

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032421\
 Data File : VN066317.D
 Acq On : 24 Mar 2021 19:23
 Operator : JC/MD
 Sample : VN0324WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Quant Time: Mar 25 06:01:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.104	128	77744	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.515	114	426719	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.350	117	370067	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.949	65	180184	30.15	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.50%
60) 4-Bromofluorobenzene	12.345	95	176718	30.60	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.00%
63) Toluene-d8	10.028	98	520710	29.98	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.93%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	81625	18.77	ug/l	97
3) Chloromethane	2.014	50	106620	19.50	ug/l	99
4) Vinyl Chloride	2.145	62	109993	19.14	ug/l	100
5) Bromomethane	2.510	94	79550	19.57	ug/l	94
6) Chloroethane	2.647	64	71045	19.31	ug/l	97
7) Trichlorofluoromethane	2.958	101	164681	19.87	ug/l	99
8) Diethyl Ether	3.341	74	55278	19.75	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.685	101	80785	19.92	ug/l	99
10) 1,1-Dichloroethene	3.661	96	80953	20.16	ug/l	90
11) Methyl Iodide	3.873	142	115224	19.95	ug/l	99
12) Methyl Acetate	4.232	43	129036	20.71	ug/l	99
13) Acrolein	3.532	56	35490	92.96	ug/l	100
14) Acrylonitrile	4.878	53	259169	100.82	ug/l	99
15) Acetone	3.736	58	67011	89.53	ug/l	94
16) Carbon Disulfide	3.972	76	210124	18.90	ug/l	99
17) Allyl chloride	4.232	41	147730	20.37	ug/l	95
18) Methylene Chloride	4.457	84	93429	19.48	ug/l	98
19) trans-1,2-Dichloroethene	4.940	96	86504	19.59	ug/l	99
20) Diisopropyl ether	5.849	45	316290	19.87	ug/l	94
21) 1,1-Dichloroethane	5.745	63	168841	19.59	ug/l	99
22) cis-1,2-Dichloroethene	6.731	96	102846	19.46	ug/l	99
23) tert-Butyl Alcohol	4.685	59	109752	104.00	ug/l #	100
24) Methyl tert-Butyl Ether	4.937	73	305719	19.96	ug/l	100
25) Chloroform	7.287	83	170973	19.64	ug/l	95
26) Cyclohexane	7.574	56	150847	19.74	ug/l #	98
29) 1,1-Dichloropropene	7.713	75	123810	19.40	ug/l	98
30) 2-Butanone	6.734	43	367459	98.25	ug/l	99
31) 2,2-Dichloropropane	6.729	77	145555	18.41	ug/l	99
32) 1,1,1-Trichloroethane	7.488	97	149450	19.32	ug/l	100
33) Carbon Tetrachloride	7.694	117	127229	19.48	ug/l	94
34) Benzene	7.965	78	379777	19.53	ug/l	99
35) Methacrylonitrile	7.120	41	221996	70.17	ug/l #	54
36) 1,2-Dichloroethane	8.048	62	137179	19.25	ug/l	99
37) Trichloroethene	8.767	130	99050	19.53	ug/l	99
38) Methylcyclohexane	9.014	83	150941	19.12	ug/l	100
39) 1,2-Dichloropropane	9.049	63	99810	18.96	ug/l	100
40) Dibromomethane	9.143	93	66445	19.63	ug/l	99
41) Bromodichloromethane	9.336	83	140296	19.59	ug/l	97
42) Vinyl Acetate	5.793	43	1386131	98.33	ug/l	99

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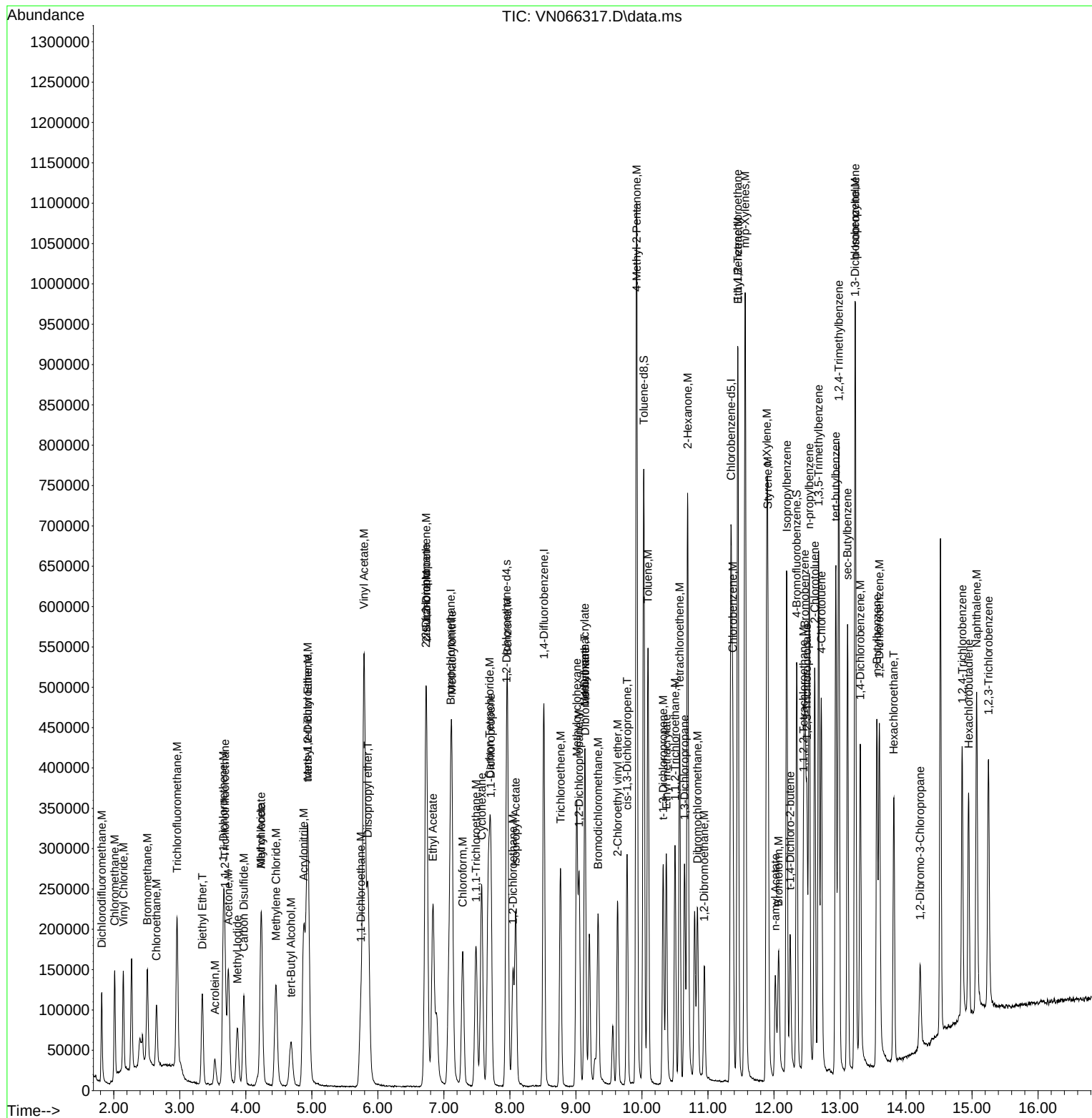
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.833	43	149892	20.81	ug/l #	100
44) Isopropyl Acetate	8.089	43	251922	19.59	ug/l #	100
45) 1,4-Dioxane	9.135	88	33849	412.52	ug/l	99
46) Methyl methacrylate	9.135	41	117221	19.51	ug/l	98
47) n-amyl Acetate	12.020	43	97097	16.95	ug/l	100
48) t-1,3-Dichloropropene	10.323	75	149822	19.25	ug/l	99
49) cis-1,3-Dichloropropene	9.776	75	159960	19.12	ug/l	99
50) 1,1,2-Trichloroethane	10.502	97	93386	19.28	ug/l	98
51) Ethyl methacrylate	10.371	69	144590	19.07	ug/l	99
52) 1,3-Dichloropropane	10.647	76	158154	19.58	ug/l	99
53) Dibromochloromethane	10.843	129	106150	19.50	ug/l	99
54) 1,2-Dibromoethane	10.945	107	98214	19.70	ug/l	100
55) 2-Chloroethyl vinyl ether	9.631	63	102012	90.50	ug/l	98
56) Bromoform	12.071	173	78772	19.73	ug/l #	99
58) 4-Methyl-2-Pentanone	9.920	43	758573	102.31	ug/l	99
59) 2-Hexanone	10.693	43	514965	100.93	ug/l	99
61) Tetrachloroethene	10.572	164	101830	19.98	ug/l	98
62) Toluene	10.092	91	404479	19.74	ug/l	99
64) Chlorobenzene	11.377	112	238107	19.78	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.452	131	93727	19.85	ug/l	98
66) Ethyl Benzene	11.454	91	434301	19.68	ug/l	99
67) m/p-Xylenes	11.564	106	328256	40.02	ug/l	98
68) o-Xylene	11.892	106	162461	20.07	ug/l	99
69) Styrene	11.908	104	258150	19.90	ug/l	100
70) Isopropylbenzene	12.195	105	427708	20.08	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.447	83	143028	20.97	ug/l	99
72) 1,2,3-Trichloropropane	12.498	75	174508	26.50	ug/l	74
73) Bromobenzene	12.468	156	104397	19.89	ug/l	97
74) n-propylbenzene	12.535	91	469246	19.93	ug/l	98
75) 2-Chlorotoluene	12.618	91	285126	20.00	ug/l	100
76) 1,3,5-Trimethylbenzene	12.677	105	357407	20.39	ug/l	99
77) t-1,4-Dichloro-2-butene	12.246	75	42429	19.86	ug/l	97
78) 4-Chlorotoluene	12.718	91	281805	20.15	ug/l	100
79) tert-butylbenzene	12.938	119	307485	20.18	ug/l	99
80) 1,2,4-Trimethylbenzene	12.983	105	344238	20.24	ug/l	99
81) sec-Butylbenzene	13.115	105	403152	20.72	ug/l	99
82) p-Isopropyltoluene	13.233	119	352403	20.57	ug/l	100
83) 1,3-Dichlorobenzene	13.227	146	178597	20.74	ug/l	100
84) 1,4-Dichlorobenzene	13.308	146	178971	21.36	ug/l	99
85) n-Butylbenzene	13.560	91	286247	20.48	ug/l	99
86) Hexachloroethane	13.815	117	64488	20.38	ug/l	98
87) 1,2-Dichlorobenzene	13.597	146	182969	21.48	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.214	75	30924	22.22	ug/l	98
89) 1,2,4-Trichlorobenzene	14.852	180	115525	21.26	ug/l	98
90) Hexachlorobutadiene	14.949	225	60927	20.69	ug/l	98
91) Naphthalene	15.070	128	368940	22.30	ug/l	100
92) 1,2,3-Trichlorobenzene	15.249	180	114765	21.56	ug/l	99

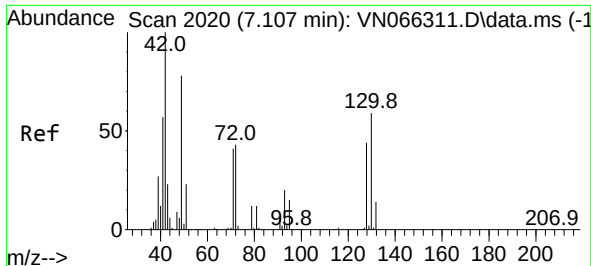
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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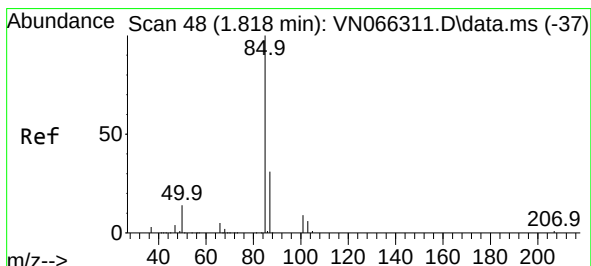
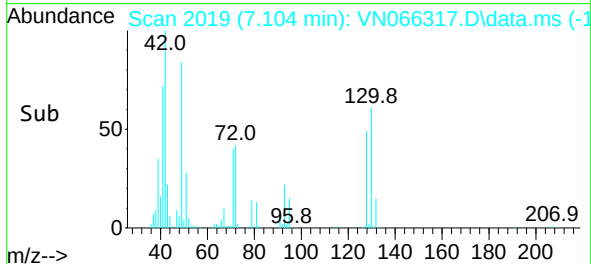
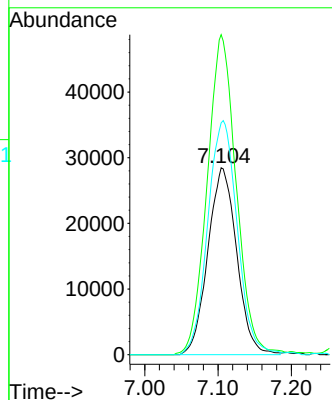
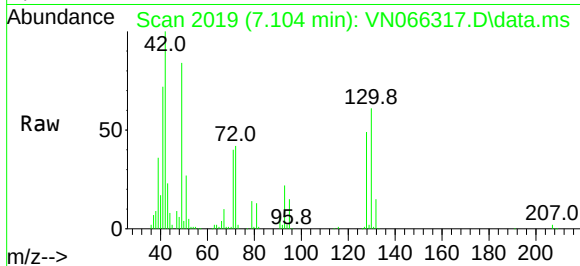




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.104 min Scan# 2019
Delta R.T. -0.003 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

