

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066336.D
 Acq On : 25 Mar 2021 17:43
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 26 06:13:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 06:09:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	146980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	246135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	209251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	63536	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	95899	49.08	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.16%
35) Dibromofluoromethane	7.507	113	76608	46.95	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.90%
50) Toluene-d8	10.028	98	293992	47.50	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.00%
62) 4-Bromofluorobenzene	12.345	95	81919	38.11	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	76.22%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.824	85	586	0.32	ug/l #	42
3) Chloromethane	2.014	50	3749	0.91	ug/l	95
4) Vinyl Chloride	2.148	62	580	0.27	ug/l #	60
5) Bromomethane	2.513	94	2128	1.50	ug/l #	76
7) Trichlorofluoromethane	2.963	101	602	0.21	ug/l #	68
10) Methyl Iodide	3.875	142	996	0.43	ug/l #	86
13) Acrolein	3.532	56	5441	Below Cal	#	73
15) Acrylonitrile	4.873	53	518	0.62	ug/l #	17
16) Acetone	3.736	43	944	0.89	ug/l #	66
17) Carbon Disulfide	3.964	76	9502	1.91	ug/l	100
20) Methylene Chloride	4.439	84	814	Below Cal	#	65
27) cis-1,2-Dichloroethene	6.742	96	404	0.23	ug/l	72
29) Tetrahydrofuran	7.123	42	477	0.63	ug/l #	42
31) Cyclohexane	7.579	56	4166	1.54	ug/l #	60
36) 1,1-Dichloropropene	7.716	75	1068	0.46	ug/l #	59
38) Carbon Tetrachloride	7.585	117	13407	5.77	ug/l #	17
44) Trichloroethene	8.762	130	776	0.42	ug/l	95
49) 1,4-Dioxane	9.143	88	239	9.19	ug/l #	73
51) 4-Methyl-2-Pentanone	9.923	43	3474	1.37	ug/l	97
52) Toluene	10.092	92	978	0.23	ug/l	100
53) t-1,3-Dichloropropene	10.325	75	1305	0.48	ug/l #	81
54) cis-1,3-Dichloropropene	9.776	75	881	0.30	ug/l #	72
56) Ethyl methacrylate	10.376	69	590	0.22	ug/l #	61
59) 2-Hexanone	10.698	43	4567	2.56	ug/l	93
64) Tetrachloroethene	10.570	164	605	0.34	ug/l #	69
65) Chlorobenzene	11.377	112	1523	0.37	ug/l #	79
67) Ethyl Benzene	11.452	91	2505	0.33	ug/l	95
68) m/p-Xylenes	11.573	106	1873	0.65	ug/l	91
70) Styrene	11.911	104	1644	0.37	ug/l #	87
73) Isopropylbenzene	12.195	105	1960	0.41	ug/l	98
74) N-amyl acetate	12.010	43	103	2.46	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.444	83	339	0.23	ug/l #	32
76) 1,2,3-Trichloropropane	12.345	75	41536	29.79	ug/l #	100
77) Bromobenzene	12.466	156	709	0.59	ug/l #	32
78) n-propylbenzene	12.538	91	4200	0.82	ug/l	87
79) 2-Chlorotoluene	12.627	91	1391	0.44	ug/l	88

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

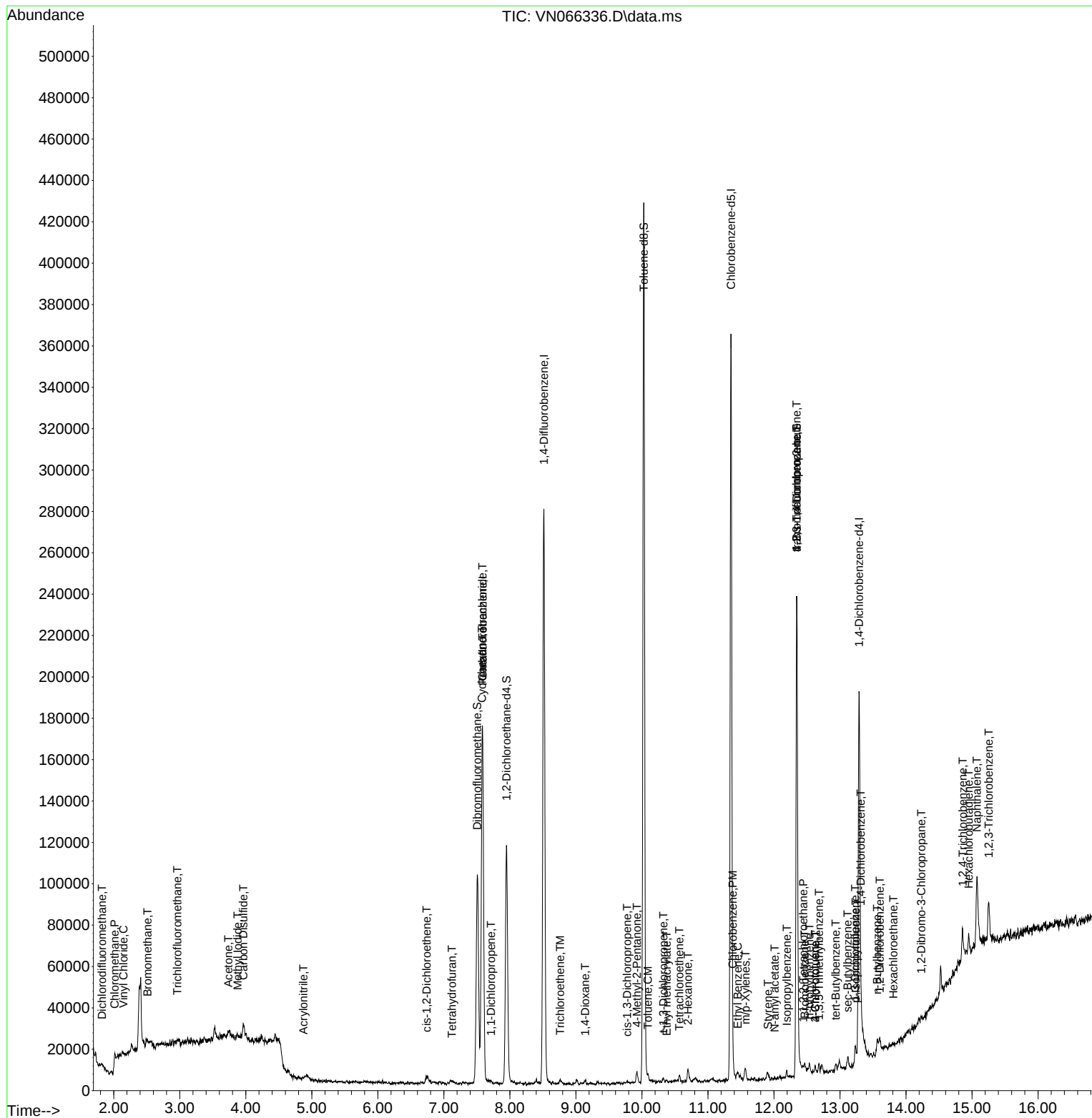
80) 1,3,5-Trimethylbenzene	12.686	105	1968	0.51	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.345	75	41536	89.60	ug/l #	12
82) 4-Chlorotoluene	12.627	91	1391	0.44	ug/l	86
83) tert-Butylbenzene	12.938	119	1725	0.52	ug/l #	69
85) sec-Butylbenzene	13.117	105	3153	0.73	ug/l	84
86) p-Isopropyltoluene	13.238	119	4641	1.20	ug/l	85
87) 1,3-Dichlorobenzene	13.233	146	2531	1.26	ug/l	88
88) 1,4-Dichlorobenzene	13.313	146	2682	1.29	ug/l	85
89) n-Butylbenzene	13.565	91	6962	2.18	ug/l #	84
90) Hexachloroethane	13.812	117	354	0.51	ug/l #	5
91) 1,2-Dichlorobenzene	13.603	146	2036	1.03	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.230	75	559	1.94	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.861	180	5414	4.43	ug/l	95
94) Hexachlorobutadiene	14.949	225	1818	2.73	ug/l	96
95) Naphthalene	15.075	128	35914	10.91	ug/l	99
96) 1,2,3-Trichlorobenzene	15.252	180	7125	5.81	ug/l	85

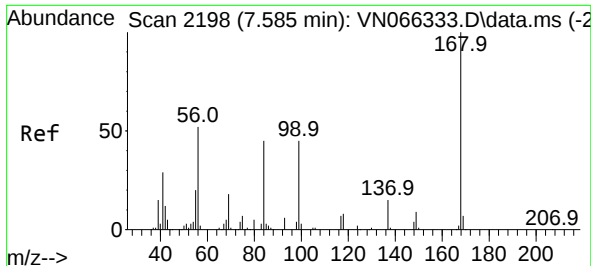
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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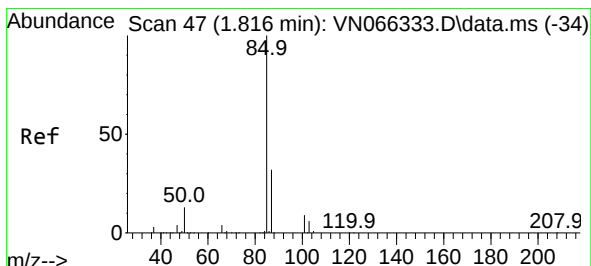
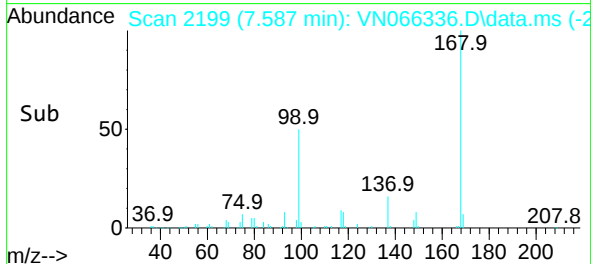
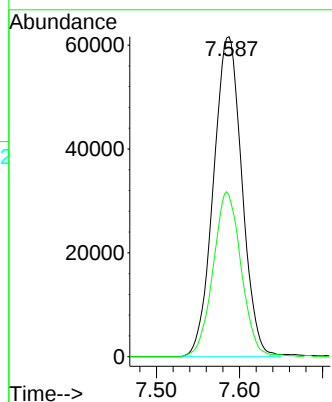
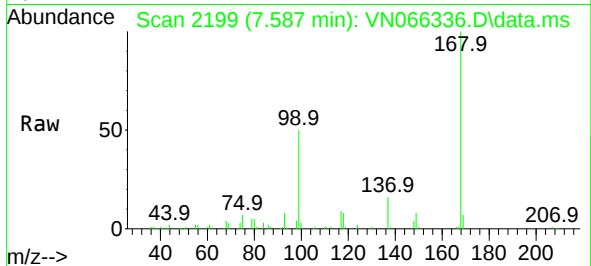




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.002 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

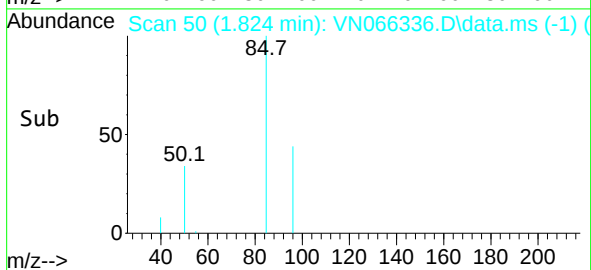
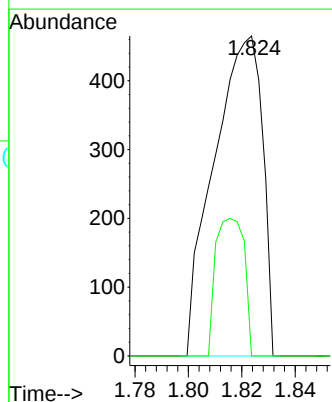
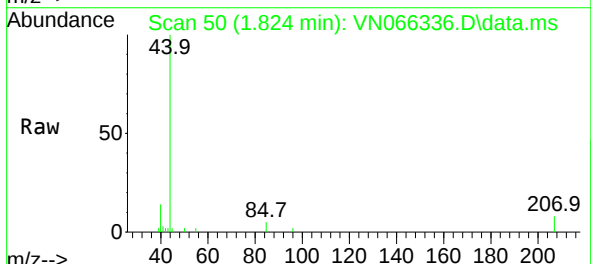
Instrument :
MSVOA_N
ClientSampled :

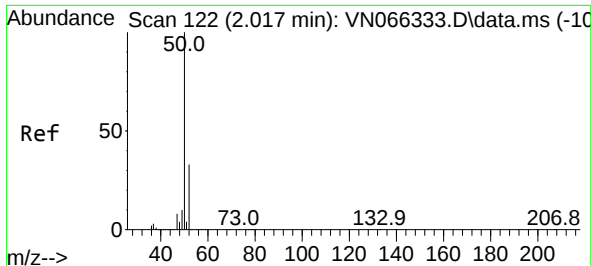
Tgt Ion:168 Resp: 146980
Ion Ratio Lower Upper
168 100
99 50.4 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 0.32 ug/l
RT: 1.824 min Scan# 50
Delta R.T. 0.008 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

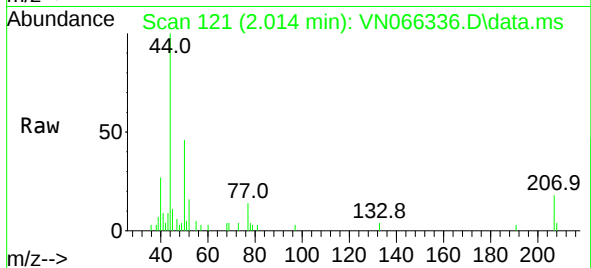
Tgt Ion: 85 Resp: 586
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#



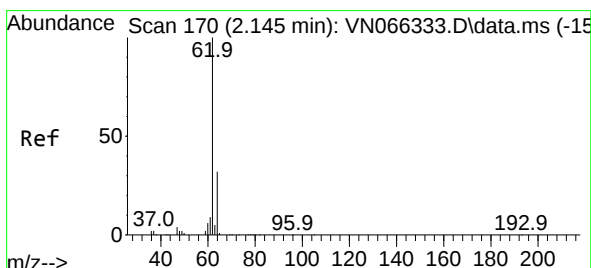
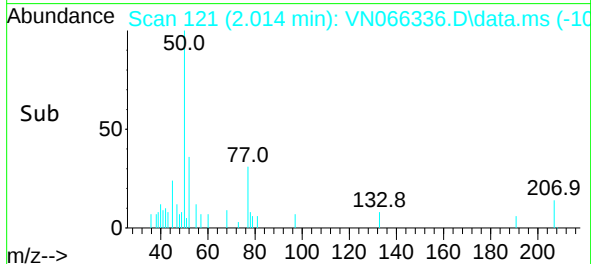
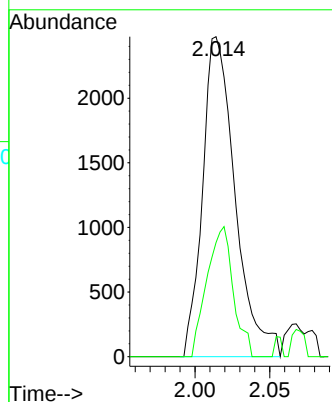


#3
Chloromethane
Concen: 0.91 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Instrument :
MSVOA_N
ClientSampled :

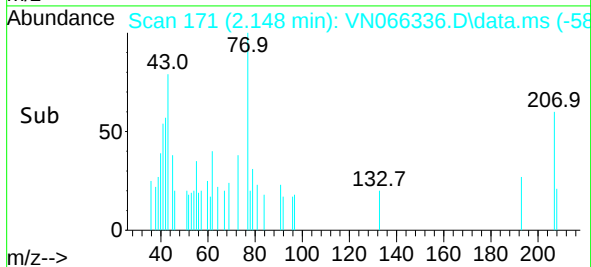
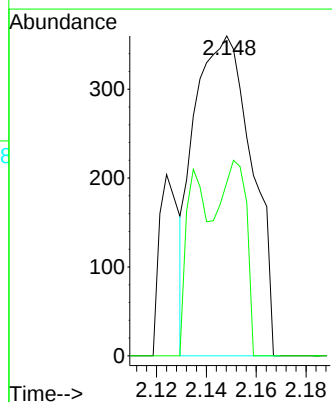
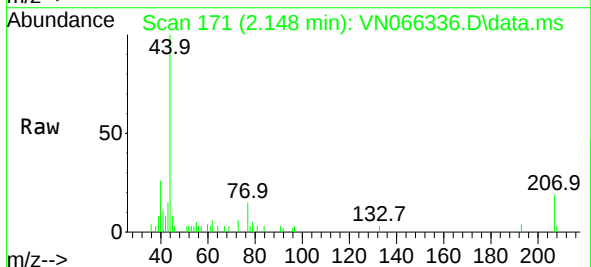


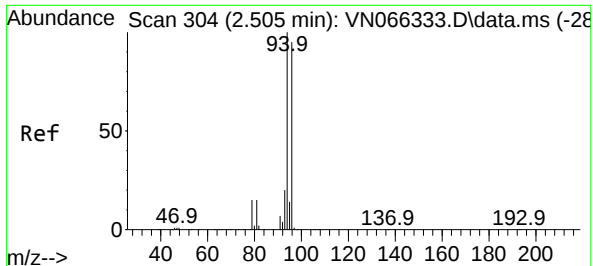
Tgt Ion: 50 Resp: 3749
Ion Ratio Lower Upper
50 100
52 35.7 26.2 39.2



#4
Vinyl Chloride
Concen: 0.27 ug/l
RT: 2.148 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 62 Resp: 580
Ion Ratio Lower Upper
62 100
64 54.2 25.6 38.4#

