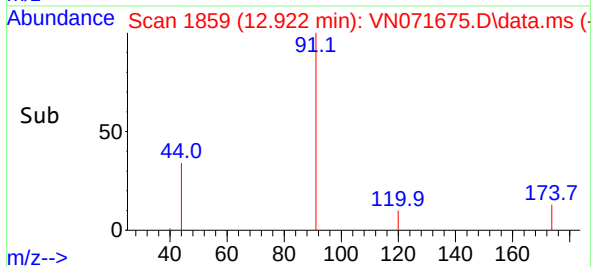
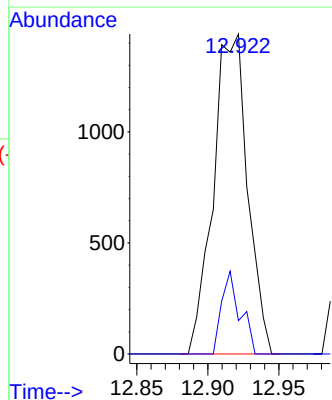
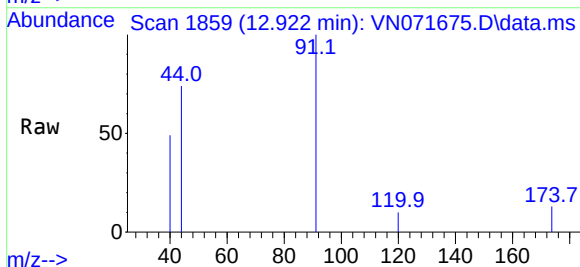
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

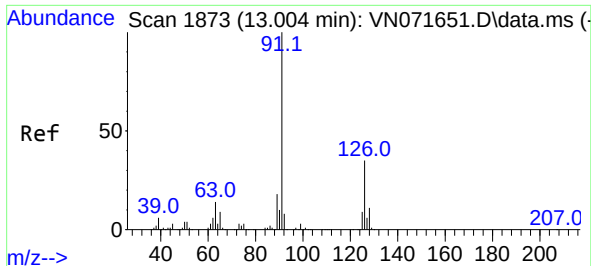
Tgt Ion:156 Resp: 539
Ion Ratio Lower Upper
156 100
77 210.8 100.5 301.5
158 86.1 48.9 146.6



#78
n-propylbenzene
Concen: 0.062 ug/l
RT: 12.922 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 91 Resp: 2414
Ion Ratio Lower Upper
91 100
120 13.9 11.9 35.5

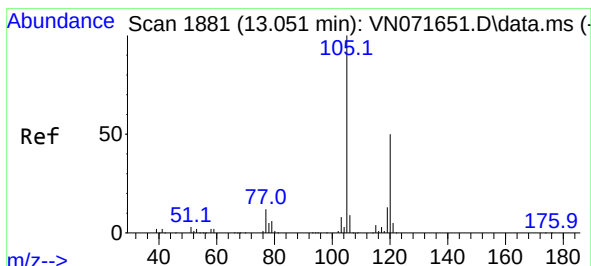
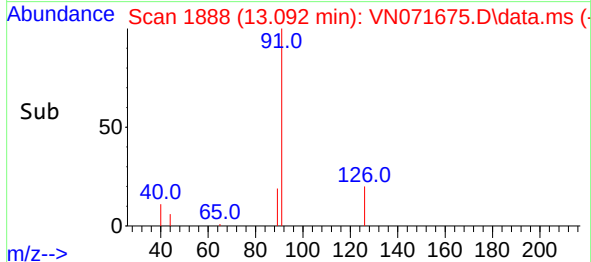
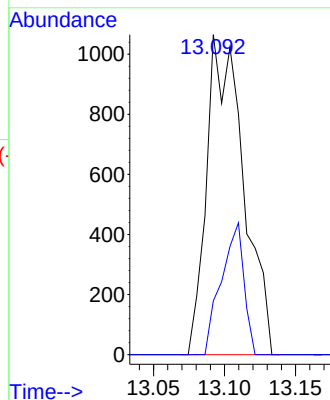
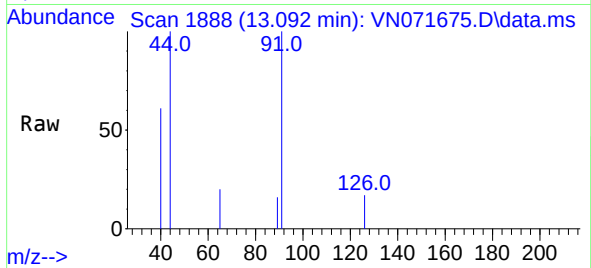




#79
2-Chlorotoluene
Concen: 0.077 ug/l
RT: 13.092 min Scan# 1888
Delta R.T. 0.088 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

