

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
 Data File : VN066454.D
 Acq On : 1 Apr 2021 14:37
 Operator : JC/MD
 Sample : M1883-03ME
 Misc : 5.72g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 V-211ME

Quant Time: Apr 02 04:50:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.579	168	388703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	582071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	548912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	302109	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	255128	49.37	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.74%
35) Dibromofluoromethane	7.504	113	202718	52.53	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.06%
50) Toluene-d8	10.025	98	833957	56.98	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	113.96%#
62) 4-Bromofluorobenzene	12.345	95	315116	61.98	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	123.96%#

Target Compounds						Qvalue
3) Chloromethane	2.017	50	3005	Below Cal		91
13) Acrolein	3.527	56	3712	Below Cal		83
16) Acetone	3.744	43	13259	4.75	ug/l	99
18) Methyl Acetate	4.237	43	11375	1.56	ug/l #	87
20) Methylene Chloride	4.441	84	1768	Below Cal	#	79
25) 2-Butanone	6.750	43	679	0.22	ug/l #	63
31) Cyclohexane	7.555	56	64555	9.03	ug/l	88
36) 1,1-Dichloropropene	7.582	75	27569	5.04	ug/l #	49
38) Carbon Tetrachloride	7.579	117	34121	6.21	ug/l #	16
39) Methylcyclohexane	9.006	83	318668	47.81	ug/l	99
40) Benzene	7.954	78	6214	0.38	ug/l #	89
43) Isopropyl Acetate	8.064	43	13429	1.31	ug/l #	61
45) 1,2-Dichloropropane	9.003	63	3553	0.81	ug/l #	1
47) Bromodichloromethane	9.317	83	15736	2.64	ug/l #	26
48) Methyl methacrylate	9.073	41	28278	5.78	ug/l #	44
49) 1,4-Dioxane	9.156	88	109	1.77	ug/l #	1
51) 4-Methyl-2-Pentanone	10.022	43	17762	2.95	ug/l	95
52) Toluene	10.089	92	324388	32.00	ug/l	98
55) 1,1,2-Trichloroethane	10.467	97	122400	30.03	ug/l #	18
56) Ethyl methacrylate	10.368	69	16137	2.58	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.601	63	523	26.28	ug/l	96
59) 2-Hexanone	10.658	43	137962	32.75	ug/l #	31
61) 1,2-Dibromoethane	10.948	107	893	0.21	ug/l #	3
64) Tetrachloroethene	10.569	164	6495	1.39	ug/l	93
67) Ethyl Benzene	11.452	91	1141778	57.48	ug/l	100
68) m/p-Xylenes	11.559	106	3004346	398.05	ug/l	92
69) o-Xylene	11.889	106	1190374	163.46	ug/l	100
70) Styrene	11.892	104	64073	5.43	ug/l #	1
71) Bromoform	12.018	173	2338	0.67	ug/l #	29
73) Isopropylbenzene	12.192	105	273572	12.17	ug/l	98
74) N-amyl acetate	11.988	43	257171	30.44	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.500	83	86292	12.06	ug/l #	23
76) 1,2,3-Trichloropropane	12.533	75	6751	1.02	ug/l #	100
78) n-propylbenzene	12.535	91	1230163	50.35	ug/l	99
79) 2-Chlorotoluene	12.600	91	745258	49.60	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.677	105	4136013	225.03	ug/l	97

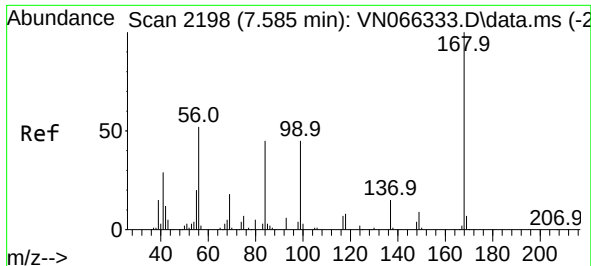
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
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Quant Time: Apr 02 04:50:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.345	75	159244	72.24	ug/l #	12
82) 4-Chlorotoluene	12.677	91	462470	30.93	ug/l #	43
83) tert-Butylbenzene	12.938	119	45501	2.88	ug/l #	40
84) 1,2,4-Trimethylbenzene	12.983	105	8813106	493.50	ug/l	79
85) sec-Butylbenzene	13.115	105	380264	18.55	ug/l #	59
86) p-Isopropyltoluene	13.233	119	1030772	56.14	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	23046	2.42	ug/l #	1
88) 1,4-Dichlorobenzene	13.308	146	36385	3.68	ug/l #	1
89) n-Butylbenzene	13.528	91	747040	49.25	ug/l #	1
90) Hexachloroethane	13.831	117	434936	131.35	ug/l #	5
91) 1,2-Dichlorobenzene	13.595	146	335305	35.82	ug/l #	73
92) 1,2-Dibromo-3-Chloropr...	14.257	75	28842	21.02	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.979	180	13983	2.41	ug/l #	69
94) Hexachlorobutadiene	15.110	225	676	0.21	ug/l	72
95) Naphthalene	15.260	128	12219798	707.41	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.502	180	9629	1.65	ug/l #	78

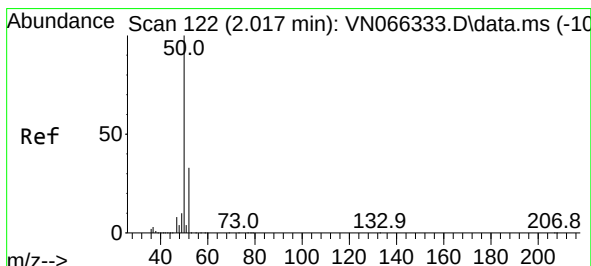
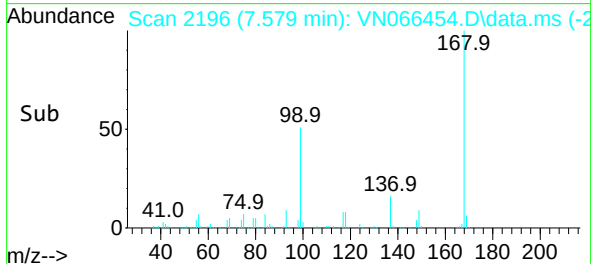
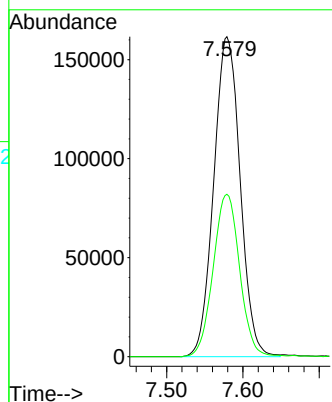
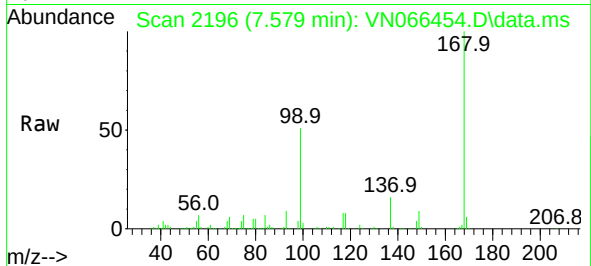
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

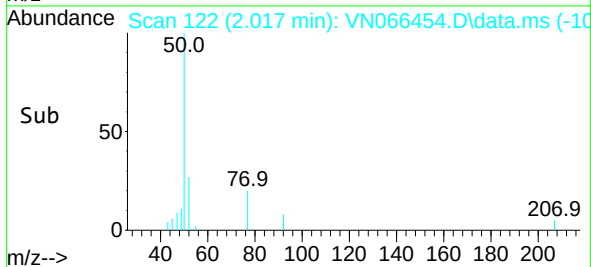
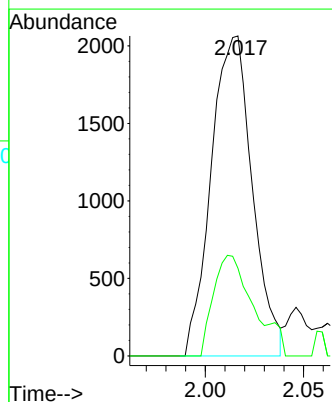
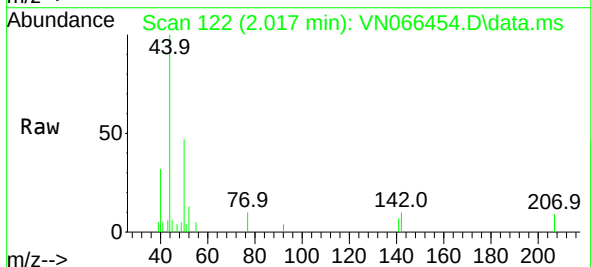
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

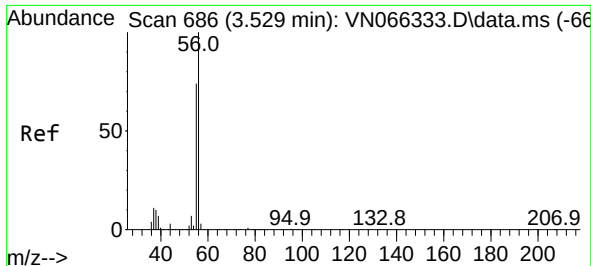
Tgt Ion:168 Resp: 388703
Ion Ratio Lower Upper
168 100
99 50.7 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 50 Resp: 3005
Ion Ratio Lower Upper
50 100
52 27.4 26.2 39.2

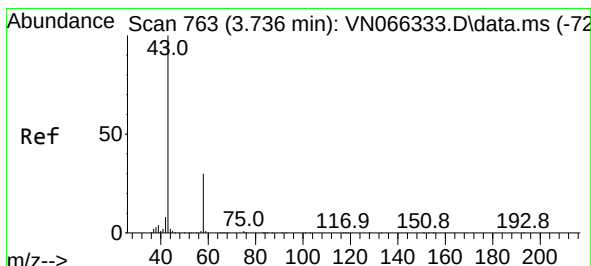
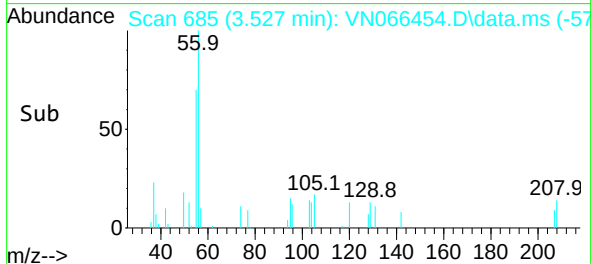
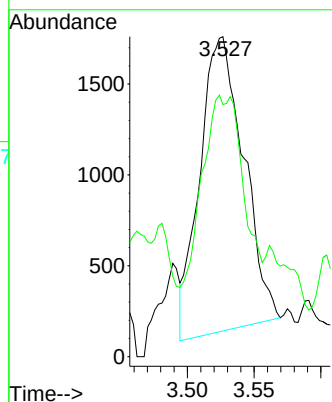
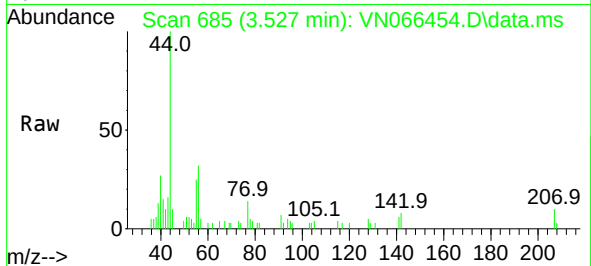




#13
Acrolein
Concen: Below Cal
RT: 3.527 min Scan# 685
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

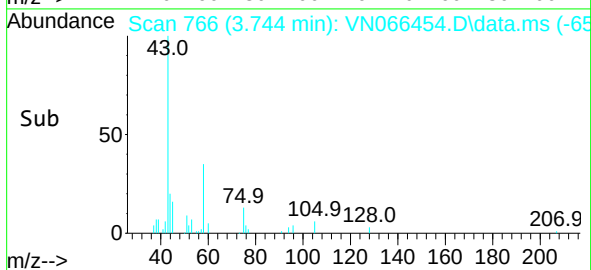
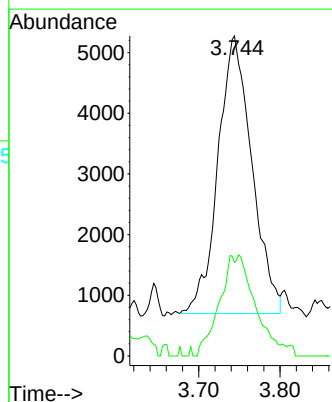
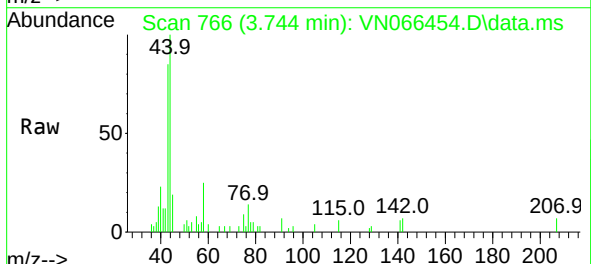
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ClientSampleId :
V-211ME

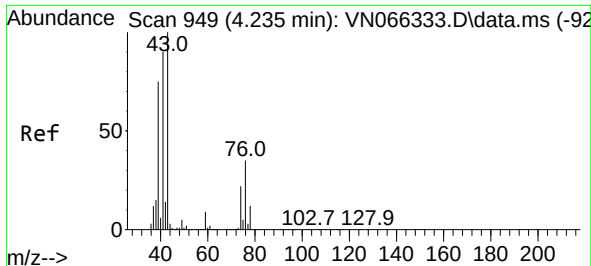
Tgt Ion: 56 Resp: 3712
Ion Ratio Lower Upper
56 100
55 58.5 57.9 86.9



#16
Acetone
Concen: 4.75 ug/l
RT: 3.744 min Scan# 766
Delta R.T. 0.011 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 43 Resp: 13259
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.8

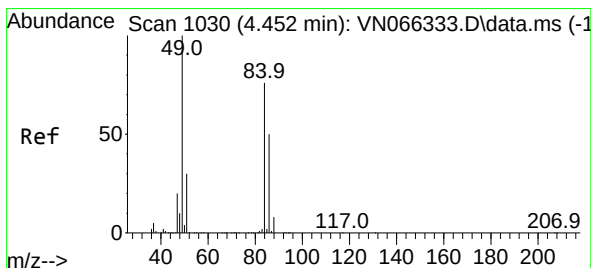
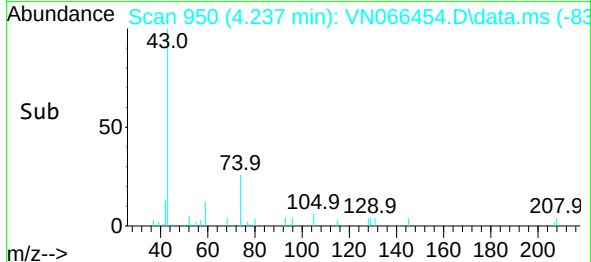
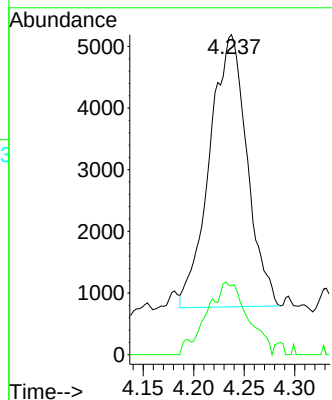
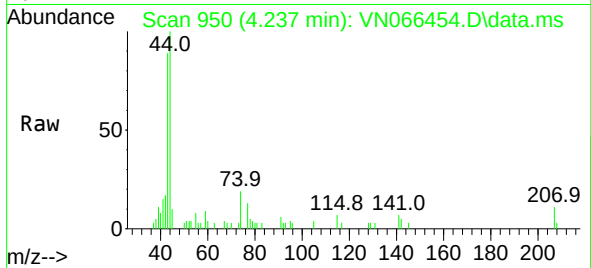




#18
Methyl Acetate
Concen: 1.56 ug/l
RT: 4.237 min Scan# 950
Delta R.T. 0.008 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

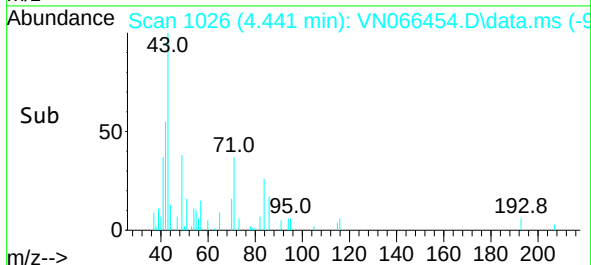
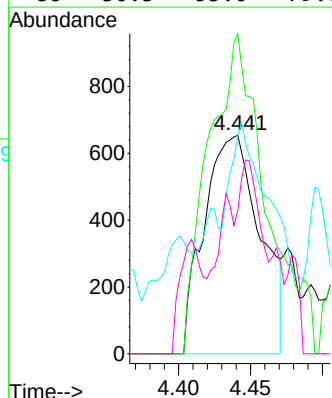
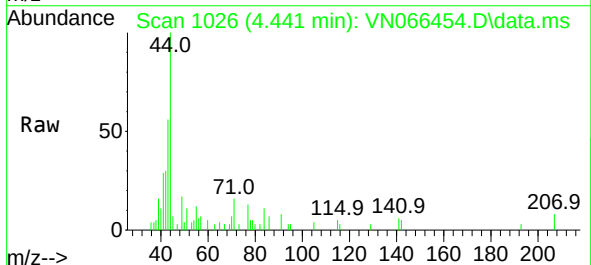
Instrument :
MSVOA_N
ClientSampled :
V-211ME