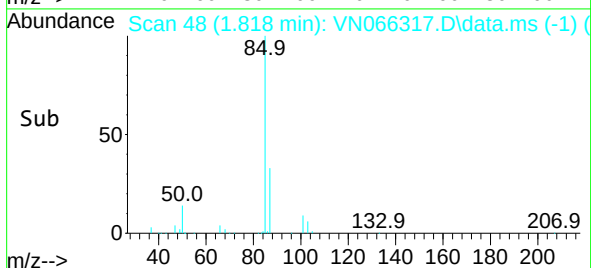
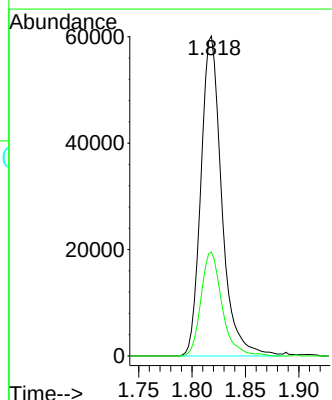
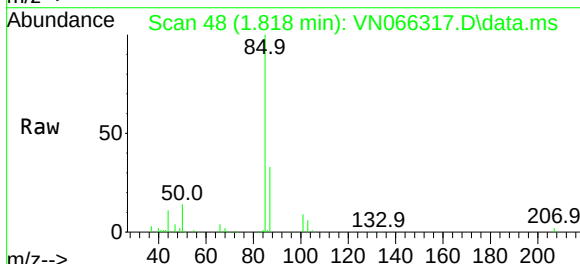
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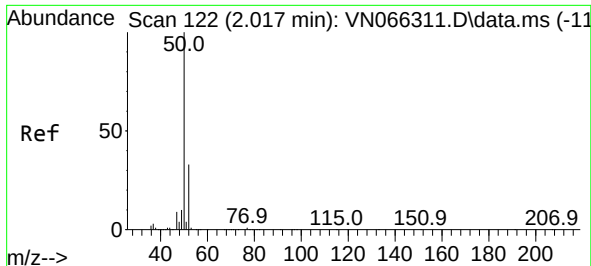
Tgt Ion:128 Resp: 77744
Ion Ratio Lower Upper
128 100
49 172.2 0.0 429.3
130 128.6 0.0 328.5



#2
Dichlorodifluoromethane
Concen: 18.77 ug/l
RT: 1.818 min Scan# 48
Delta R.T. 0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 85 Resp: 81625
Ion Ratio Lower Upper
85 100
87 32.5 15.4 46.4

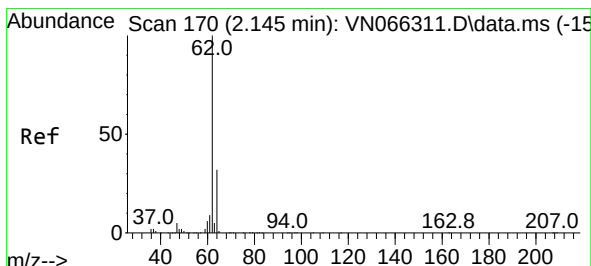
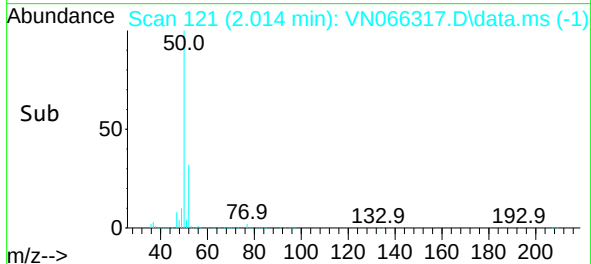
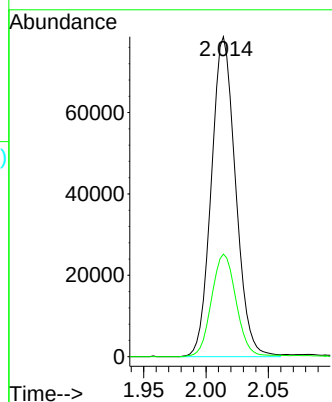
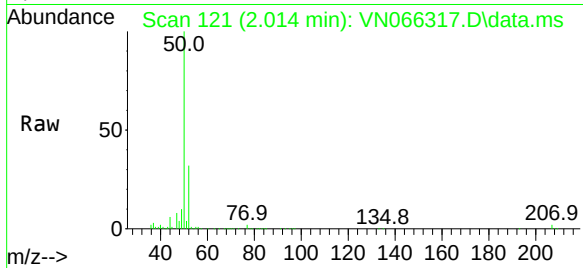




#3
Chloromethane
Concen: 19.50 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

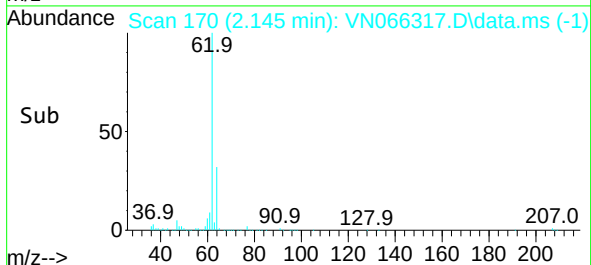
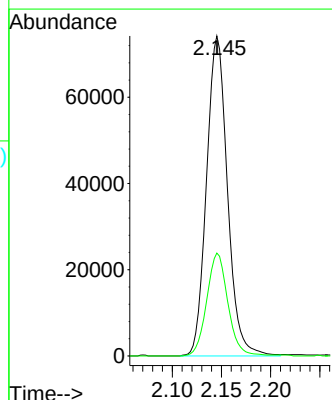
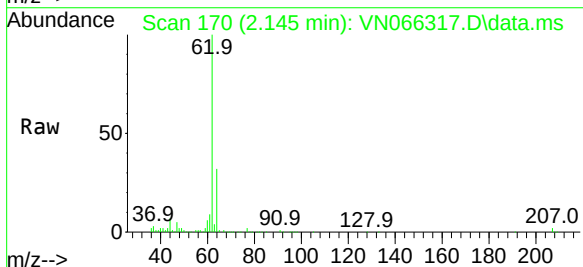
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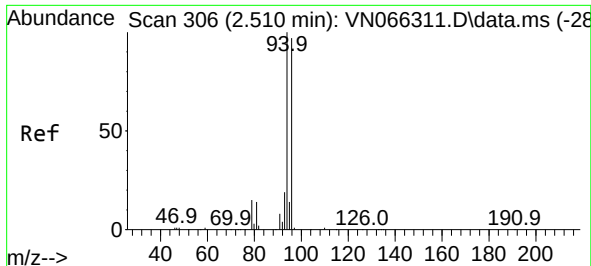
Tgt Ion: 50 Resp: 106620
Ion Ratio Lower Upper
50 100
52 32.1 26.2 39.4



#4
Vinyl Chloride
Concen: 19.14 ug/l
RT: 2.145 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 62 Resp: 109993
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6

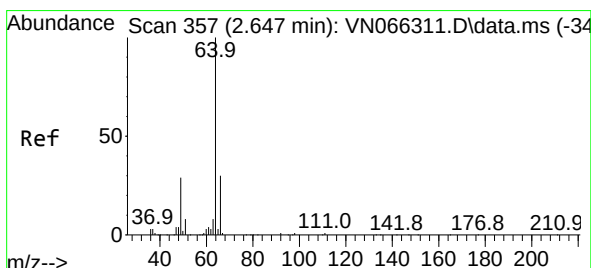
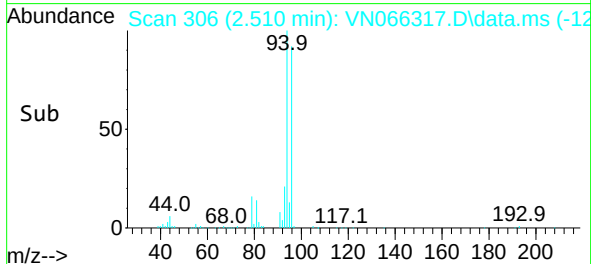
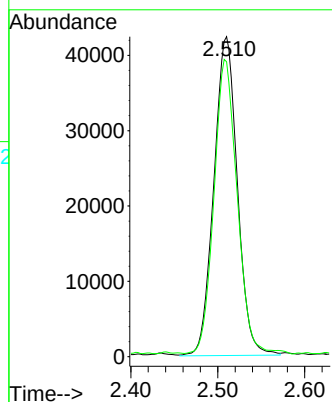
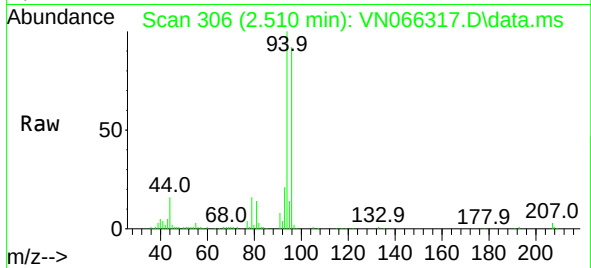




#5
Bromomethane
Concen: 19.57 ug/l
RT: 2.510 min Scan# 306
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

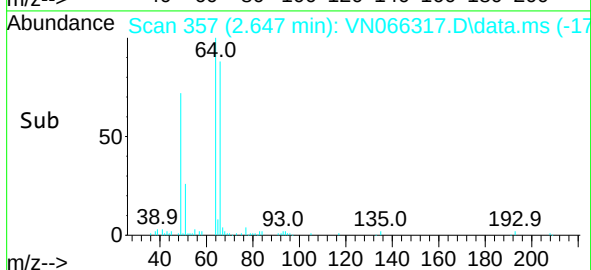
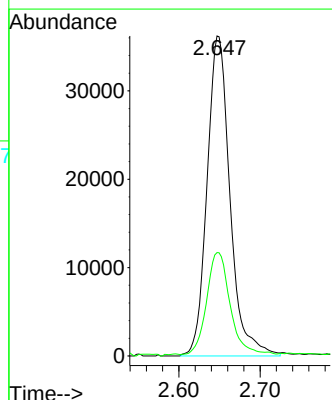
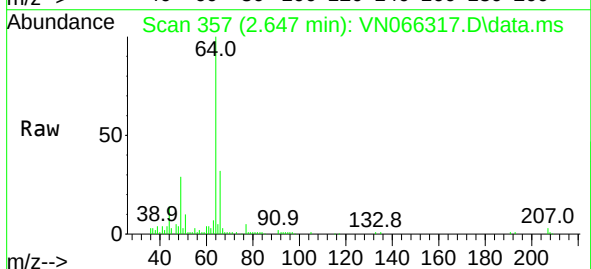
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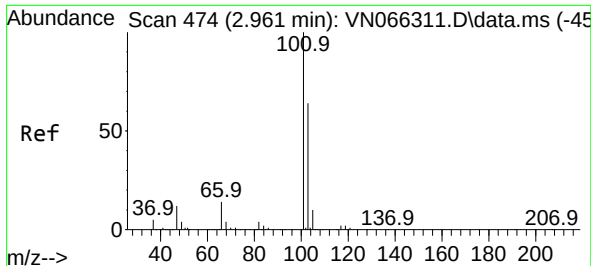
Tgt Ion: 94 Resp: 79550
Ion Ratio Lower Upper
94 100
96 91.4 77.8 116.8



#6
Chloroethane
Concen: 19.31 ug/l
RT: 2.647 min Scan# 357
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 64 Resp: 71045
Ion Ratio Lower Upper
64 100
66 31.9 24.2 36.4

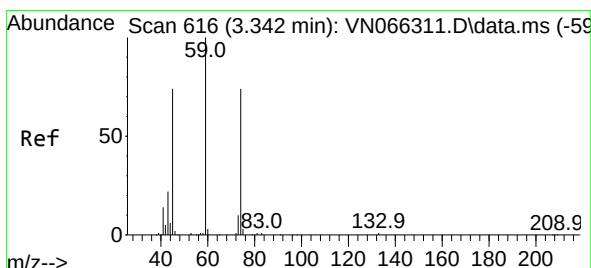
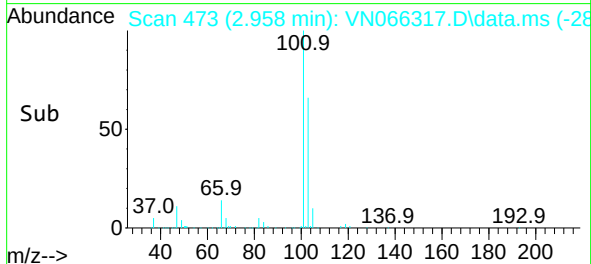
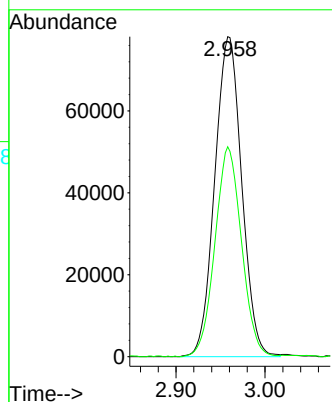
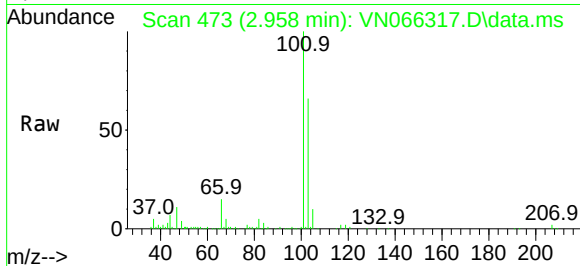