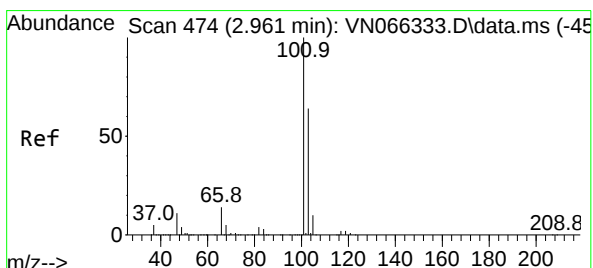
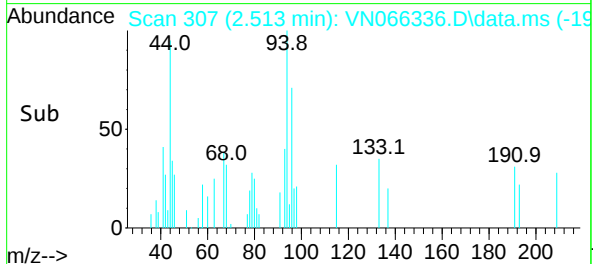
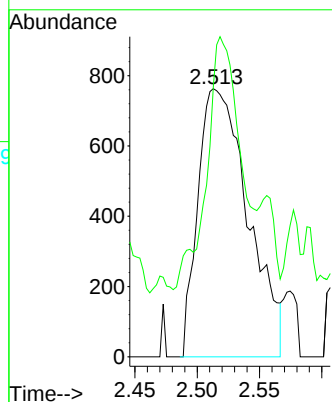
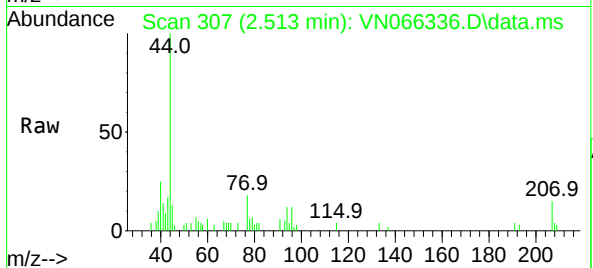




#5
Bromomethane
Concen: 1.50 ug/l
RT: 2.513 min Scan# 307
Delta R.T. 0.008 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

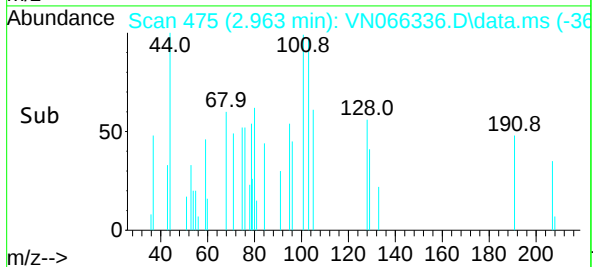
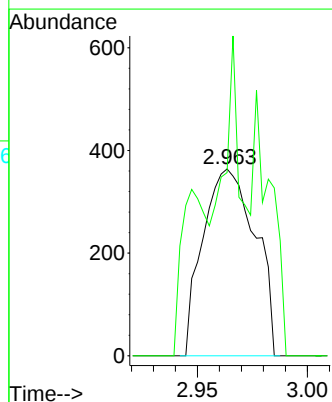
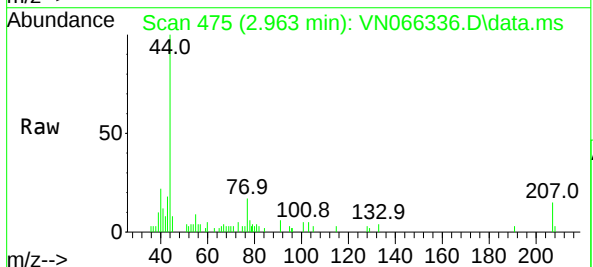
Instrument :
MSVOA_N
ClientSampled :

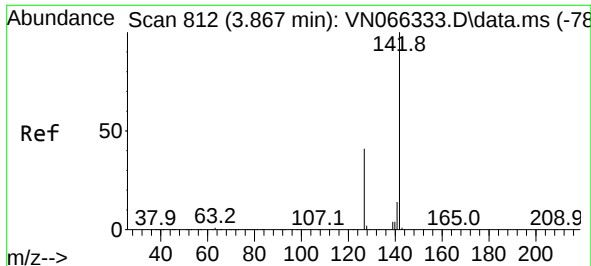
Tgt Ion: 94 Resp: 2128
Ion Ratio Lower Upper
94 100
96 71.7 75.8 113.6#



#7
Trichlorofluoromethane
Concen: 0.21 ug/l
RT: 2.963 min Scan# 475
Delta R.T. 0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

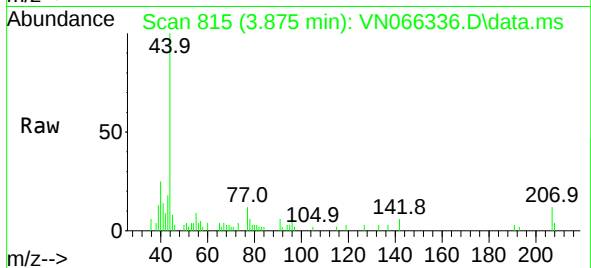
Tgt Ion:101 Resp: 602
Ion Ratio Lower Upper
101 100
103 39.3 51.4 77.0#



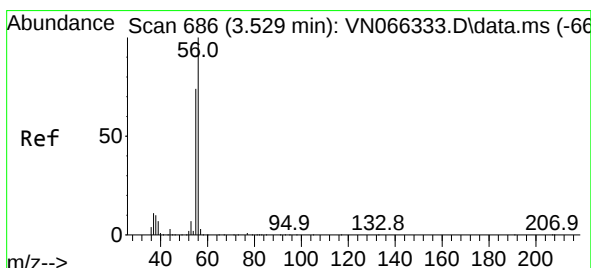
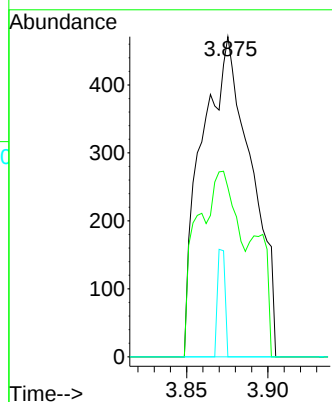
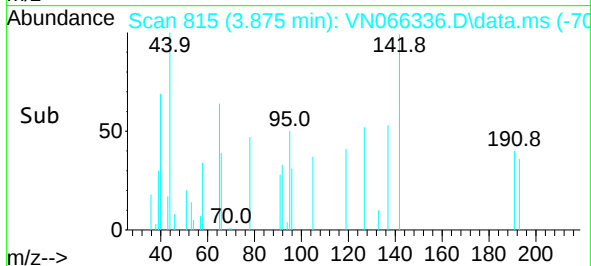


#10
Methyl Iodide
Concen: 0.43 ug/l
RT: 3.875 min Scan# 815
Delta R.T. 0.008 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

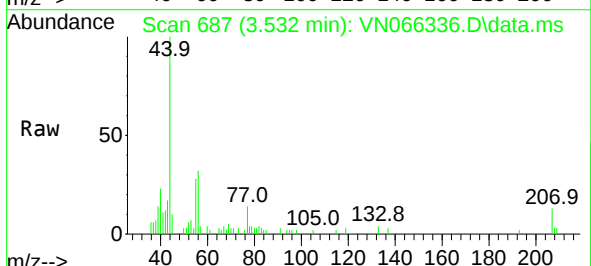
Instrument :
MSVOA_N
ClientSampled :



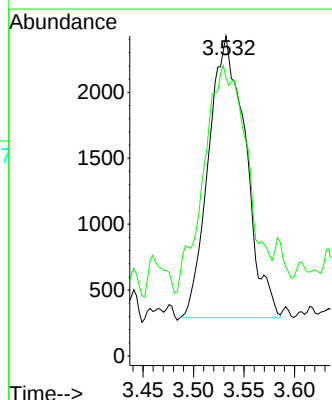
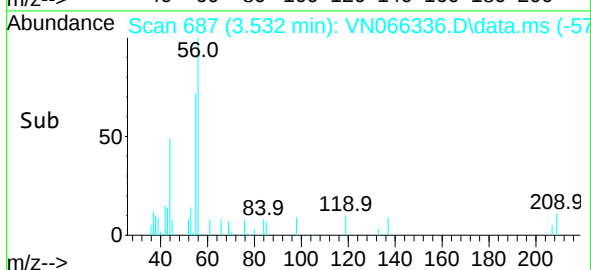
Tgt Ion:142 Resp: 996
Ion Ratio Lower Upper
142 100
127 48.3 33.0 49.6
141 5.1 11.1 16.7#

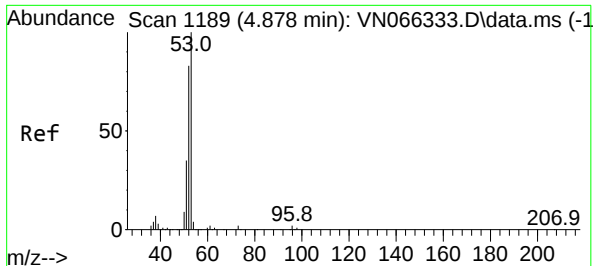


#13
Acrolein
Concen: Below Cal
RT: 3.532 min Scan# 687
Delta R.T. 0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43



Tgt Ion: 56 Resp: 5441
Ion Ratio Lower Upper
56 100
55 94.7 57.9 86.9#





#15

Acrylonitrile

Concen: 0.62 ug/l

RT: 4.873 min Scan# 1187

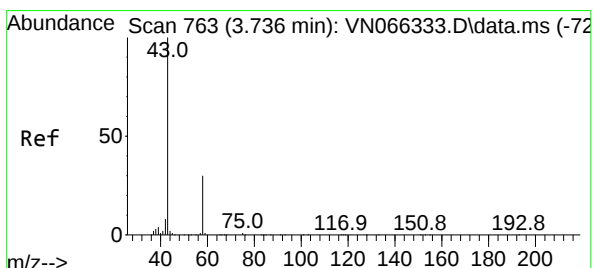
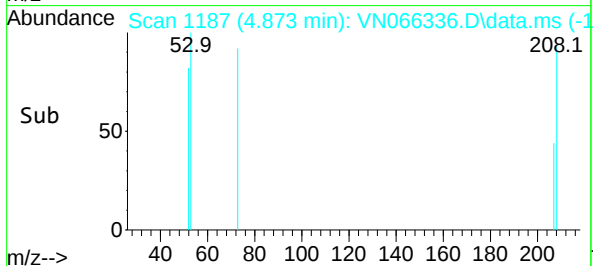
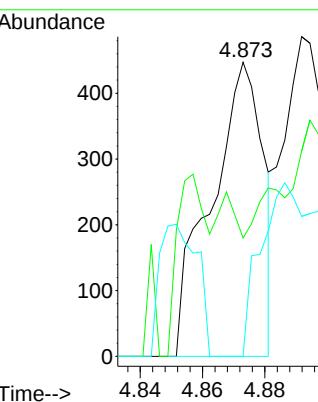
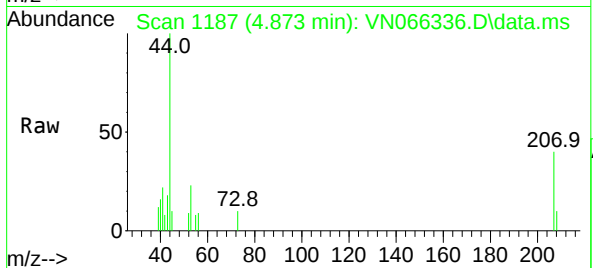
Delta R.T. -0.005 min

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MSVOA_N
ClientSampled :

Tgt Ion: 53	Resp: 518
Ion Ratio	Lower Upper
53	100
52	0.0 66.6 99.8#
51	0.0 29.4 44.0#



#16

Acetone

Concen: 0.89 ug/l

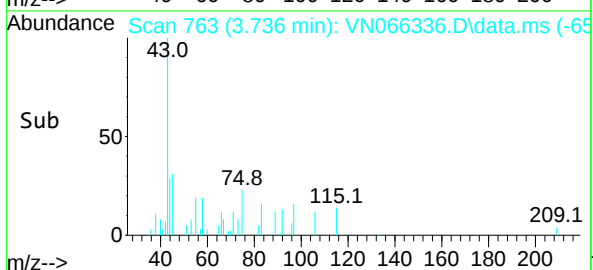
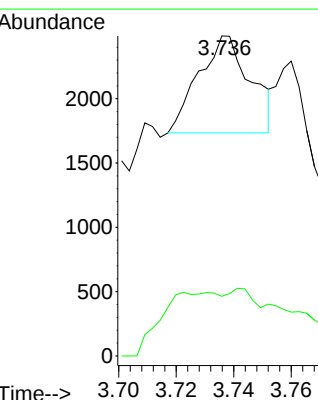
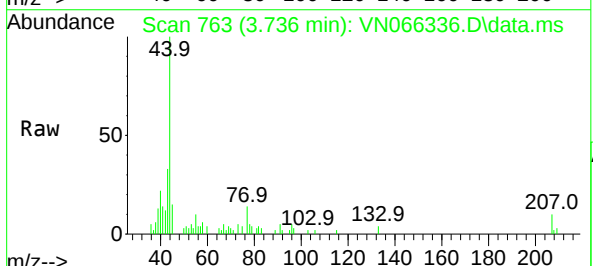
RT: 3.736 min Scan# 763

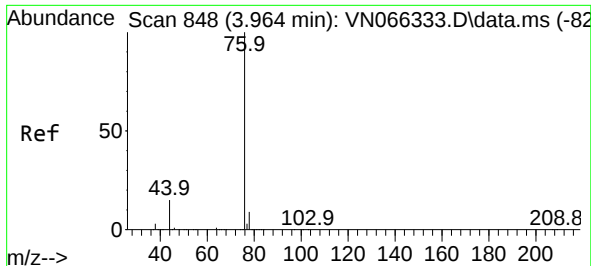
Delta R.T. -0.000 min

Lab File: VN066336.D

Acq: 25 Mar 2021 17:43

Tgt Ion: 43	Resp: 944
Ion Ratio	Lower Upper
43	100
58	11.4 23.8 35.8#

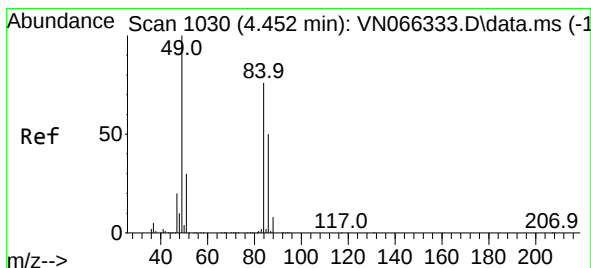
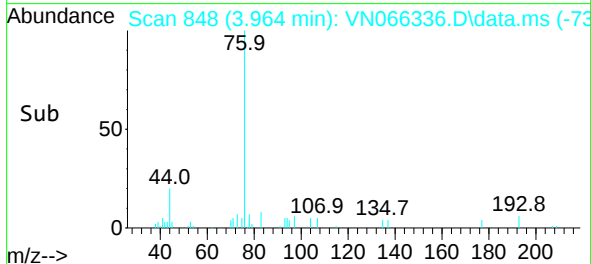
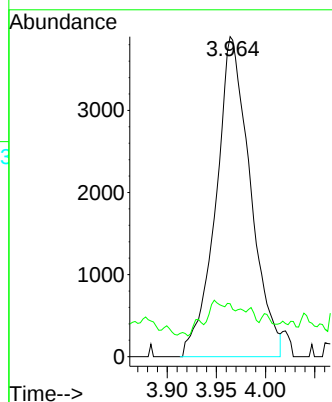
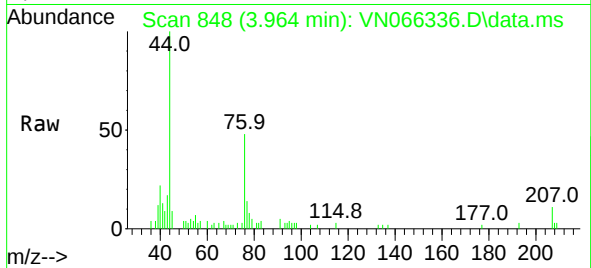




#17
Carbon Disulfide
Concen: 1.91 ug/l
RT: 3.964 min Scan# 848
Delta R.T. -0.000 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

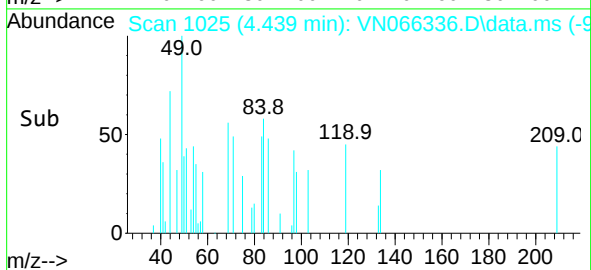
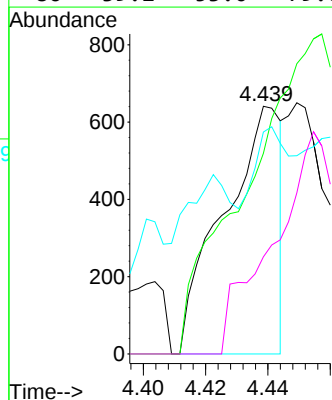
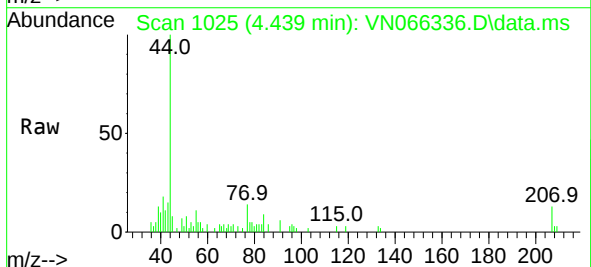
Instrument :
MSVOA_N
ClientSampled :

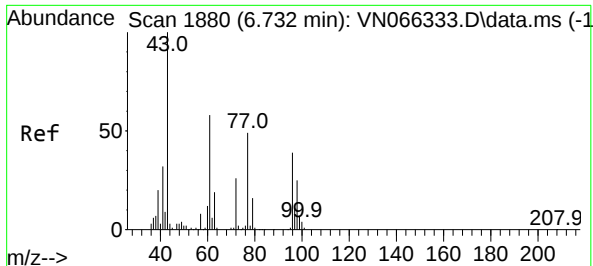
Tgt Ion: 76 Resp: 9502
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.439 min Scan# 1025
Delta R.T. -0.013 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 84 Resp: 814
Ion Ratio Lower Upper
84 100
49 81.0 105.0 157.6#
51 33.4 31.6 47.4
86 39.2 53.0 79.6#