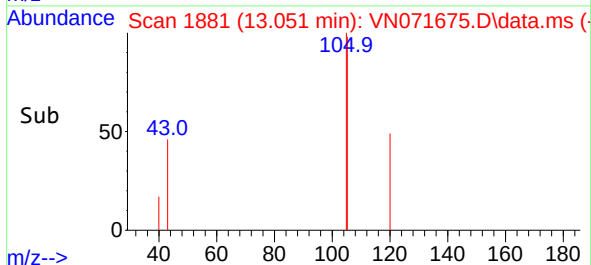
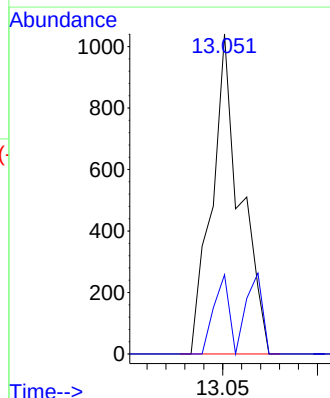
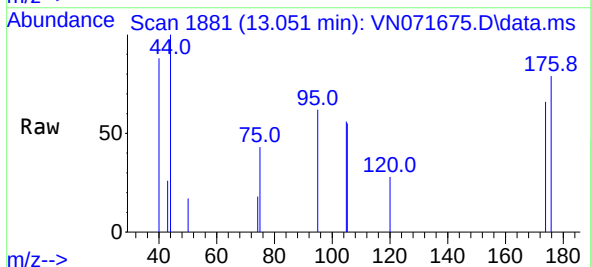
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

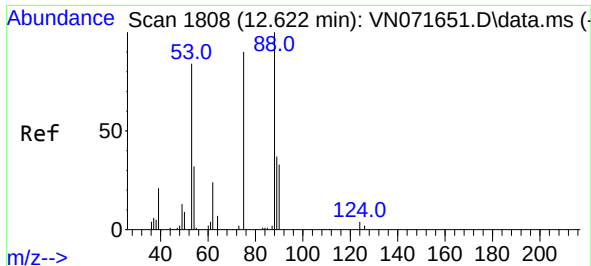
Tgt Ion: 91 Resp: 1910
Ion Ratio Lower Upper
91 100
126 25.4 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 0.037 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 105 Resp: 1085
Ion Ratio Lower Upper
105 100
120 13.3 24.9 74.7#

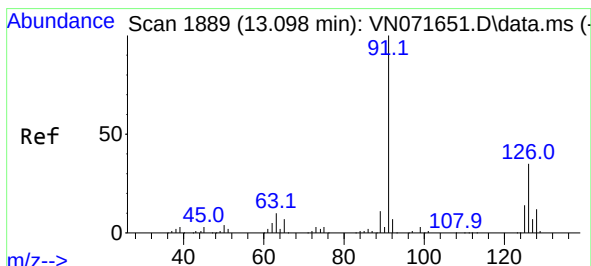
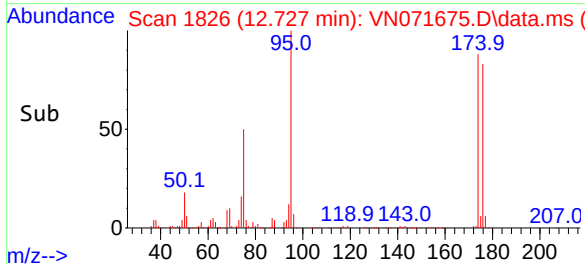
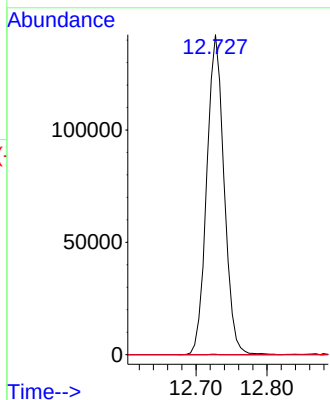
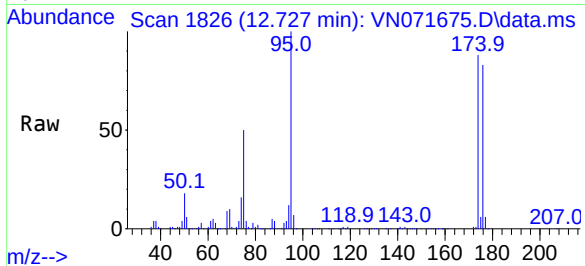




#81
trans-1,4-Dichloro-2-butene
Concen: 74.143 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

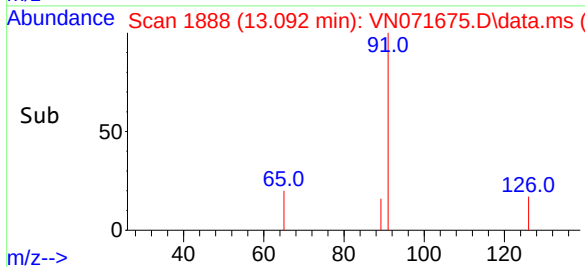
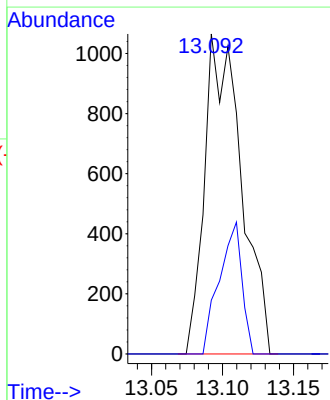
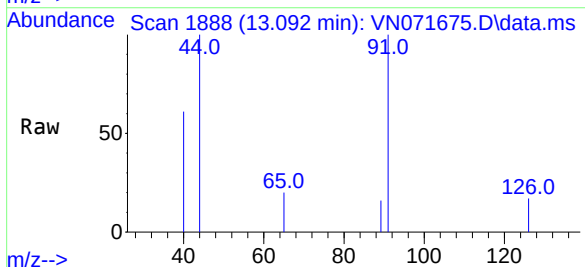
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