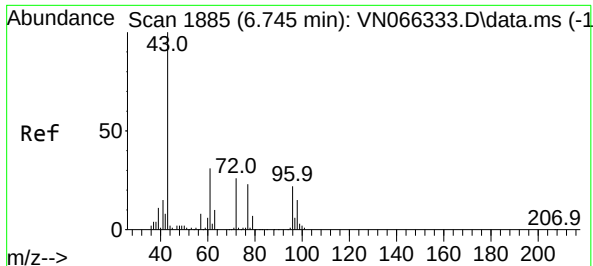
Tgt Ion: 43 Resp: 11375
Ion Ratio Lower Upper
43 100
74 28.1 17.6 26.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.441 min Scan# 1026
Delta R.T. -0.006 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 84 Resp: 1768
Ion Ratio Lower Upper
84 100
49 146.3 105.0 157.6
51 45.7 31.6 47.4
86 30.3 53.0 79.6#

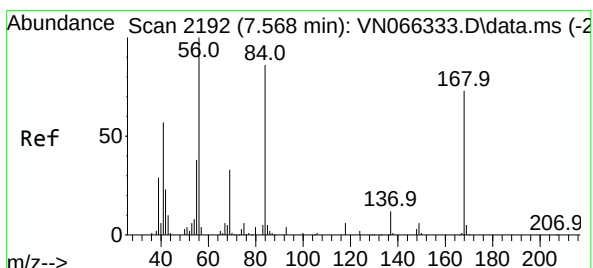
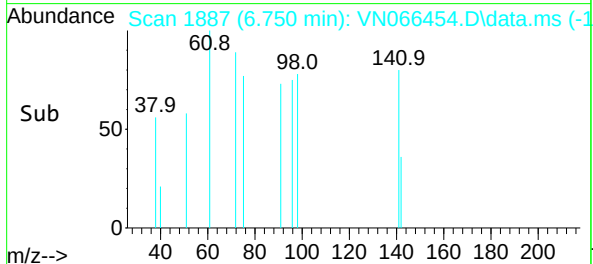
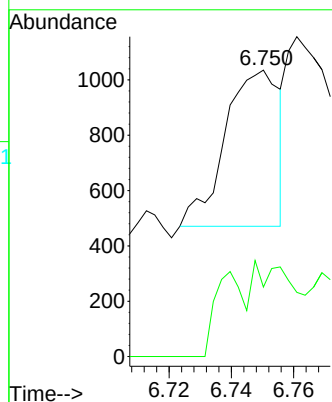
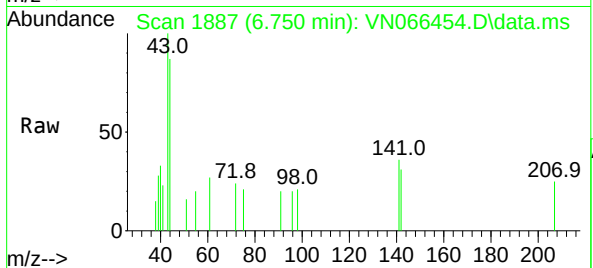




#25
2-Butanone
Concen: 0.22 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.011 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

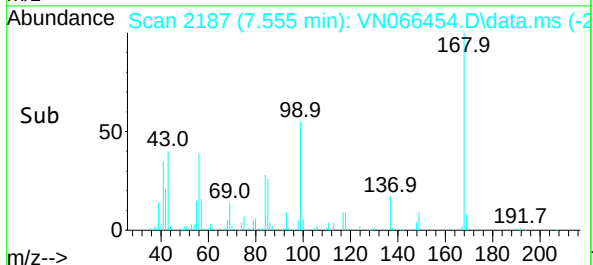
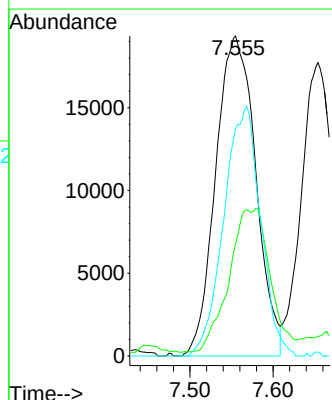
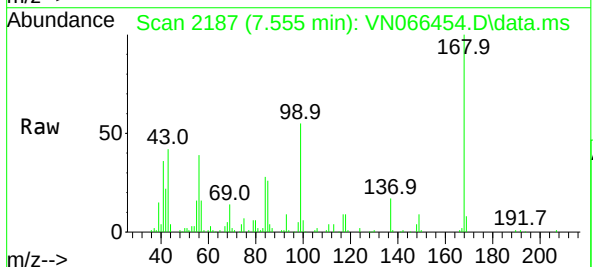
Instrument :
MSVOA_N
ClientSampled :
V-211ME

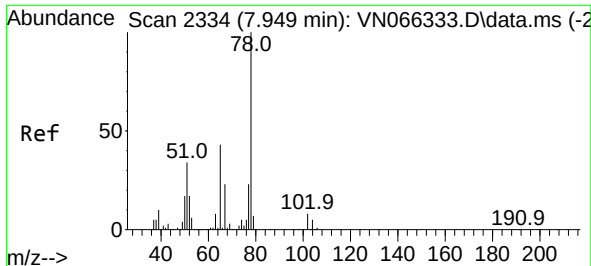
Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
72 44.5 20.7 31.1#



#31
Cyclohexane
Concen: 9.03 ug/l
RT: 7.555 min Scan# 2187
Delta R.T. -0.011 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 56 Resp: 64555
Ion Ratio Lower Upper
56 100
69 33.8 26.6 40.0
84 71.1 68.7 103.1



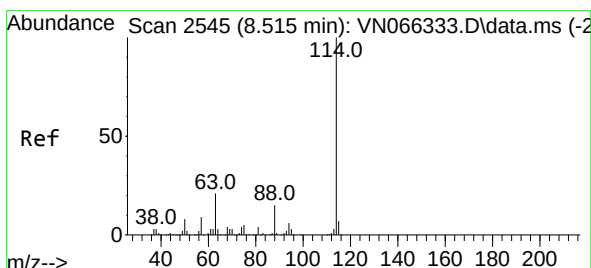
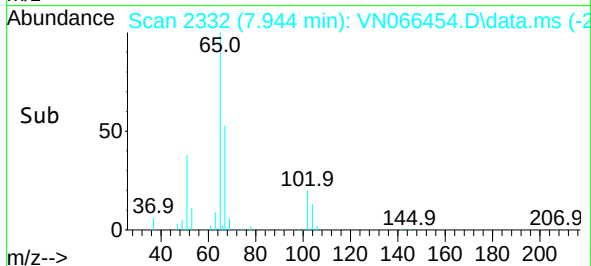
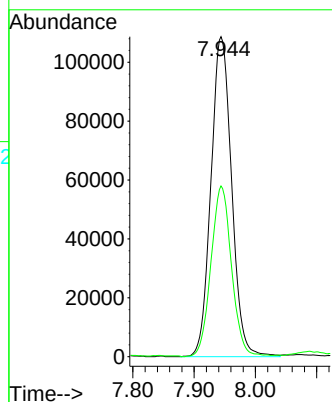
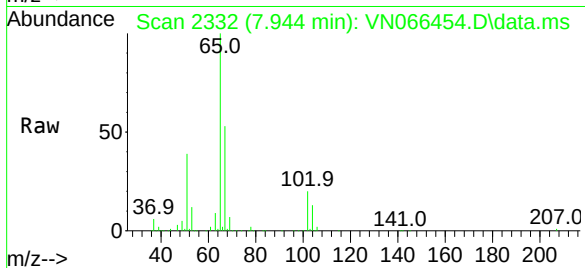


#33

1,2-Dichloroethane-d4
Concen: 49.37 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Instrument :
MSVOA_N
ClientSampleId :
V-211ME

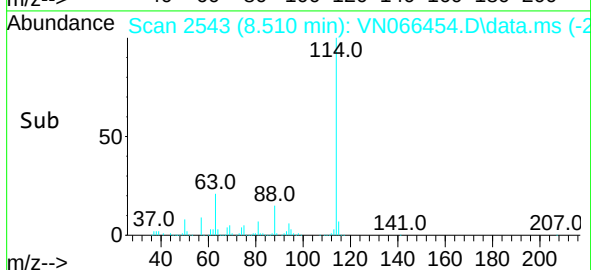
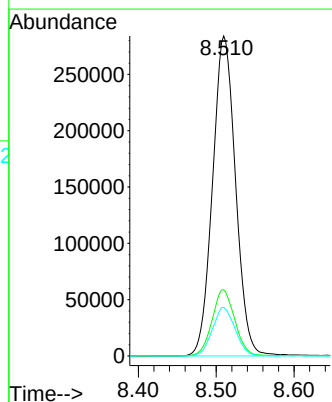
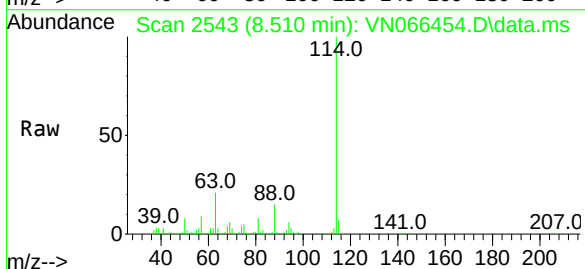
Tgt Ion: 65 Resp: 255128
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2

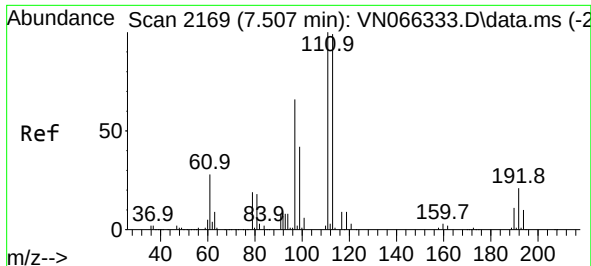


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.510 min Scan# 2543
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 114 Resp: 582071
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.0
88 15.2 0.0 31.0

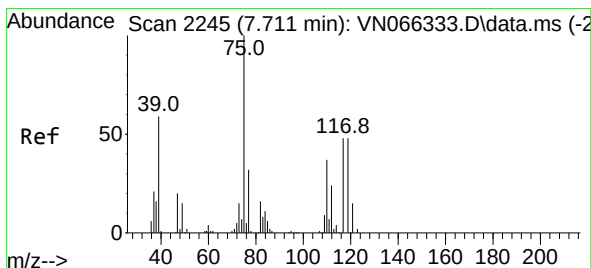
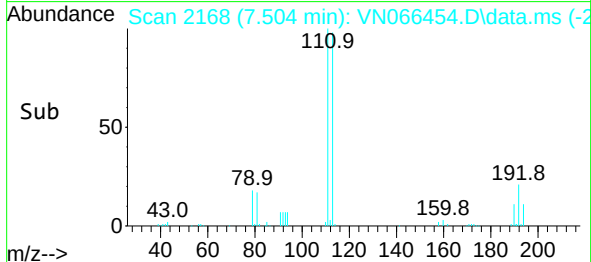
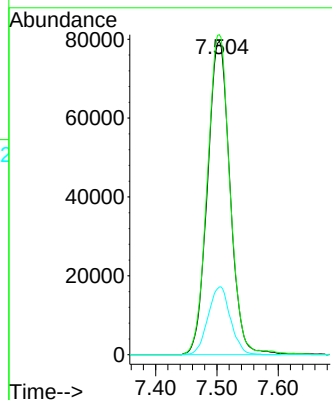
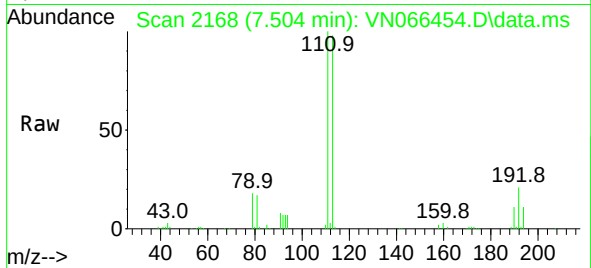




#35
Dibromofluoromethane
Concen: 52.53 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

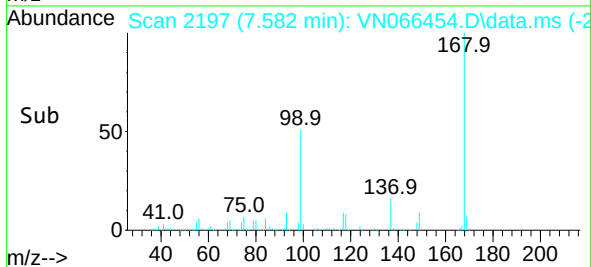
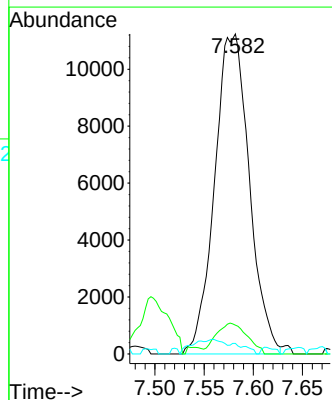
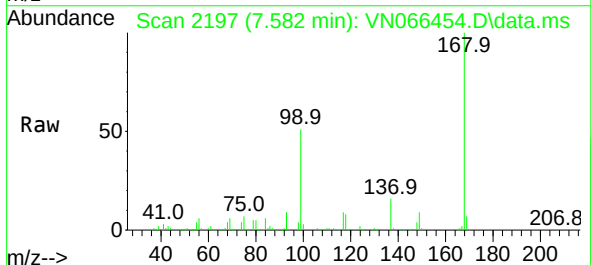
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

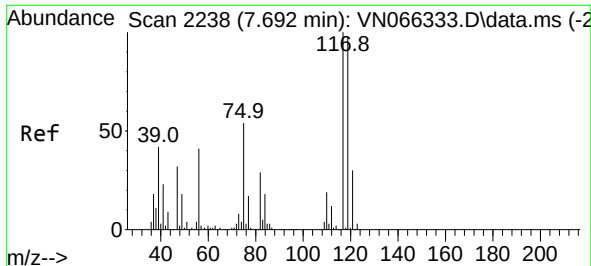
Tgt Ion:113 Resp: 202718
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 21.6 17.1 25.7



#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.124 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 75 Resp: 27569
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.3#
77 0.0 25.0 37.4#

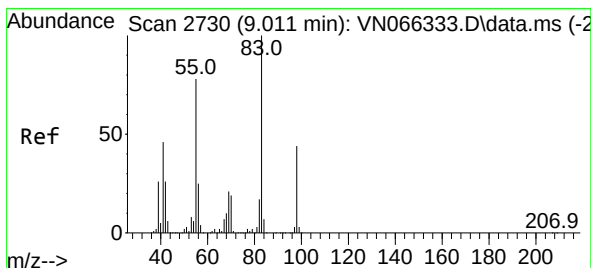
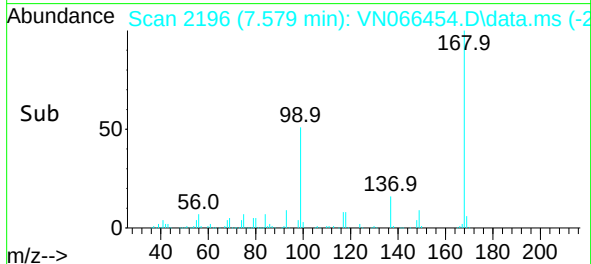
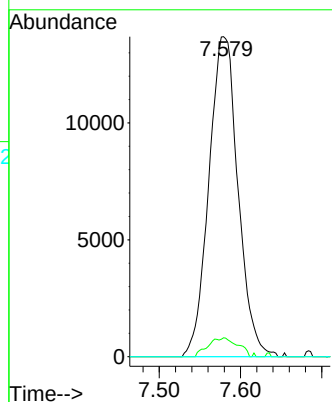
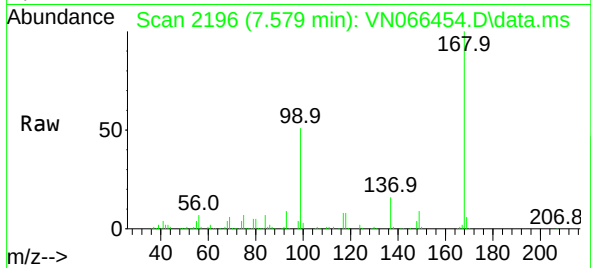




#38
Carbon Tetrachloride
Concen: 6.21 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.105 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

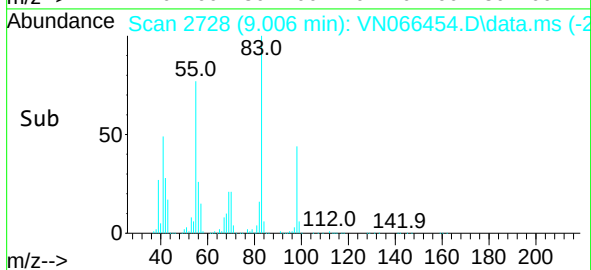
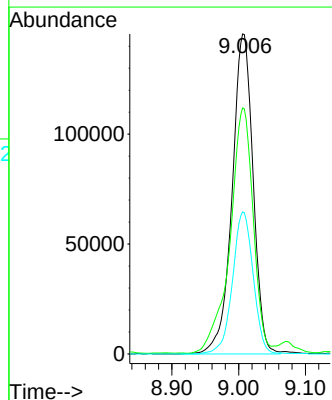
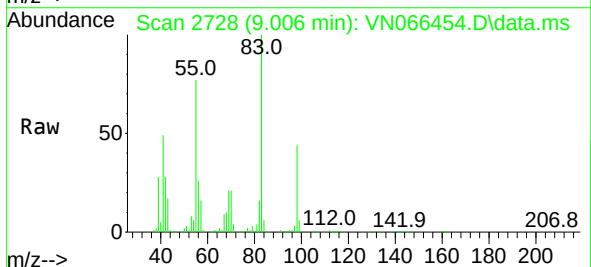
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