#7
Trichlorofluoromethane
Concen: 19.87 ug/l
RT: 2.958 min Scan# 473
Delta R.T. -0.003 min
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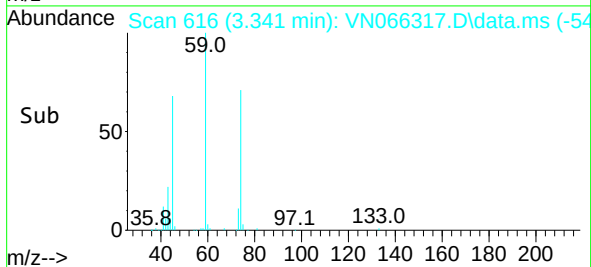
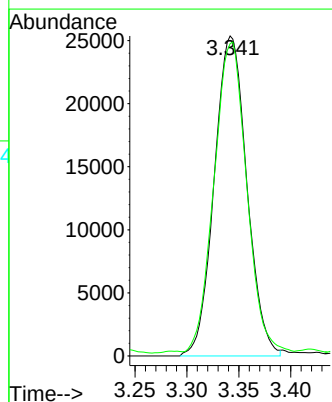
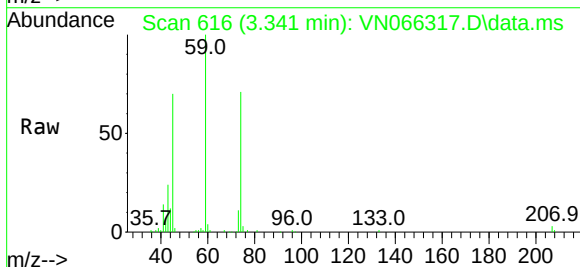
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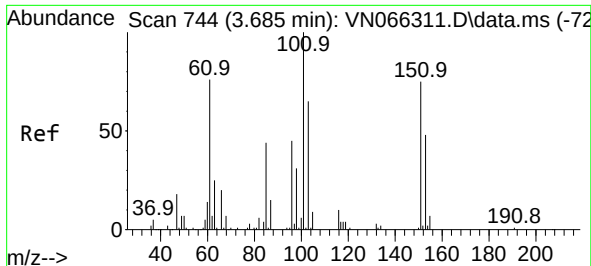
Tgt Ion:101 Resp: 164681
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4



#8
Diethyl Ether
Concen: 19.75 ug/l
RT: 3.341 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 74 Resp: 55278
Ion Ratio Lower Upper
74 100
45 97.7 19.5 175.9

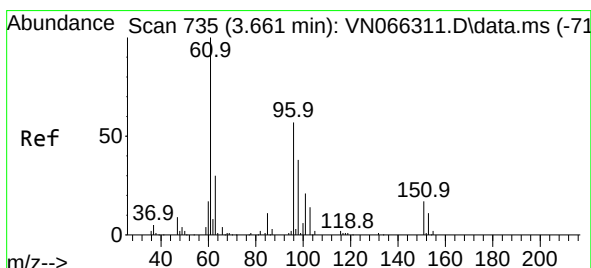
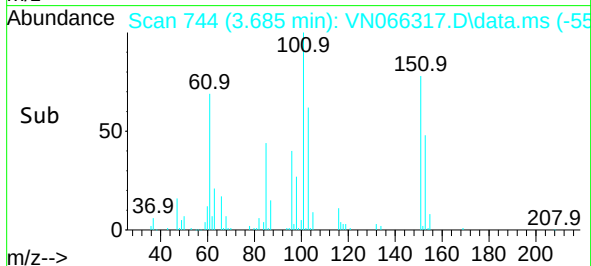
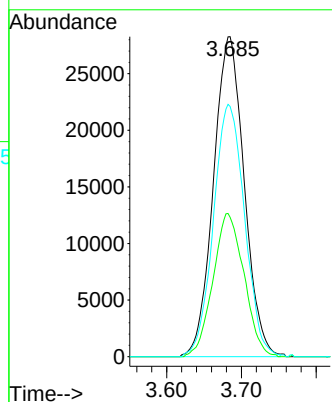
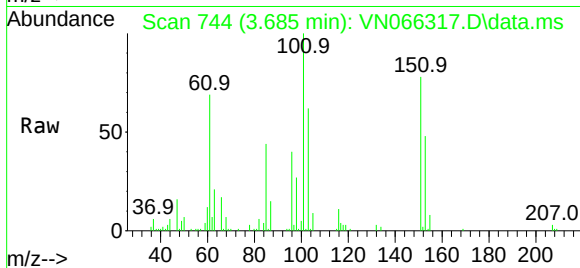




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.92 ug/l
RT: 3.685 min Scan# 744
Delta R.T. -0.000 min
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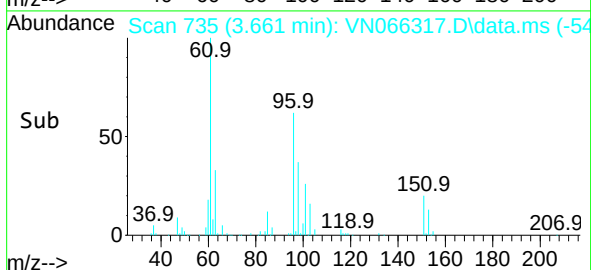
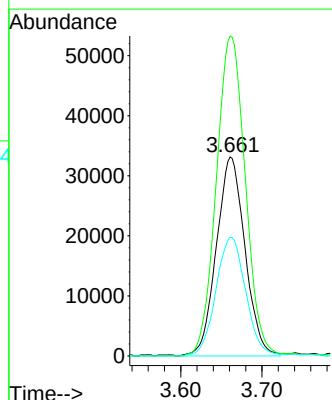
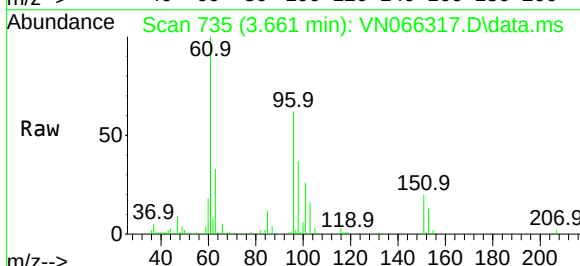
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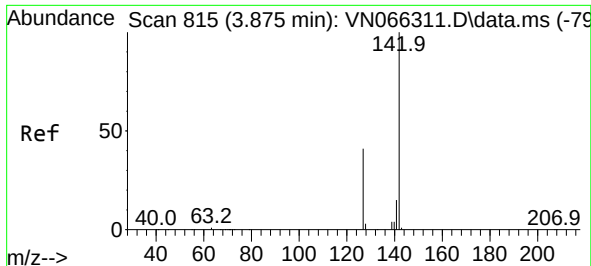
Tgt Ion:101 Resp: 80785
Ion Ratio Lower Upper
101 100
85 45.1 0.0 90.6
151 80.1 0.0 159.0



#10
1,1-Dichloroethene
Concen: 20.16 ug/l
RT: 3.661 min Scan# 735
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 96 Resp: 80953
Ion Ratio Lower Upper
96 100
61 160.8 139.6 209.4
98 59.6 53.7 80.5

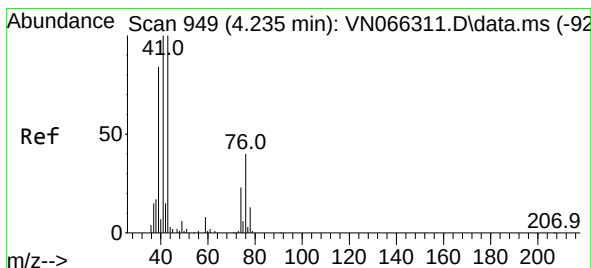
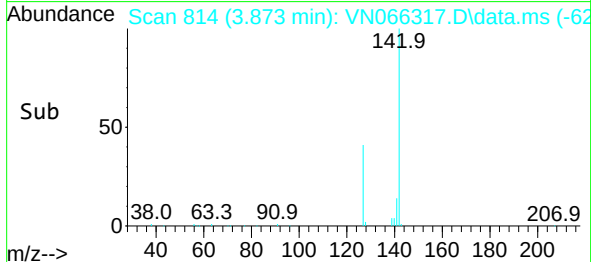
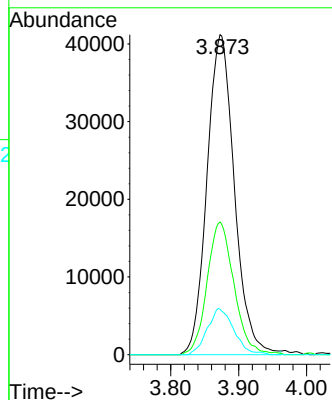
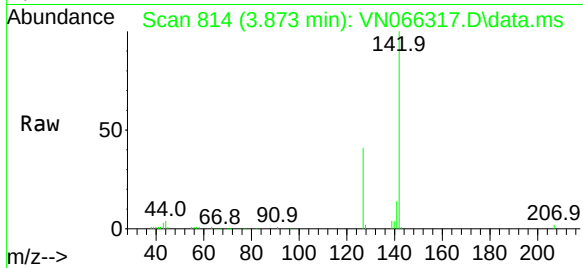




#11
Methyl Iodide
Concen: 19.95 ug/l
RT: 3.873 min Scan# 814
Delta R.T. -0.003 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

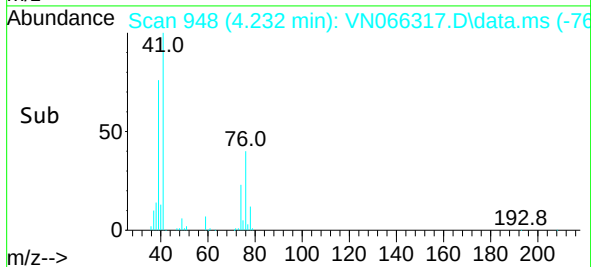
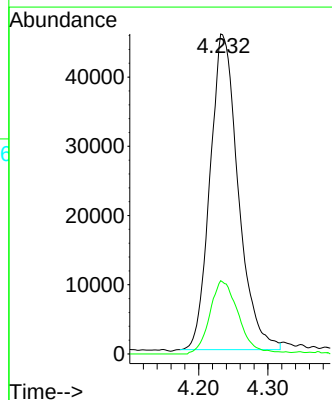
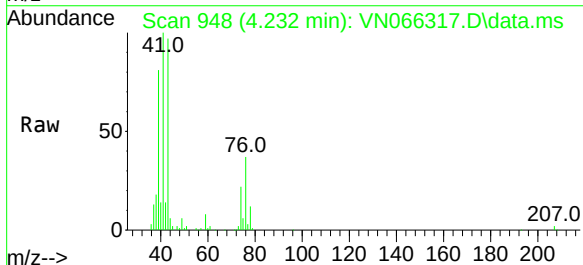
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

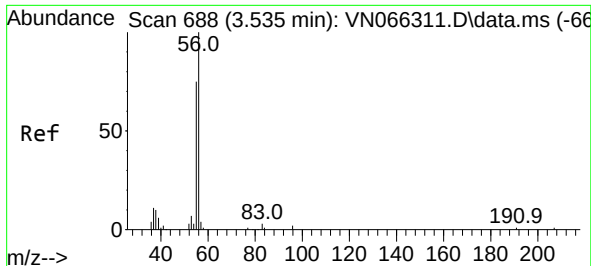
Tgt Ion:142 Resp: 115224
Ion Ratio Lower Upper
142 100
127 41.5 20.5 61.6
141 14.3 7.4 22.3



#12
Methyl Acetate
Concen: 20.71 ug/l
RT: 4.232 min Scan# 948
Delta R.T. -0.003 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 43 Resp: 129036
Ion Ratio Lower Upper
43 100
74 23.1 18.0 27.0

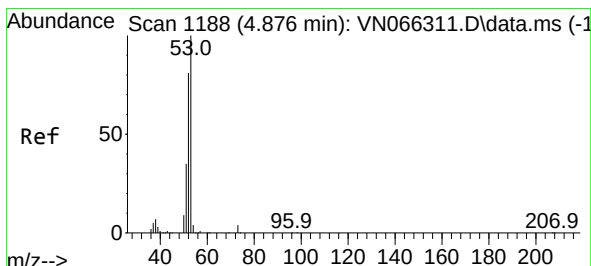
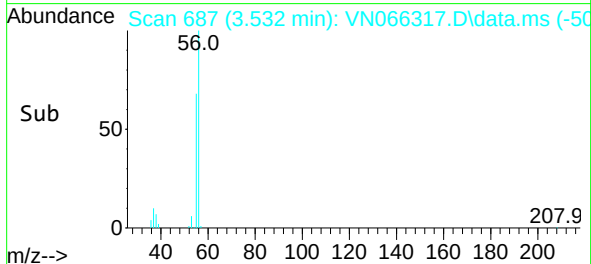
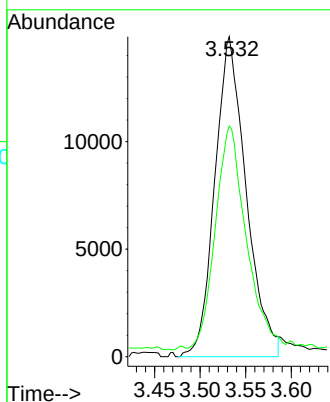
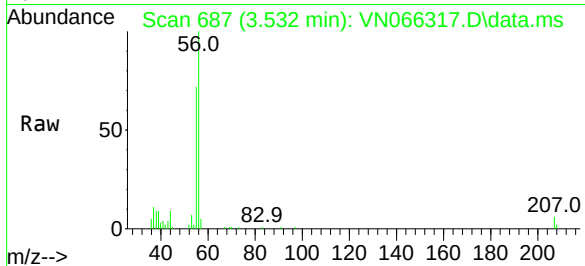




#13
Acrolein
Concen: 92.96 ug/l
RT: 3.532 min Scan# 687
Delta R.T. -0.003 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

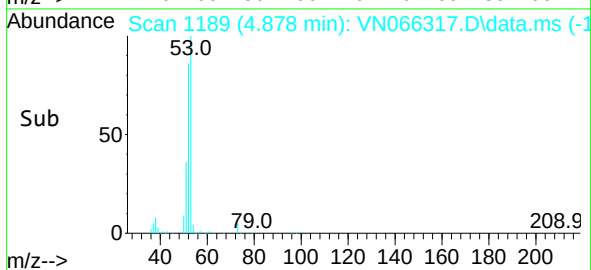
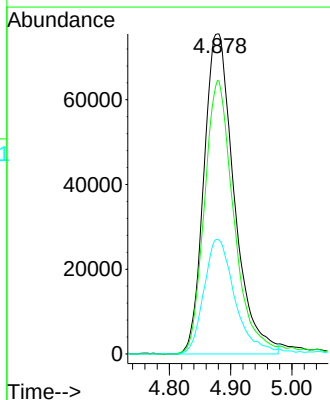
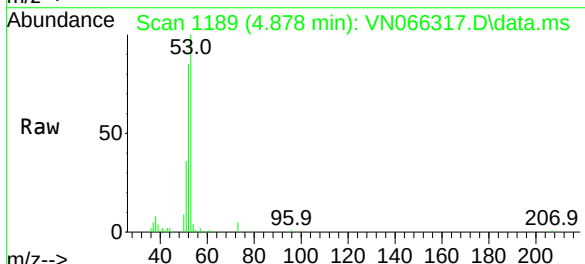
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