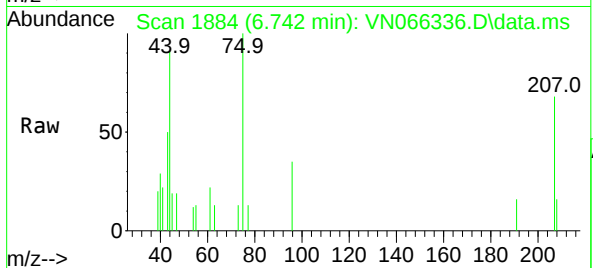




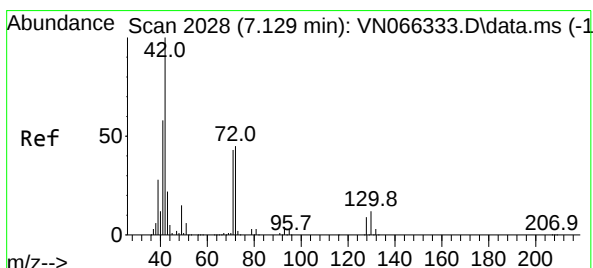
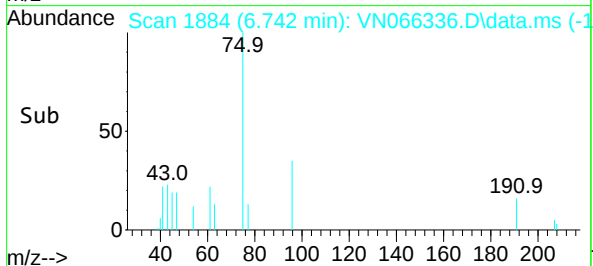
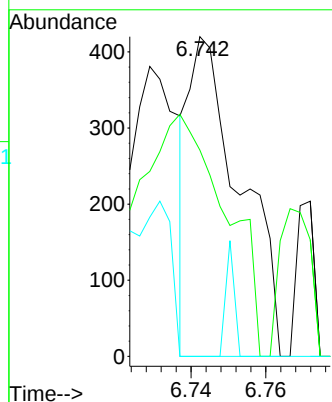
#27

cis-1,2-Dichloroethene
Concen: 0.23 ug/l
RT: 6.742 min Scan# 1884
Delta R.T. 0.011 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Instrument :
MSVOA_N
ClientSampled :

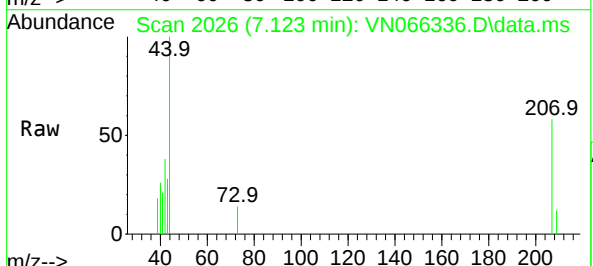


Tgt Ion: 96	Resp: 404
Ion Ratio	Lower Upper
96 100	
61 157.9	0.0 296.2
98 5.9	0.0 129.2

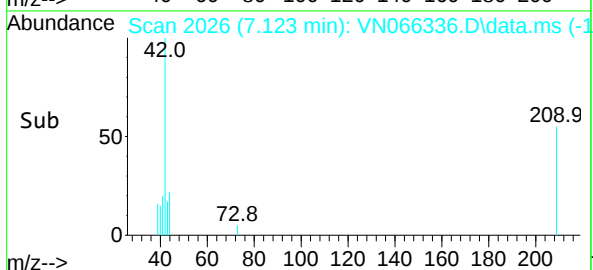
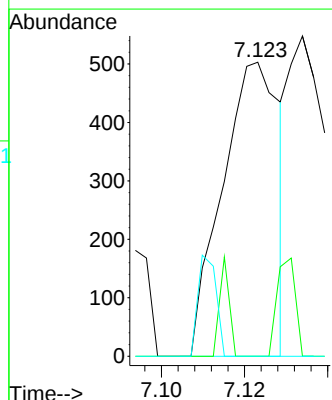


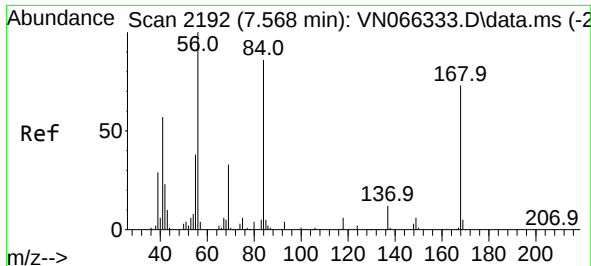
#29

Tetrahydrofuran
Concen: 0.63 ug/l
RT: 7.123 min Scan# 2026
Delta R.T. -0.005 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43



Tgt Ion: 42	Resp: 477
Ion Ratio	Lower Upper
42 100	
72 10.9	35.2 52.8#
71 0.0	33.1 49.7#

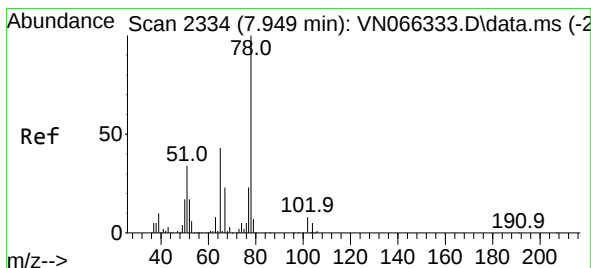
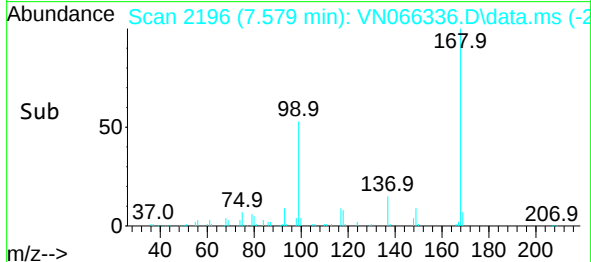
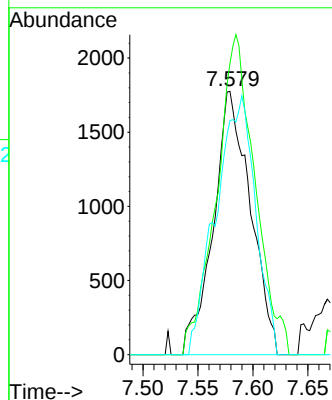
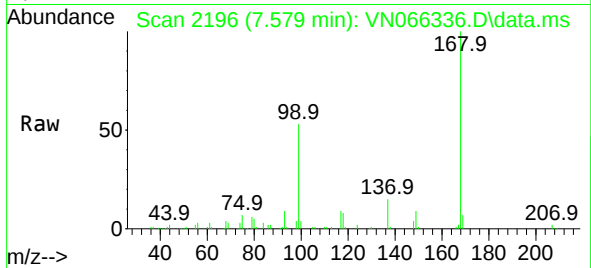




#31
Cyclohexane
Concen: 1.54 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.011 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

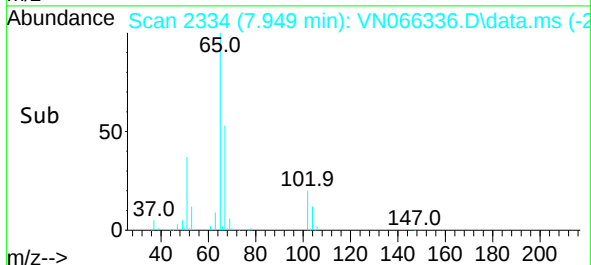
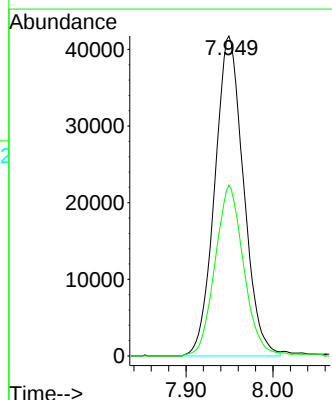
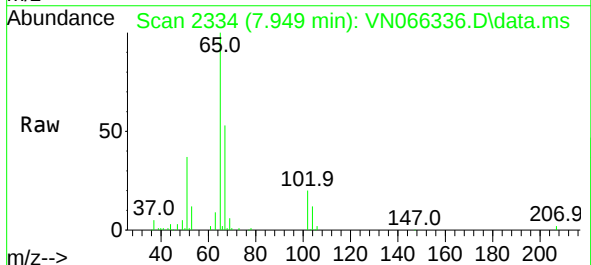
Instrument :
MSVOA_N
ClientSampled :

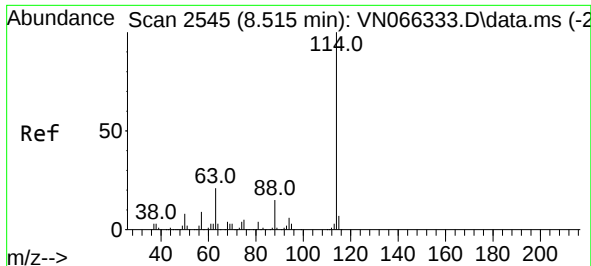
Tgt Ion: 56 Resp: 4166
Ion Ratio Lower Upper
56 100
69 110.6 26.6 40.0#
84 89.0 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 49.08 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. -0.000 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 65 Resp: 95899
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.2

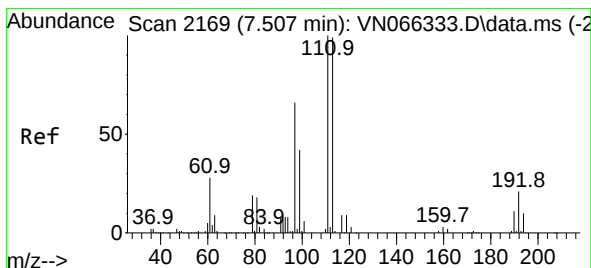
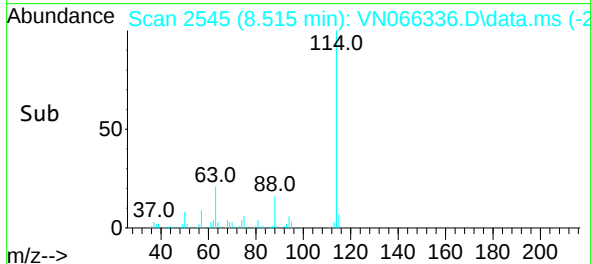
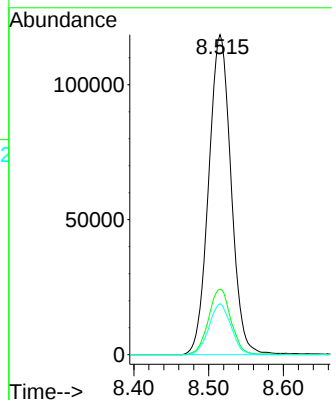
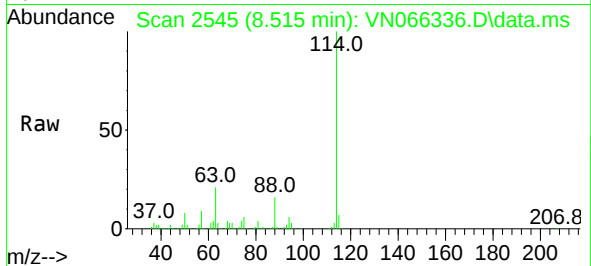




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

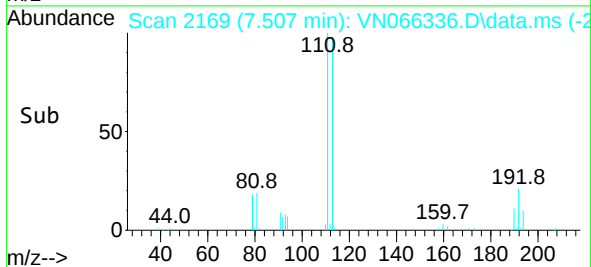
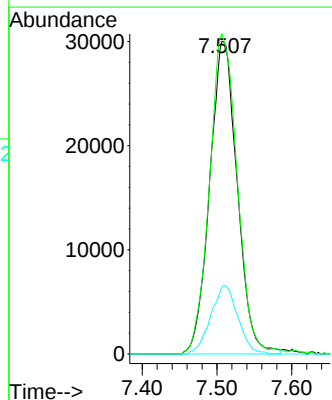
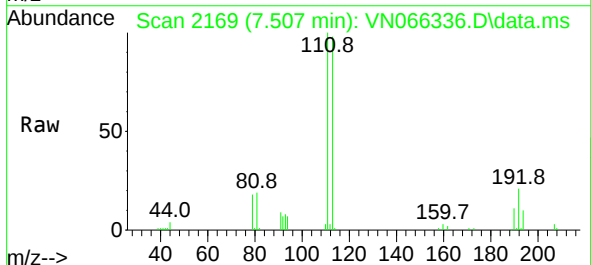
Instrument :
MSVOA_N
ClientSampled :

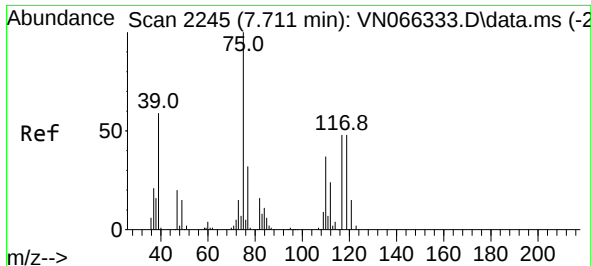
Tgt Ion:114 Resp: 246135
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.0
88 16.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 46.95 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

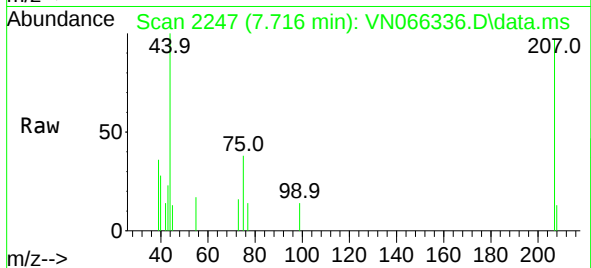
Tgt Ion:113 Resp: 76608
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 21.5 17.1 25.7



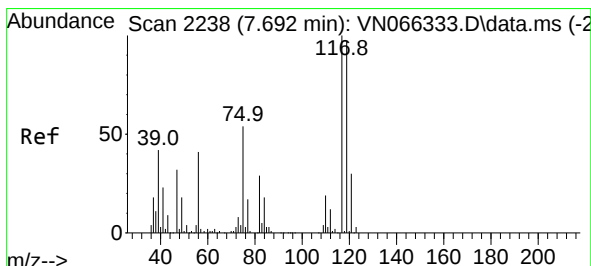
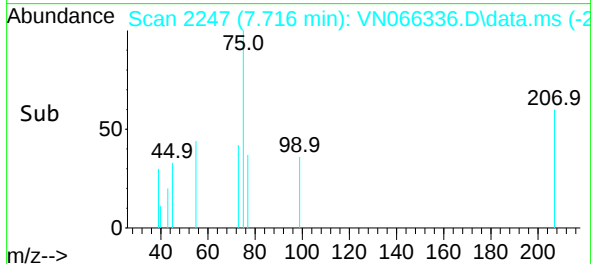
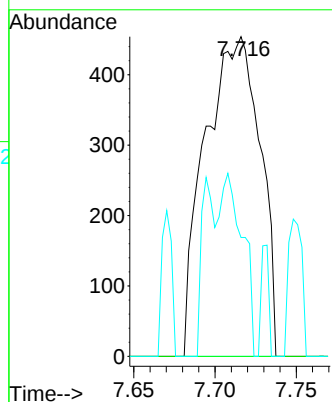


#36
1,1-Dichloropropene
Concen: 0.46 ug/l
RT: 7.716 min Scan# 2247
Delta R.T. 0.005 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Instrument :
MSVOA_N
ClientSampled :

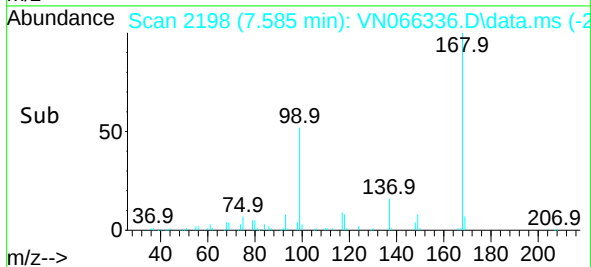
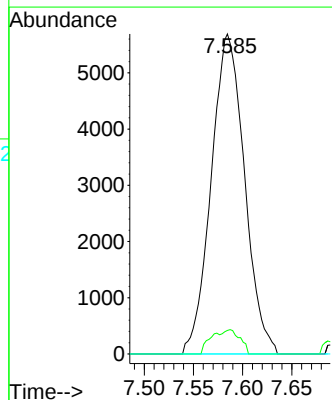
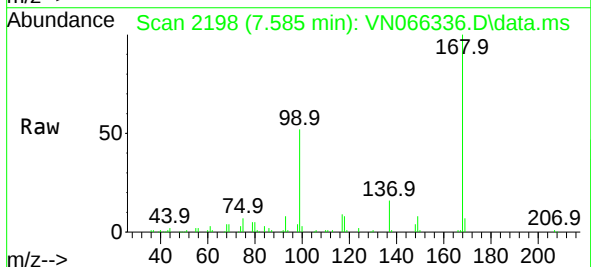


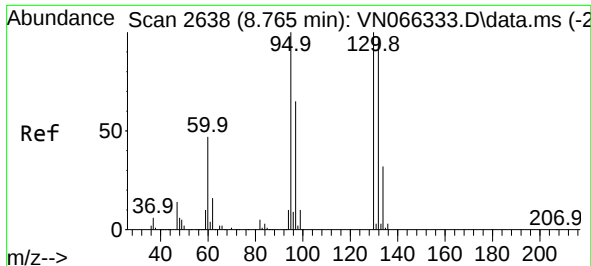
Tgt Ion: 75 Resp: 1068
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.3#
77 21.3 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.107 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 117 Resp: 13407
Ion Ratio Lower Upper
117 100
119 7.3 77.2 115.8#
121 0.0 24.2 36.4#