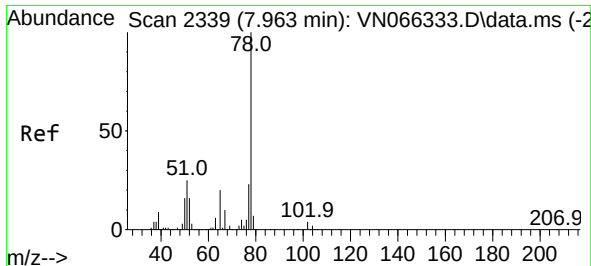
Tgt Ion:117 Resp: 34121
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 24.2 36.4#



#39
Methylcyclohexane
Concen: 47.81 ug/l
RT: 9.006 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 83 Resp: 318668
Ion Ratio Lower Upper
83 100
55 76.6 62.3 93.5
98 44.4 35.6 53.4

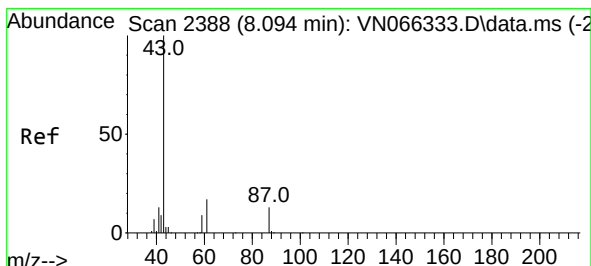
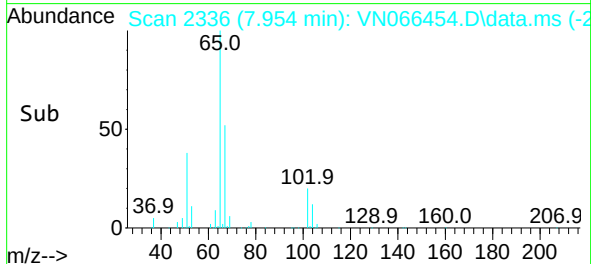
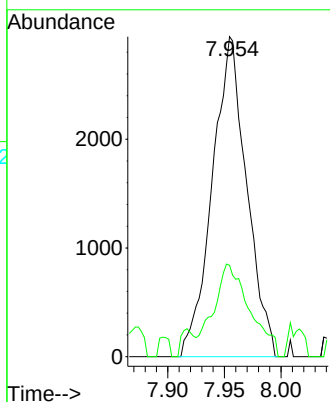
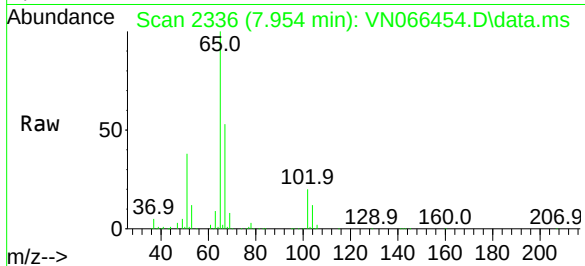




#40
Benzene
Concen: 0.38 ug/l
RT: 7.954 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

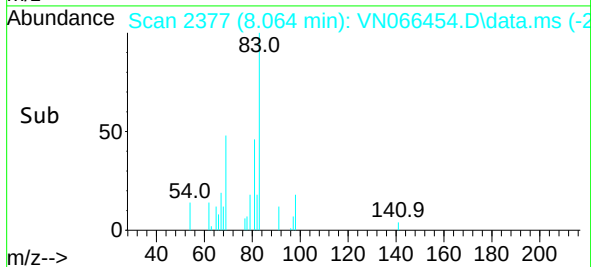
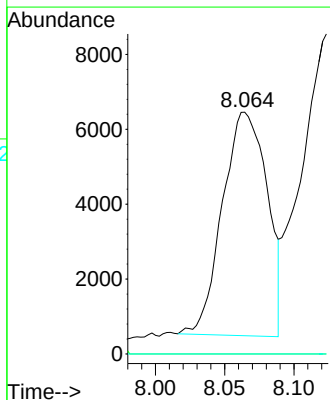
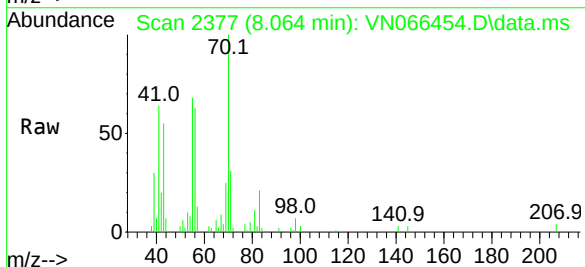
Instrument :
MSVOA_N
ClientSampled :
V-211ME

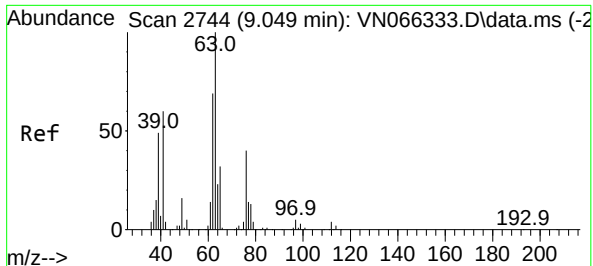
Tgt Ion: 78 Resp: 6214
Ion Ratio Lower Upper
78 100
77 28.5 18.7 28.1#



#43
Isopropyl Acetate
Concen: 1.31 ug/l
RT: 8.064 min Scan# 2377
Delta R.T. -0.024 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 43 Resp: 13429
Ion Ratio Lower Upper
43 100
61 0.0 15.5 23.3#
87 0.0 10.5 15.7#



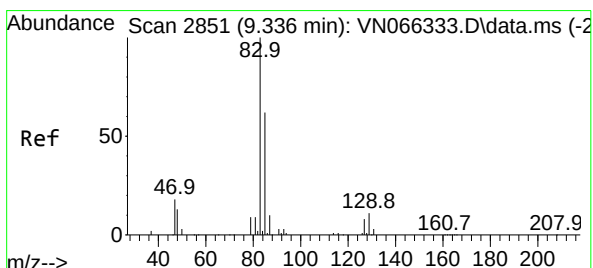
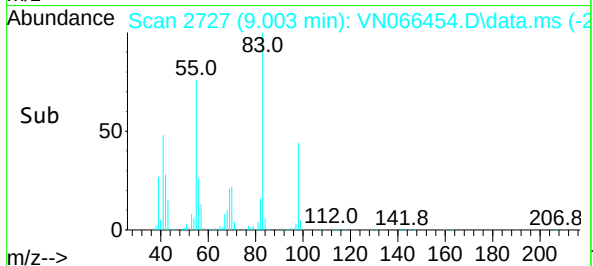
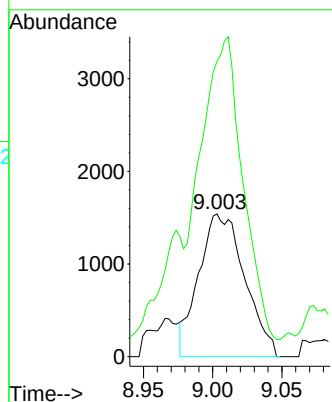
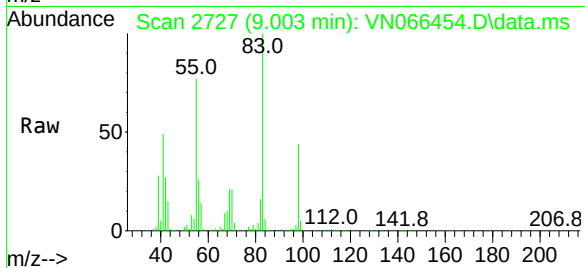


#45

1,2-Dichloropropane
Concen: 0.81 ug/l
RT: 9.003 min Scan# 2727
Delta R.T. -0.043 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Instrument :
MSVOA_N
ClientSampled :
V-211ME

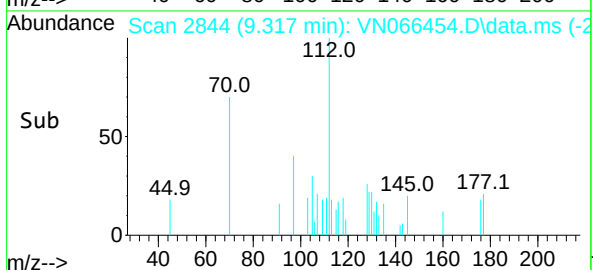
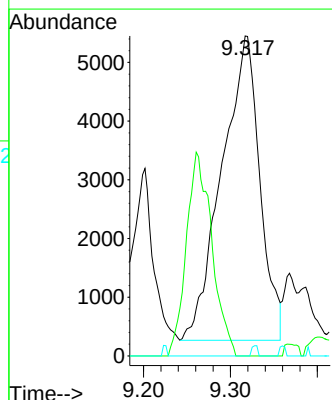
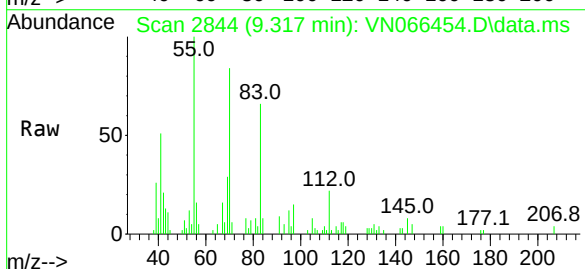
Tgt Ion: 63 Resp: 3553
Ion Ratio Lower Upper
63 100
65 194.9 25.5 38.3#

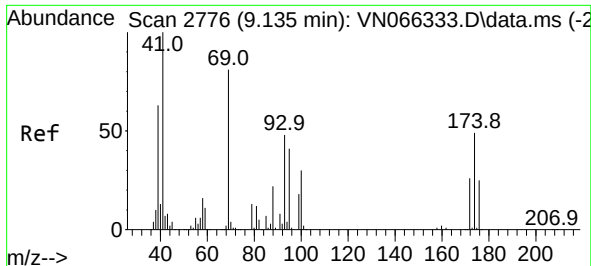


#47

Bromodichloromethane
Concen: 2.64 ug/l
RT: 9.317 min Scan# 2844
Delta R.T. -0.016 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 83 Resp: 15736
Ion Ratio Lower Upper
83 100
85 0.0 49.4 74.2#
127 0.0 6.7 10.1#





#48

Methyl methacrylate

Concen: 5.78 ug/l

RT: 9.073 min Scan# 2753

Delta R.T. -0.059 min

Lab File: VN066454.D

Acq: 1 Apr 2021 14:37

Instrument :

MSVOA_N

ClientSampled :

V-211ME

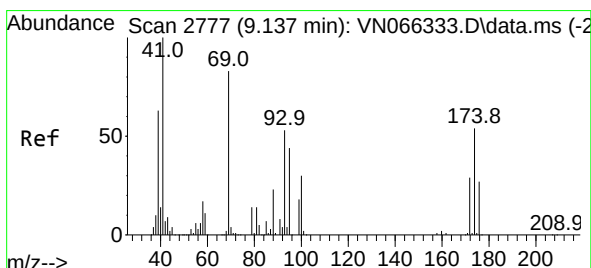
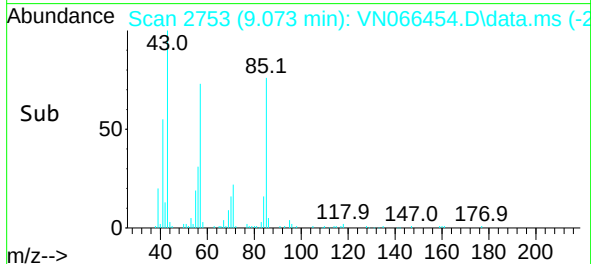
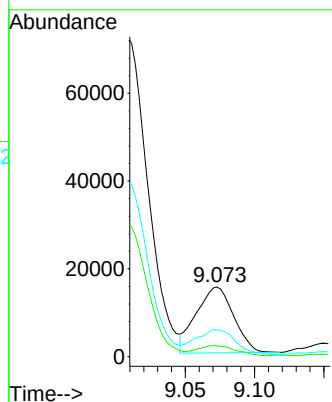
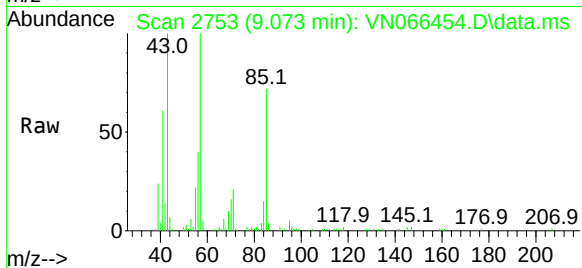
Tgt Ion: 41 Resp: 28278

Ion Ratio Lower Upper

41 100

69 15.5 66.2 99.4#

39 40.1 51.5 77.3#



#49

1,4-Dioxane

Concen: 1.77 ug/l

RT: 9.156 min Scan# 2784

Delta R.T. 0.024 min

Lab File: VN066454.D

Acq: 1 Apr 2021 14:37

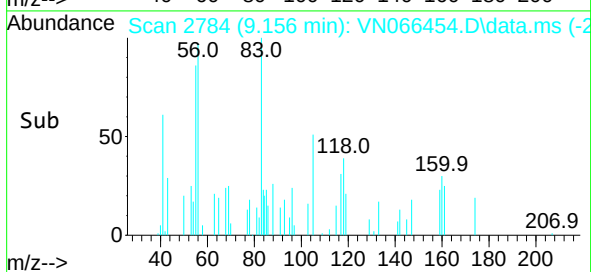
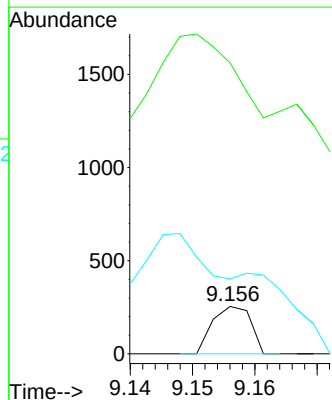
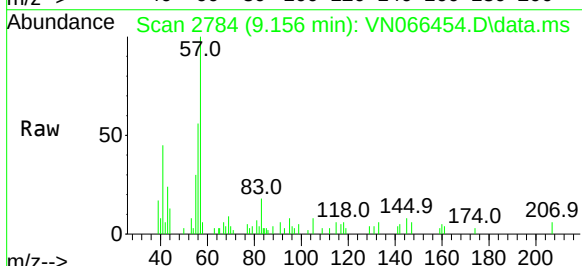
Tgt Ion: 88 Resp: 109

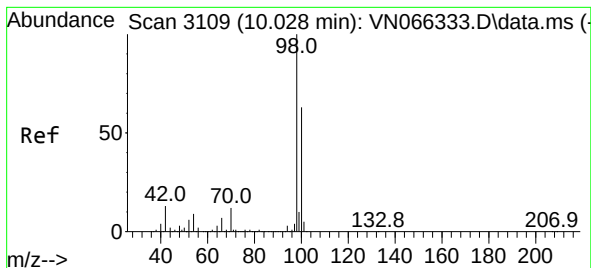
Ion Ratio Lower Upper

88 100

43 2583.5 28.2 42.4#

58 1011.0 56.6 84.8#

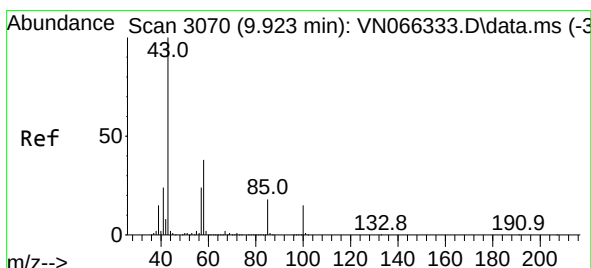
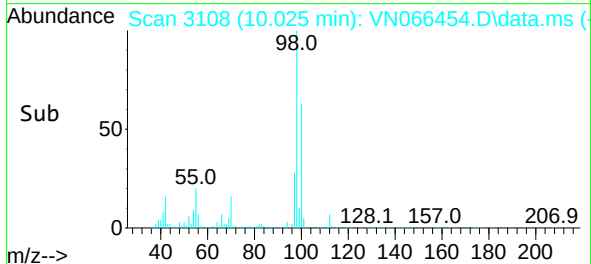
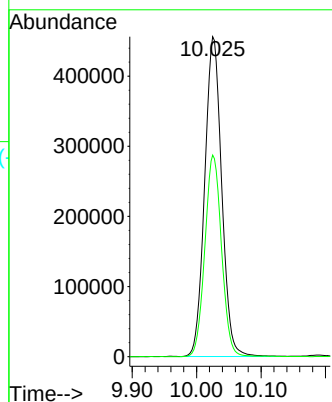
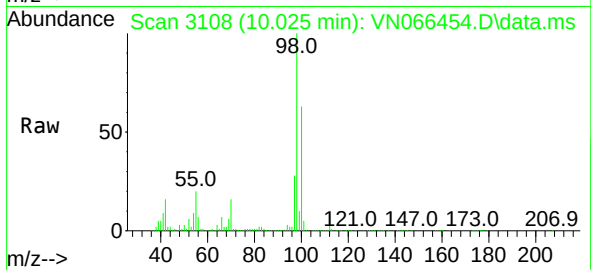