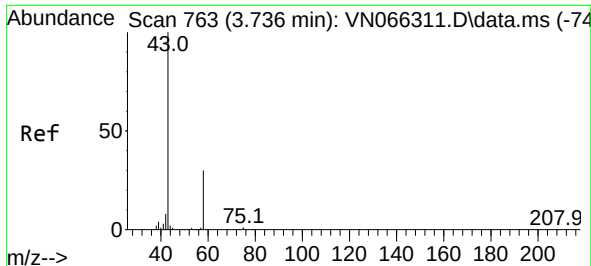
Tgt Ion: 56 Resp: 35490
Ion Ratio Lower Upper
56 100
55 67.8 54.1 81.1



#14
Acrylonitrile
Concen: 100.82 ug/l
RT: 4.878 min Scan# 1189
Delta R.T. 0.002 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 53 Resp: 259169
Ion Ratio Lower Upper
53 100
52 82.5 41.0 123.0
51 35.1 17.8 53.4

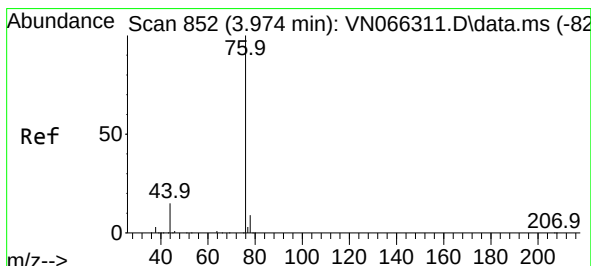
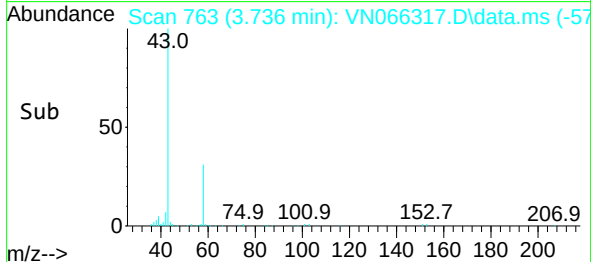
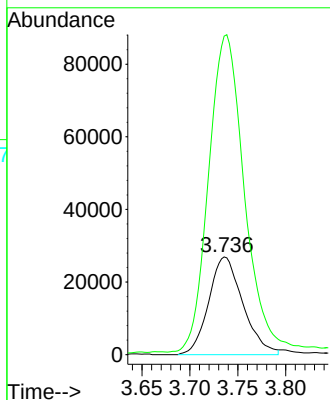
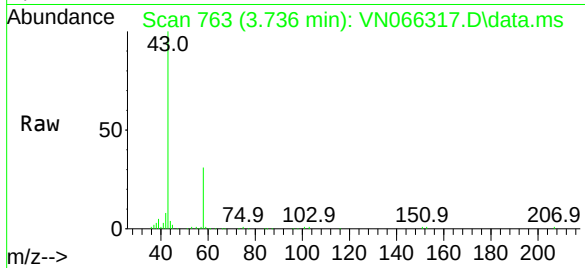




#15
Acetone
Concen: 89.53 ug/l
RT: 3.736 min Scan# 763
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

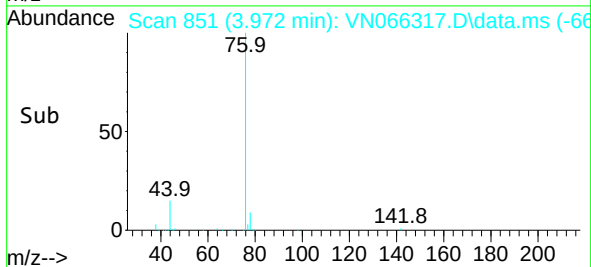
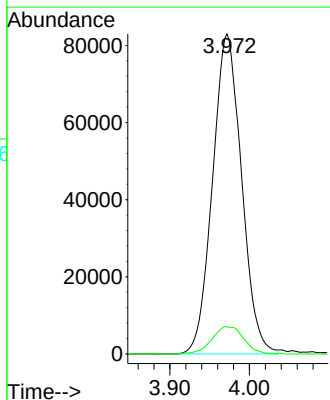
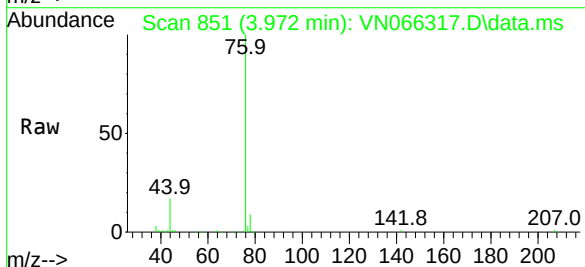
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

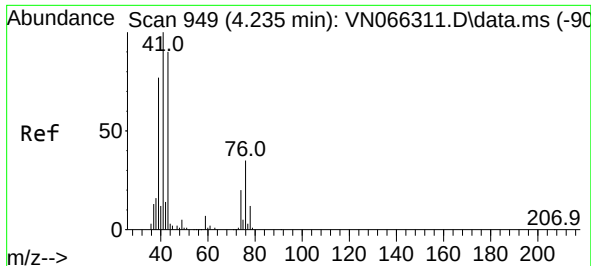
Tgt Ion: 58 Resp: 67011
Ion Ratio Lower Upper
58 100
43 321.7 267.3 400.9



#16
Carbon Disulfide
Concen: 18.90 ug/l
RT: 3.972 min Scan# 851
Delta R.T. -0.002 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 76 Resp: 210124
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6





#17

Allyl chloride

Concen: 20.37 ug/l

RT: 4.232 min Scan# 948

Delta R.T. -0.003 min

Lab File: VN066317.D

Acq: 24 Mar 2021 19:23

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

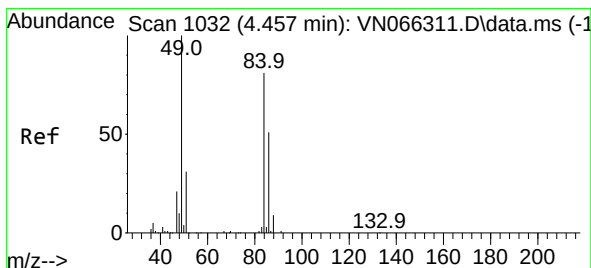
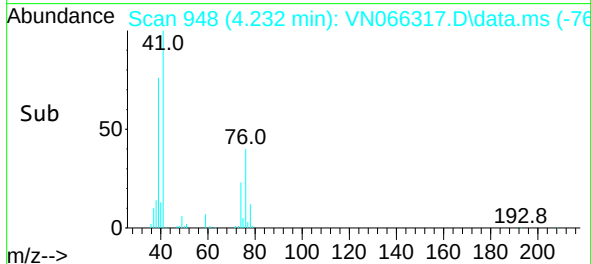
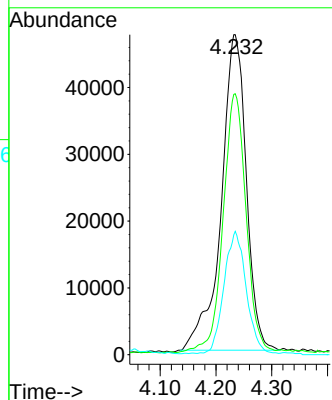
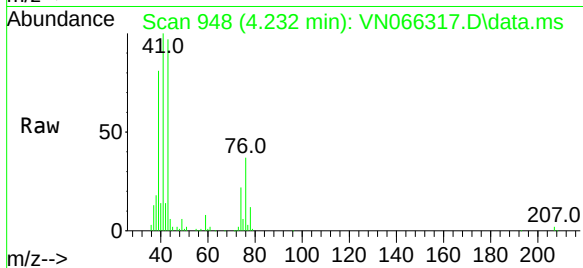
Tgt Ion: 41 Resp: 147730

Ion Ratio Lower Upper

41 100

39 81.6 38.6 116.0

76 37.7 17.6 52.8



#18

Methylene Chloride

Concen: 19.48 ug/l

RT: 4.457 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VN066317.D

Acq: 24 Mar 2021 19:23

Tgt Ion: 84 Resp: 93429

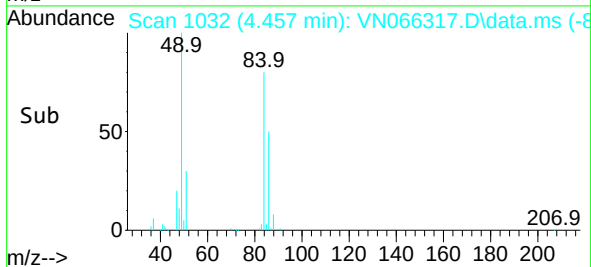
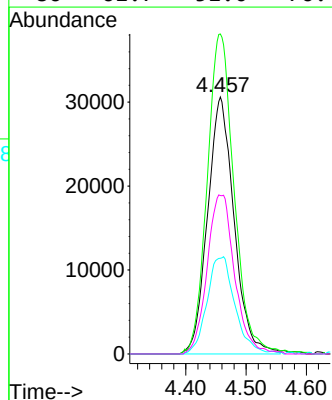
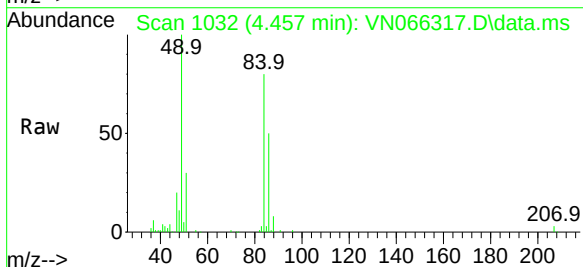
Ion Ratio Lower Upper

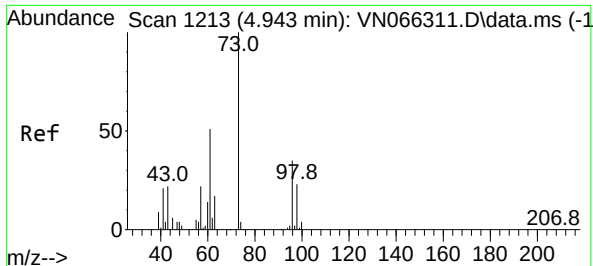
84 100

49 124.6 98.9 148.3

51 37.3 30.8 46.2

86 61.7 51.0 76.4



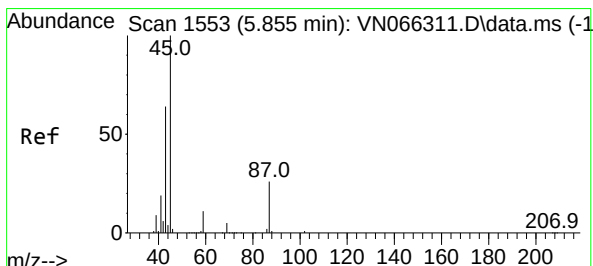
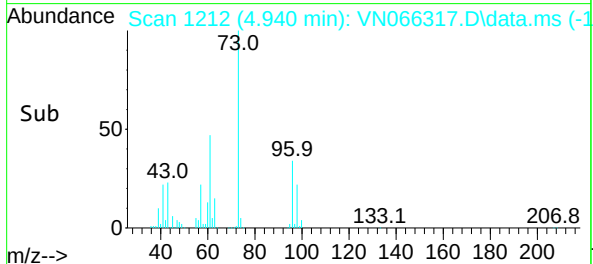
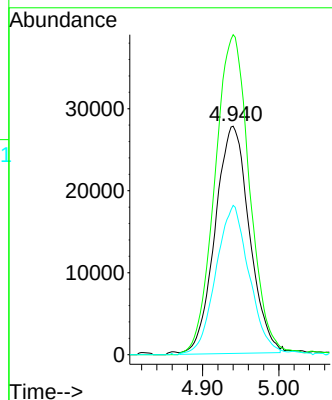
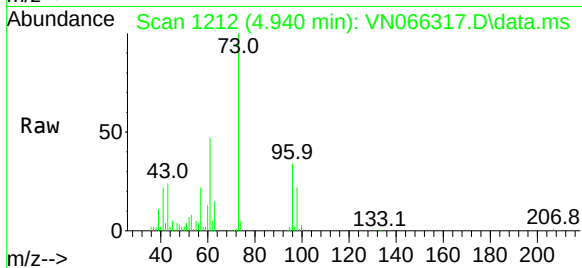


#19

trans-1,2-Dichloroethene
Concen: 19.59 ug/l
RT: 4.940 min Scan# 1212
Delta R.T. -0.003 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

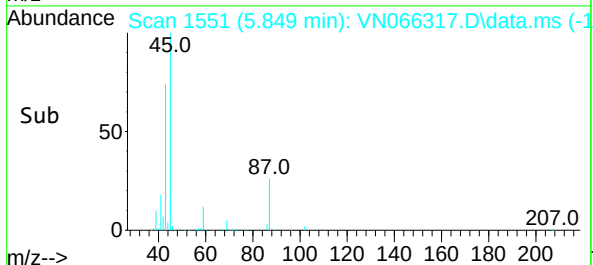
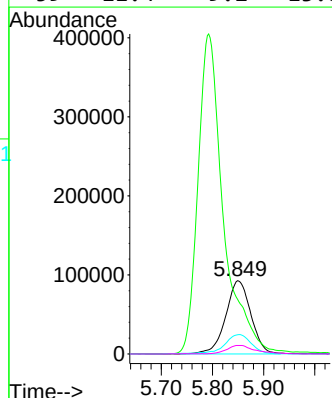
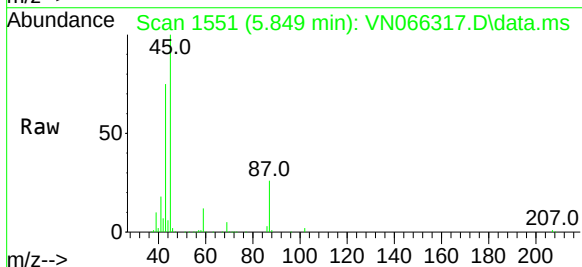
Tgt Ion: 96 Resp: 86504
Ion Ratio Lower Upper
96 100
61 140.6 113.4 170.0
98 65.3 51.0 76.4