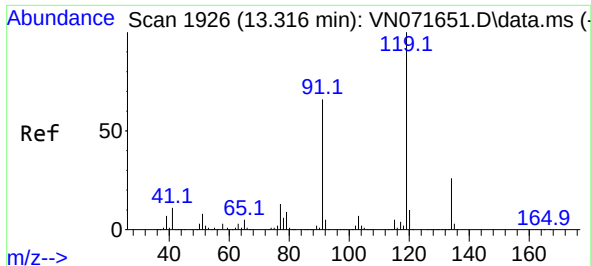
Tgt Ion: 75 Resp: 241620
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.083 ug/l
RT: 13.092 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 91 Resp: 1910
Ion Ratio Lower Upper
91 100
126 25.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 0.015 ug/l

RT: 13.316 min Scan# 1926

Delta R.T. -0.000 min

Lab File: VN071675.D

Acq: 30 Mar 2022 22:32

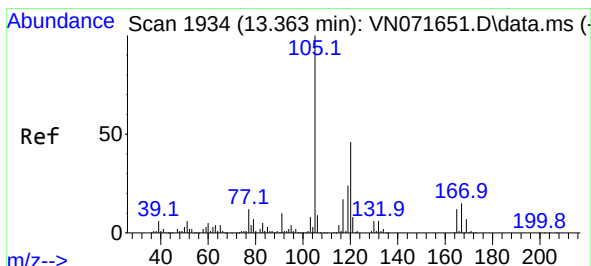
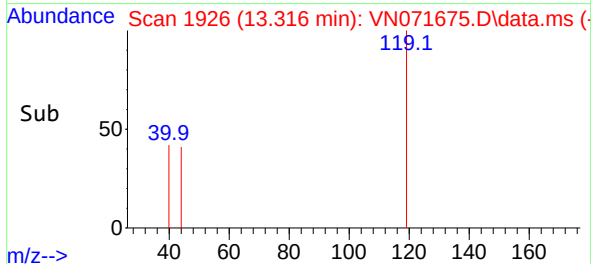
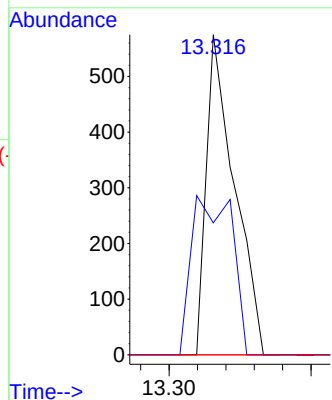
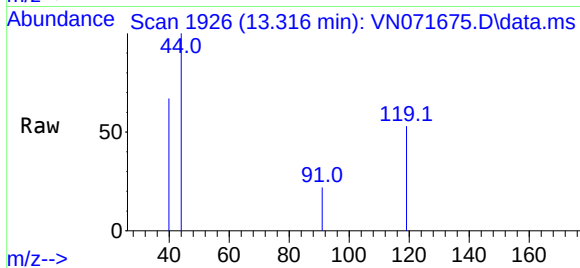
Instrument :

MSVOA_N

ClientSampleId :

VN0330WBL02

Tgt Ion:119	Resp:	395
Ion	Ratio	Lower Upper
119	100	
91	71.6	31.6 94.8
134	0.0	13.7 41.1#



#84

1,2,4-Trimethylbenzene

Concen: 0.041 ug/l

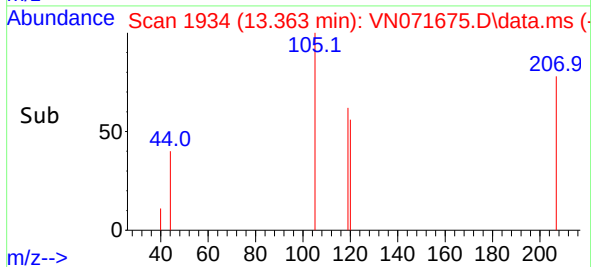
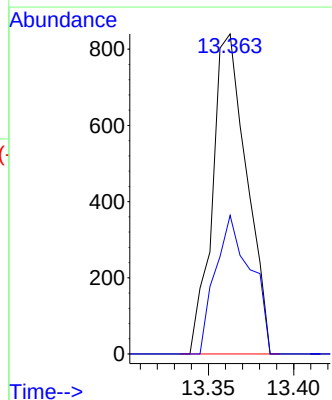
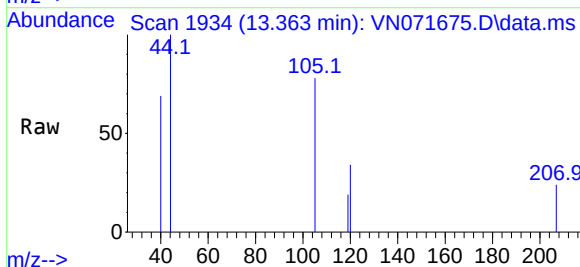
RT: 13.363 min Scan# 1934