#50
Toluene-d8
Concen: 56.98 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

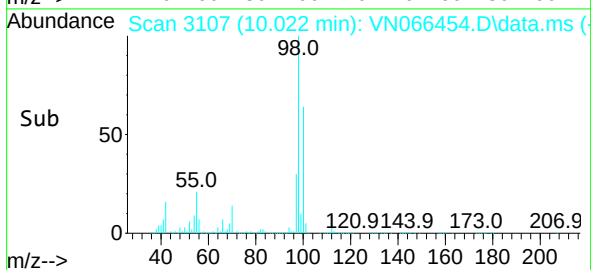
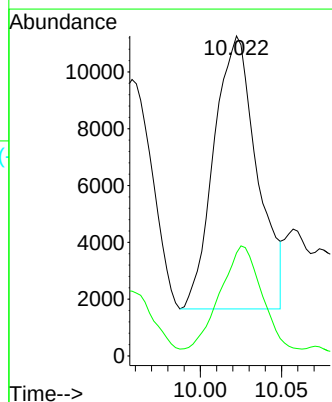
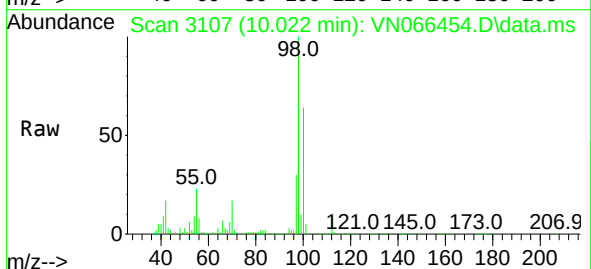
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

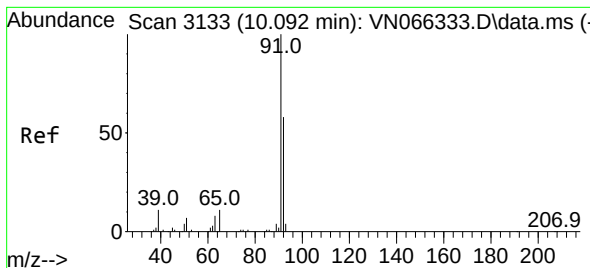
Tgt Ion: 98 Resp: 833957
Ion Ratio Lower Upper
98 100
100 62.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 2.95 ug/l
RT: 10.022 min Scan# 3107
Delta R.T. 0.104 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 43 Resp: 17762
Ion Ratio Lower Upper
43 100
58 41.7 30.8 46.2





#52

Toluene

Concen: 32.00 ug/l

RT: 10.089 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VN066454.D

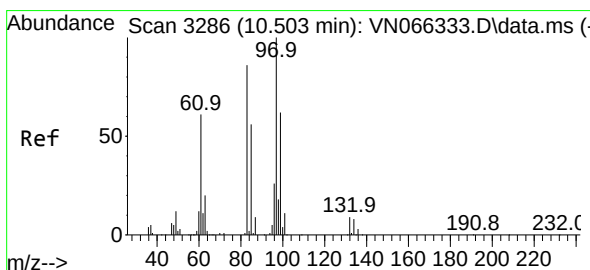
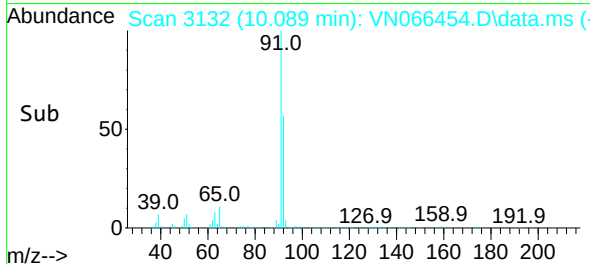
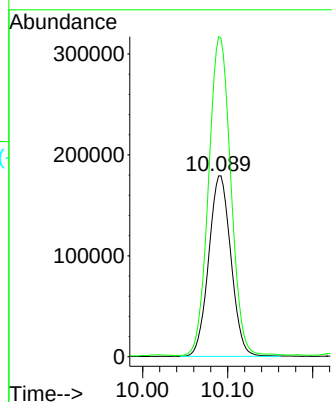
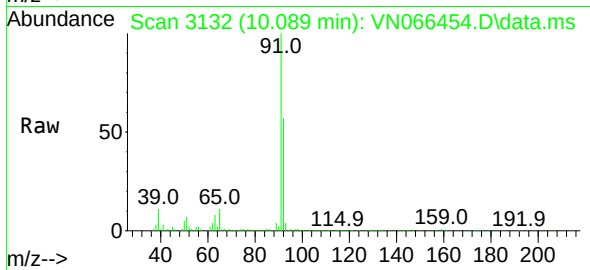
Acq: 1 Apr 2021 14:37

Tgt Ion: 92 Resp: 324388

Ion Ratio Lower Upper

92 100

91 176.5 138.8 208.2



#55

1,1,2-Trichloroethane

Concen: 30.03 ug/l

RT: 10.467 min Scan# 3273

Delta R.T. -0.032 min

Lab File: VN066454.D

Acq: 1 Apr 2021 14:37

Tgt Ion: 97 Resp: 122400

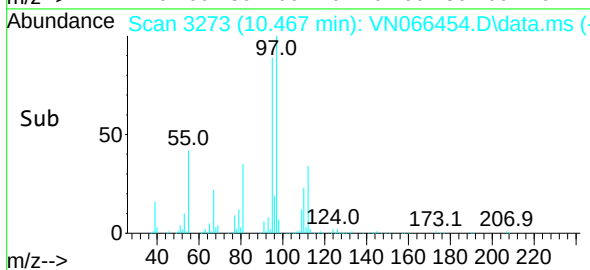
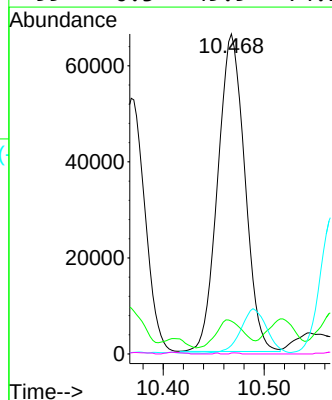
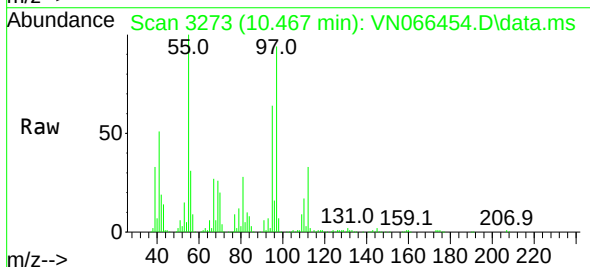
Ion Ratio Lower Upper

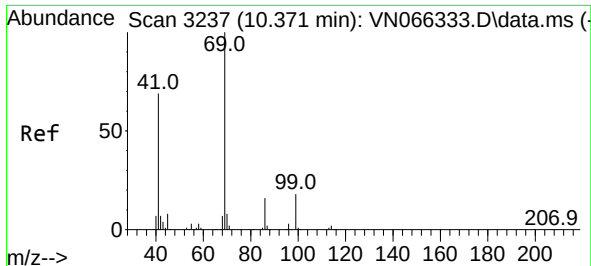
97 100

83 5.6 68.9 103.3#

85 2.4 45.1 67.7#

99 0.3 49.9 74.9#

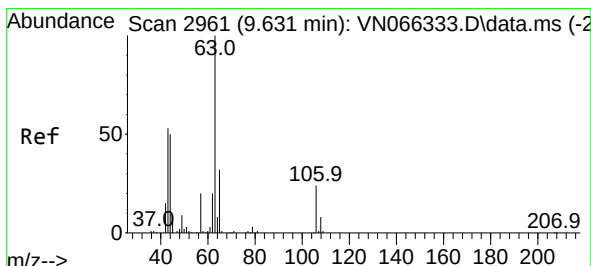
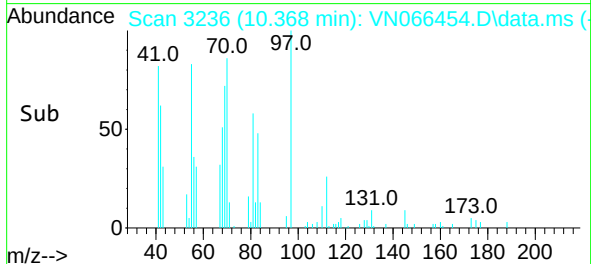
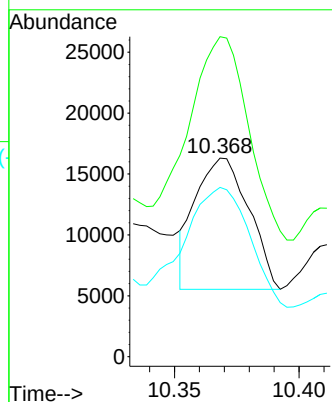
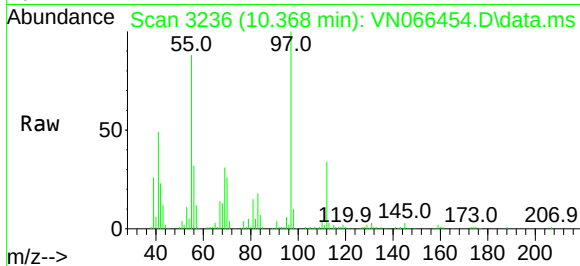




#56
Ethyl methacrylate
Concen: 2.58 ug/l
RT: 10.368 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

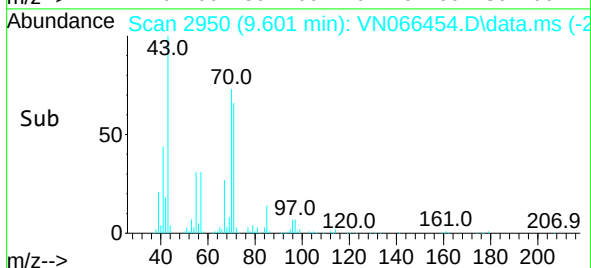
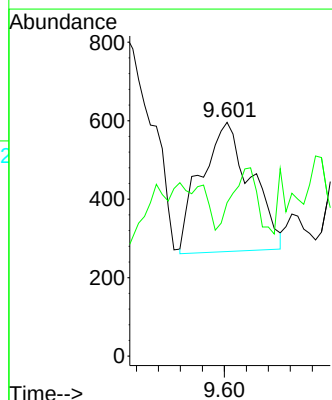
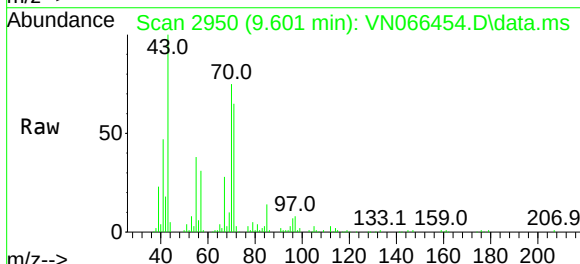
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

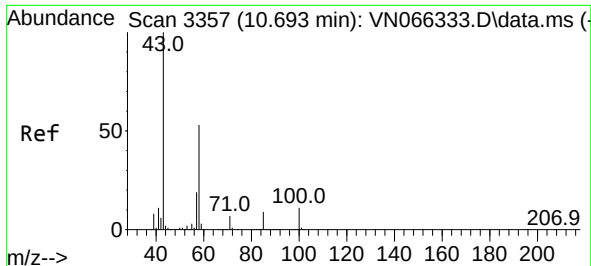
Tgt Ion: 69 Resp: 16137
Ion Ratio Lower Upper
69 100
41 173.8 55.3 82.9#
39 112.6 33.8 50.6#



#58
2-Chloroethyl Vinyl ether
Concen: 26.28 ug/l
RT: 9.601 min Scan# 2950
Delta R.T. -0.027 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

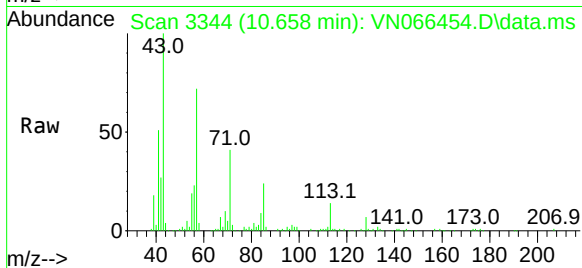
Tgt Ion: 63 Resp: 523
Ion Ratio Lower Upper
63 100
106 24.3 21.0 31.4



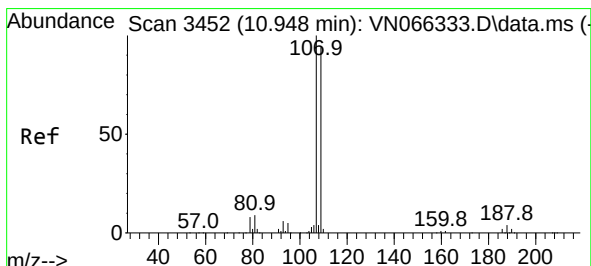
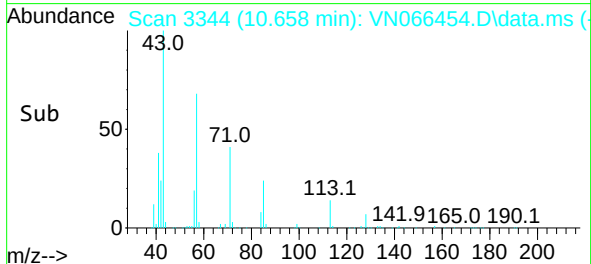
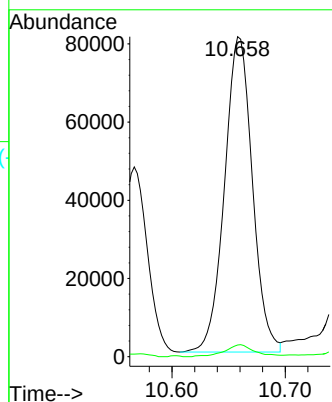


#59
2-Hexanone
Concen: 32.75 ug/l
RT: 10.658 min Scan# 3344
Delta R.T. -0.032 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Instrument :
MSVOA_N
ClientSampled :
V-211ME

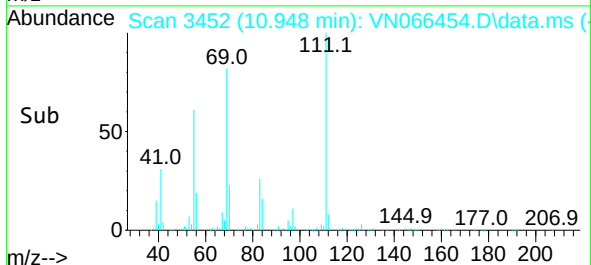
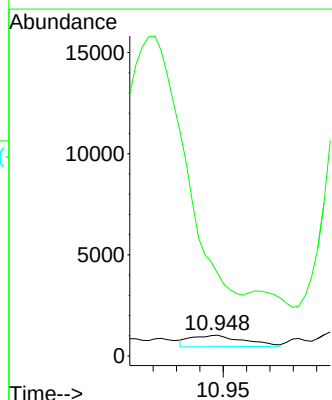
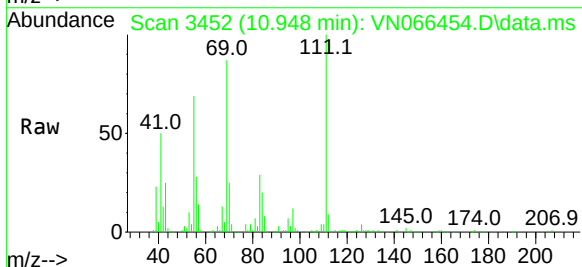


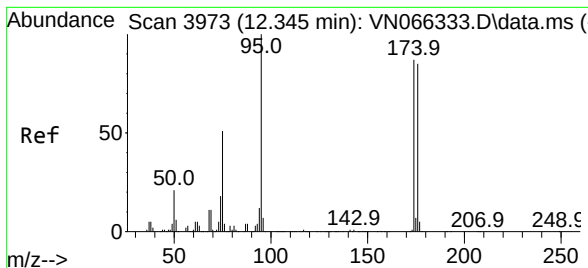
Tgt Ion: 43 Resp: 137962
Ion Ratio Lower Upper
43 100
58 4.1 26.6 79.8#



#61
1,2-Dibromoethane
Concen: 0.21 ug/l
RT: 10.948 min Scan# 3452
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 107 Resp: 893
Ion Ratio Lower Upper
107 100
109 0.0 75.4 113.2#