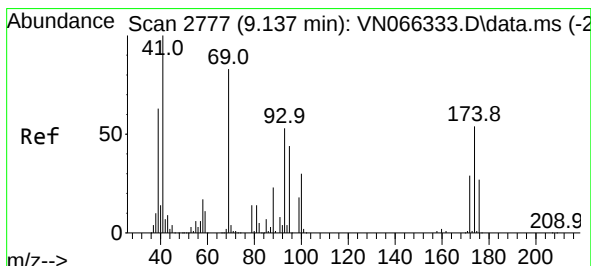
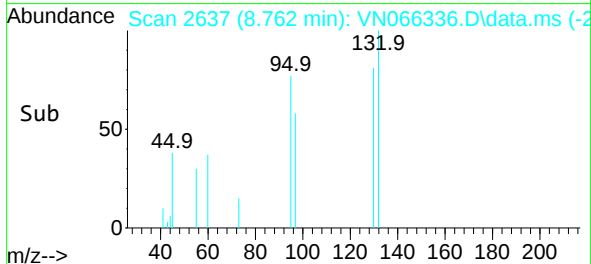
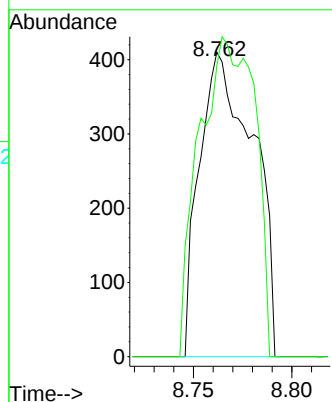
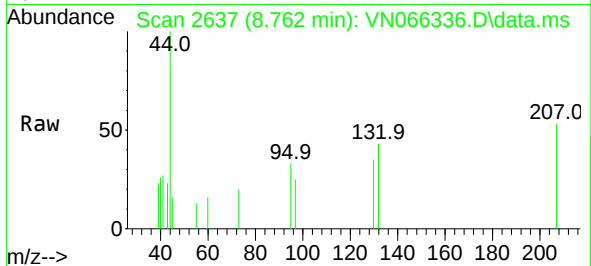




#44
Trichloroethene
Concen: 0.42 ug/l
RT: 8.762 min Scan# 2637
Delta R.T. -0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

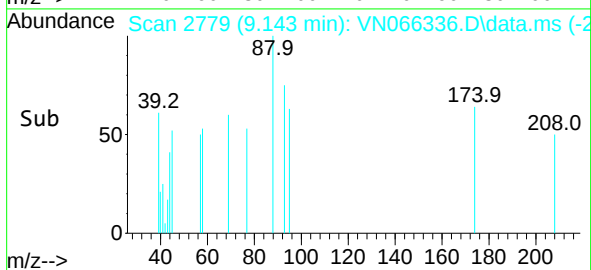
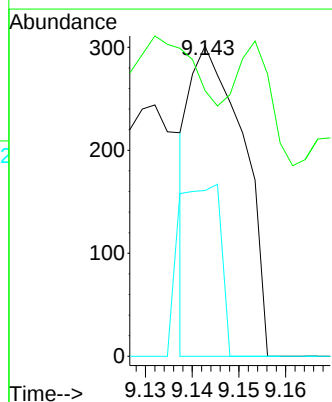
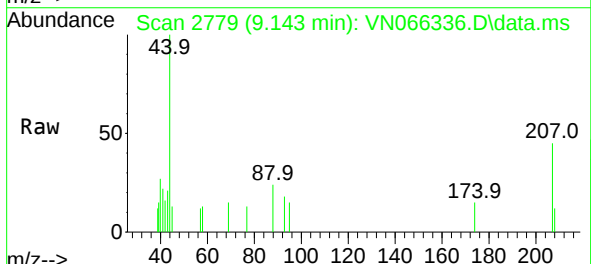
Instrument :
MSVOA_N
ClientSampled :

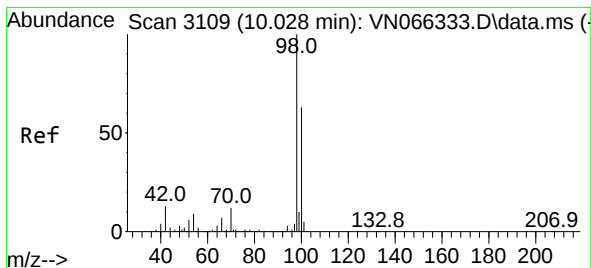
Tgt Ion:130 Resp: 776
Ion Ratio Lower Upper
130 100
95 95.6 0.0 200.6



#49
1,4-Dioxane
Concen: 9.19 ug/l
RT: 9.143 min Scan# 2779
Delta R.T. 0.005 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 88 Resp: 239
Ion Ratio Lower Upper
88 100
43 27.2 28.2 42.4#
58 43.5 56.6 84.8#

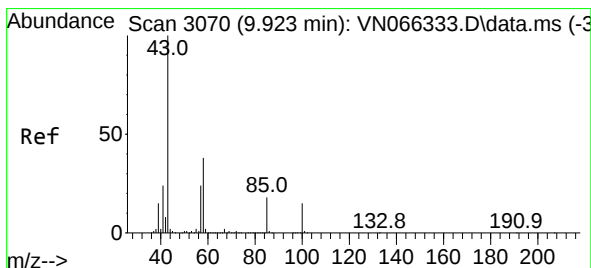
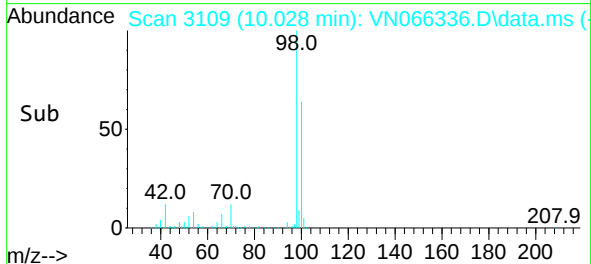
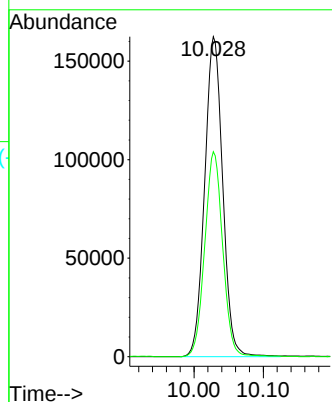
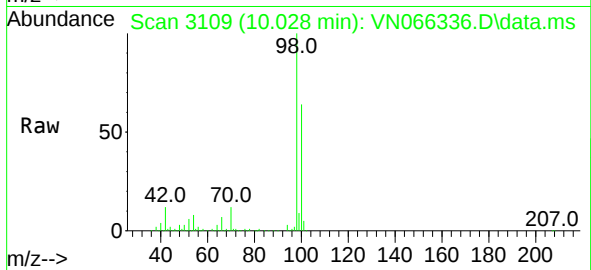




#50
Toluene-d8
Concen: 47.50 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. 0.000 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

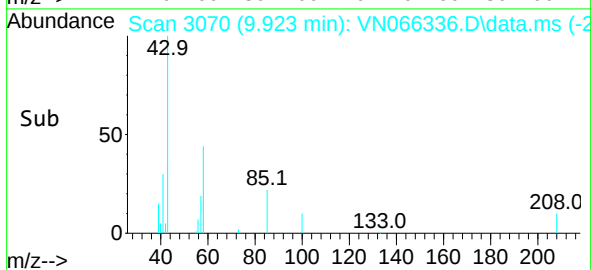
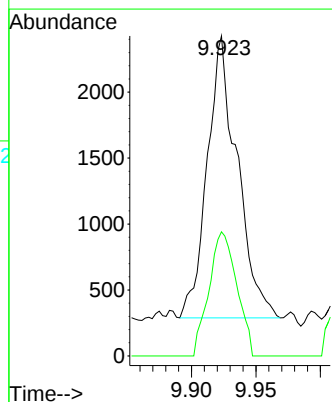
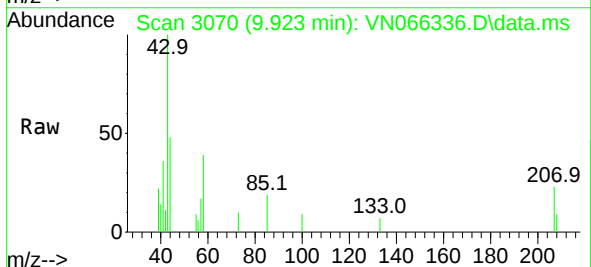
Instrument :
MSVOA_N
ClientSampled :

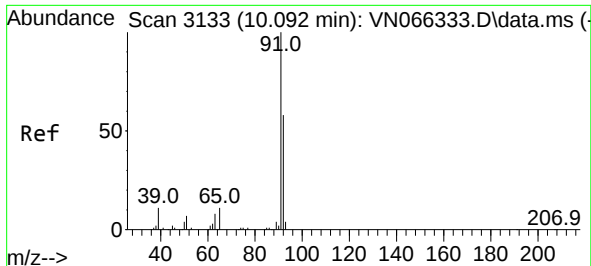
Tgt Ion: 98 Resp: 293992
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.37 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 43 Resp: 3474
Ion Ratio Lower Upper
43 100
58 40.4 30.8 46.2

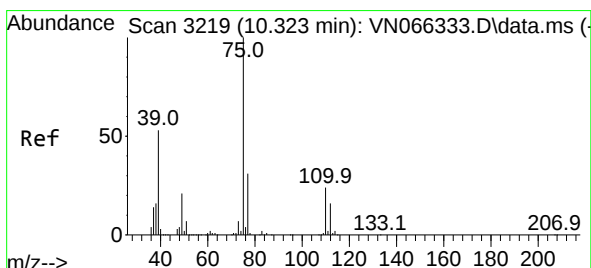
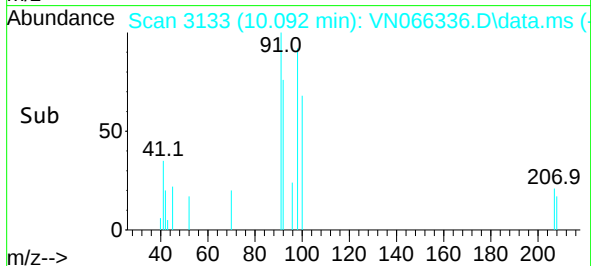
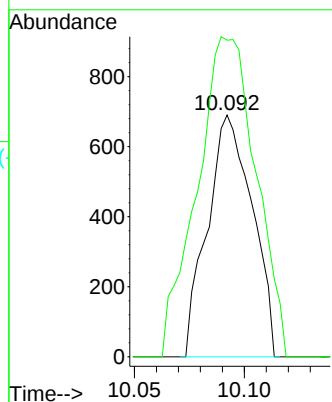
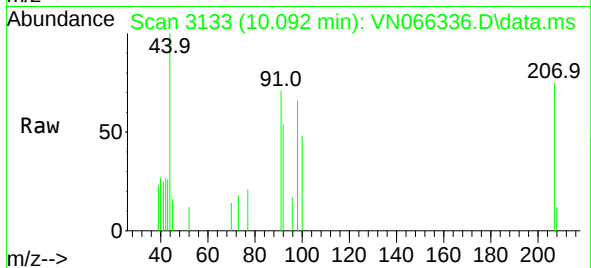




#52
Toluene
Concen: 0.23 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

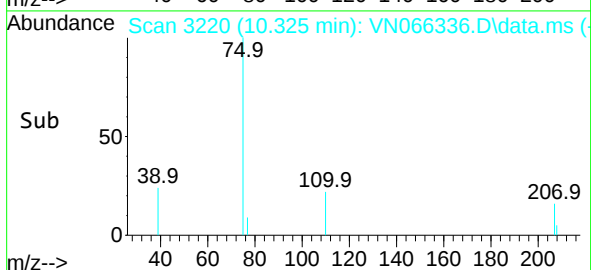
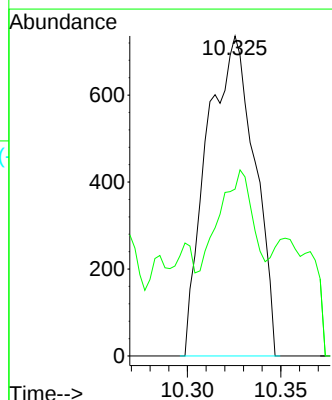
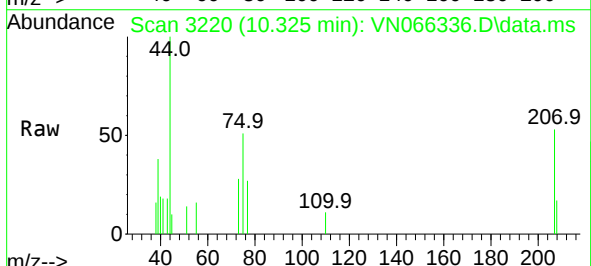
Instrument :
MSVOA_N
ClientSampled :

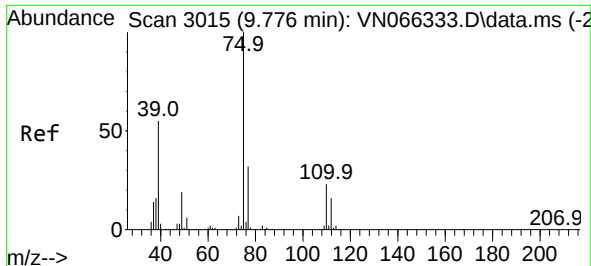
Tgt Ion: 92 Resp: 978
Ion Ratio Lower Upper
92 100
91 174.1 138.8 208.2



#53
t-1,3-Dichloropropene
Concen: 0.48 ug/l
RT: 10.325 min Scan# 3220
Delta R.T. 0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

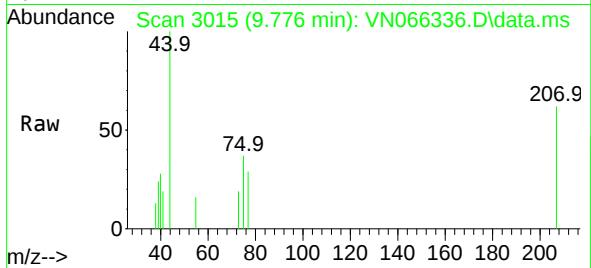
Tgt Ion: 75 Resp: 1305
Ion Ratio Lower Upper
75 100
77 20.9 25.0 37.6#



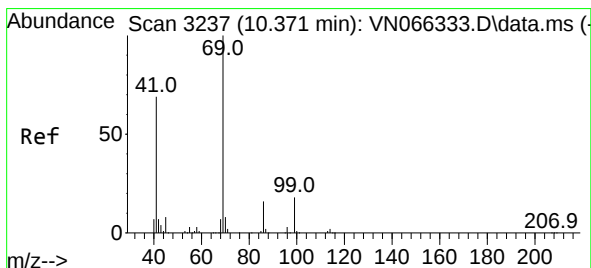
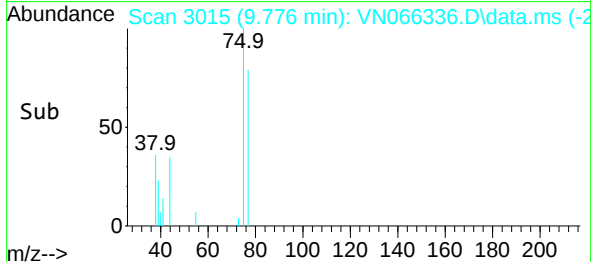
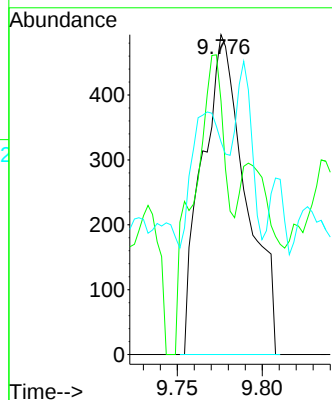


#54
 cis-1,3-Dichloropropene
 Concen: 0.30 ug/l
 RT: 9.776 min Scan# 3015
 Delta R.T. -0.000 min
 Lab File: VN066336.D
 Acq: 25 Mar 2021 17:43

Instrument :
 MSVOA_N
 ClientSampled :

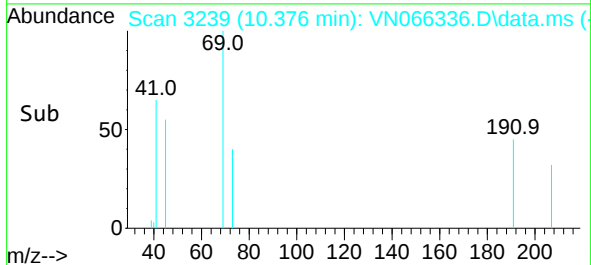
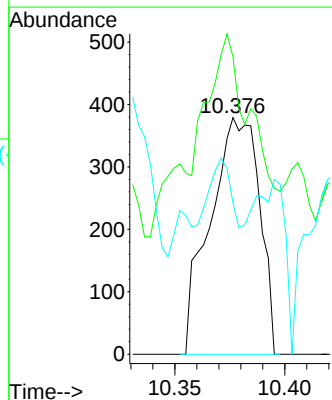
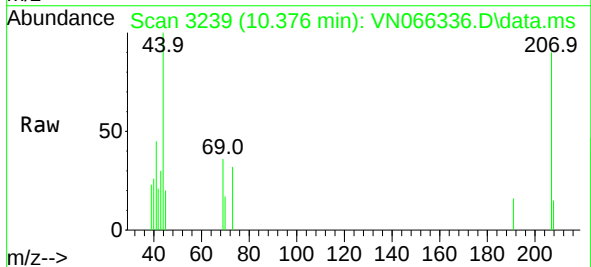


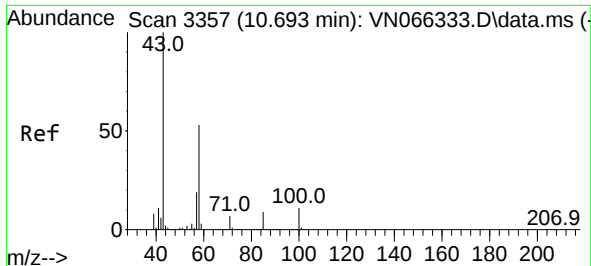
Tgt Ion: 75 Resp: 881
 Ion Ratio Lower Upper
 75 100
 77 44.8 25.4 38.2#
 39 33.3 44.2 66.4#