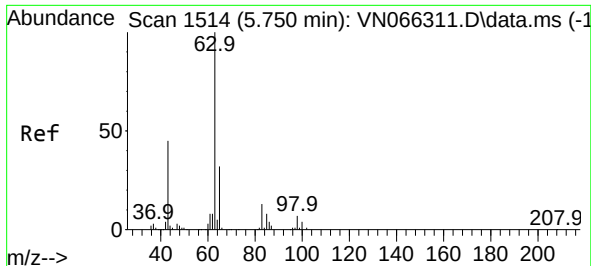


#20

Diisopropyl ether
Concen: 19.87 ug/l
RT: 5.849 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 45 Resp: 316290
Ion Ratio Lower Upper
45 100
43 71.2 51.4 77.2
87 26.1 21.4 32.0
59 11.4 9.2 13.8





#21

1,1-Dichloroethane

Concen: 19.59 ug/l

RT: 5.745 min Scan# 1512

Delta R.T. -0.005 min

Lab File: VN066317.D

Acq: 24 Mar 2021 19:23

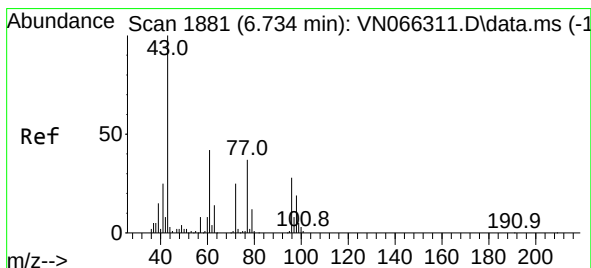
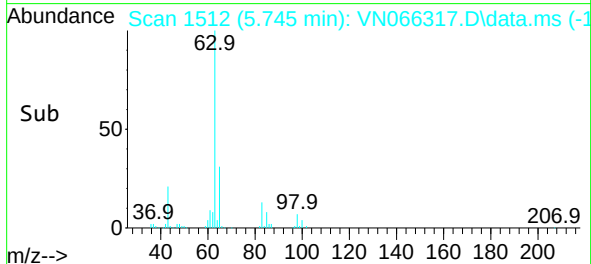
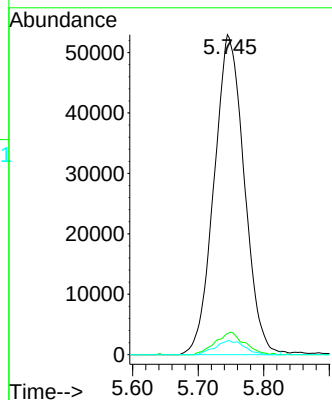
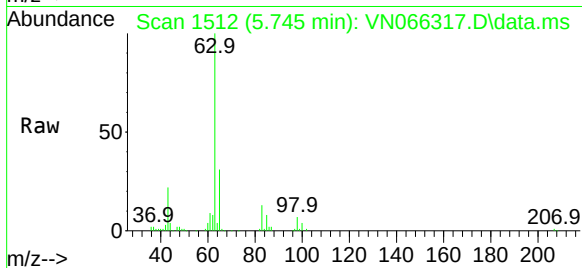
Tgt Ion: 63 Resp: 168841

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.4 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 19.46 ug/l

RT: 6.731 min Scan# 1880

Delta R.T. -0.003 min

Lab File: VN066317.D

Acq: 24 Mar 2021 19:23

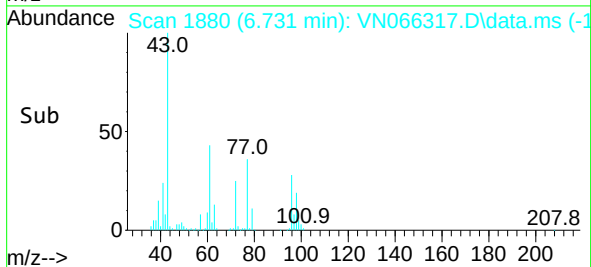
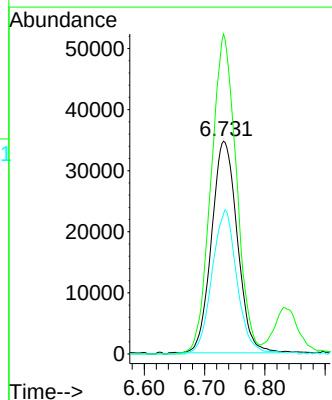
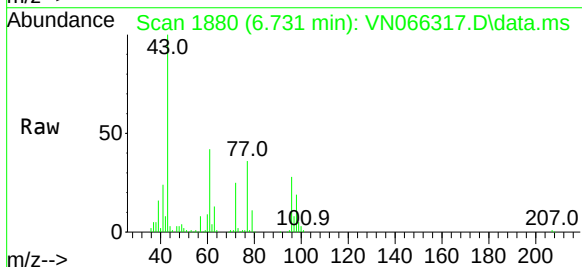
Tgt Ion: 96 Resp: 102846

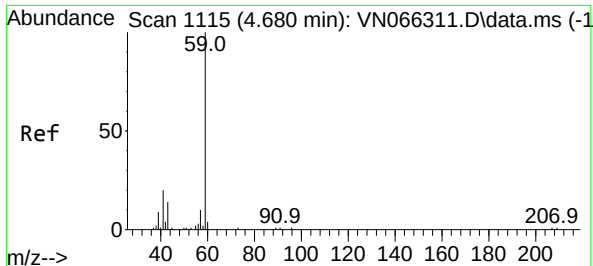
Ion Ratio Lower Upper

96 100

61 148.8 119.4 179.0

98 65.6 51.5 77.3

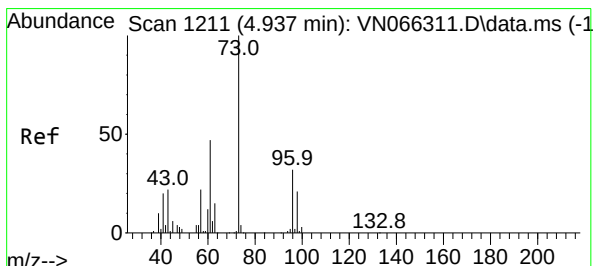
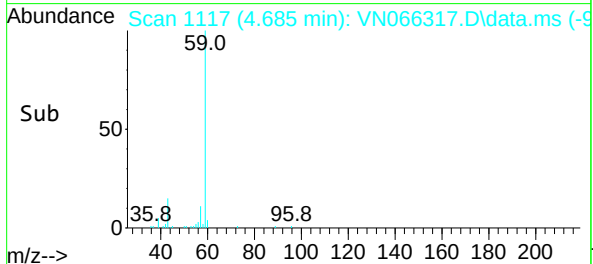
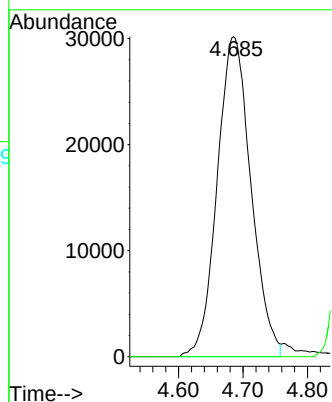
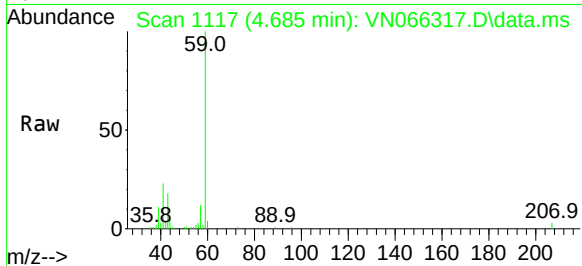




#23
tert-Butyl Alcohol
Concen: 104.00 ug/l
RT: 4.685 min Scan# 1117
Delta R.T. 0.005 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

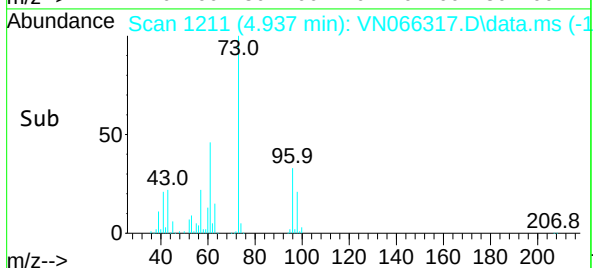
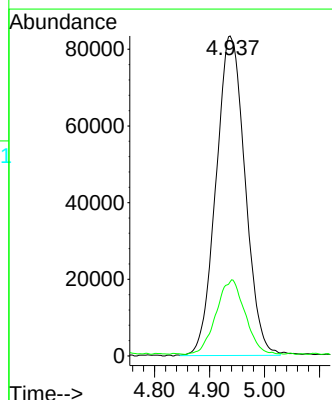
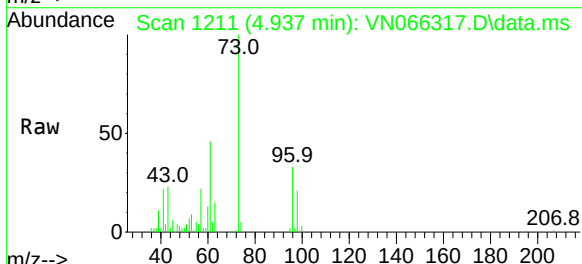
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

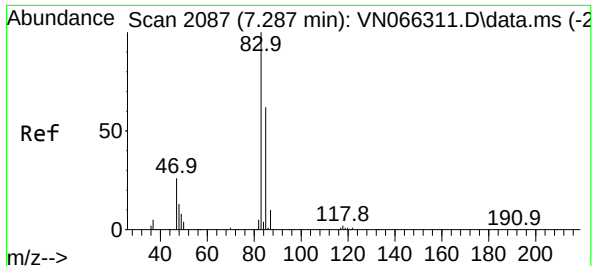
Tgt Ion: 59 Resp: 109752
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 19.96 ug/l
RT: 4.937 min Scan# 1211
Delta R.T. 0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 73 Resp: 305719
Ion Ratio Lower Upper
73 100
43 23.1 18.5 27.7

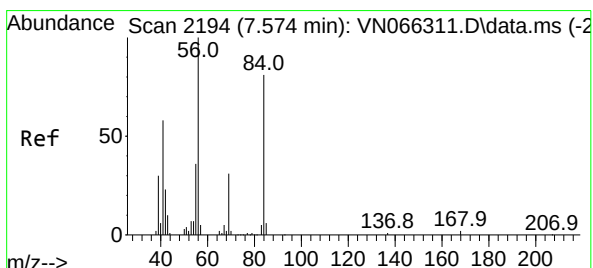
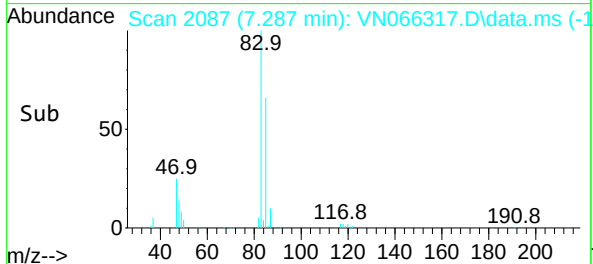
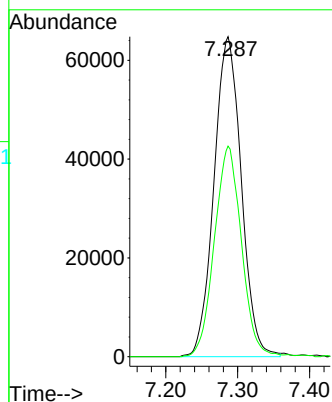
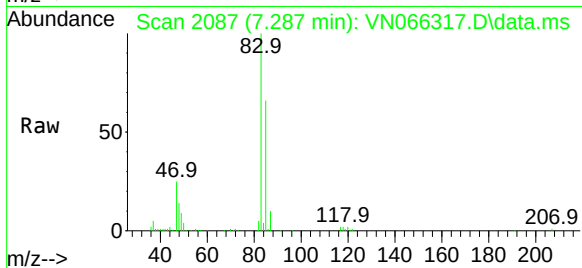




#25
Chloroform
Concen: 19.64 ug/l
RT: 7.287 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

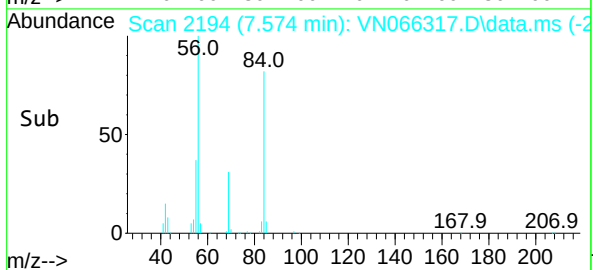
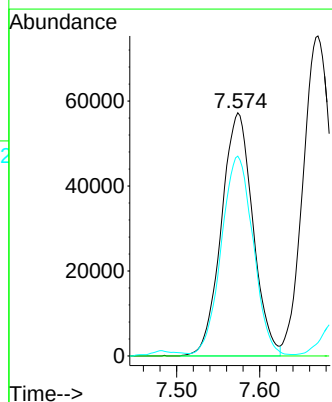
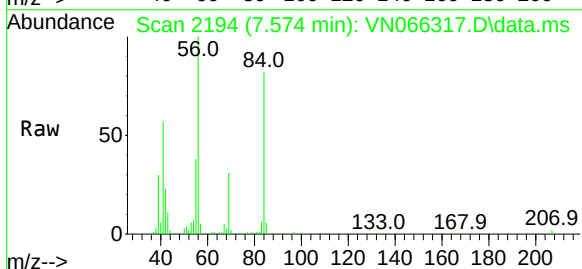
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