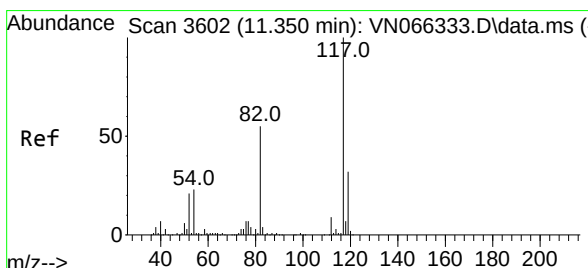
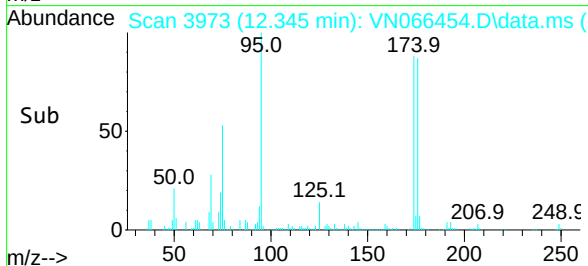
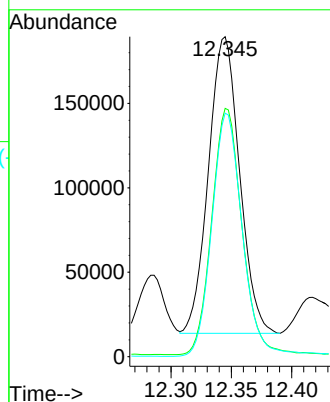
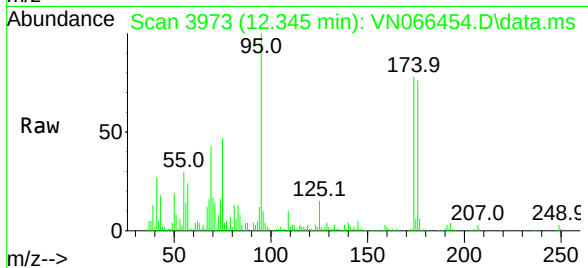




#62
4-Bromofluorobenzene
Concen: 61.98 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

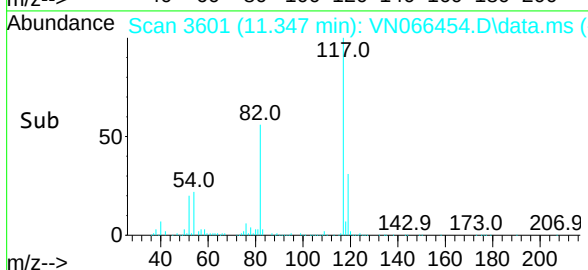
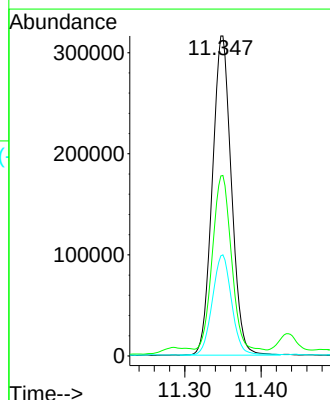
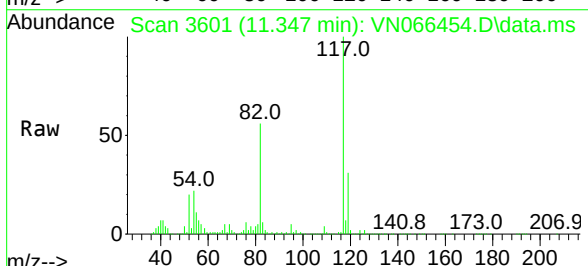
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

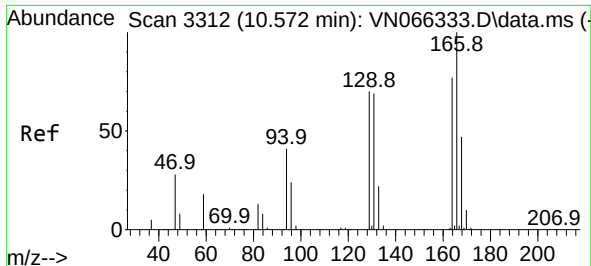
Tgt Ion: 95 Resp: 315116
Ion Ratio Lower Upper
95 100
174 80.3 0.0 172.2
176 80.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

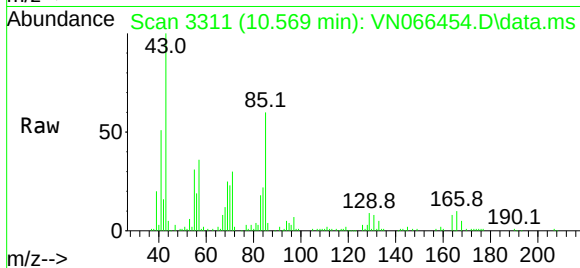
Tgt Ion: 117 Resp: 548912
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.4
119 31.1 25.8 38.6



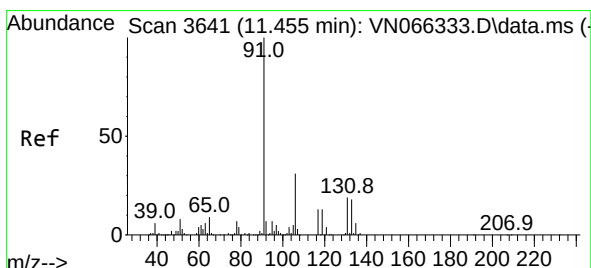
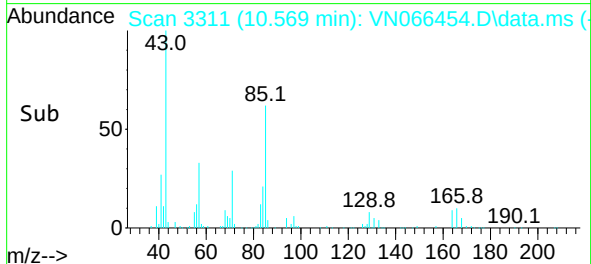
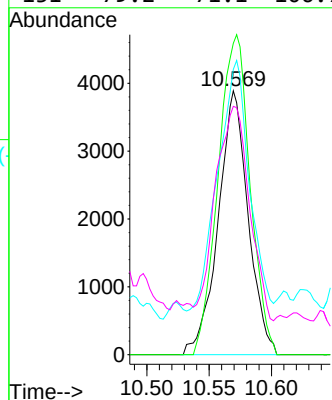


#64
Tetrachloroethene
Concen: 1.39 ug/l
RT: 10.569 min Scan# 3311
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Instrument :
MSVOA_N
ClientSampleId :
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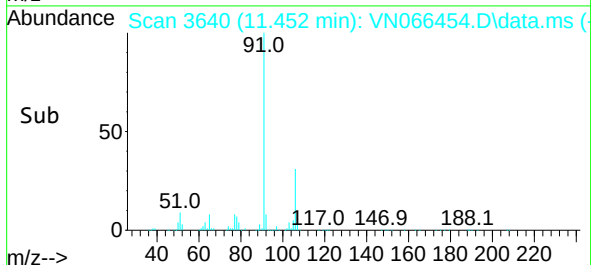
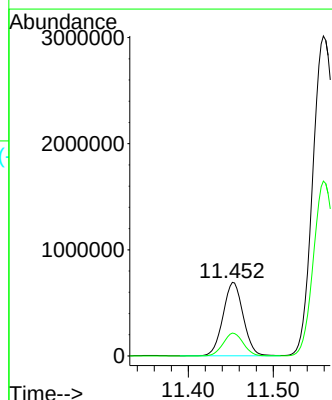
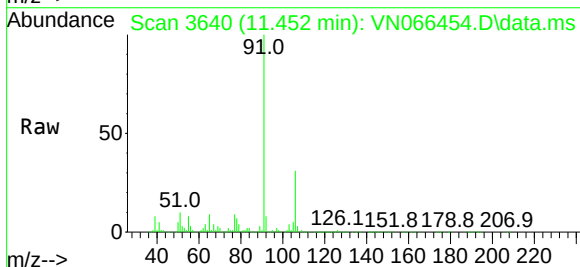


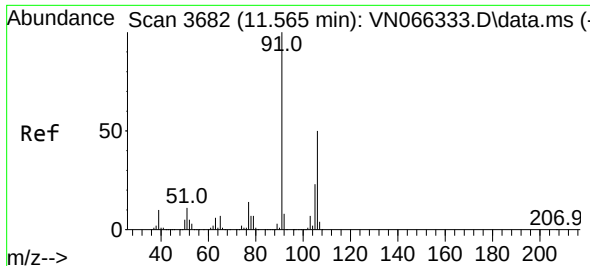
Tgt Ion:164 Resp: 6495
Ion Ratio Lower Upper
164 100
166 118.0 103.3 154.9
129 89.4 72.5 108.7
131 79.2 71.1 106.7



#67
Ethyl Benzene
Concen: 57.48 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 91 Resp: 1141778
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1

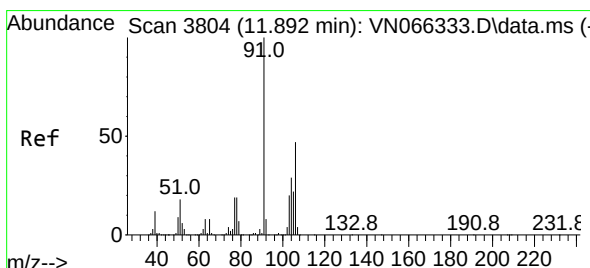
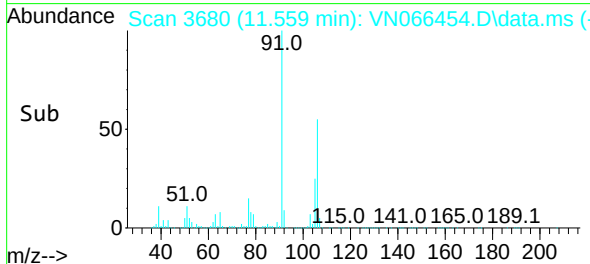
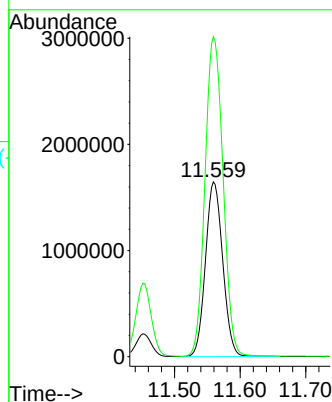
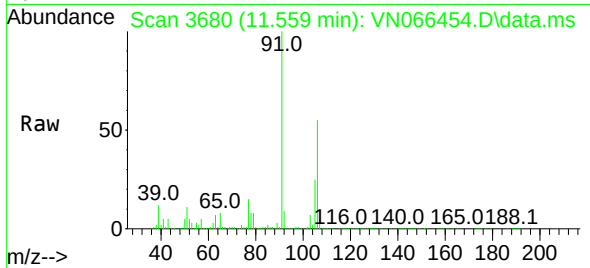




#68
m/p-Xylenes
Concen: 398.05 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.003 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

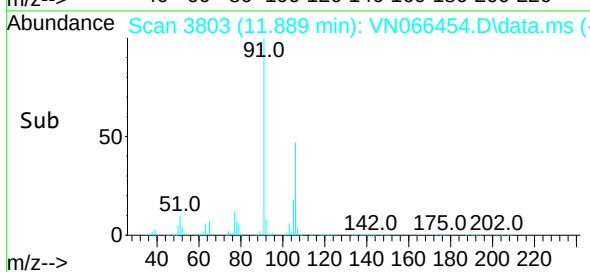
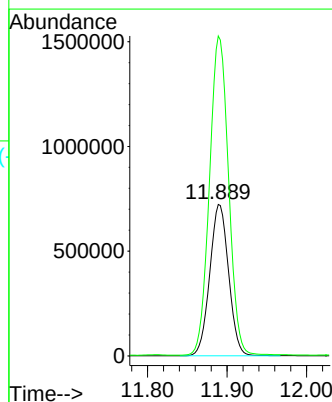
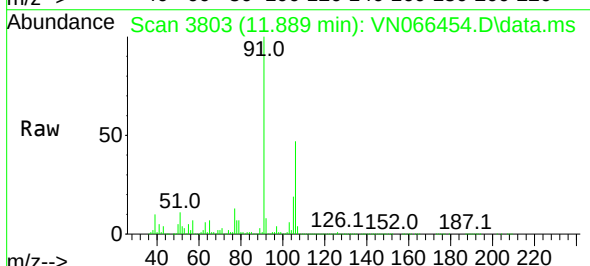
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

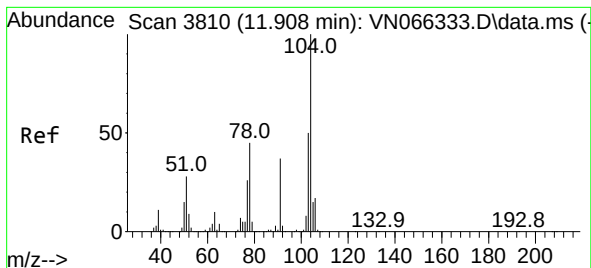
Tgt Ion:106 Resp: 3004346
Ion Ratio Lower Upper
106 100
91 191.5 162.7 244.1



#69
o-Xylene
Concen: 163.46 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion:106 Resp: 1190374
Ion Ratio Lower Upper
106 100
91 213.5 107.1 321.4





#70

Styrene

Concen: 5.43 ug/l

RT: 11.892 min Scan# 3804

Delta R.T. -0.014 min

Lab File: VN066454.D

Acq: 1 Apr 2021 14:37

Tgt Ion:104 Resp: 64073

Ion Ratio Lower Upper

104 100

78 278.1 40.7 61.1#

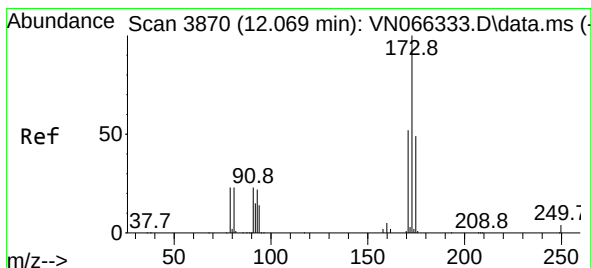
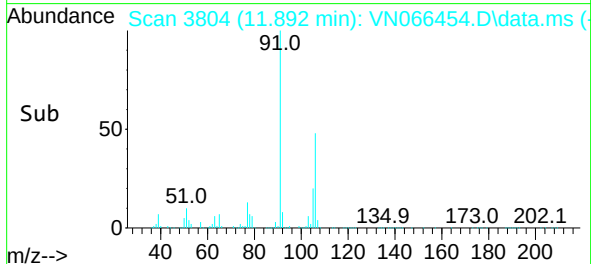
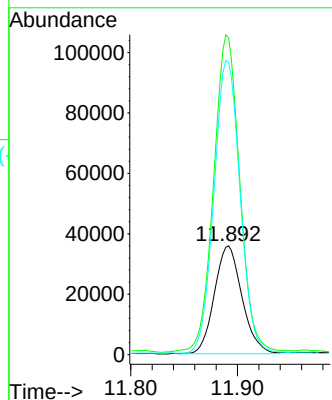
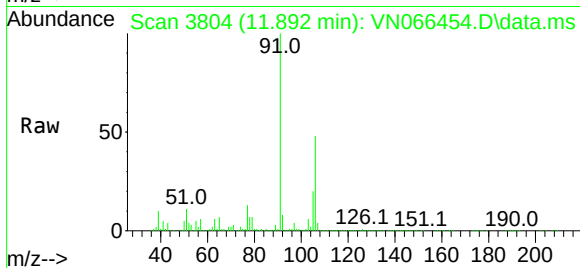
103 258.6 44.2 66.2#

Instrument :

MSVOA_N

ClientSampleId :

V-211ME



#71

Bromoform

Concen: 0.67 ug/l

RT: 12.018 min Scan# 3851

Delta R.T. -0.051 min

Lab File: VN066454.D

Acq: 1 Apr 2021 14:37

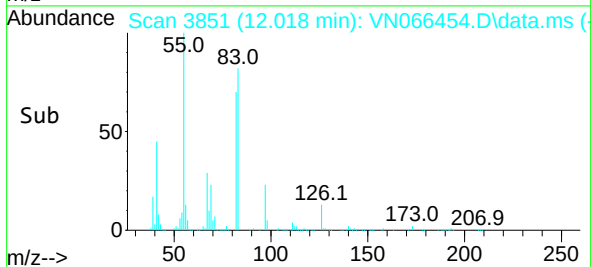
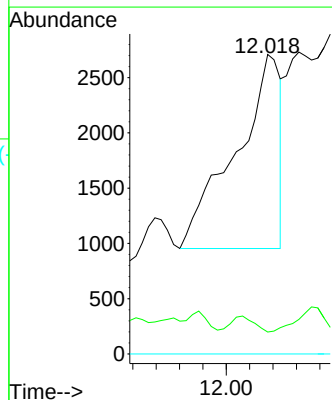
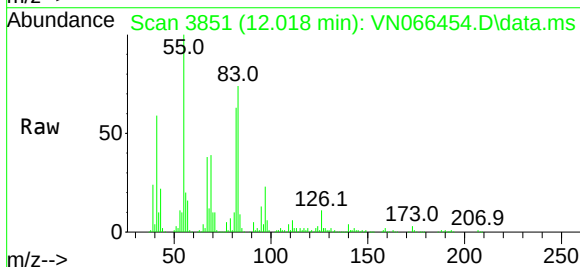
Tgt Ion:173 Resp: 2338