#56
 Ethyl methacrylate
 Concen: 0.22 ug/l
 RT: 10.376 min Scan# 3239
 Delta R.T. 0.005 min
 Lab File: VN066336.D
 Acq: 25 Mar 2021 17:43

Tgt Ion: 69 Resp: 590
 Ion Ratio Lower Upper
 69 100
 41 98.1 55.3 82.9#
 39 13.9 33.8 50.6#

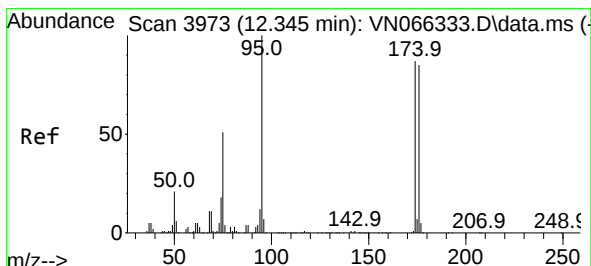
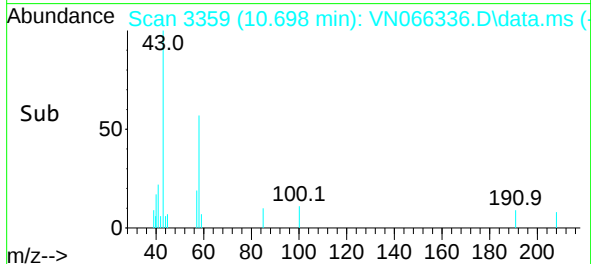
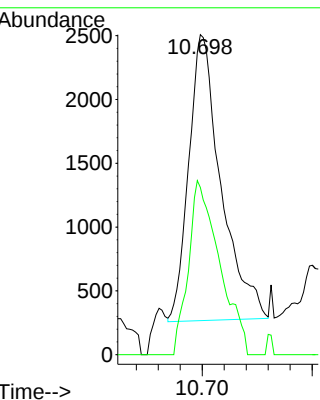
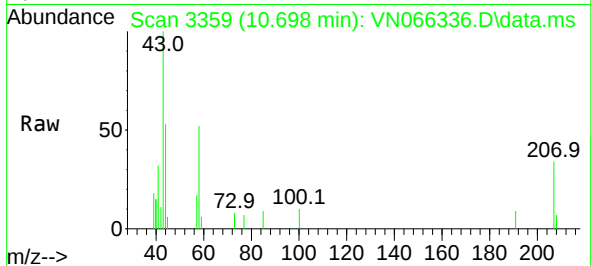




#59
2-Hexanone
Concen: 2.56 ug/l
RT: 10.698 min Scan# 3359
Delta R.T. 0.005 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

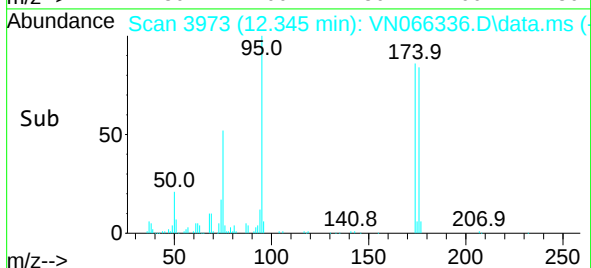
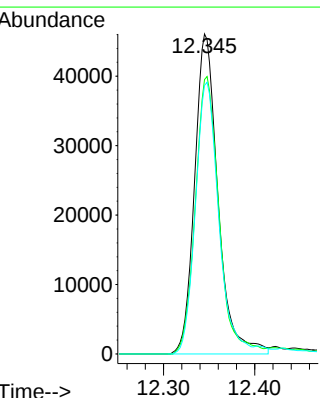
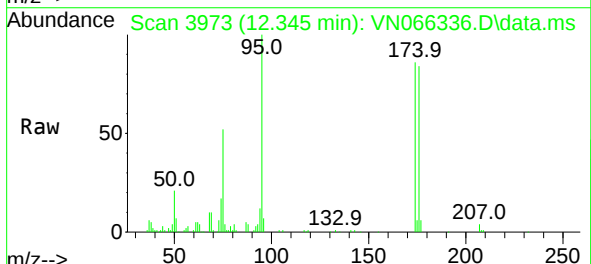
Instrument :
MSVOA_N
ClientSampled :

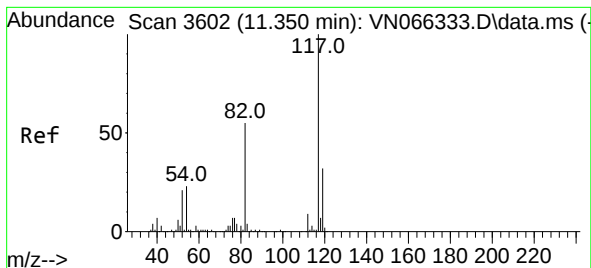
Tgt Ion: 43 Resp: 4567
Ion Ratio Lower Upper
43 100
58 58.5 26.6 79.8



#62
4-Bromofluorobenzene
Concen: 38.11 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 95 Resp: 81919
Ion Ratio Lower Upper
95 100
174 88.1 0.0 172.2
176 84.4 0.0 167.8

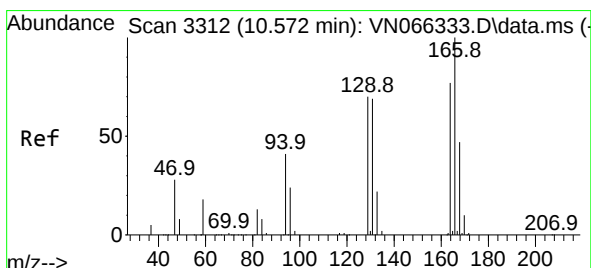
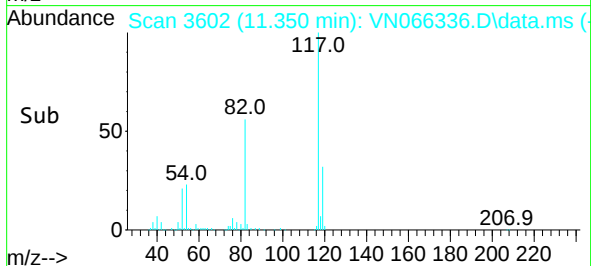
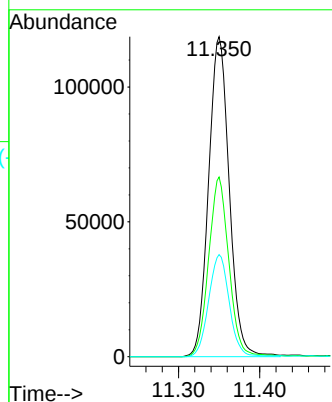
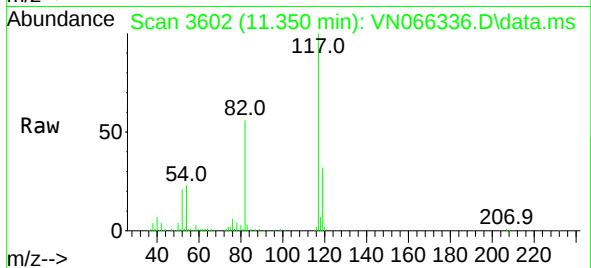




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

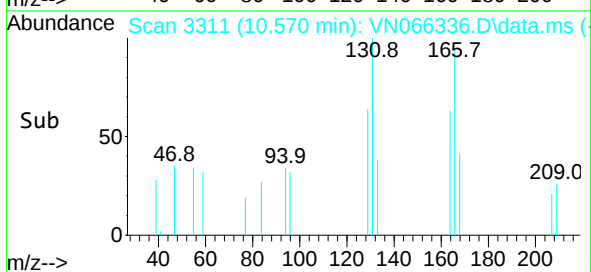
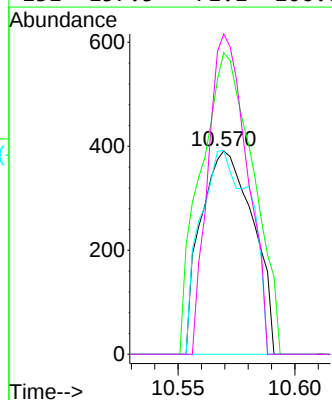
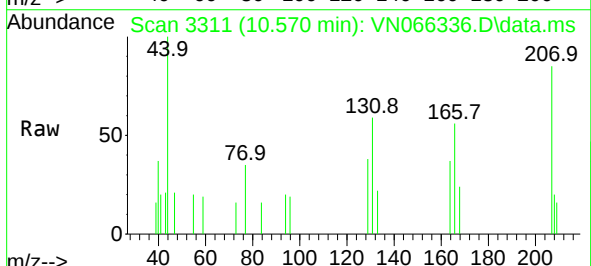
Instrument :
MSVOA_N
ClientSampled :

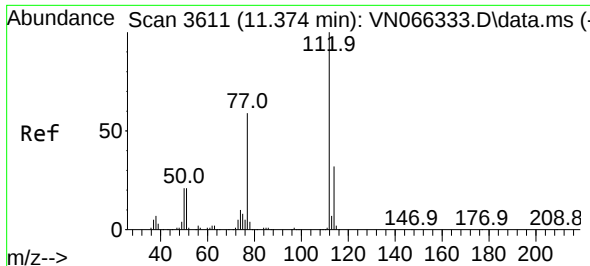
Tgt Ion:117 Resp: 209251
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 0.34 ug/l
RT: 10.570 min Scan# 3311
Delta R.T. -0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion:164 Resp: 605
Ion Ratio Lower Upper
164 100
166 148.3 103.3 154.9
129 100.3 72.5 108.7
131 157.5 71.1 106.7#

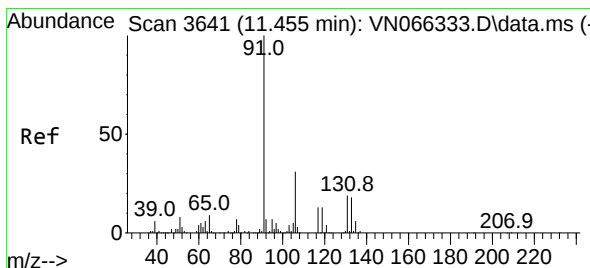
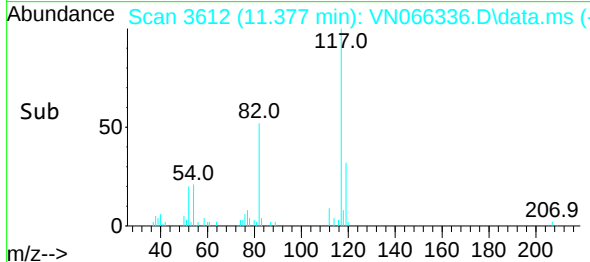
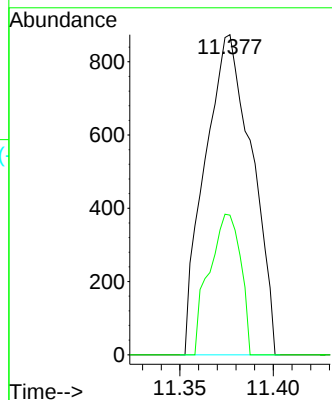
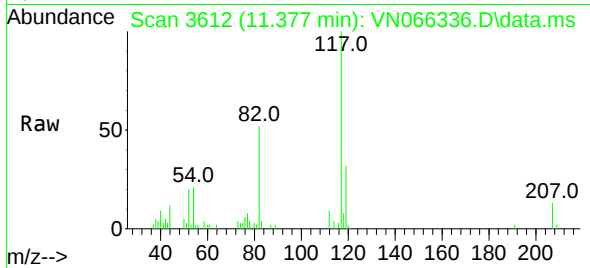




#65
Chlorobenzene
Concen: 0.37 ug/l
RT: 11.377 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

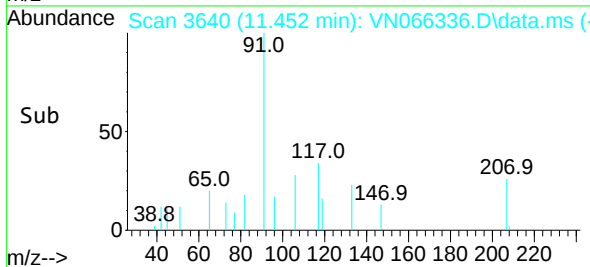
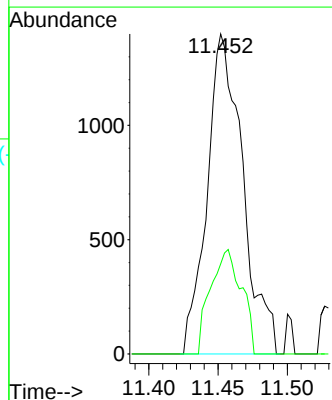
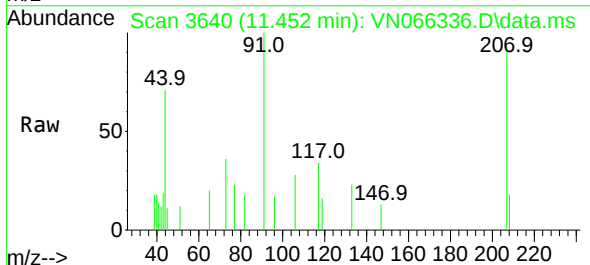
Instrument :
MSVOA_N
ClientSampled :

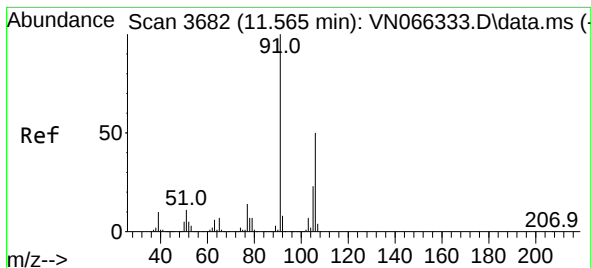
Tgt Ion:112 Resp: 1523
Ion Ratio Lower Upper
112 100
114 43.6 25.7 38.5#



#67
Ethyl Benzene
Concen: 0.33 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 91 Resp: 2505
Ion Ratio Lower Upper
91 100
106 28.1 24.7 37.1

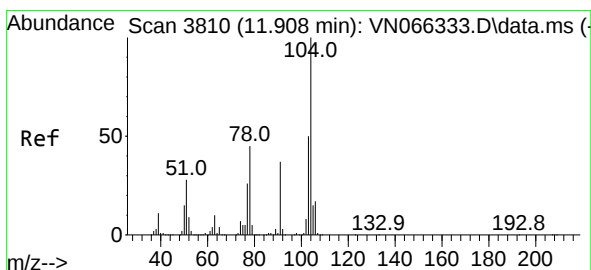
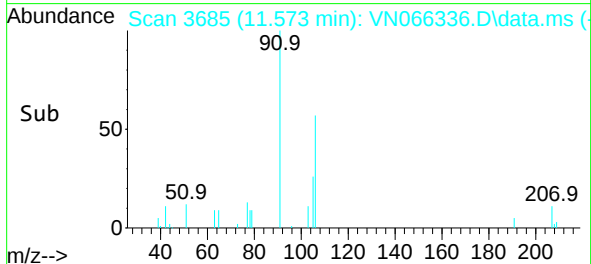
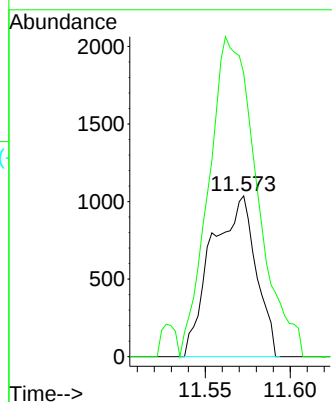
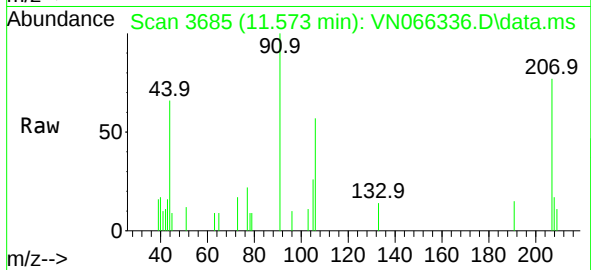




#68
m/p-Xylenes
Concen: 0.65 ug/l
RT: 11.573 min Scan# 3685
Delta R.T. 0.008 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

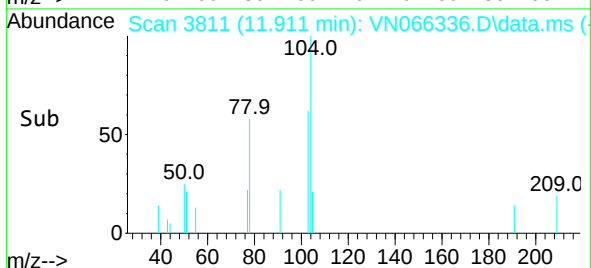
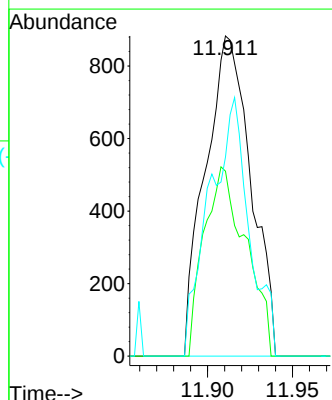
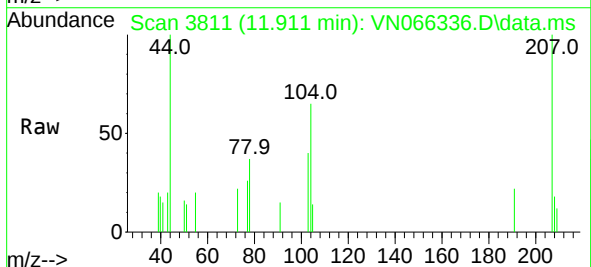
Instrument :
MSVOA_N
ClientSampled :