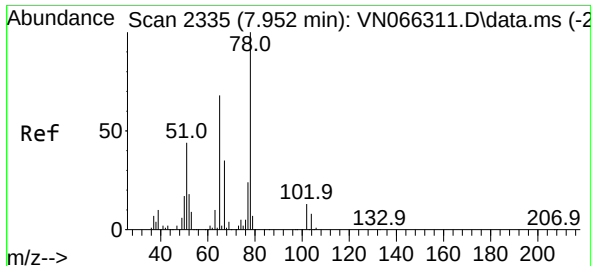
Tgt Ion: 83 Resp: 170973
Ion Ratio Lower Upper
83 100
85 65.8 49.4 74.2



#26
Cyclohexane
Concen: 19.74 ug/l
RT: 7.574 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 56 Resp: 150847
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.6 65.4 98.2





#27

1,2-Dichloroethane-d4

Concen: 30.15 ug/l

RT: 7.949 min Scan# 2334

Delta R.T. -0.003 min

Lab File: VN066317.D

Acq: 24 Mar 2021 19:23

Tgt Ion: 65 Resp: 180184

Ion Ratio Lower Upper

65 100

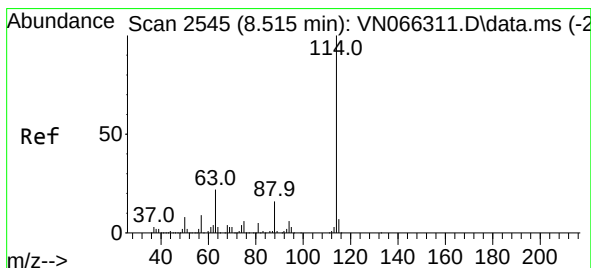
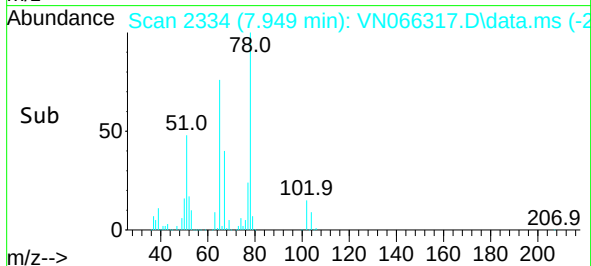
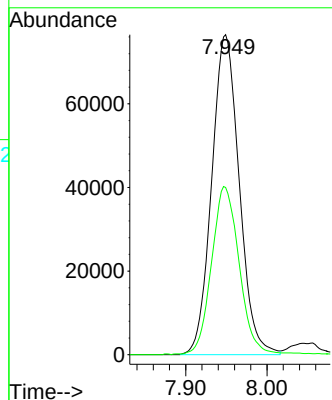
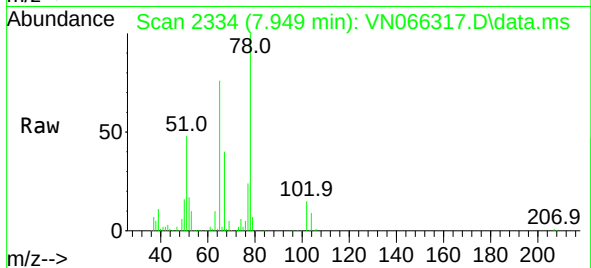
67 52.1 42.2 63.4

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.515 min Scan# 2545

Delta R.T. 0.000 min

Lab File: VN066317.D

Acq: 24 Mar 2021 19:23

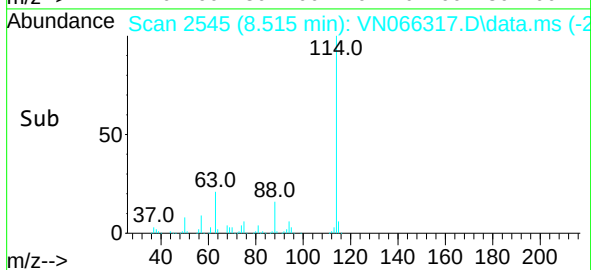
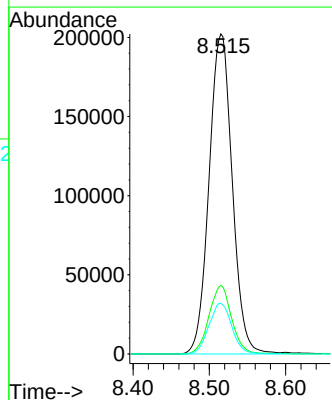
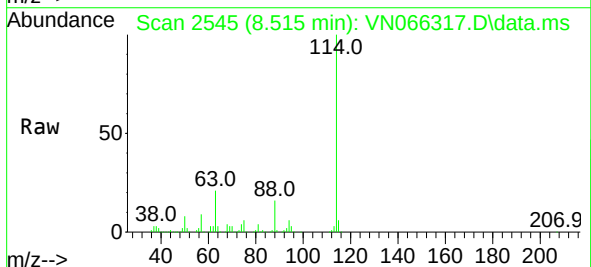
Tgt Ion:114 Resp: 426719

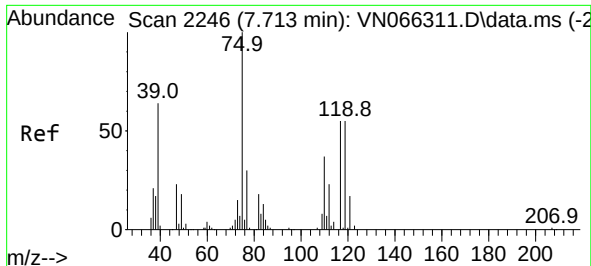
Ion Ratio Lower Upper

114 100

63 20.8 17.4 26.0

88 15.7 12.6 19.0



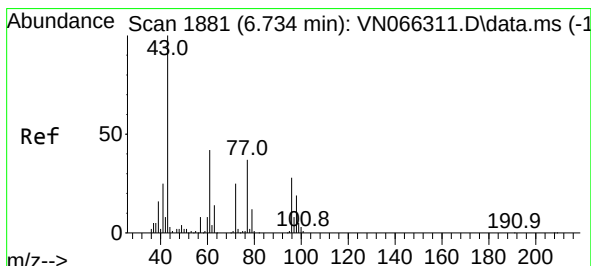
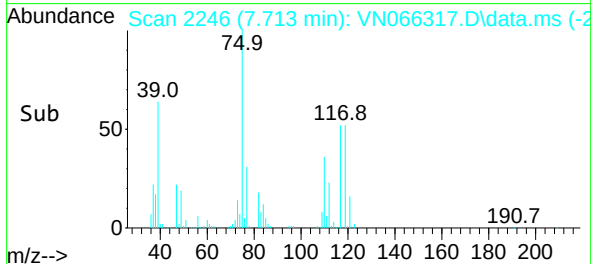
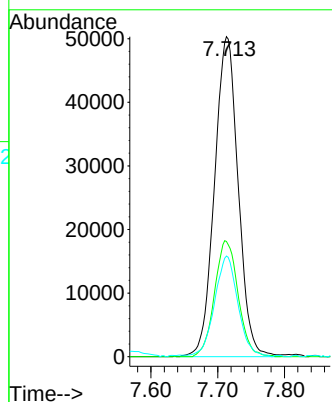
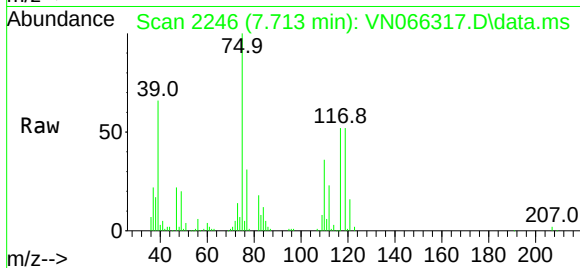


#29

1,1-Dichloropropene
Concen: 19.40 ug/l
RT: 7.713 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

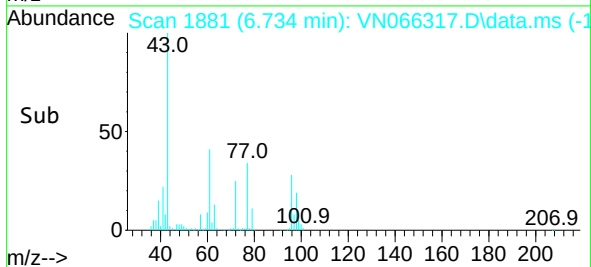
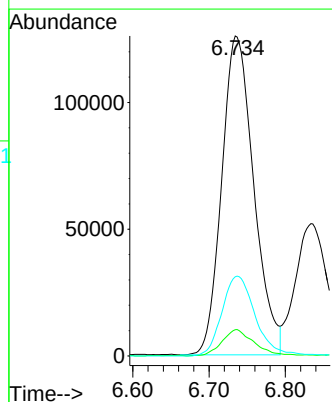
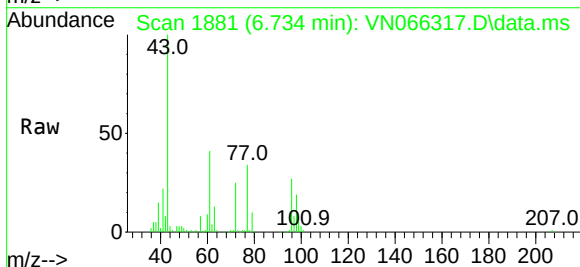
Tgt Ion: 75 Resp: 123810
Ion Ratio Lower Upper
75 100
110 36.1 0.0 69.4
77 31.2 0.0 60.6

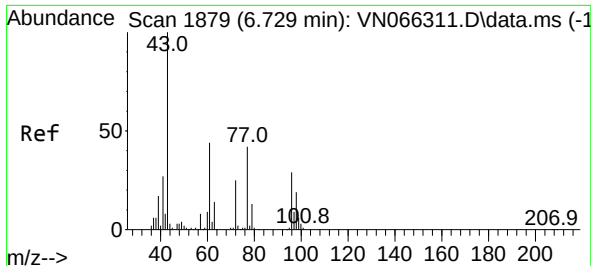


#30

2-Butanone
Concen: 98.25 ug/l
RT: 6.734 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 43 Resp: 367459
Ion Ratio Lower Upper
43 100
57 7.9 6.9 10.3
72 25.6 20.9 31.3

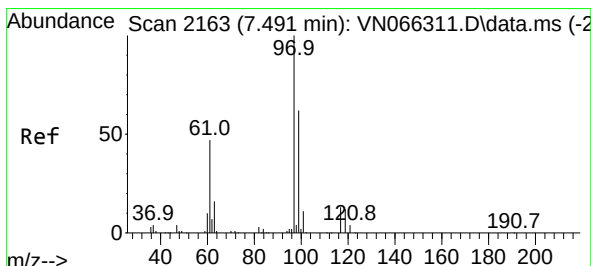
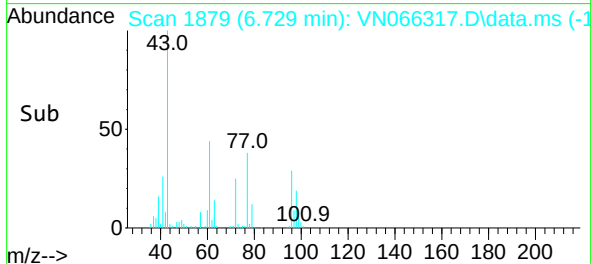
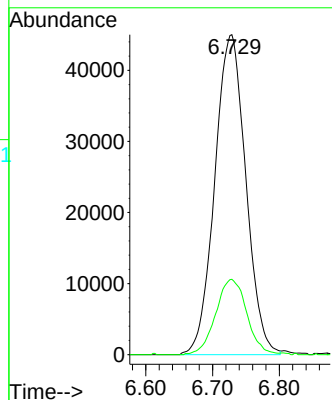
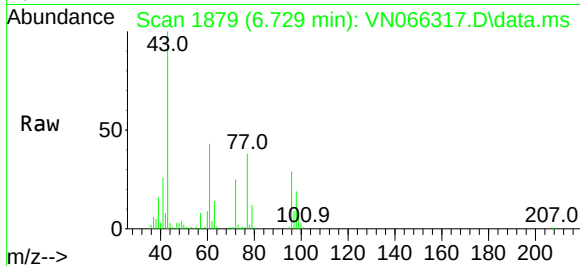




#31
2,2-Dichloropropane
Concen: 18.41 ug/l
RT: 6.729 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

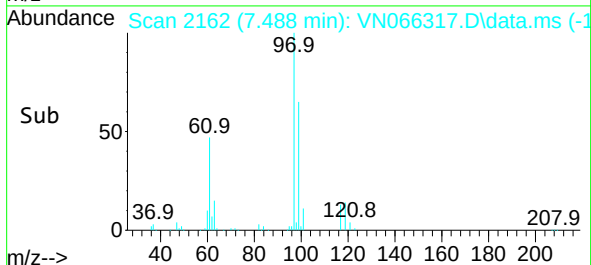
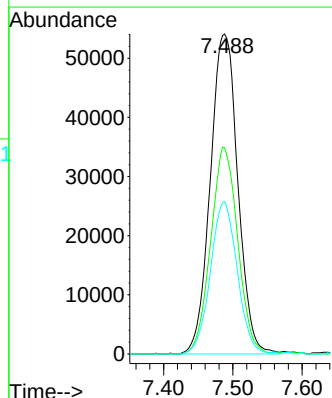
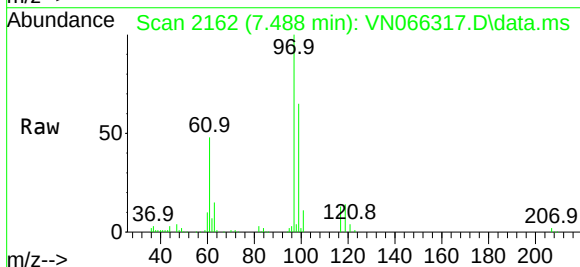
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

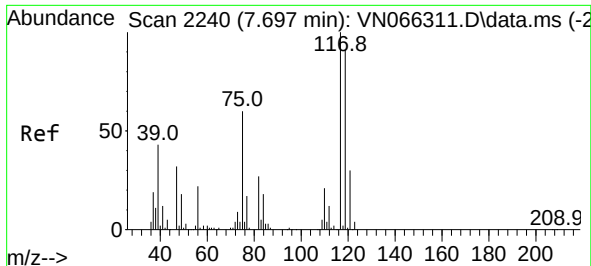
Tgt Ion: 77 Resp: 145555
Ion Ratio Lower Upper
77 100
97 23.0 18.1 27.1