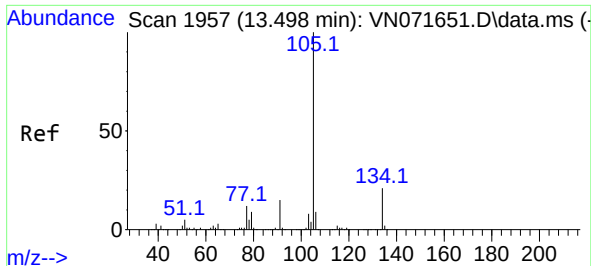
Delta R.T. -0.000 min

Lab File: VN071675.D

Acq: 30 Mar 2022 22:32

Tgt Ion:105	Resp:	1176
Ion	Ratio	Lower Upper
105	100	
120	44.6	23.3 69.8

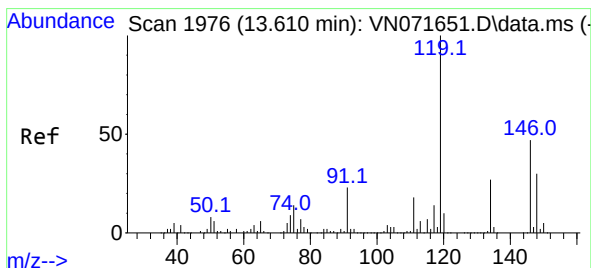
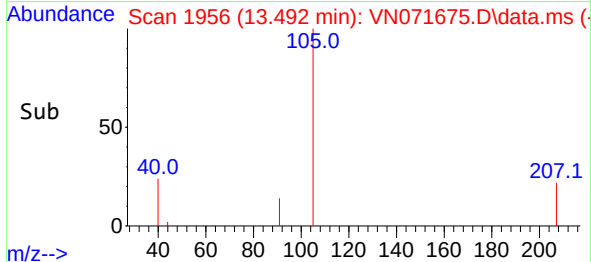
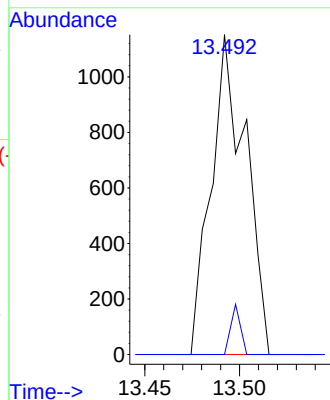
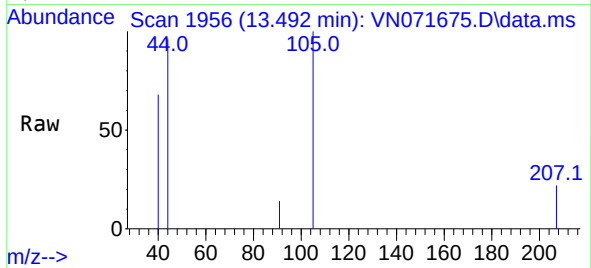




#85
 sec-Butylbenzene
 Concen: 0.042 ug/l
 RT: 13.492 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN071675.D
 Acq: 30 Mar 2022 22:32

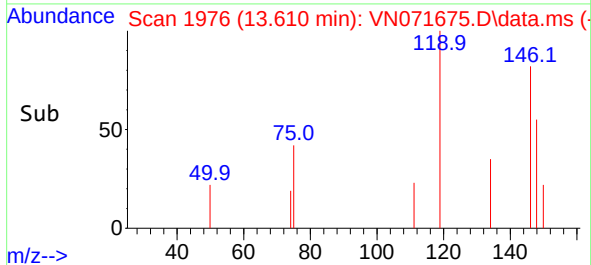
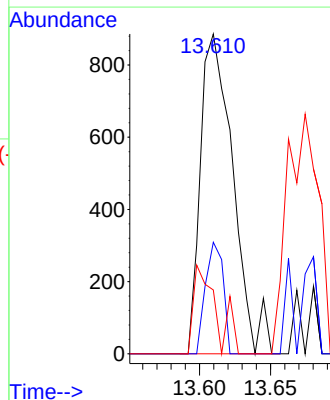
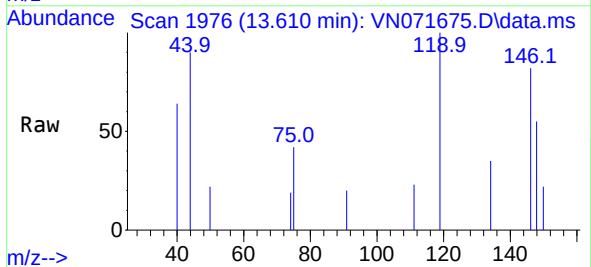
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBL02

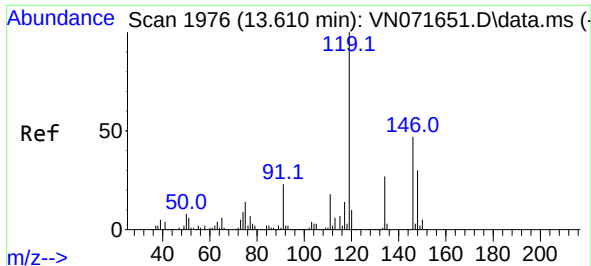
Tgt Ion:105 Resp: 1465
 Ion Ratio Lower Upper
 105 100
 134 4.4 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.051 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071675.D
 Acq: 30 Mar 2022 22:32

Tgt Ion:119 Resp: 1409
 Ion Ratio Lower Upper
 119 100
 134 18.9 13.3 39.8
 91 19.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.090 ug/l

RT: 13.621 min Scan# 1978

Delta R.T. 0.011 min

Lab File: VN071675.D

Acq: 30 Mar 2022 22:32

Instrument :

MSVOA_N

ClientSampleId :