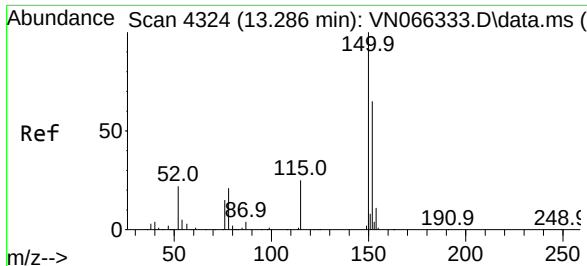
Ion Ratio Lower Upper

173 100

175 0.0 24.3 72.8#

254 0.0 0.0 0.0

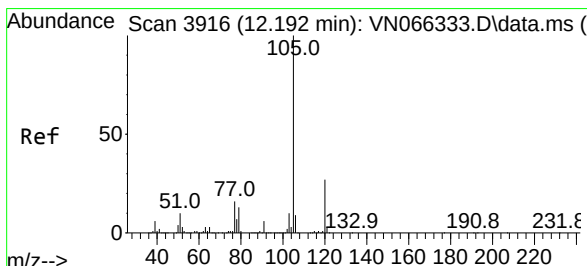
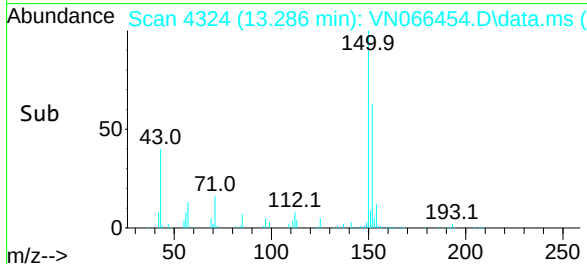
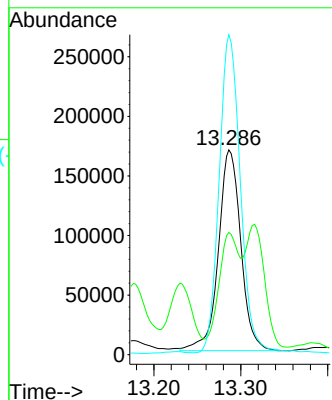
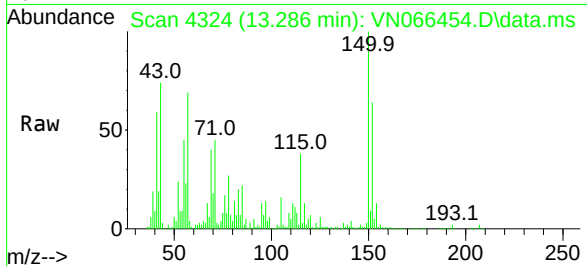




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

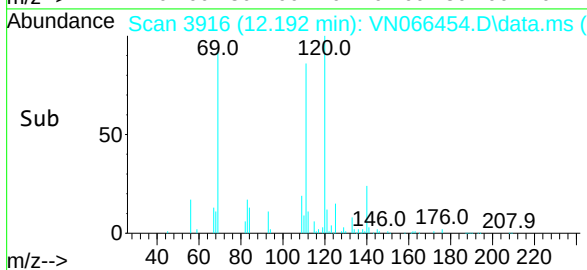
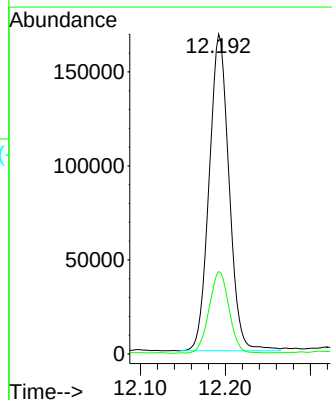
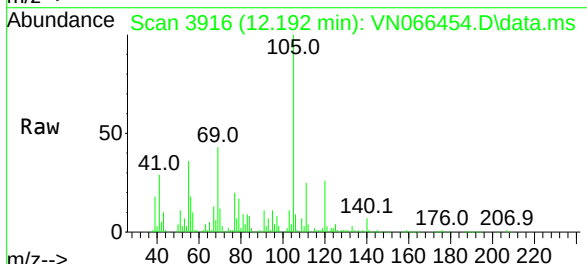
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

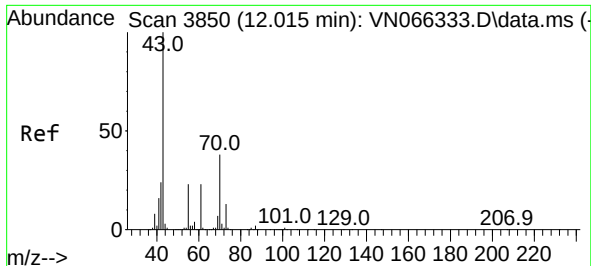
Tgt Ion:152 Resp: 302109
Ion Ratio Lower Upper
152 100
115 50.7 27.8 83.4
150 150.3 0.0 348.4



#73
Isopropylbenzene
Concen: 12.17 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion:105 Resp: 273572
Ion Ratio Lower Upper
105 100
120 25.7 13.3 39.8

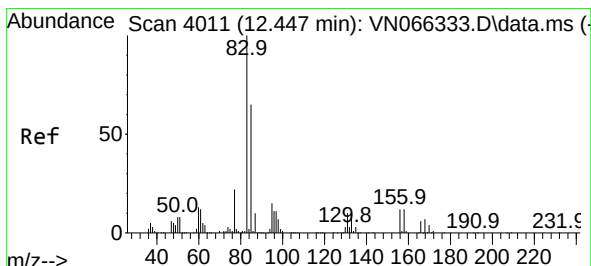
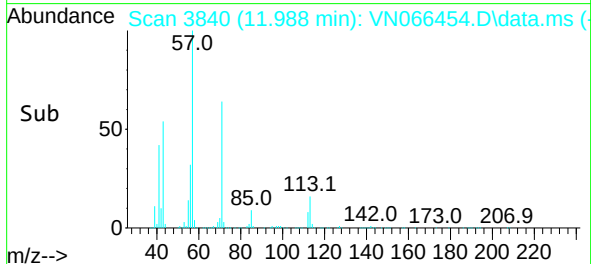
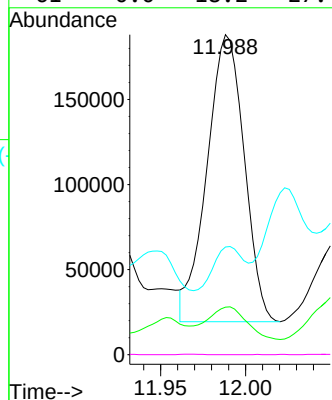
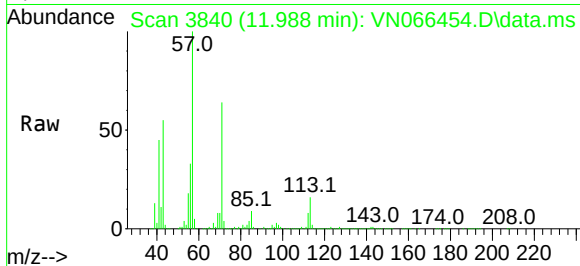




#74
N-amy1 acetate
Concen: 30.44 ug/l
RT: 11.988 min Scan# 3840
Delta R.T. -0.027 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

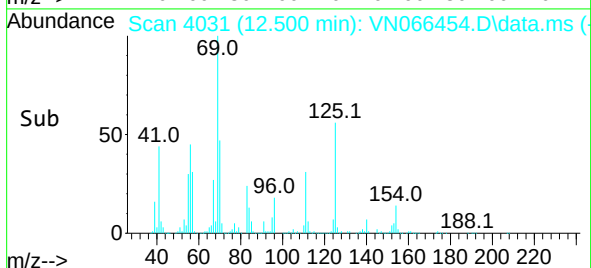
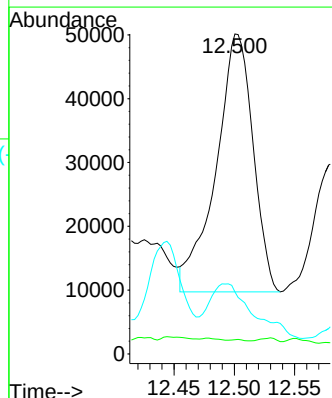
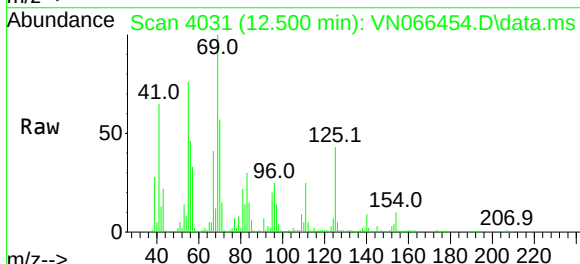
Instrument :
MSVOA_N
ClientSampled :
V-211ME

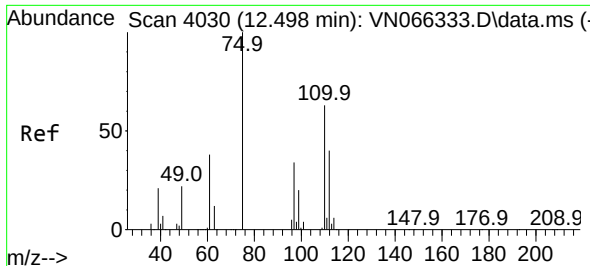
Tgt Ion: 43 Resp: 257171
Ion Ratio Lower Upper
43 100
70 11.2 31.2 46.8#
55 11.7 18.6 28.0#
61 0.0 18.2 27.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 12.06 ug/l
RT: 12.500 min Scan# 4031
Delta R.T. 0.053 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 83 Resp: 86292
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 0.0 33.8 101.3#

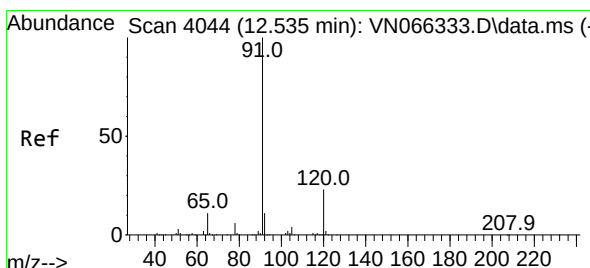
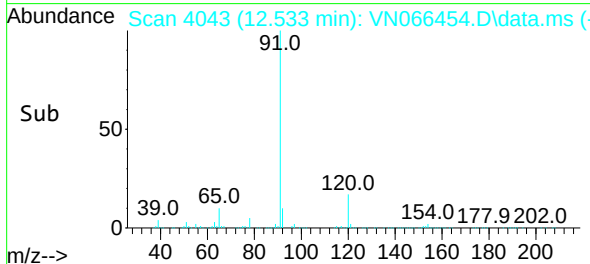
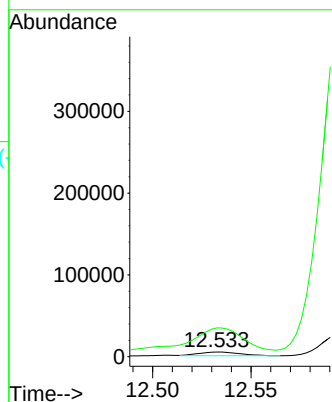
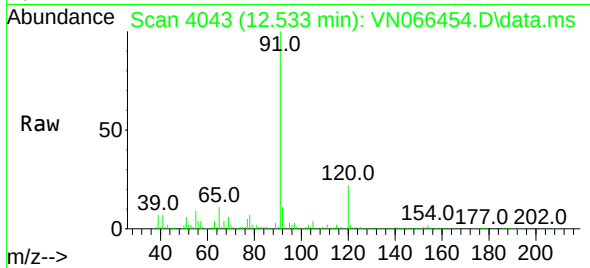




#76
1,2,3-Trichloropropane
Concen: 1.02 ug/l
RT: 12.533 min Scan# 4043
Delta R.T. 0.037 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

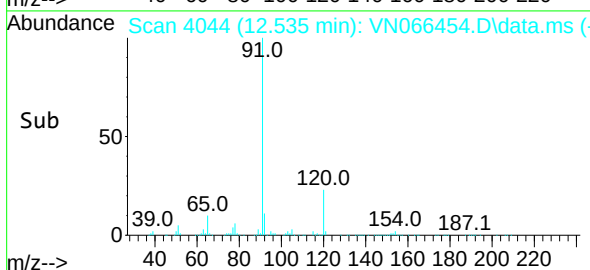
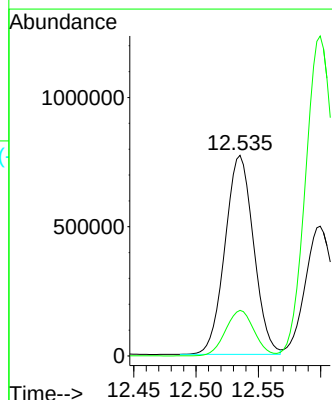
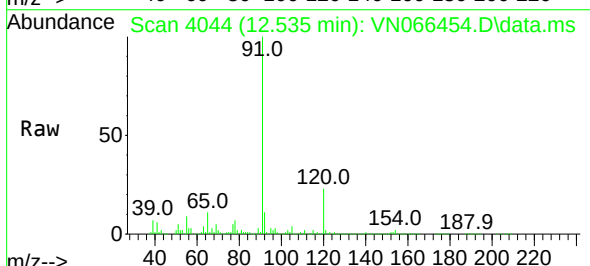
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

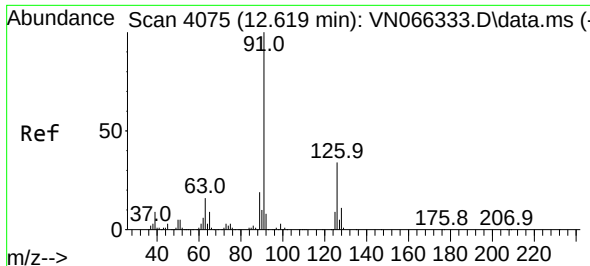
Tgt Ion: 75 Resp: 6751
Ion Ratio Lower Upper
75 100
77 803.2 0.0 0.0#



#78
n-propylbenzene
Concen: 50.35 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 91 Resp: 1230163
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.1

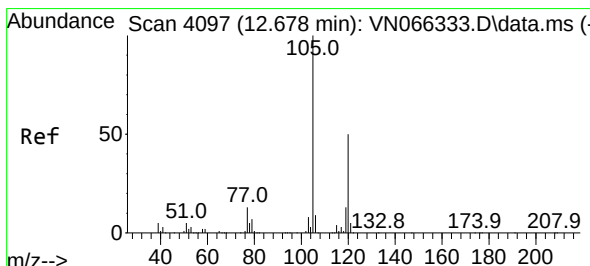
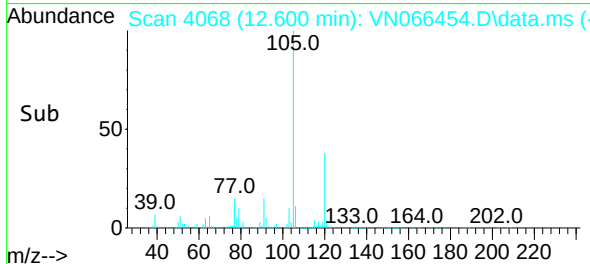
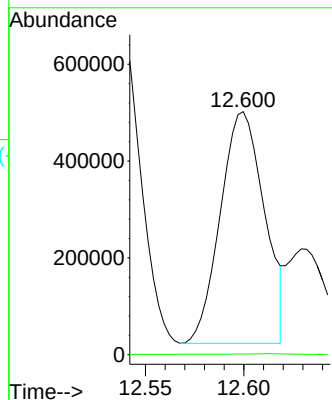
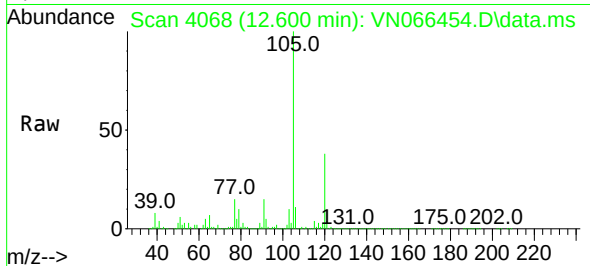




#79
2-Chlorotoluene
Concen: 49.60 ug/l
RT: 12.600 min Scan# 4068
Delta R.T. -0.016 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

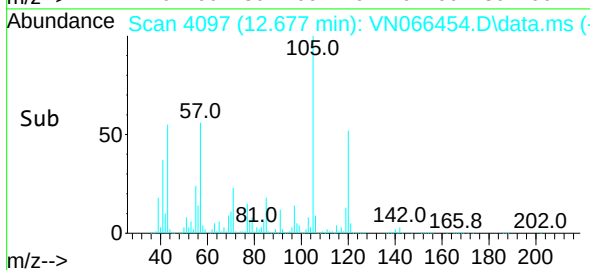
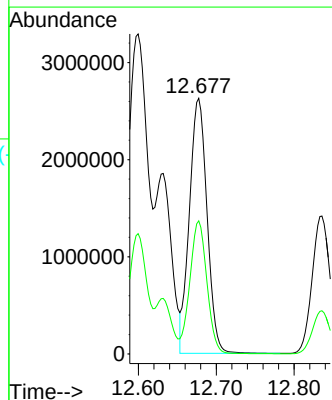
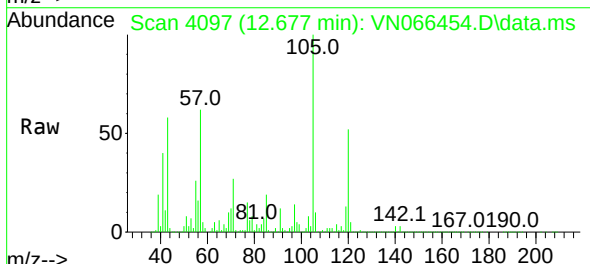
Instrument :
MSVOA_N
ClientSampled :
V-211ME