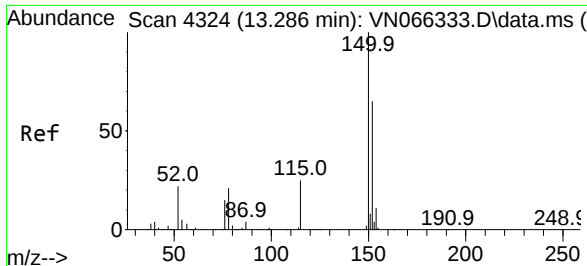
Tgt Ion:106 Resp: 1873
Ion Ratio Lower Upper
106 100
91 217.4 162.7 244.1



#70
Styrene
Concen: 0.37 ug/l
RT: 11.911 min Scan# 3811
Delta R.T. 0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion:104 Resp: 1644
Ion Ratio Lower Upper
104 100
78 54.3 40.7 61.1
103 70.7 44.2 66.2#

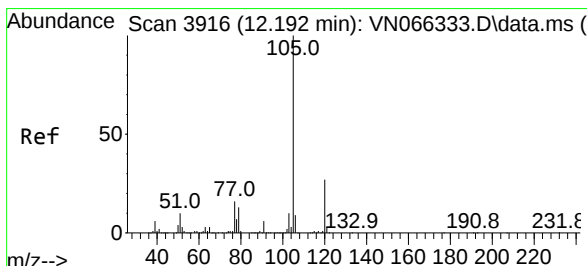
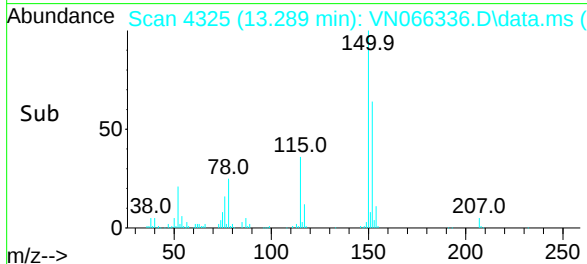
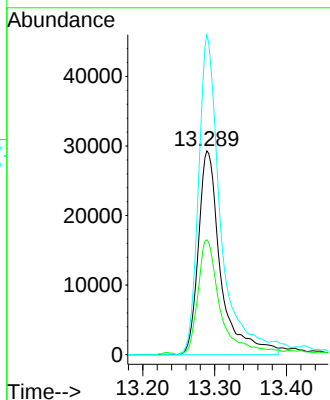
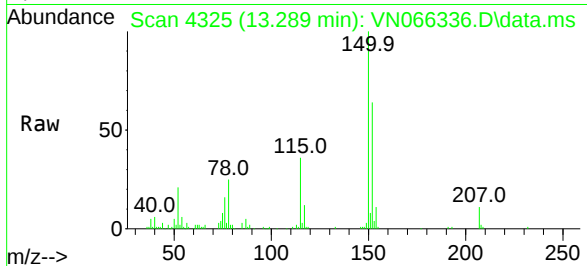




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

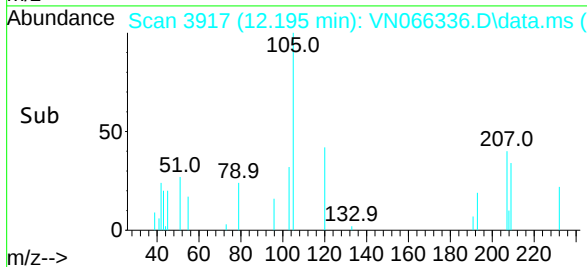
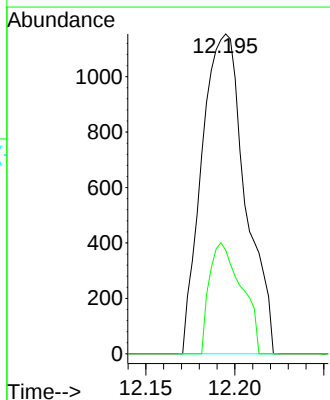
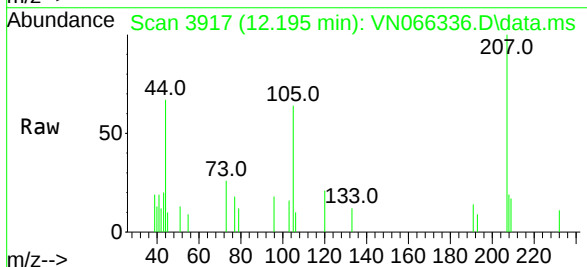
Instrument :
MSVOA_N
ClientSampled :

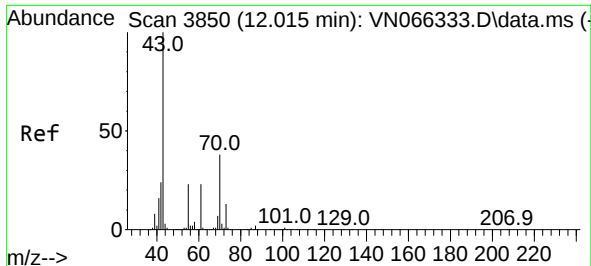
Tgt Ion:152 Resp: 63536
Ion Ratio Lower Upper
152 100
115 56.0 27.8 83.4
150 152.8 0.0 348.4



#73
Isopropylbenzene
Concen: 0.41 ug/l
RT: 12.195 min Scan# 3917
Delta R.T. 0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion:105 Resp: 1960
Ion Ratio Lower Upper
105 100
120 25.6 13.3 39.8

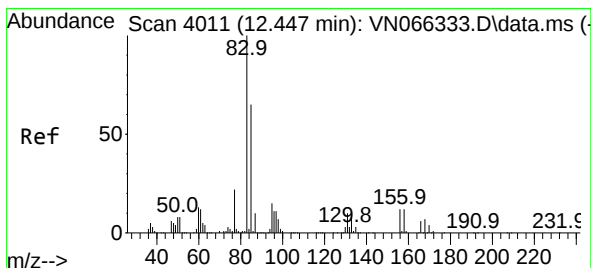
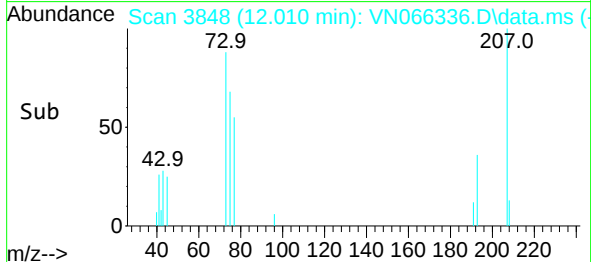
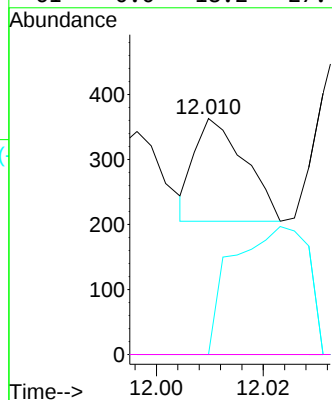
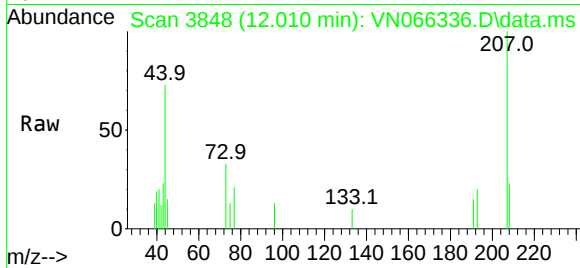




#74
N-amy1 acetate
Concen: 2.46 ug/l
RT: 12.010 min Scan# 3848
Delta R.T. -0.005 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

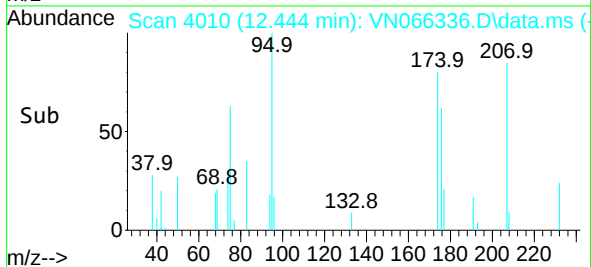
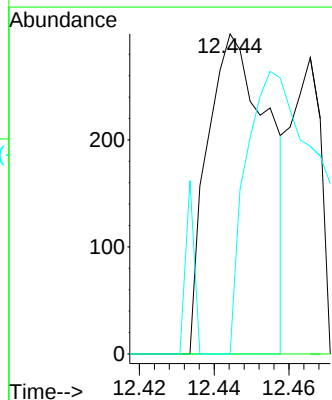
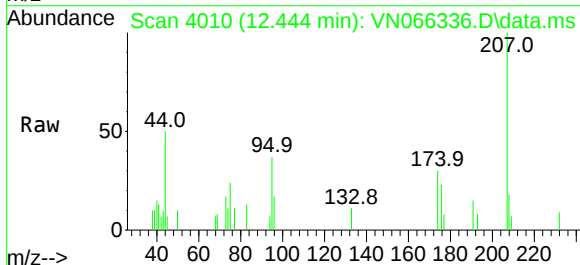
Instrument :
MSVOA_N
ClientSampled :

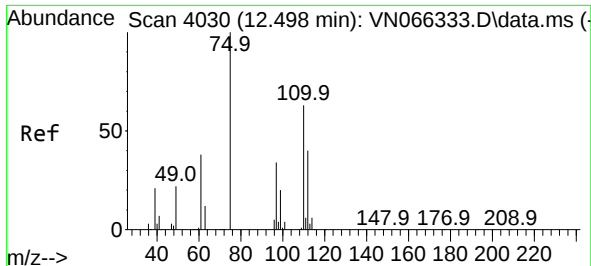
Tgt Ion: 43	Resp: 103
Ion Ratio	Lower Upper
43 100	
70 0.0	31.2 46.8#
55 186.4	18.6 28.0#
61 0.0	18.2 27.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.23 ug/l
RT: 12.444 min Scan# 4010
Delta R.T. -0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 83	Resp: 339
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 15.0#
85 7.7	33.8 101.3#

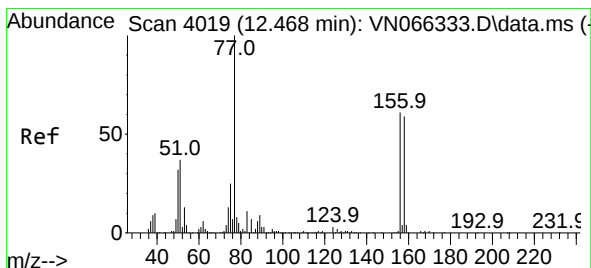
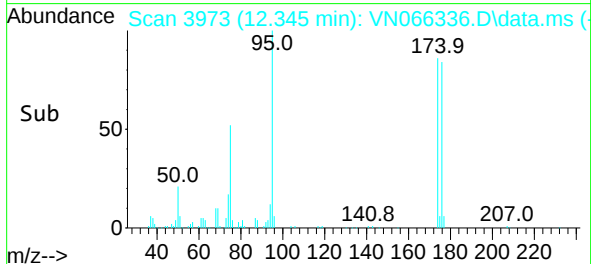
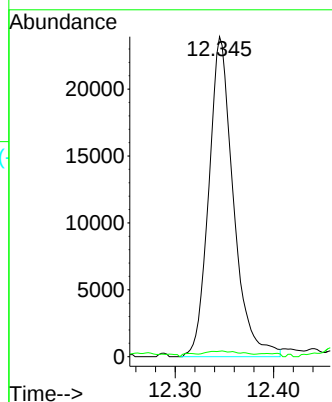
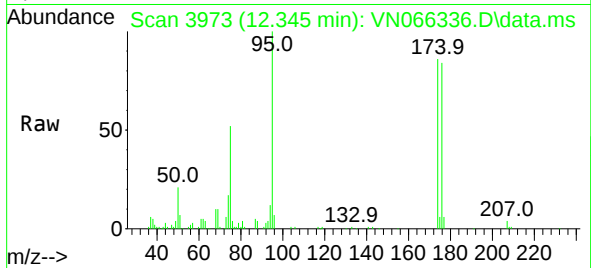




#76
1,2,3-Trichloropropane
Concen: 29.79 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

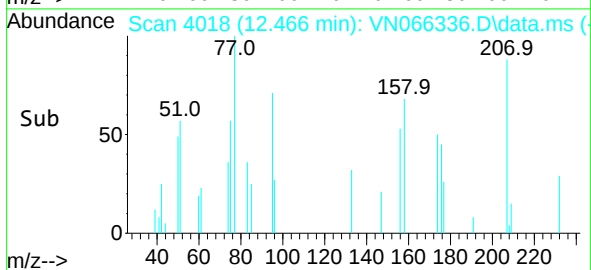
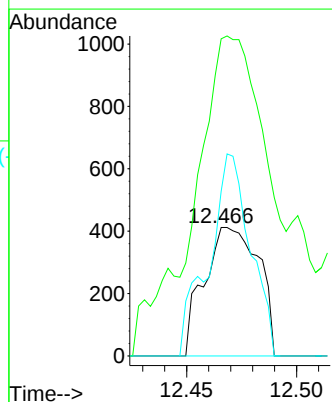
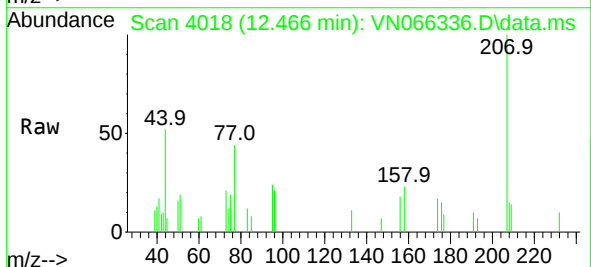
Instrument :
MSVOA_N
ClientSampled :

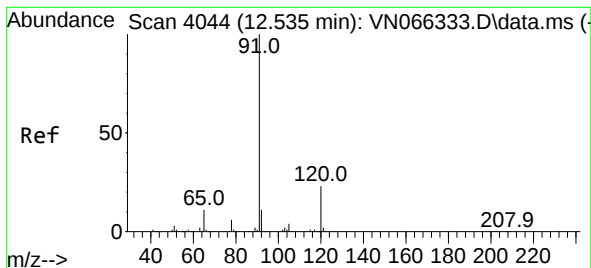
Tgt Ion: 75 Resp: 41536
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#77
Bromobenzene
Concen: 0.59 ug/l
RT: 12.466 min Scan# 4018
Delta R.T. -0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion:156 Resp: 709
Ion Ratio Lower Upper
156 100
77 334.4 99.7 299.1#
158 120.3 48.8 146.3

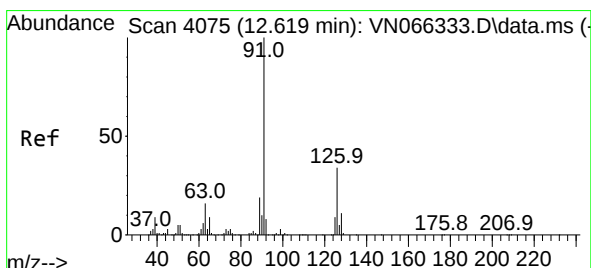
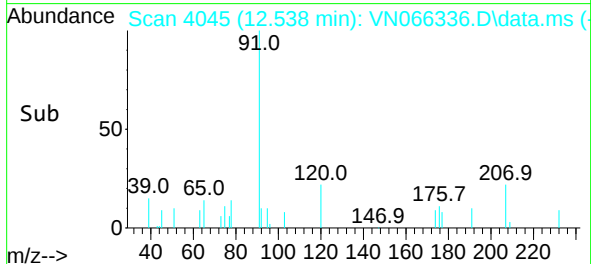
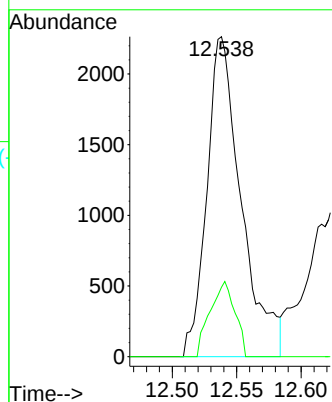
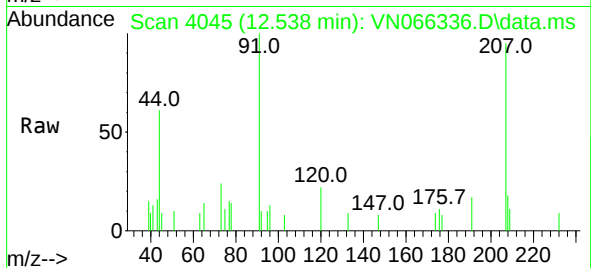




#78
n-propylbenzene
Concen: 0.82 ug/l
RT: 12.538 min Scan# 4045
Delta R.T. 0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

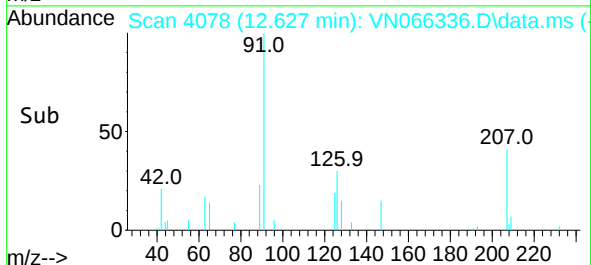
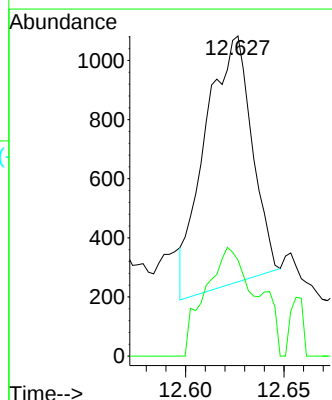
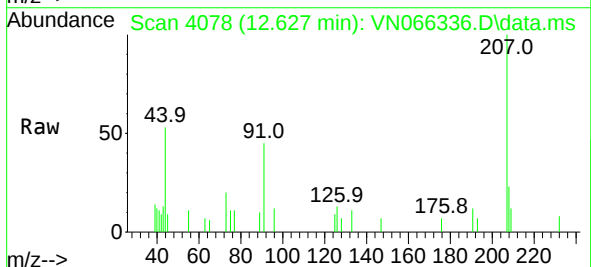
Instrument :
MSVOA_N
ClientSampled :