VN0330WBL02

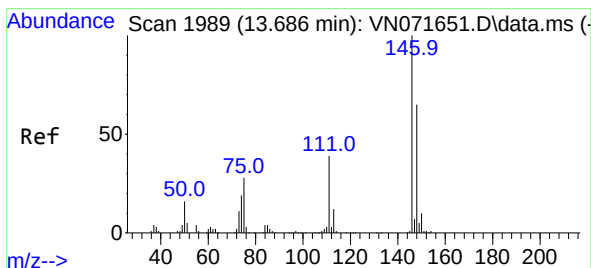
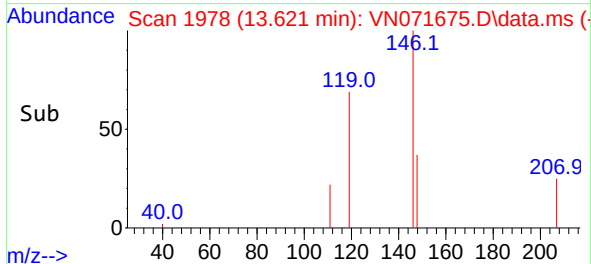
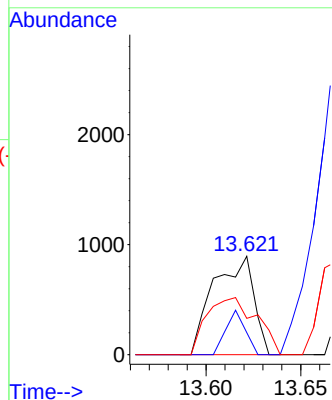
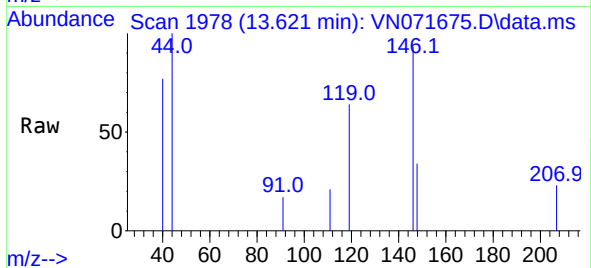
Tgt Ion:146 Resp: 1320

Ion Ratio Lower Upper

146 100

111 21.7 20.0 60.0

148 71.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.092 ug/l

RT: 13.621 min Scan# 1978

Delta R.T. -0.065 min

Lab File: VN071675.D

Acq: 30 Mar 2022 22:32

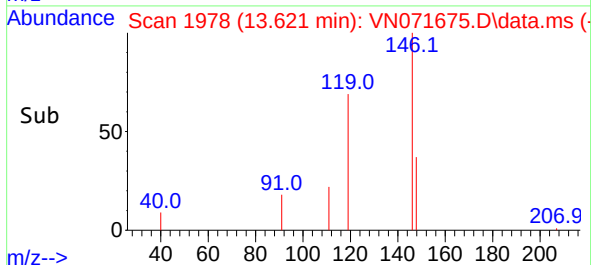
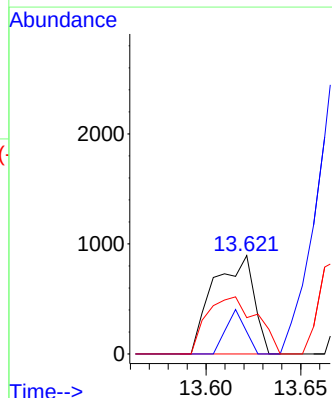
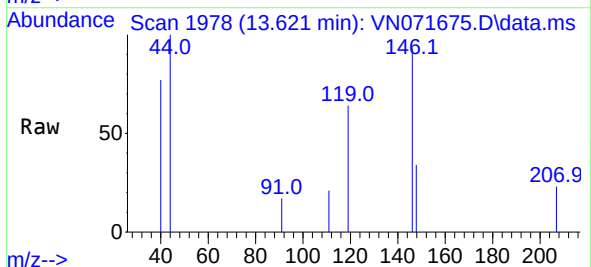
Tgt Ion:146 Resp: 1320