#32
1,1,1-Trichloroethane
Concen: 19.32 ug/l
RT: 7.488 min Scan# 2162
Delta R.T. -0.003 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 97 Resp: 149450
Ion Ratio Lower Upper
97 100
99 63.3 50.7 76.1
61 46.4 37.6 56.4

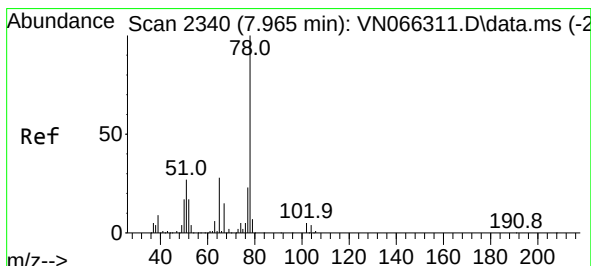
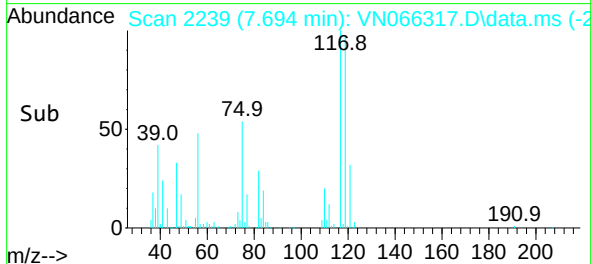
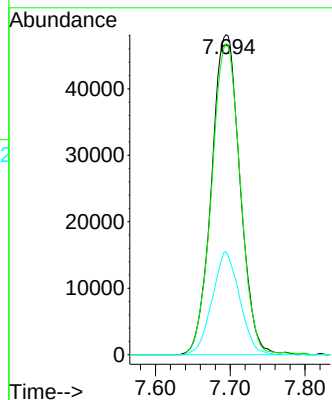
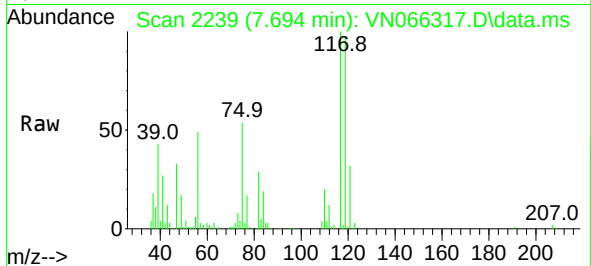




#33
Carbon Tetrachloride
Concen: 19.48 ug/l
RT: 7.694 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

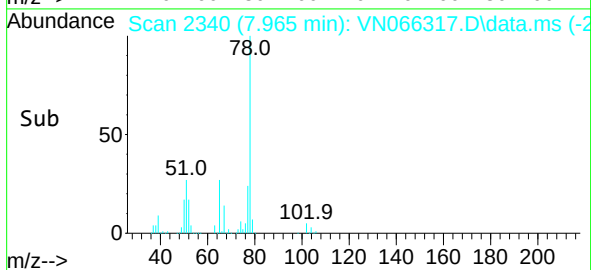
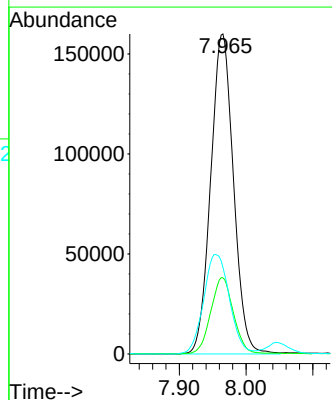
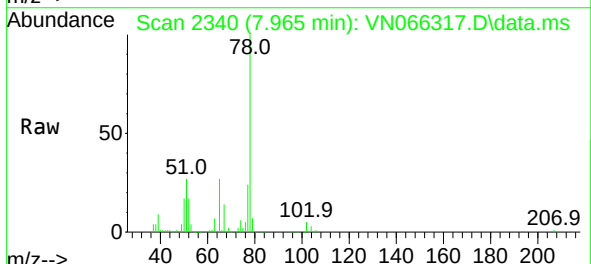
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

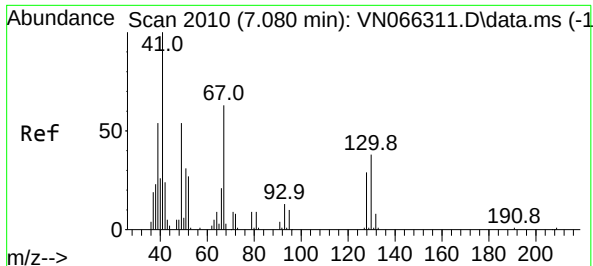
Tgt Ion:117 Resp: 127229
Ion Ratio Lower Upper
117 100
119 97.2 72.6 108.8
121 32.2 23.5 35.3



#34
Benzene
Concen: 19.53 ug/l
RT: 7.965 min Scan# 2340
Delta R.T. 0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 78 Resp: 379777
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8
51 26.8 21.9 32.9





#35

Methacrylonitrile

Concen: 70.17 ug/l

RT: 7.120 min Scan# 2025

Delta R.T. 0.040 min

Lab File: VN066317.D

Acq: 24 Mar 2021 19:23

Tgt Ion: 41 Resp: 221996

Ion Ratio Lower Upper

41 100

39 48.6 27.3 81.8

67 3.3 31.4 94.3#

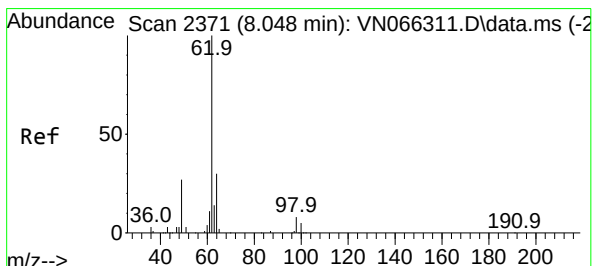
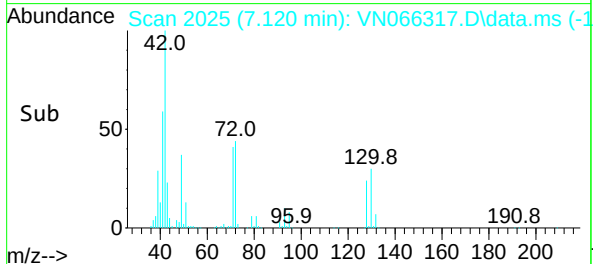
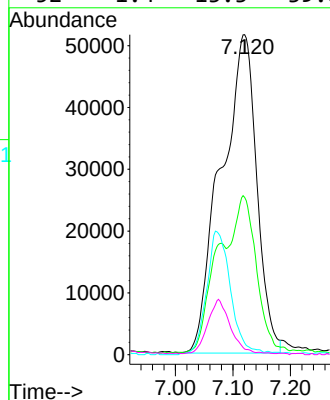
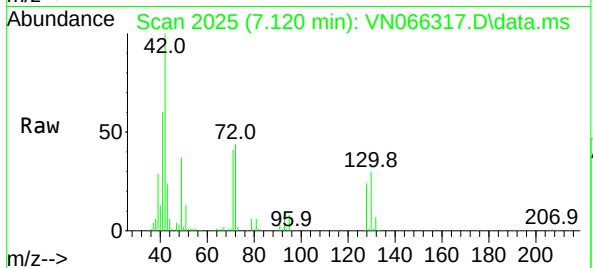
52 1.4 13.3 39.8#

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01



#36

1,2-Dichloroethane

Concen: 19.25 ug/l

RT: 8.048 min Scan# 2371

Delta R.T. 0.000 min

Lab File: VN066317.D

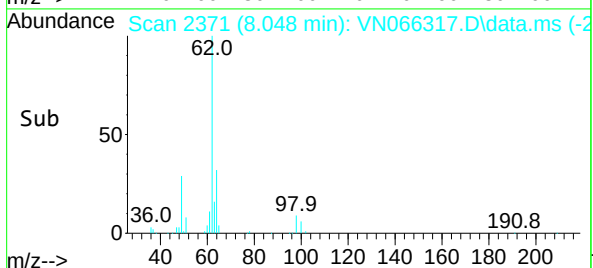
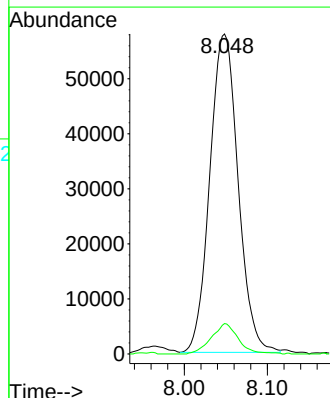
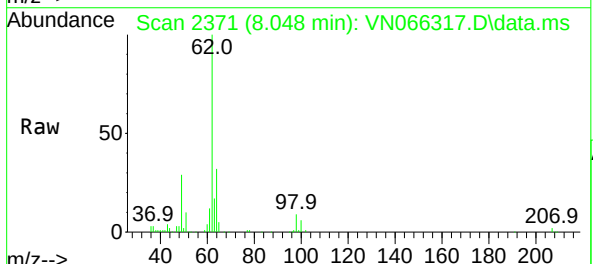
Acq: 24 Mar 2021 19:23

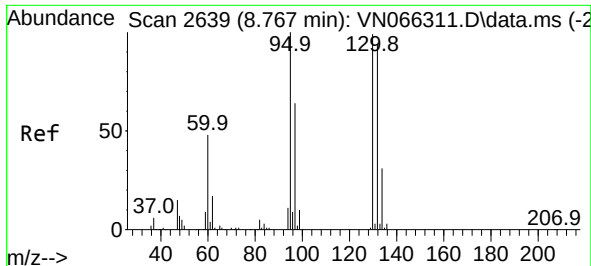
Tgt Ion: 62 Resp: 137179

Ion Ratio Lower Upper

62 100

98 9.0 6.9 10.3

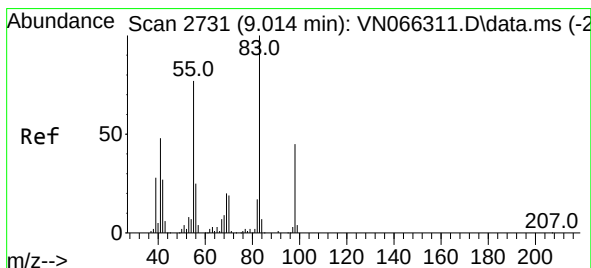
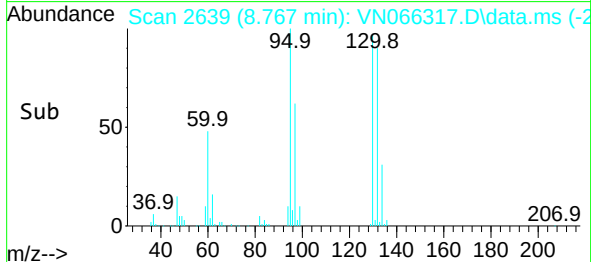
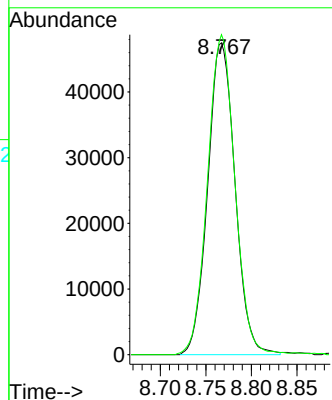
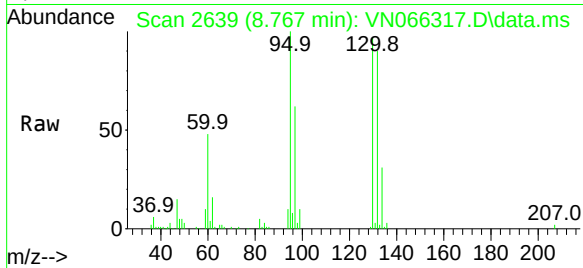




#37
Trichloroethene
Concen: 19.53 ug/l
RT: 8.767 min Scan# 2639
Delta R.T. 0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

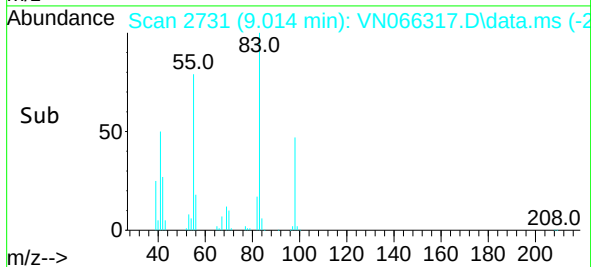
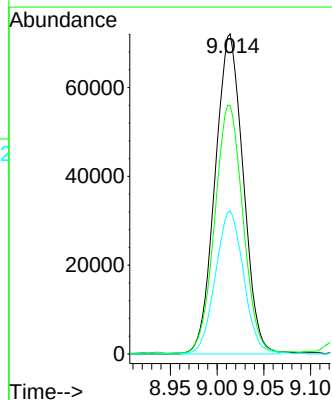
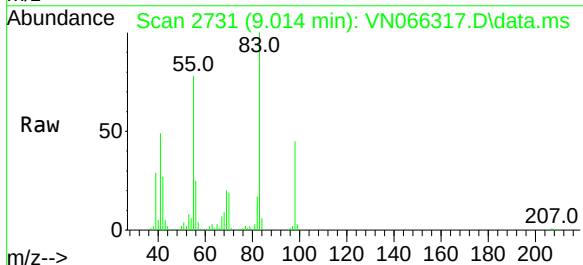
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

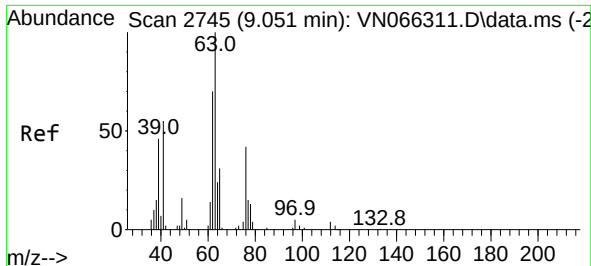
Tgt Ion:130 Resp: 99050
Ion Ratio Lower Upper
130 100
95 102.0 80.7 121.1