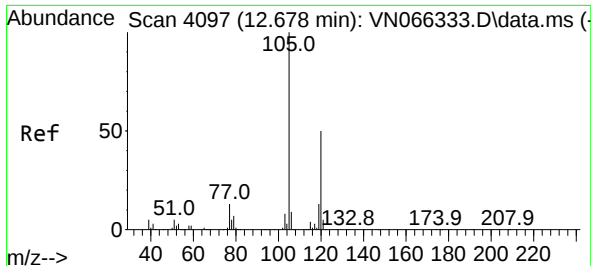
Tgt Ion: 91 Resp: 4200
Ion Ratio Lower Upper
91 100
120 17.0 11.7 35.1



#79
2-Chlorotoluene
Concen: 0.44 ug/l
RT: 12.627 min Scan# 4078
Delta R.T. 0.008 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 91 Resp: 1391
Ion Ratio Lower Upper
91 100
126 41.0 17.2 51.5

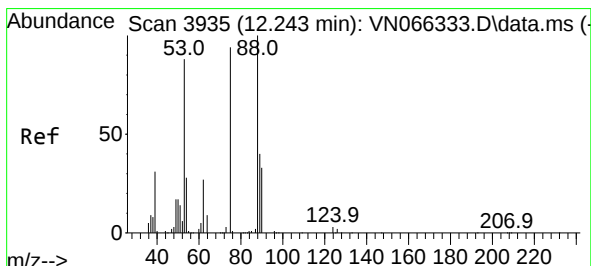
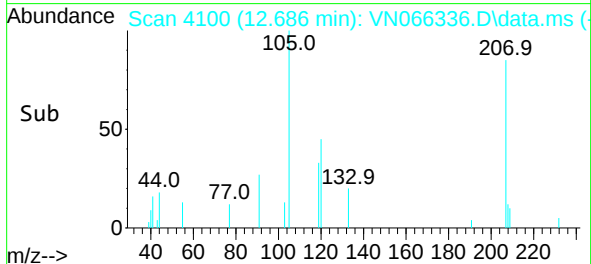
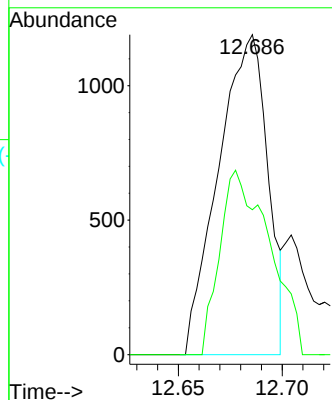
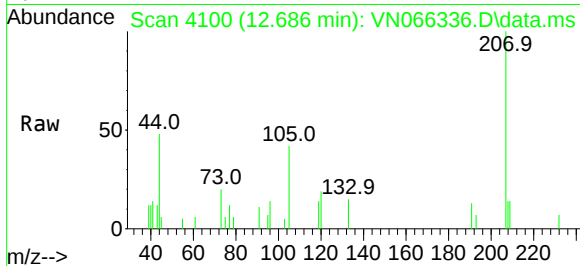




#80
1,3,5-Trimethylbenzene
Concen: 0.51 ug/l
RT: 12.686 min Scan# 4100
Delta R.T. 0.008 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

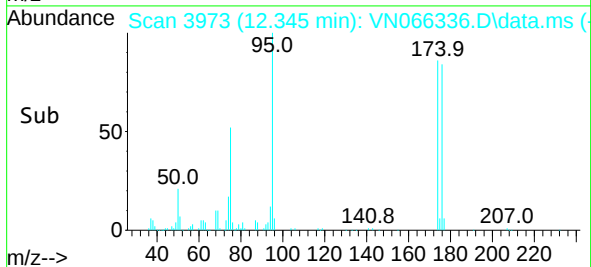
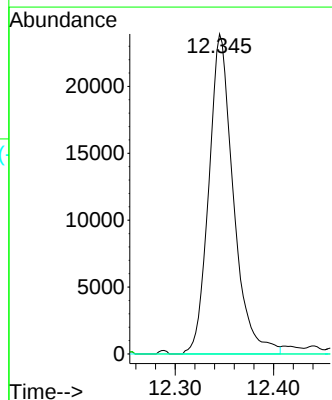
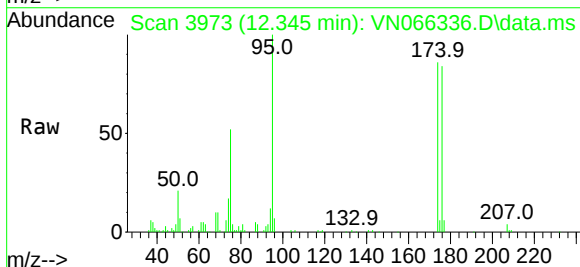
Instrument :
MSVOA_N
ClientSampled :

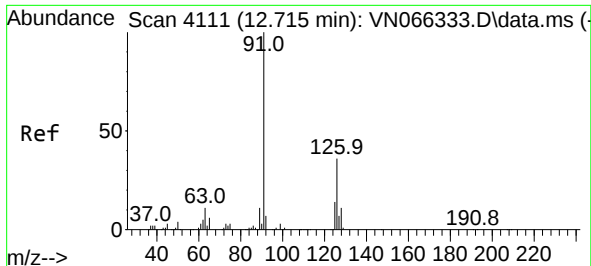
Tgt Ion:105 Resp: 1968
Ion Ratio Lower Upper
105 100
120 58.1 24.5 73.5



#81
trans-1,4-Dichloro-2-butene
Concen: 89.60 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 75 Resp: 41536
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 35.7 53.5#

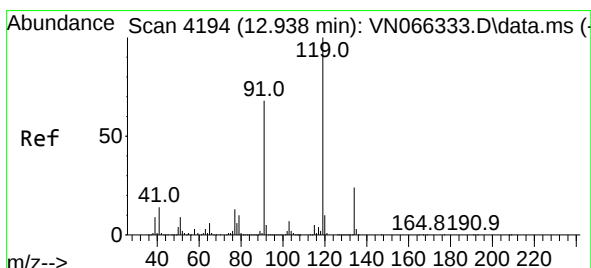
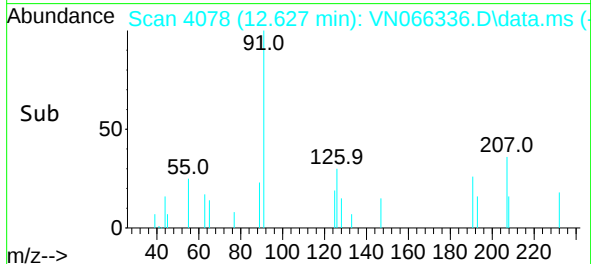
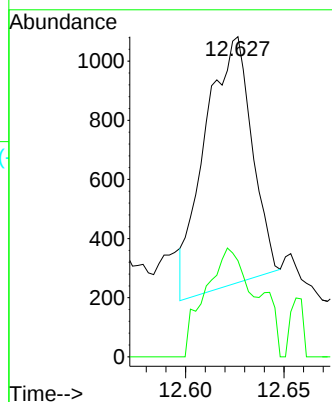
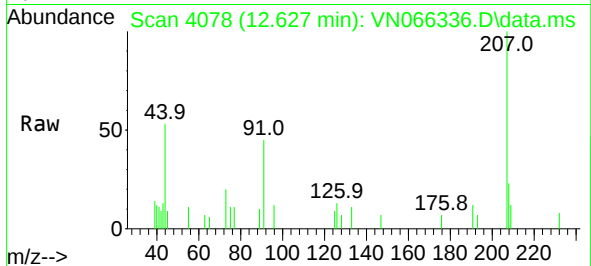




#82
4-Chlorotoluene
Concen: 0.44 ug/l
RT: 12.627 min Scan# 4078
Delta R.T. -0.089 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

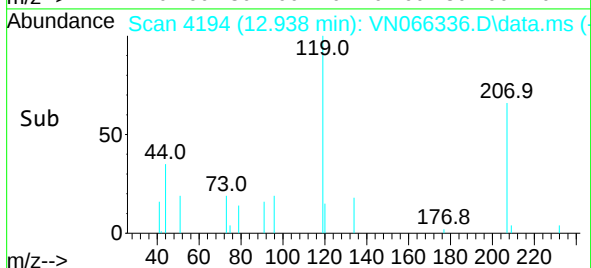
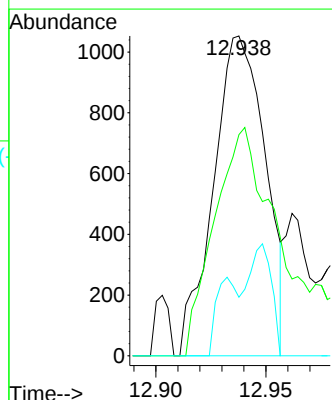
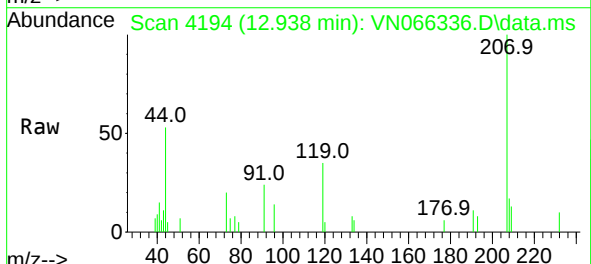
Instrument :
MSVOA_N
ClientSampled :

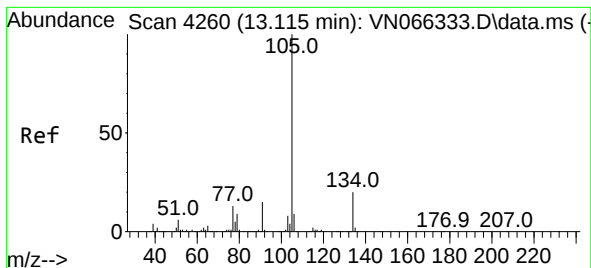
Tgt Ion: 91 Resp: 1391
Ion Ratio Lower Upper
91 100
126 41.0 16.6 49.8



#83
tert-Butylbenzene
Concen: 0.52 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 119 Resp: 1725
Ion Ratio Lower Upper
119 100
91 91.2 33.3 99.8
134 10.2 12.9 38.6#

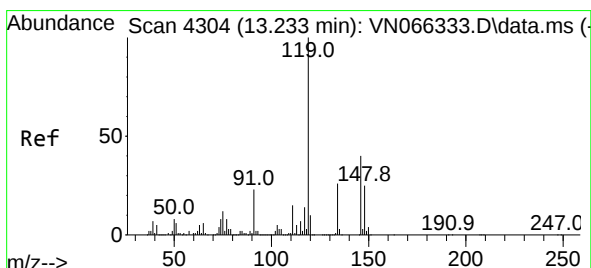
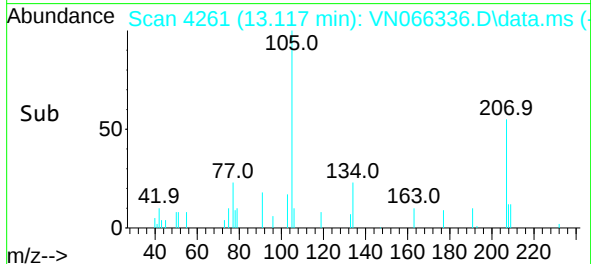
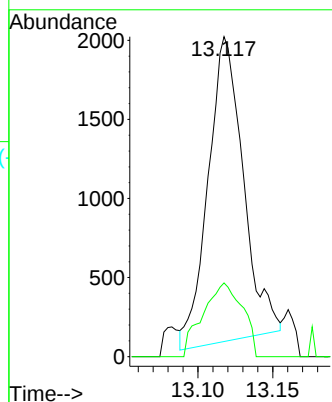
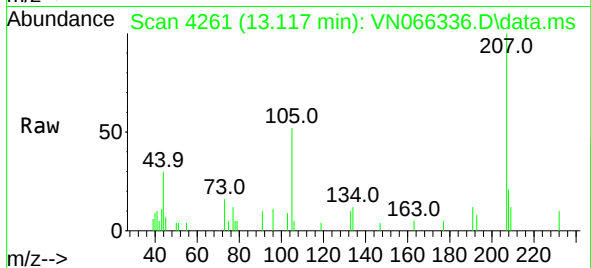




#85
 sec-Butylbenzene
 Concen: 0.73 ug/l
 RT: 13.117 min Scan# 4261
 Delta R.T. 0.003 min
 Lab File: VN066336.D
 Acq: 25 Mar 2021 17:43

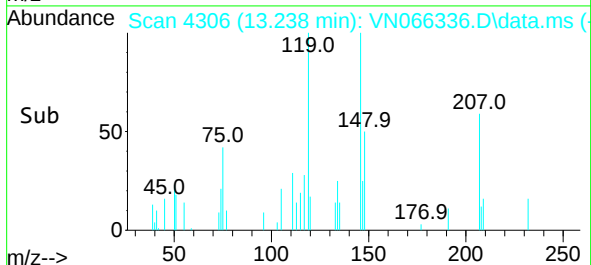
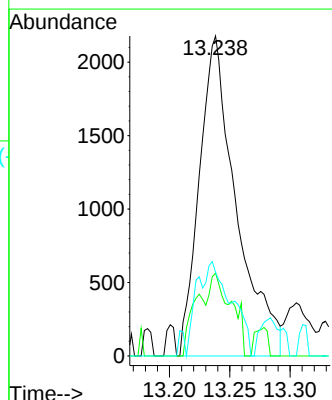
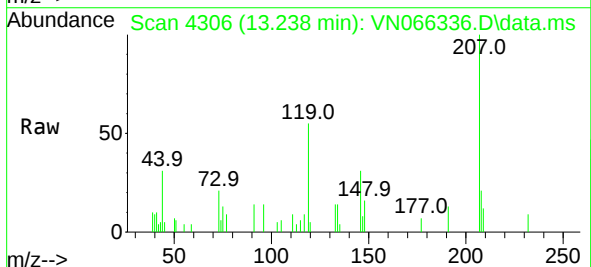
Instrument :
 MSVOA_N
 ClientSampled :

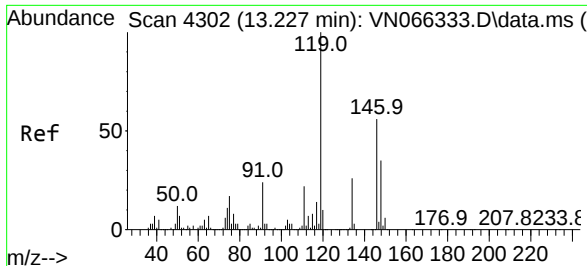
Tgt Ion:105 Resp: 3153
 Ion Ratio Lower Upper
 105 100
 134 27.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 1.20 ug/l
 RT: 13.238 min Scan# 4306
 Delta R.T. 0.005 min
 Lab File: VN066336.D
 Acq: 25 Mar 2021 17:43

Tgt Ion:119 Resp: 4641
 Ion Ratio Lower Upper
 119 100
 134 15.4 12.9 38.7
 91 18.8 11.5 34.5

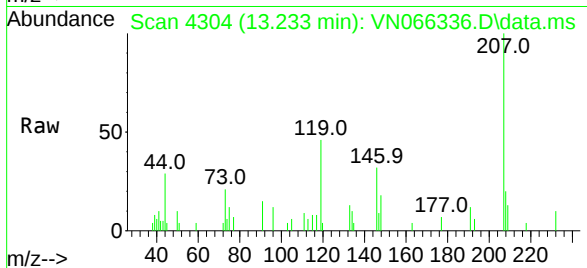




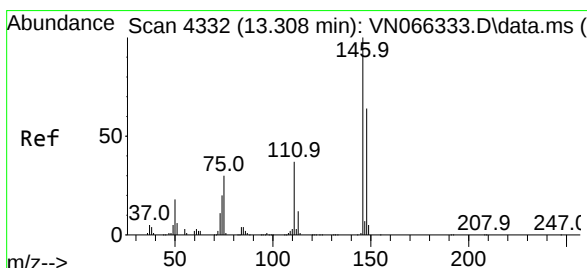
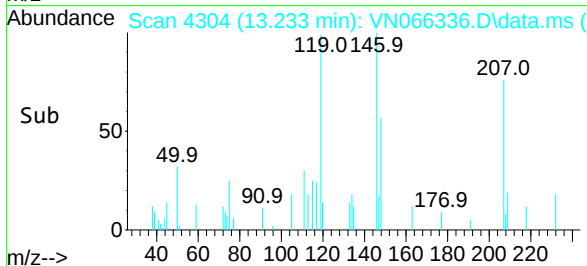
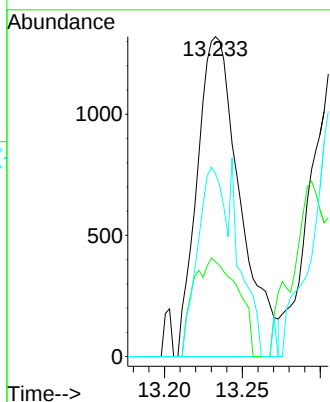
#87

1,3-Dichlorobenzene
Concen: 1.26 ug/l
RT: 13.233 min Scan# 4304
Delta R.T. 0.005 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Instrument :
MSVOA_N
ClientSampled :

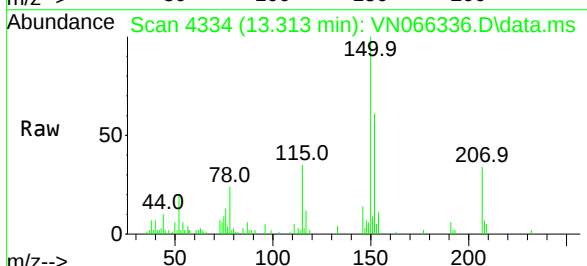


Tgt Ion:	146	Resp:	2531
Ion Ratio	Lower	Upper	
146	100		
111	31.5	19.4	58.1
148	54.2	31.8	95.4