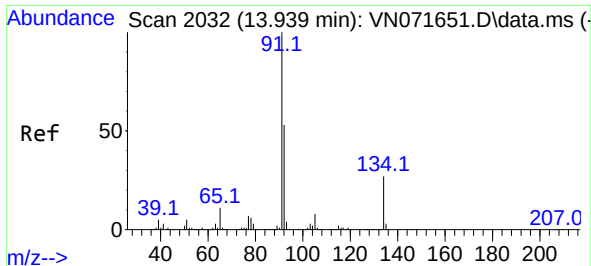
Ion Ratio Lower Upper

146 100

111 21.7 19.1 57.1

148 71.4 31.4 94.3

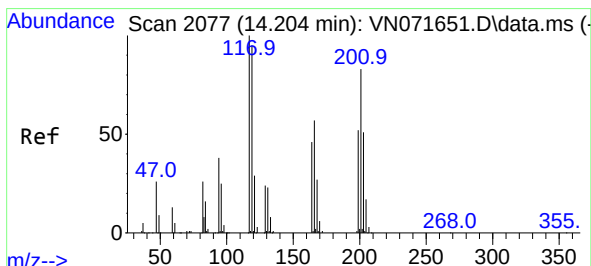
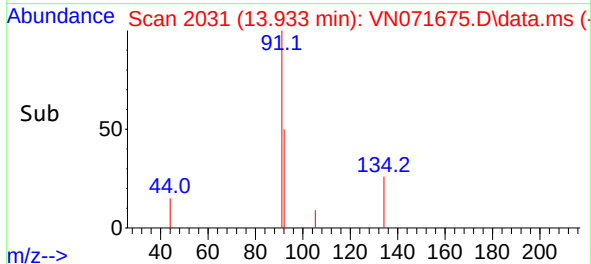
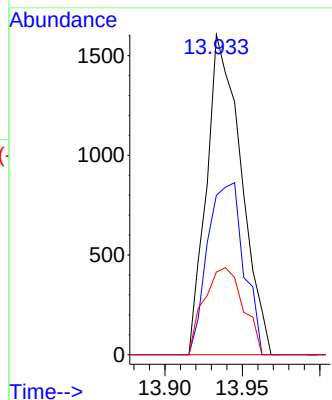
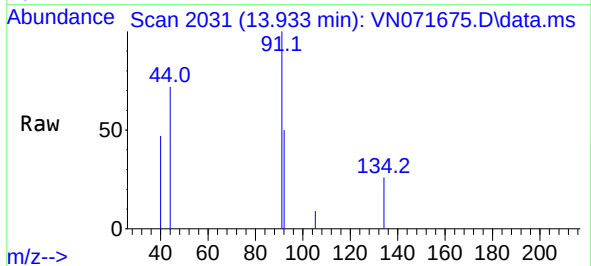




#89
n-Butylbenzene
Concen: 0.122 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

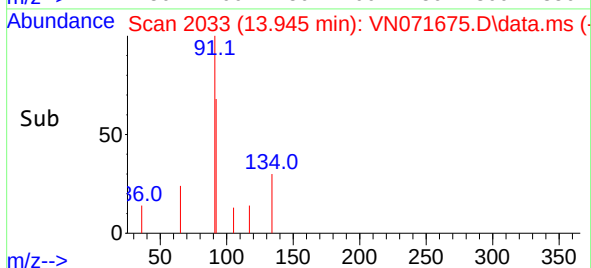
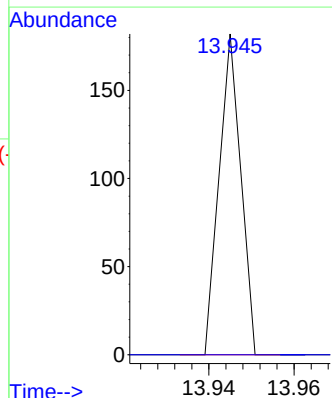
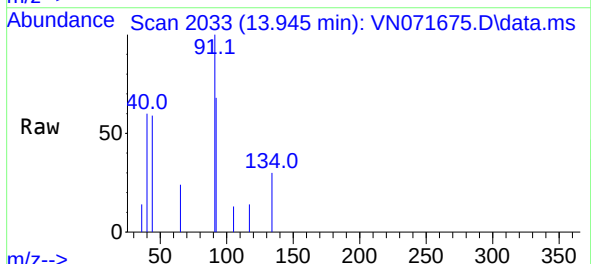
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

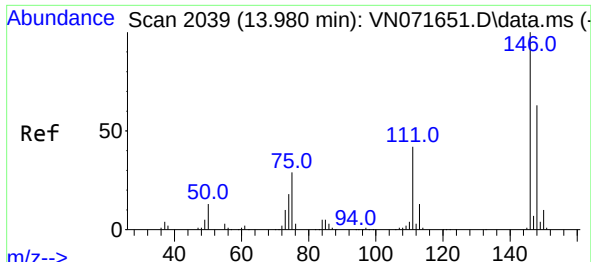
Tgt Ion: 91 Resp: 2490
Ion Ratio Lower Upper
91 100
92 56.3 26.9 80.7
134 30.7 13.6 40.8



#90
Hexachloroethane
Concen: 0.013 ug/l
RT: 13.945 min Scan# 2033
Delta R.T. -0.259 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion: 117 Resp: 64
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#





#91

1,2-Dichlorobenzene

Concen: 0.088 ug/l

RT: 13.980 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN071675.D

Acq: 30 Mar 2022 22:32

Instrument :

MSVOA_N

ClientSampleId :

VN0330WBL02

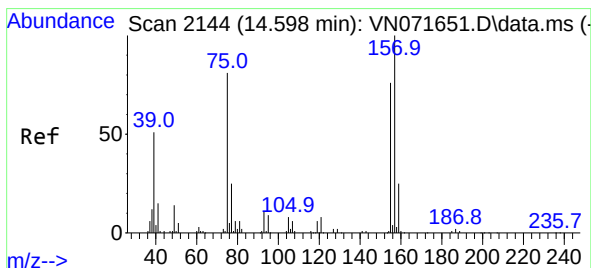
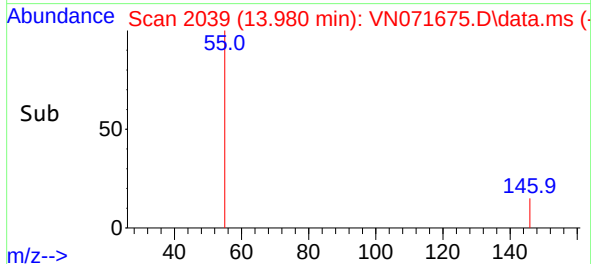
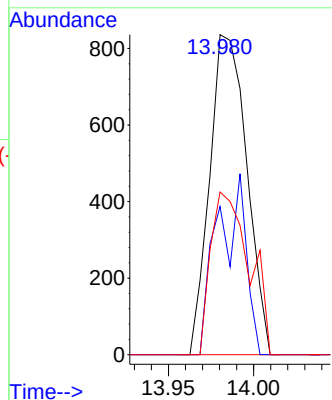
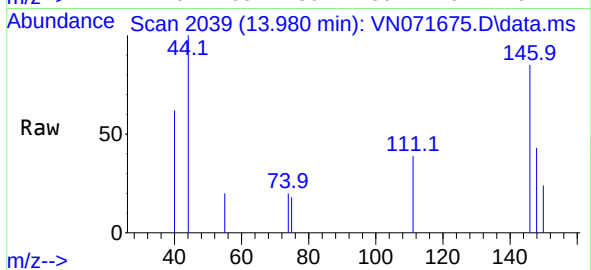
Tgt Ion:146 Resp: 1267