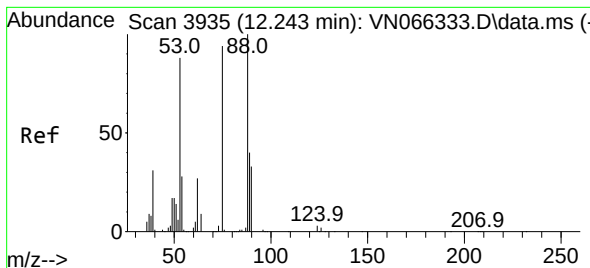
Tgt Ion: 91 Resp: 745258
Ion Ratio Lower Upper
91 100
126 0.2 17.2 51.5#



#80
1,3,5-Trimethylbenzene
Concen: 225.03 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 105 Resp: 4136013
Ion Ratio Lower Upper
105 100
120 50.8 24.5 73.5

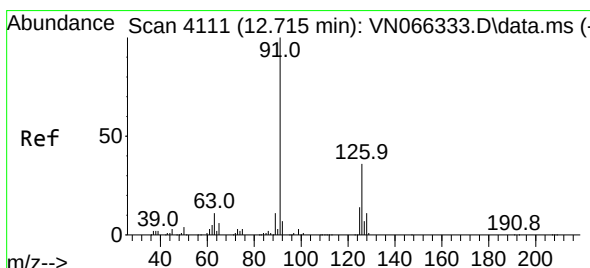
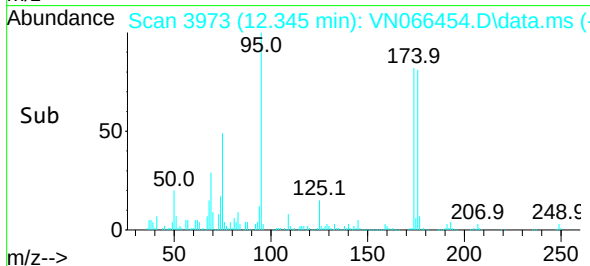
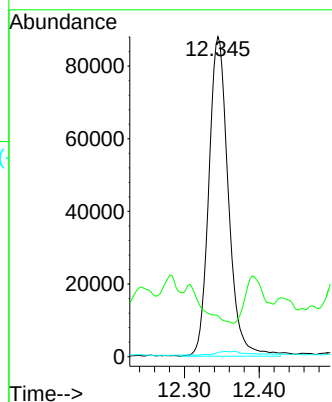
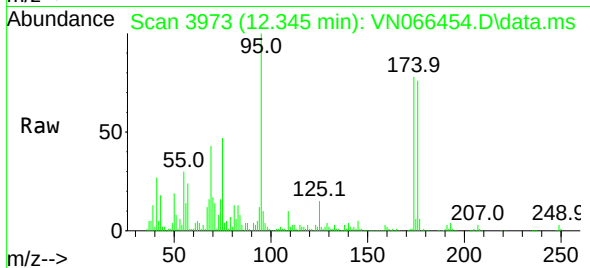




#81
trans-1,4-Dichloro-2-butene
Concen: 72.24 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

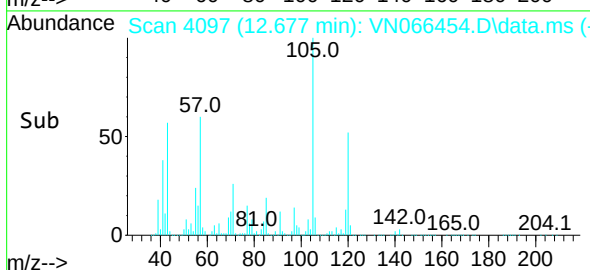
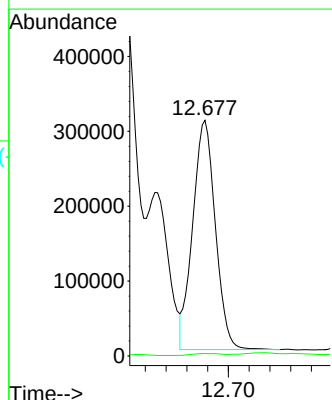
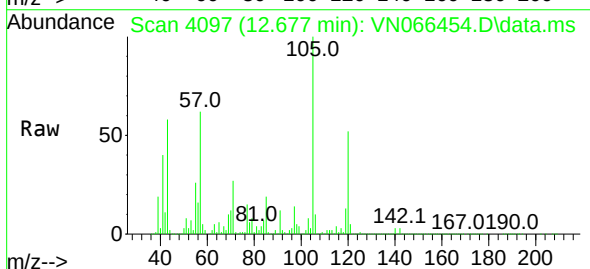
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

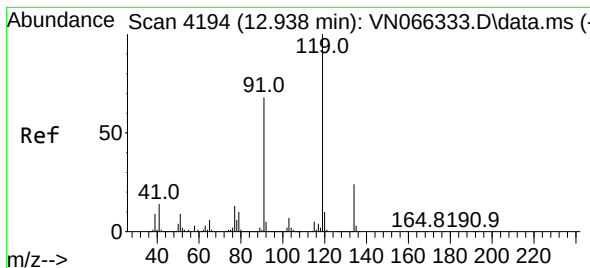
Tgt Ion: 75 Resp: 159244
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.6 35.7 53.5#



#82
4-Chlorotoluene
Concen: 30.93 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. -0.038 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 91 Resp: 462470
Ion Ratio Lower Upper
91 100
126 1.1 16.6 49.8#

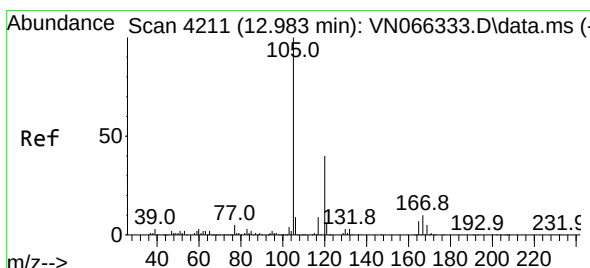
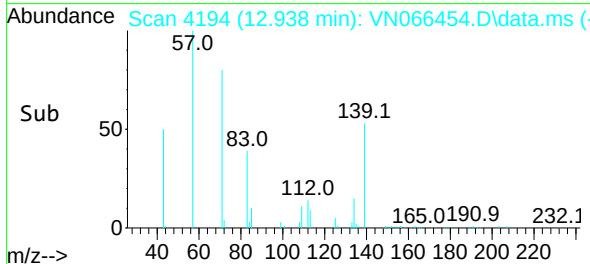
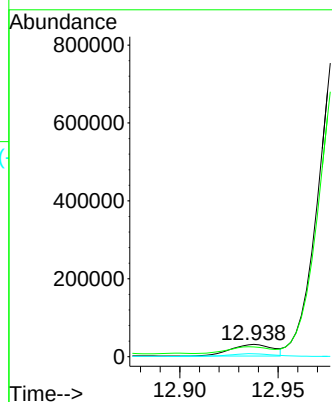
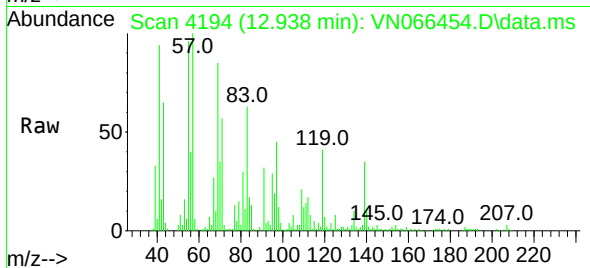




#83
tert-Butylbenzene
Concen: 2.88 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

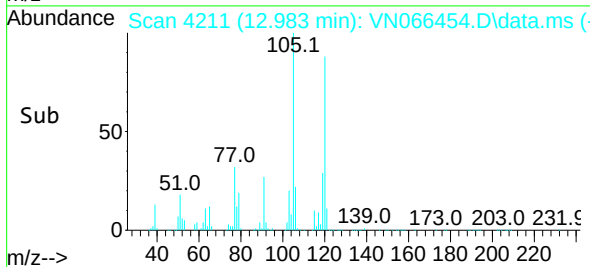
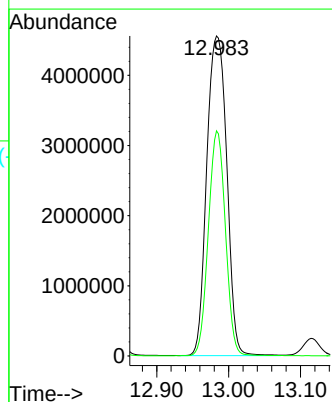
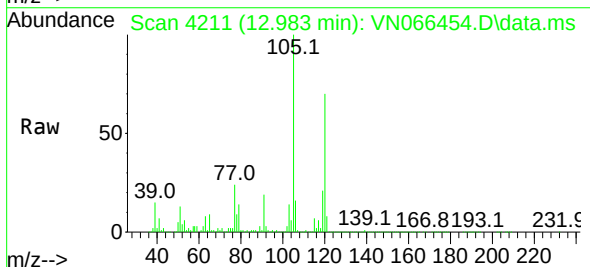
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

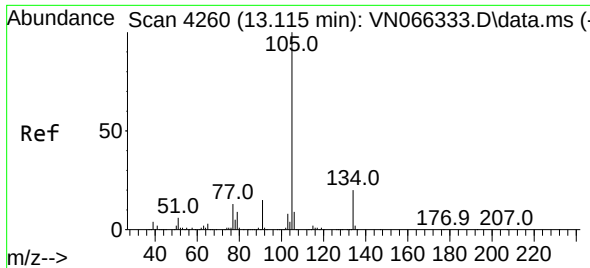
Tgt Ion:119 Resp: 45501
Ion Ratio Lower Upper
119 100
91 0.0 33.3 99.8#
134 25.9 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 493.50 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion:105 Resp: 8813106
Ion Ratio Lower Upper
105 100
120 60.2 23.1 69.2

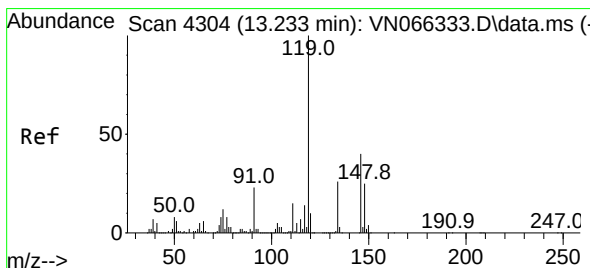
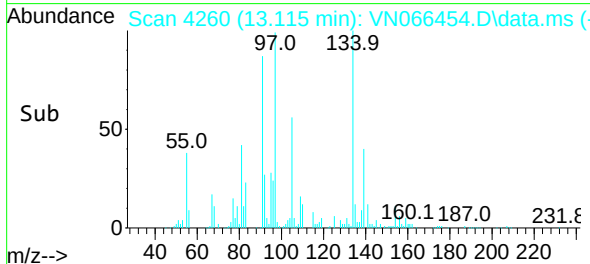
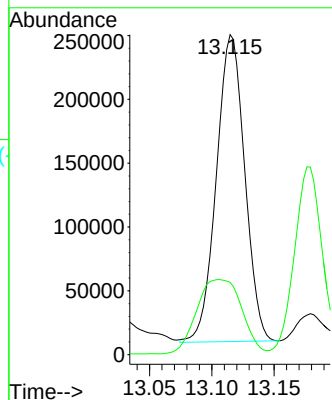
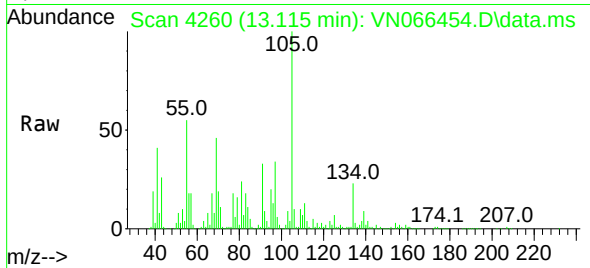




#85
 sec-Butylbenzene
 Concen: 18.55 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. -0.000 min
 Lab File: VN066454.D
 Acq: 1 Apr 2021 14:37

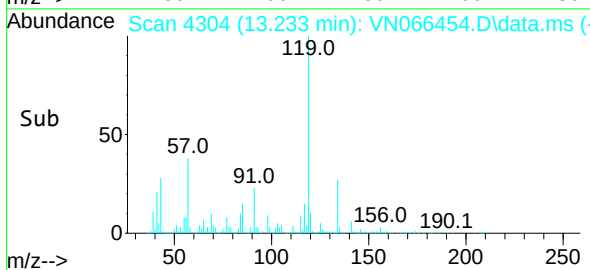
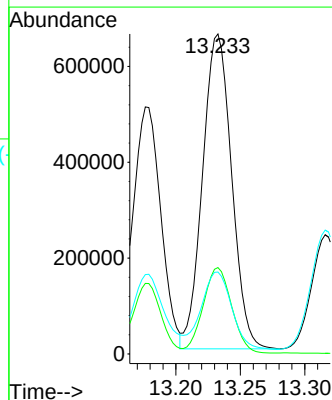
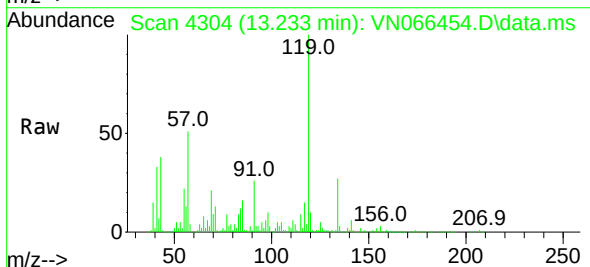
Instrument :
 MSVOA_N
 ClientSampleId :
 V-211ME

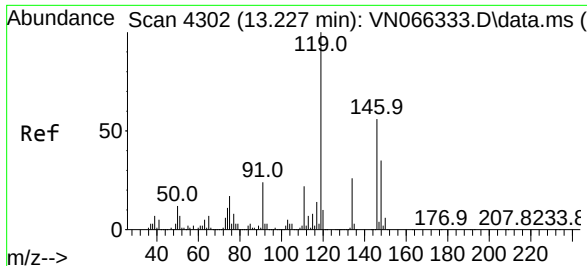
Tgt Ion:105 Resp: 380264
 Ion Ratio Lower Upper
 105 100
 134 38.4 9.9 29.7#



#86
 p-Isopropyltoluene
 Concen: 56.14 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. -0.000 min
 Lab File: VN066454.D
 Acq: 1 Apr 2021 14:37

Tgt Ion:119 Resp: 1030772
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 25.7 11.5 34.5

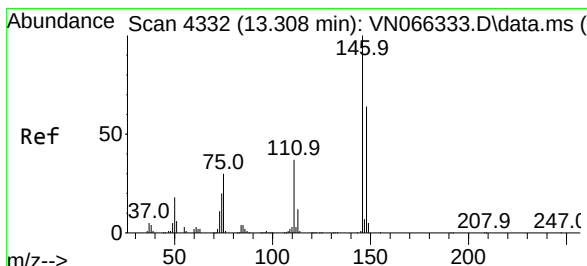
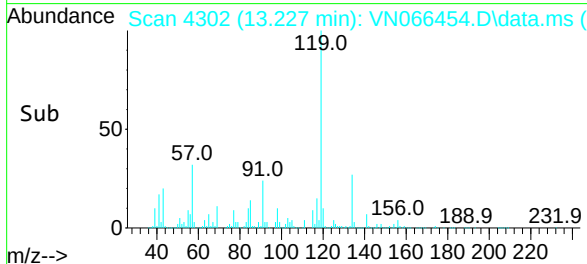
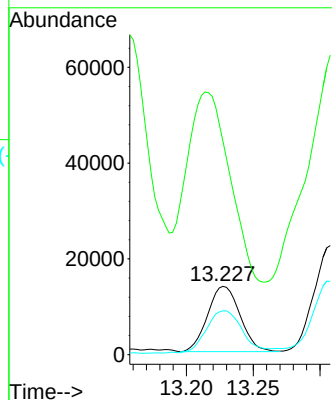
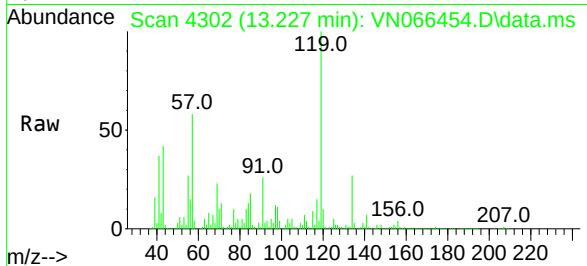




#87
1,3-Dichlorobenzene
Concen: 2.42 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

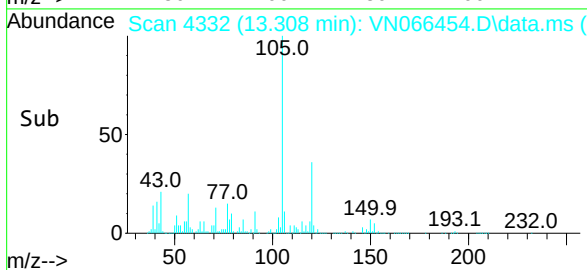
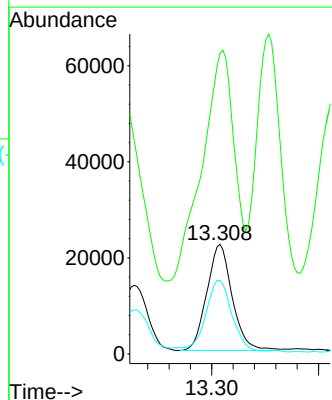
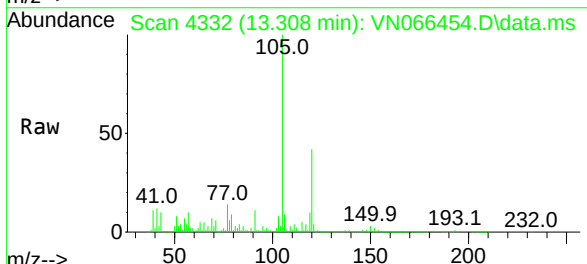
Instrument :
MSVOA_N
ClientSampled :
V-211ME