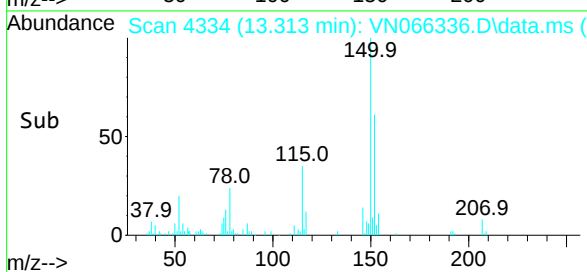
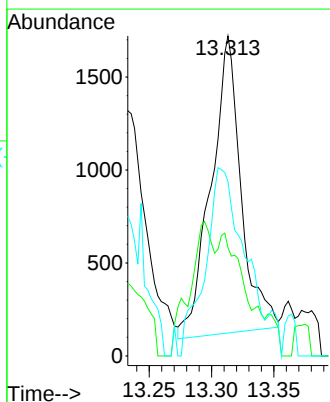


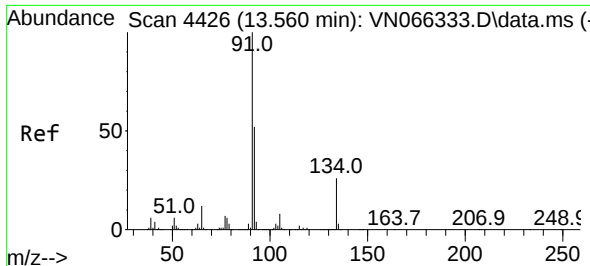
#88

1,4-Dichlorobenzene
Concen: 1.29 ug/l
RT: 13.313 min Scan# 4334
Delta R.T. 0.005 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43



Tgt Ion:	146	Resp:	2682
Ion Ratio	Lower	Upper	
146	100		
111	35.8	18.3	54.9
148	81.7	31.9	95.9

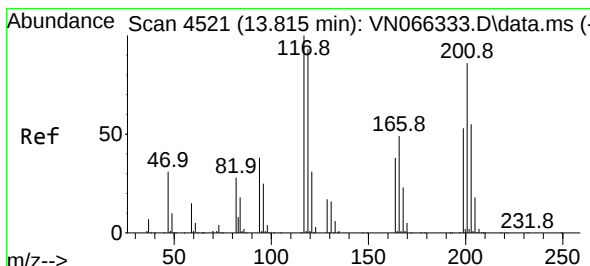
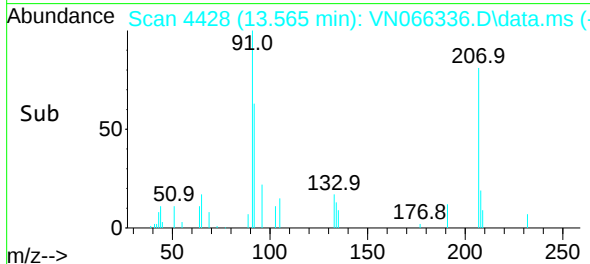
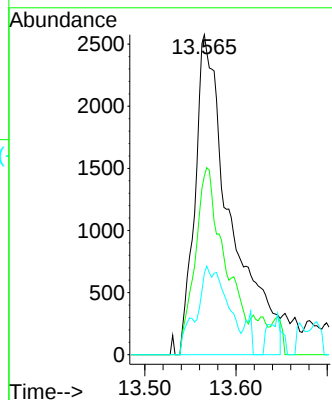
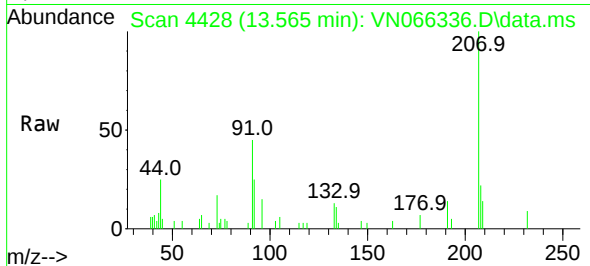




#89
n-Butylbenzene
Concen: 2.18 ug/l
RT: 13.565 min Scan# 4428
Delta R.T. 0.005 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

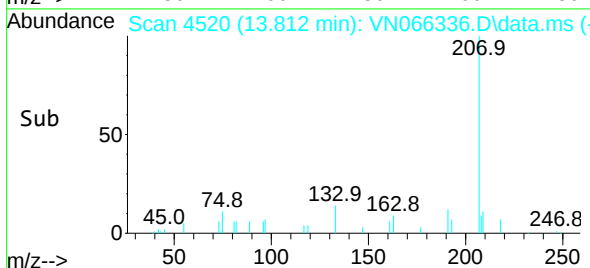
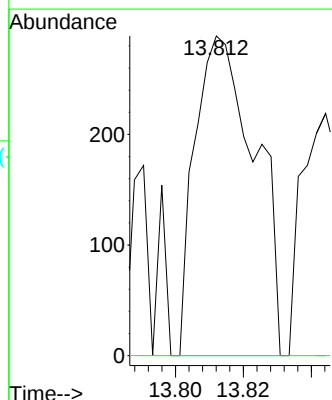
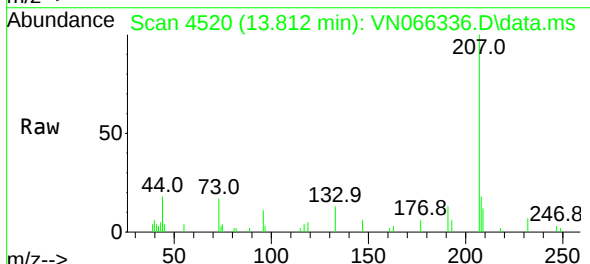
Instrument :
MSVOA_N
ClientSampled :

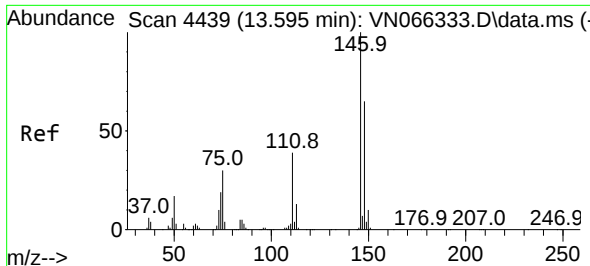
Tgt Ion: 91 Resp: 6962
Ion Ratio Lower Upper
91 100
92 49.4 26.1 78.3
134 4.6 12.8 38.4#



#90
Hexachloroethane
Concen: 0.51 ug/l
RT: 13.812 min Scan# 4520
Delta R.T. -0.003 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 117 Resp: 354
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#

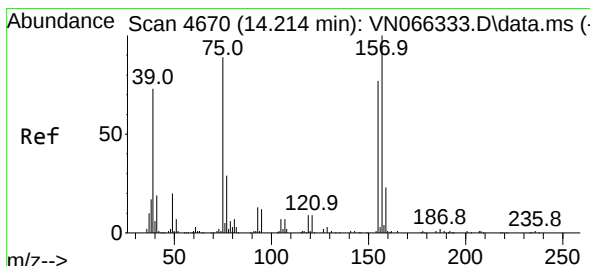
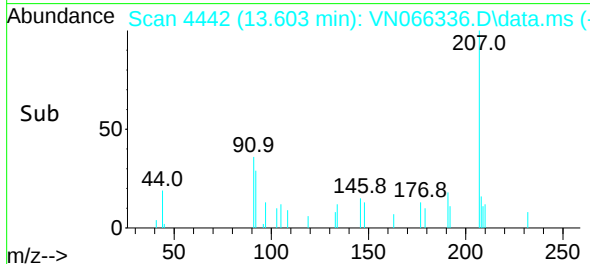
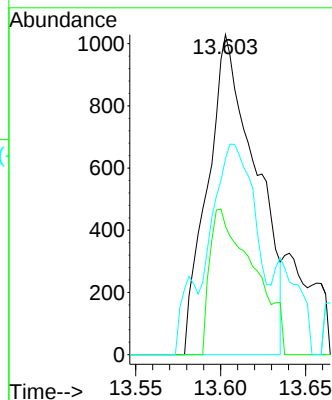
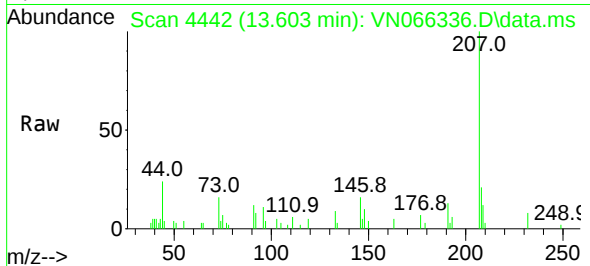




#91
1,2-Dichlorobenzene
Concen: 1.03 ug/l
RT: 13.603 min Scan# 4442
Delta R.T. 0.008 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

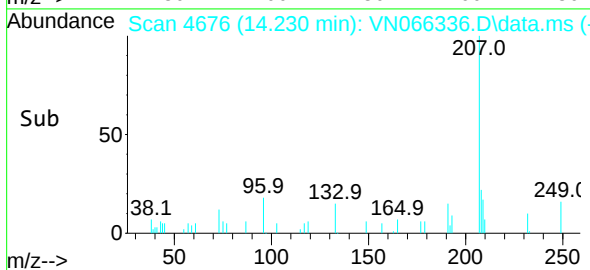
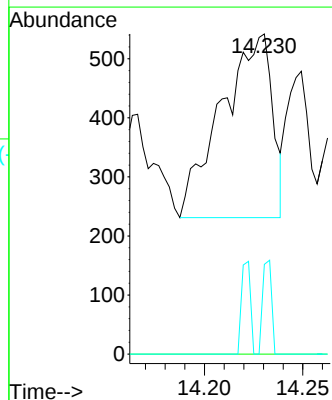
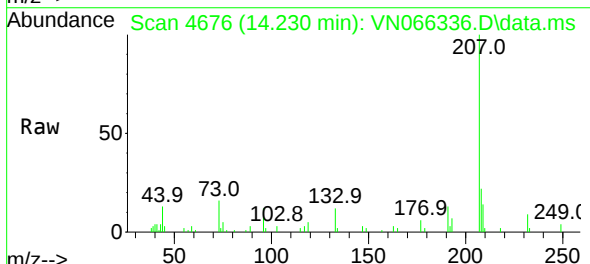
Instrument :
MSVOA_N
ClientSampleId :

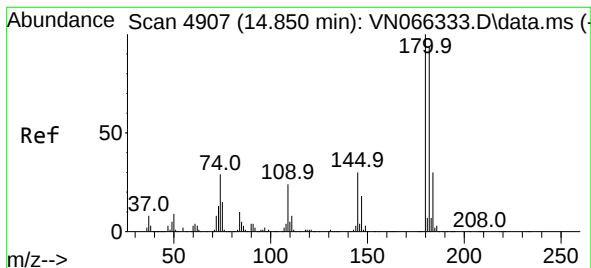
Tgt Ion:146 Resp: 2036
Ion Ratio Lower Upper
146 100
111 40.9 19.7 59.1
148 59.7 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.94 ug/l
RT: 14.230 min Scan# 4676
Delta R.T. 0.016 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion: 75 Resp: 559
Ion Ratio Lower Upper
75 100
155 0.0 43.8 131.3#
157 8.9 57.6 172.8#





#93

1,2,4-Trichlorobenzene

Concen: 4.43 ug/l

RT: 14.861 min Scan# 4911

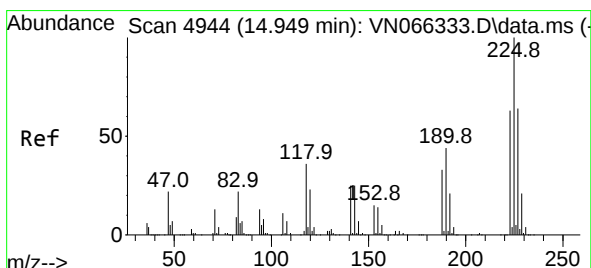
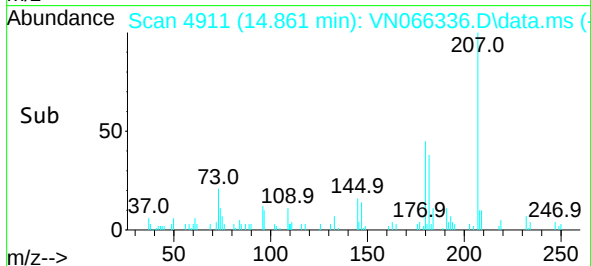
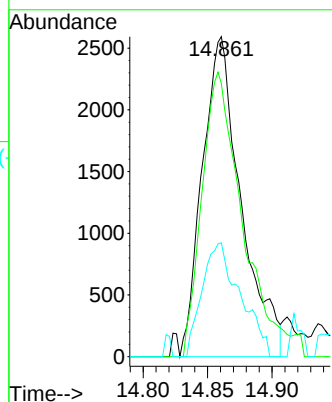
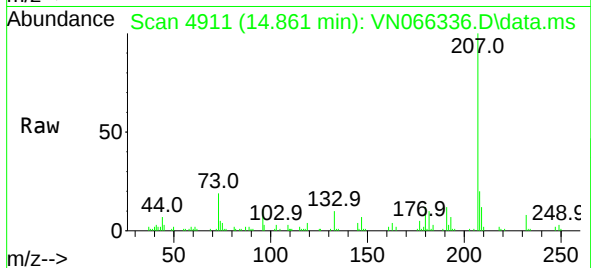
Delta R.T. 0.011 min

Lab File: VN066336.D

Acq: 25 Mar 2021 17:43

Tgt Ion:180	Resp:	5414
Ion Ratio	Lower	Upper
180	100	
182	92.1	47.4 142.3
145	35.1	14.2 42.8

Instrument :
MSVOA_N
ClientSampled :



#94

Hexachlorobutadiene

Concen: 2.73 ug/l

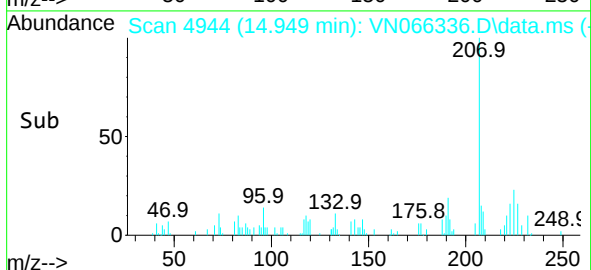
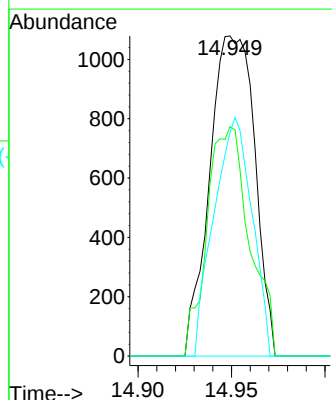
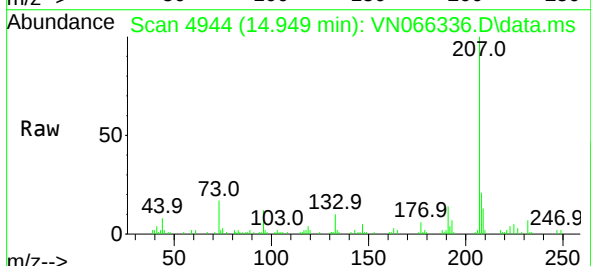
RT: 14.949 min Scan# 4944

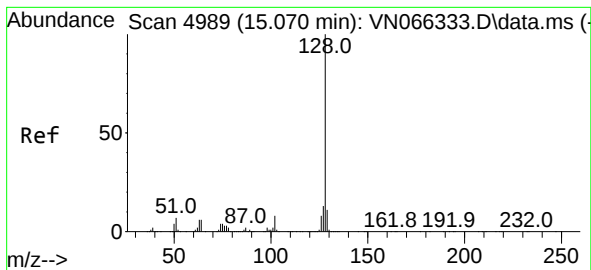
Delta R.T. -0.000 min

Lab File: VN066336.D

Acq: 25 Mar 2021 17:43

Tgt Ion:225	Resp:	1818
Ion Ratio	Lower	Upper
225	100	
223	67.4	31.1 93.5
227	62.4	32.1 96.3

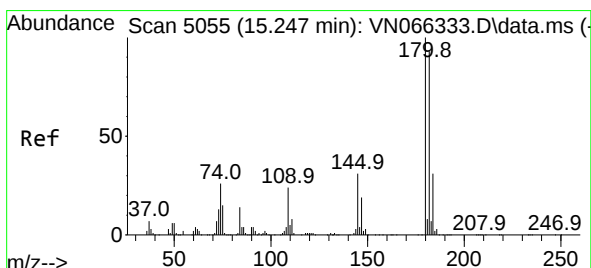
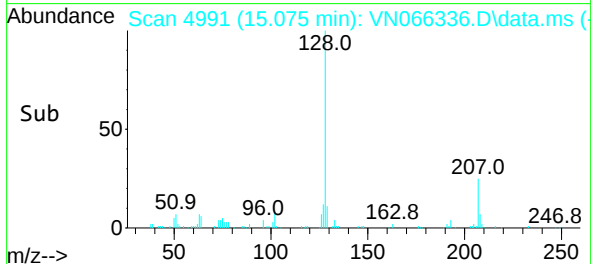
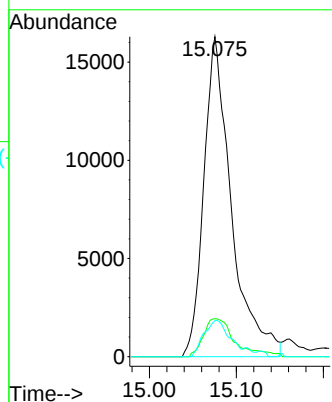
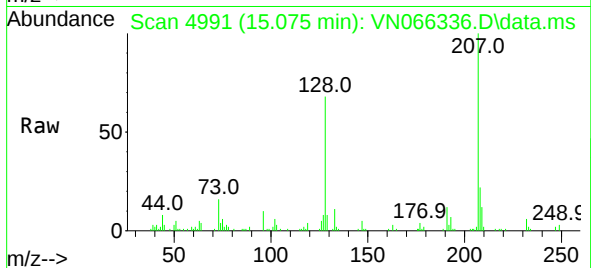




#95
Naphthalene
Concen: 10.91 ug/l
RT: 15.075 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 35914
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 5.81 ug/l
RT: 15.252 min Scan# 5057
Delta R.T. 0.005 min
Lab File: VN066336.D
Acq: 25 Mar 2021 17:43

Tgt Ion:180 Resp: 7125
Ion Ratio Lower Upper
180 100
182 84.7 47.6 142.9
145 16.5 15.4 46.1