Ion Ratio Lower Upper

146 100

111 42.9 20.9 62.8

148 52.7 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.037 ug/l

RT: 14.604 min Scan# 2145

Delta R.T. 0.006 min

Lab File: VN071675.D

Acq: 30 Mar 2022 22:32

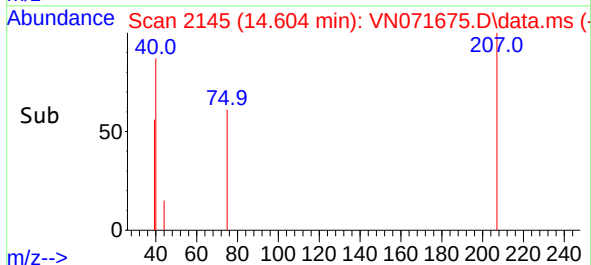
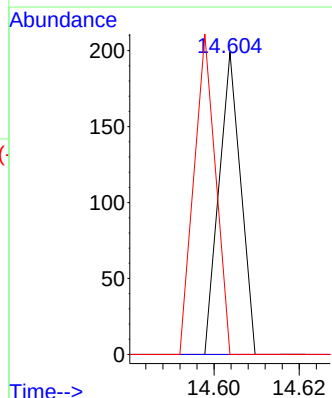
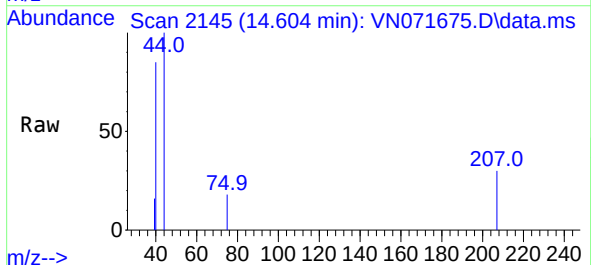
Tgt Ion: 75 Resp: 70

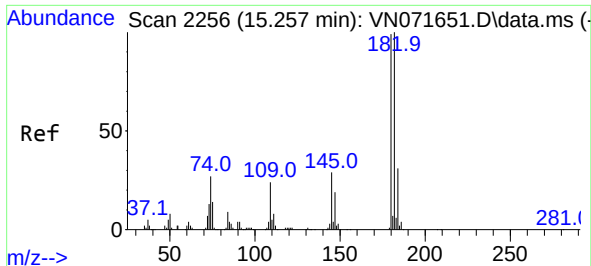
Ion Ratio Lower Upper

75 100

155 0.0 44.9 134.5#

157 105.7 59.0 176.8

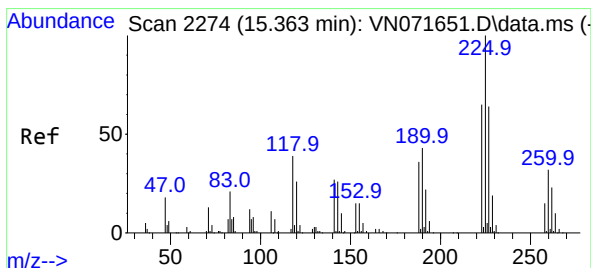
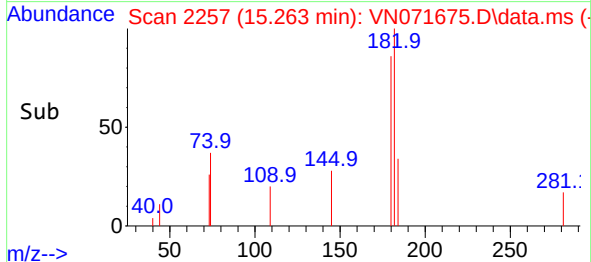
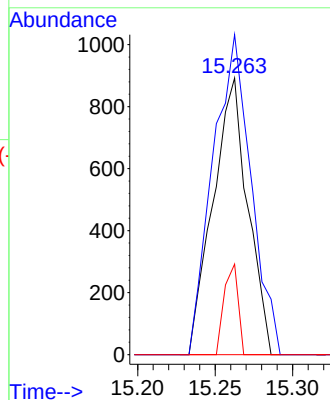
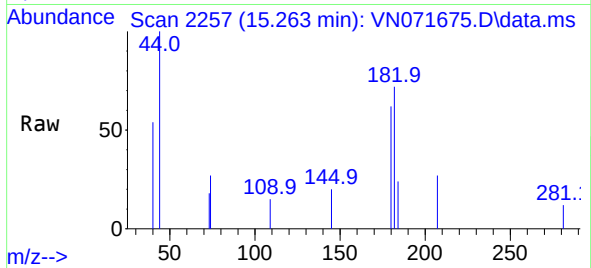