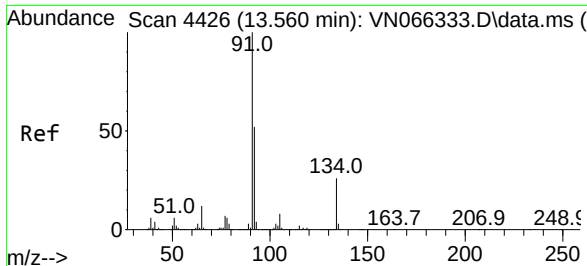
Tgt Ion:146 Resp: 23046
Ion Ratio Lower Upper
146 100
111 378.9 19.4 58.1#
148 70.4 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 3.68 ug/l
RT: 13.308 min Scan# 4332
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion:146 Resp: 36385
Ion Ratio Lower Upper
146 100
111 277.6 18.3 54.9#
148 68.2 31.9 95.9

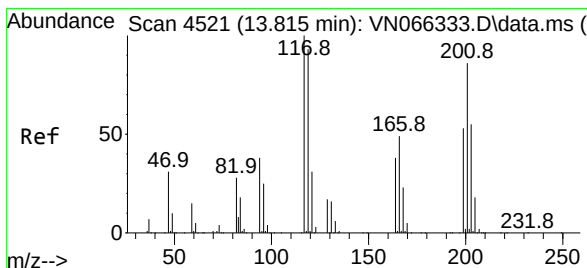
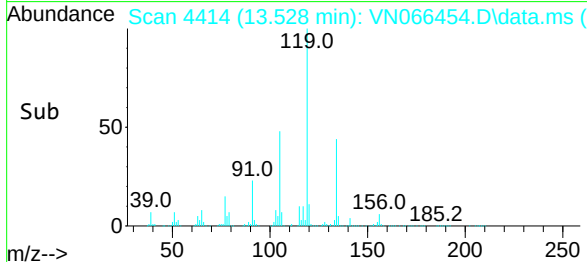
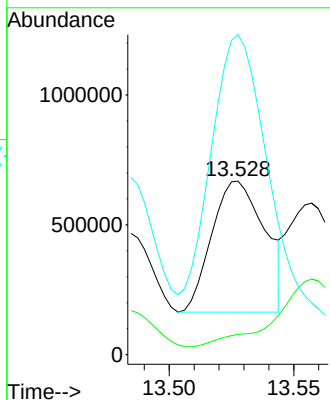
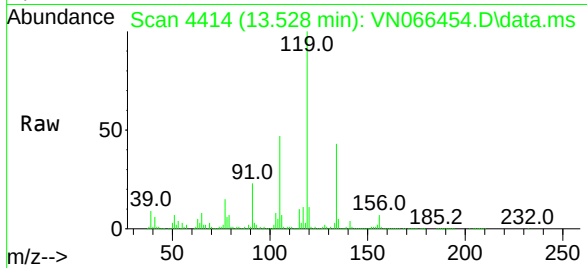




#89
n-Butylbenzene
Concen: 49.25 ug/l
RT: 13.528 min Scan# 4414
Delta R.T. -0.030 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

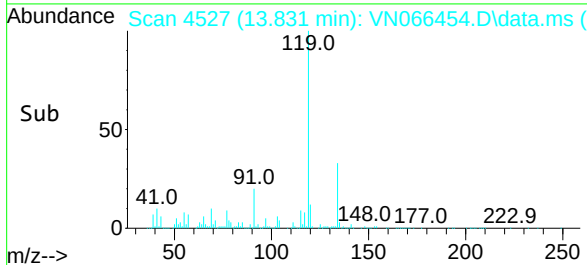
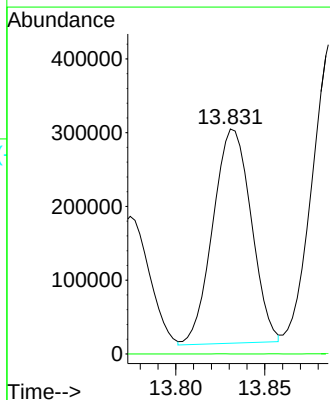
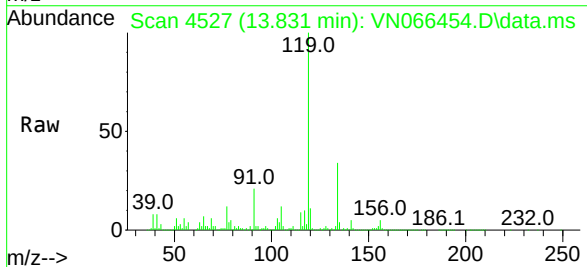
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

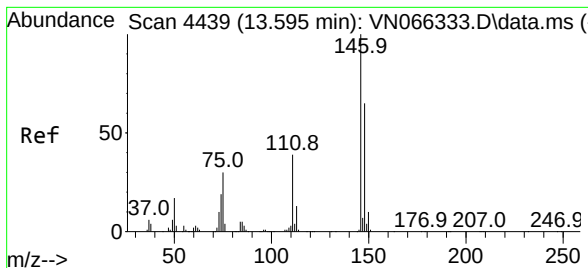
Tgt Ion: 91 Resp: 747040
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 302.7 12.8 38.4#



#90
Hexachloroethane
Concen: 131.35 ug/l
RT: 13.831 min Scan# 4527
Delta R.T. 0.016 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 117 Resp: 434936
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#

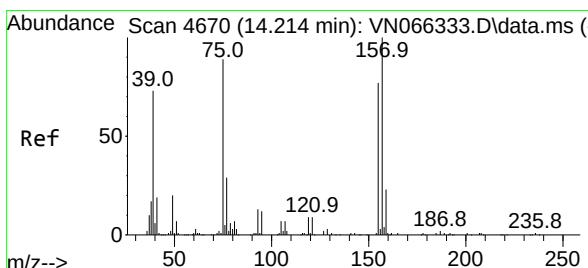
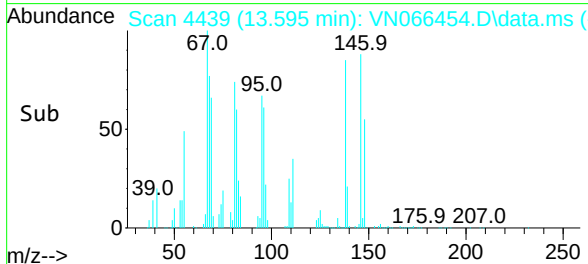
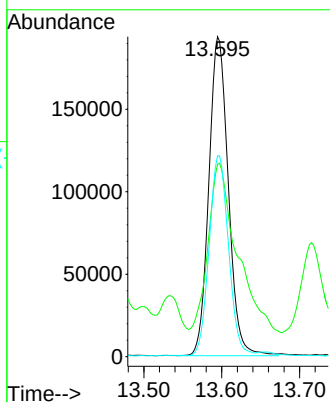
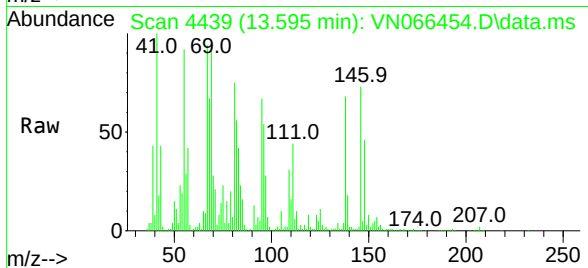




#91
1,2-Dichlorobenzene
Concen: 35.82 ug/l
RT: 13.595 min Scan# 4439
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

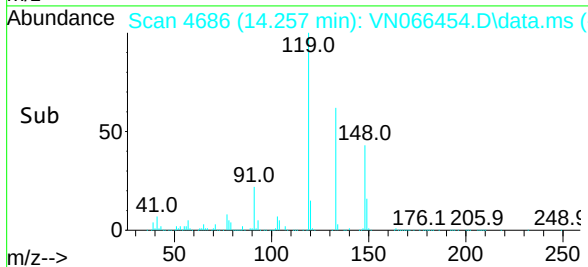
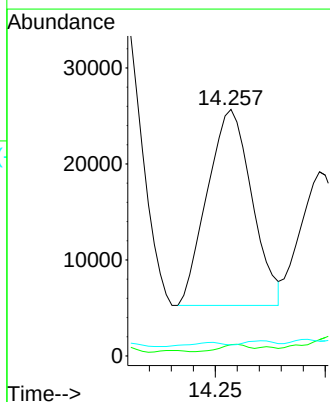
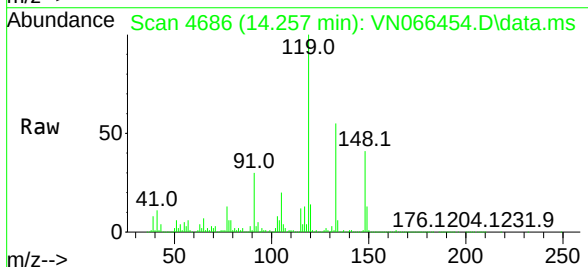
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

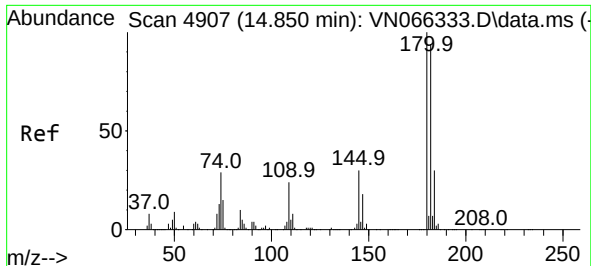
Tgt Ion:146 Resp: 335305
Ion Ratio Lower Upper
146 100
111 79.8 19.7 59.1#
148 62.4 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.02 ug/l
RT: 14.257 min Scan# 4686
Delta R.T. 0.029 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 75 Resp: 28842
Ion Ratio Lower Upper
75 100
155 0.0 43.8 131.3#
157 0.0 57.6 172.8#

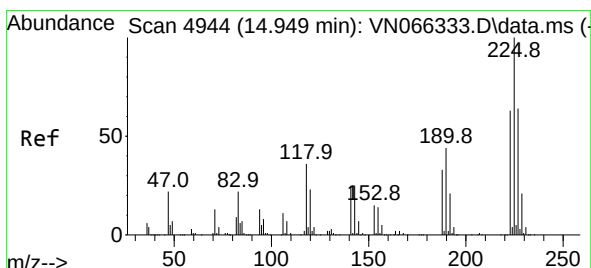
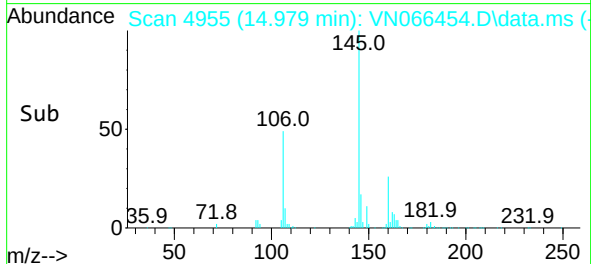
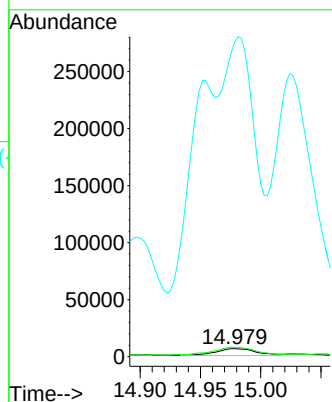
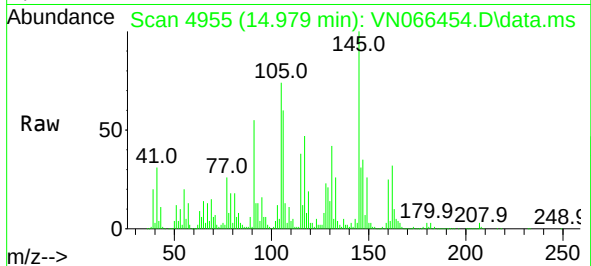




#93
1,2,4-Trichlorobenzene
Concen: 2.41 ug/l
RT: 14.979 min Scan# 4955
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

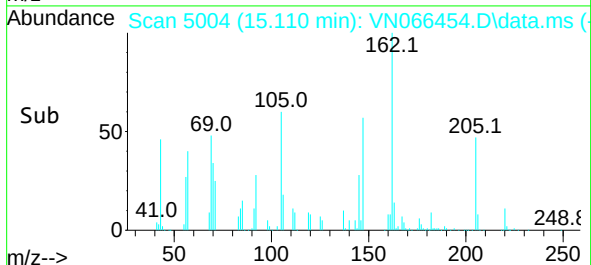
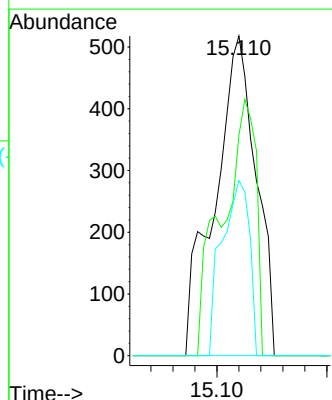
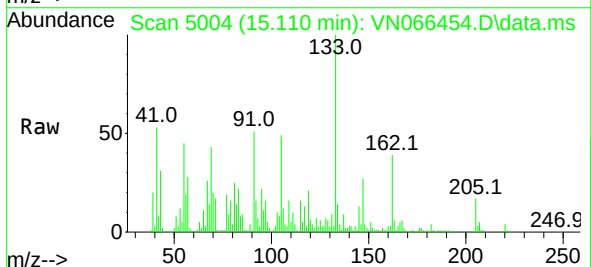
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

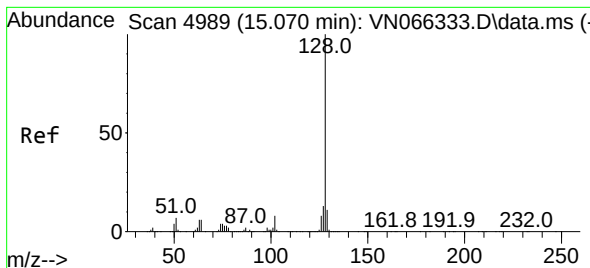
Tgt Ion:180 Resp: 13983
Ion Ratio Lower Upper
180 100
182 118.7 47.4 142.3
145 0.0 14.2 42.8#



#94
Hexachlorobutadiene
Concen: 0.21 ug/l
RT: 15.110 min Scan# 5004
Delta R.T. 0.005 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion:225 Resp: 676
Ion Ratio Lower Upper
225 100
223 46.6 31.1 93.5
227 36.7 32.1 96.3

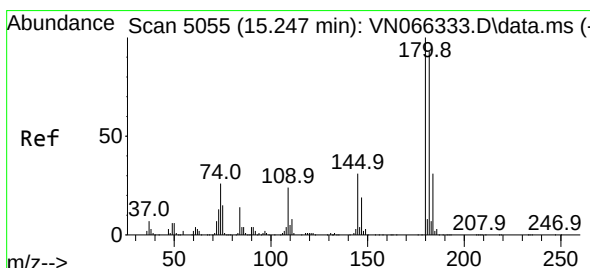
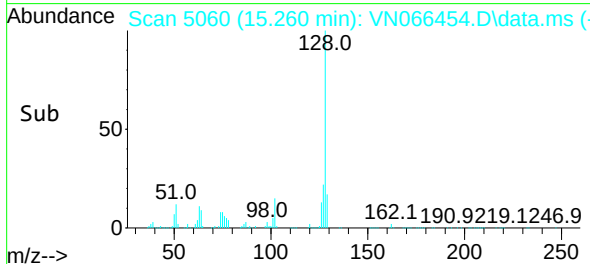
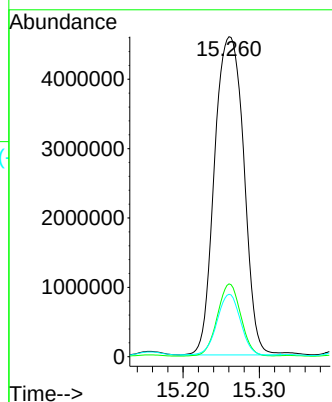
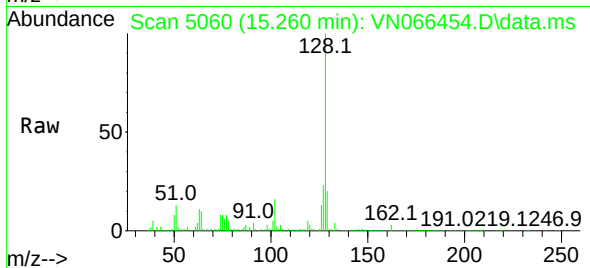




#95
Naphthalene
Concen: 707.41 ug/l
RT: 15.260 min Scan# 5060
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Instrument :
MSVOA_N
ClientSampleId :
V-211ME

Tgt Ion:128 Resp:12219798
Ion Ratio Lower Upper
128 100
127 18.2 10.5 15.7#
129 15.5 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 1.65 ug/l
RT: 15.502 min Scan# 5150
Delta R.T. 0.005 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion:180 Resp: 9629
Ion Ratio Lower Upper
180 100
182 85.1 47.6 142.9
145 0.0 15.4 46.1#