#93
1,2,4-Trichlorobenzene
Concen: 2.278 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

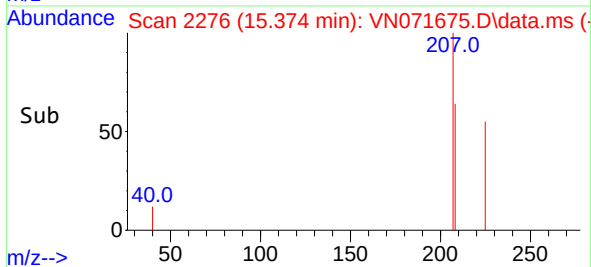
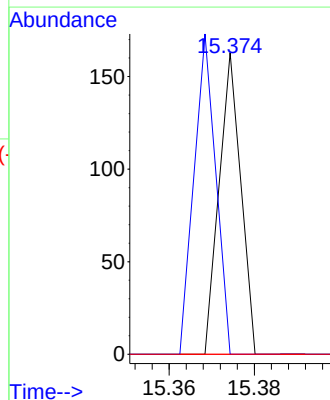
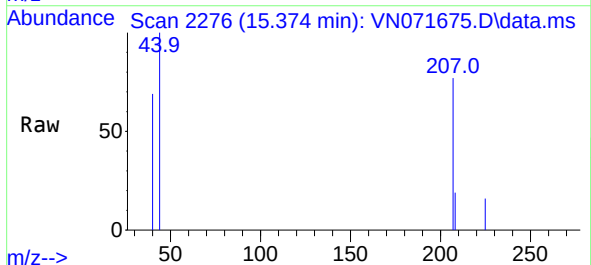
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

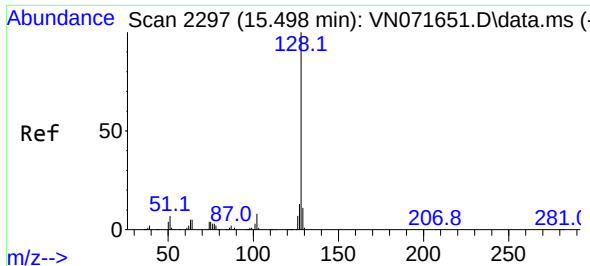
Tgt Ion	Ratio	Lower	Upper
180	100		
182	126.5	47.5	142.5
145	13.1	14.5	43.5#



#94
Hexachlorobutadiene
Concen: 0.014 ug/l
RT: 15.374 min Scan# 2276
Delta R.T. 0.011 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	105.2	32.4	97.2#
227	0.0	31.8	95.4#

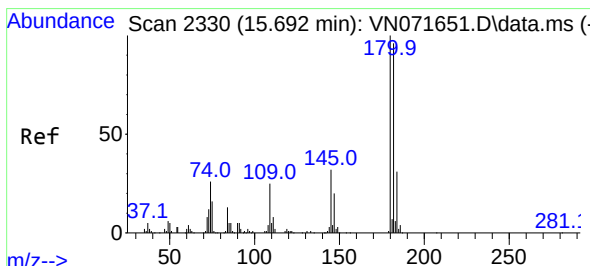
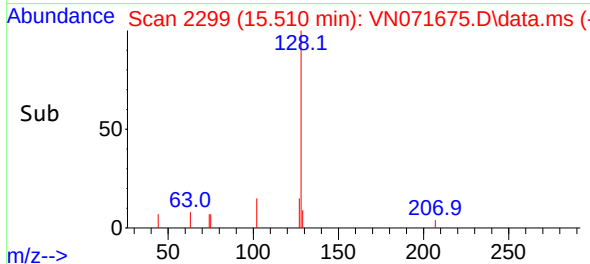
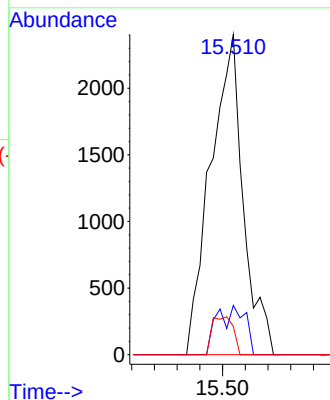
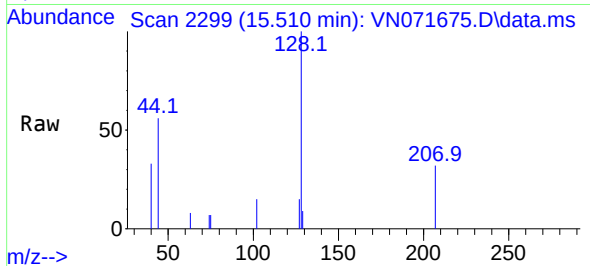




#95
Naphthalene
Concen: 4.026 ug/l
RT: 15.510 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

Tgt Ion:128 Resp: 4797
Ion Ratio Lower Upper
128 100
127 5.9 10.3 15.5#
129 7.7 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.693 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071675.D
Acq: 30 Mar 2022 22:32

Tgt Ion:180 Resp: 1969
Ion Ratio Lower Upper
180 100
182 83.3 47.8 143.3
145 20.5 15.5 46.5