#38
Methylcyclohexane
Concen: 19.12 ug/l
RT: 9.014 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 83 Resp: 150941
Ion Ratio Lower Upper
83 100
55 77.3 38.8 116.3
98 45.0 22.2 66.6



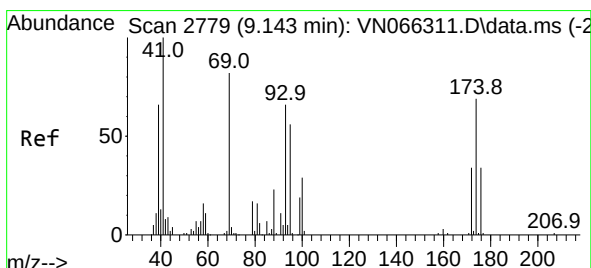
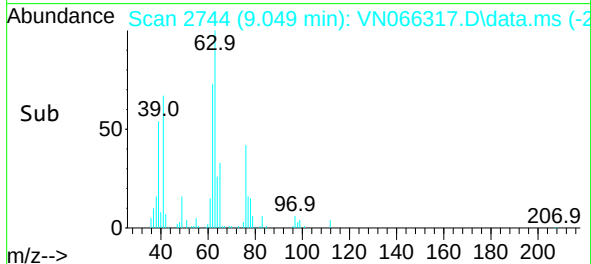
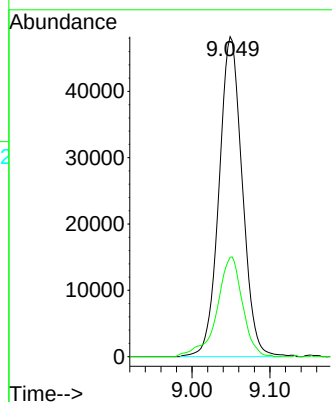
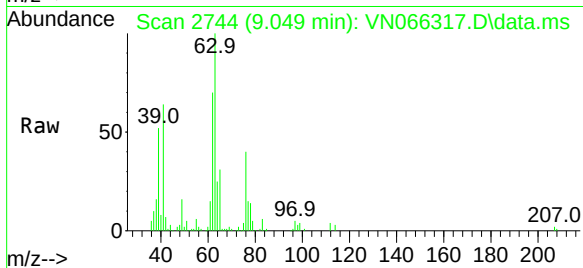


#39

1,2-Dichloropropane
Concen: 18.96 ug/l
RT: 9.049 min Scan# 2744
Delta R.T. -0.002 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

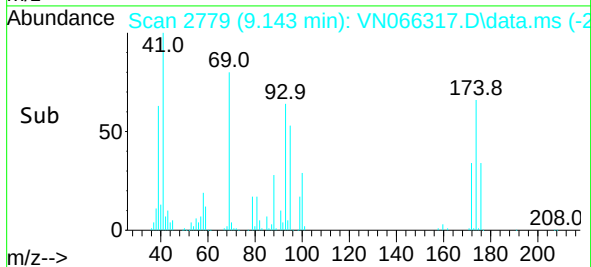
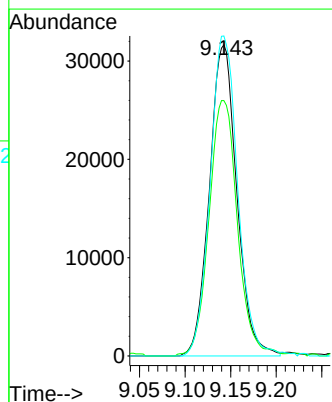
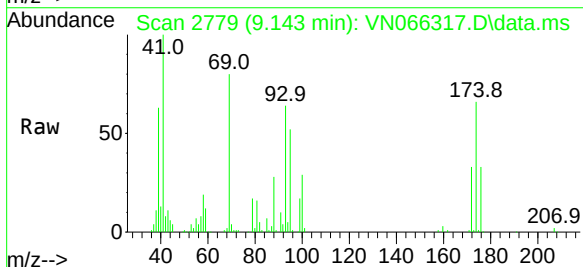
Tgt Ion: 63 Resp: 99810
Ion Ratio Lower Upper
63 100
65 31.1 24.9 37.3

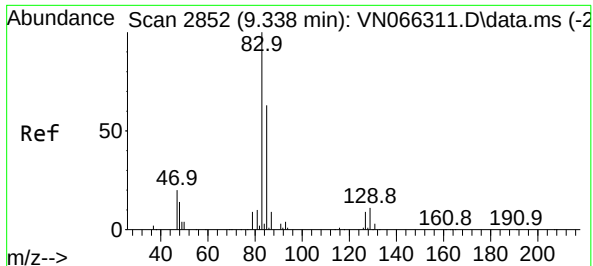


#40

Dibromomethane
Concen: 19.63 ug/l
RT: 9.143 min Scan# 2779
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 93 Resp: 66445
Ion Ratio Lower Upper
93 100
95 83.9 0.0 169.0
174 103.4 0.0 205.8

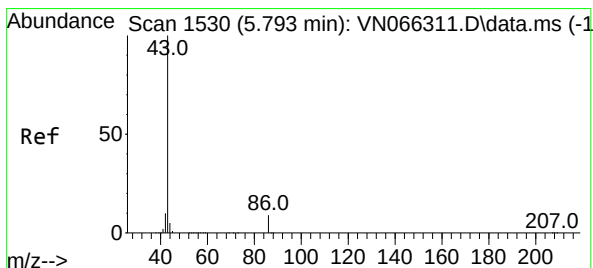
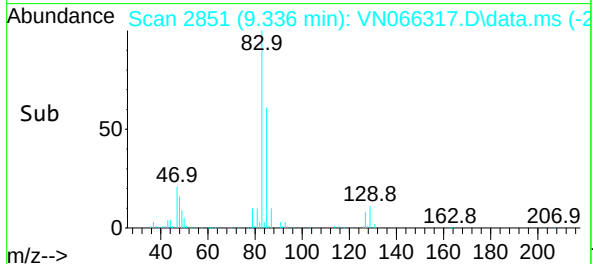
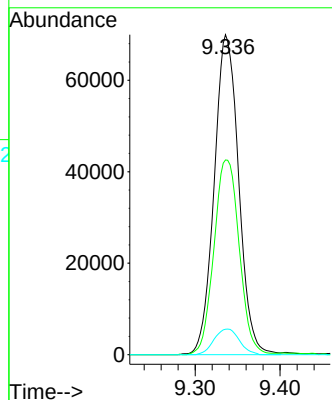
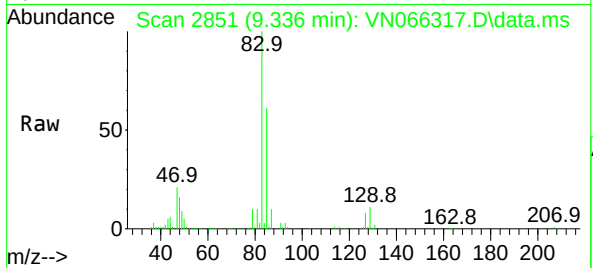




#41
Bromodichloromethane
Concen: 19.59 ug/l
RT: 9.336 min Scan# 2851
Delta R.T. -0.002 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

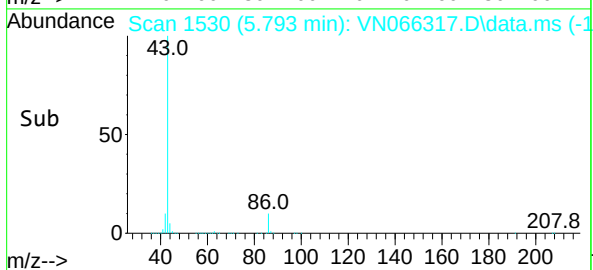
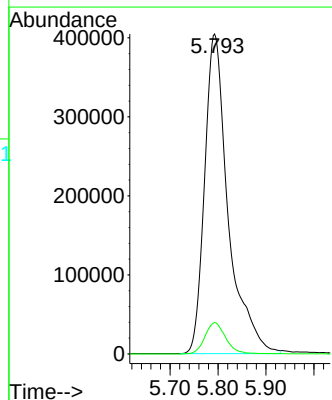
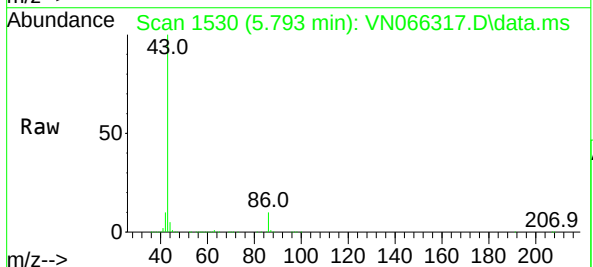
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

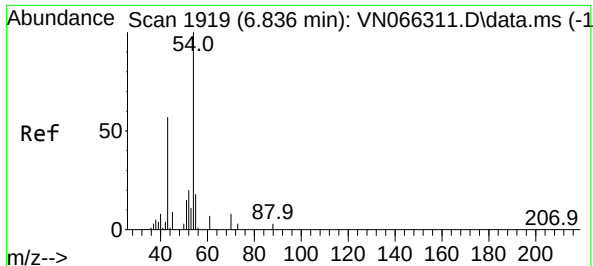
Tgt Ion: 83 Resp: 140296
Ion Ratio Lower Upper
83 100
85 60.6 50.6 75.8
127 8.0 6.9 10.3



#42
Vinyl Acetate
Concen: 98.33 ug/l
RT: 5.793 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 43 Resp: 1386131
Ion Ratio Lower Upper
43 100
86 8.7 6.7 10.1

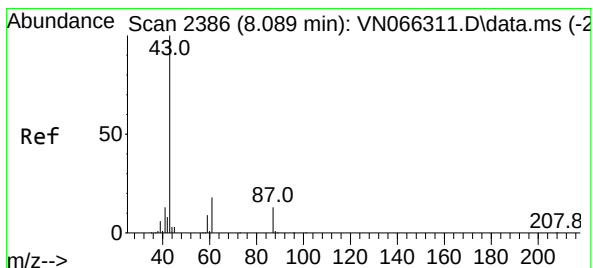
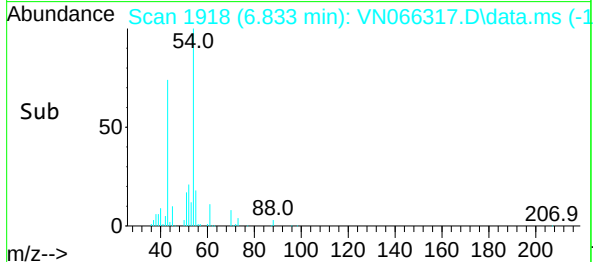
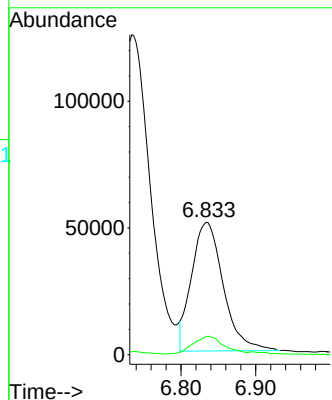
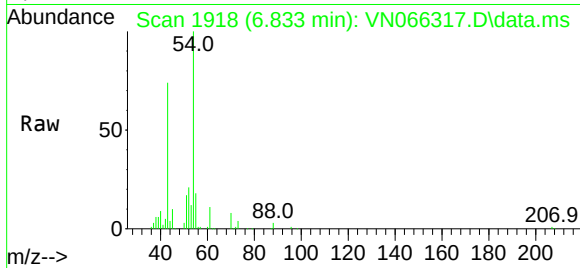




#43
Ethyl Acetate
Concen: 20.81 ug/l
RT: 6.833 min Scan# 1918
Delta R.T. -0.003 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

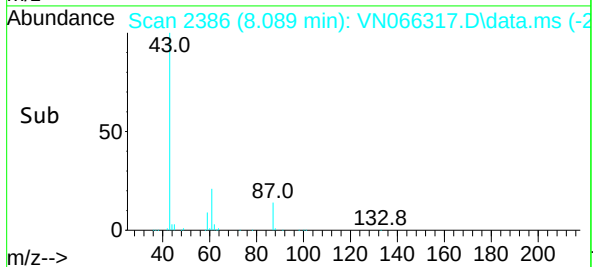
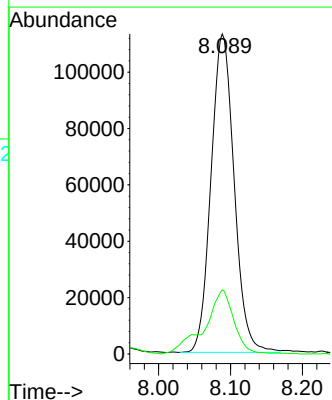
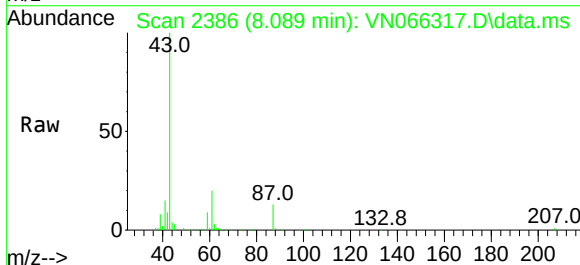
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

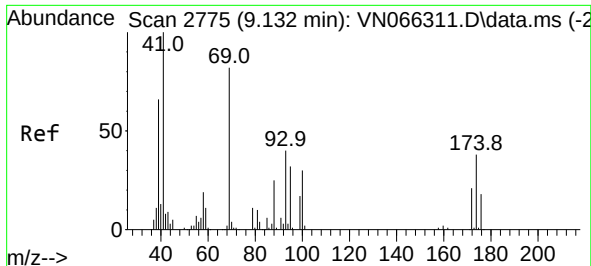
Tgt Ion: 43 Resp: 149892
Ion Ratio Lower Upper
43 100
45 13.1 0.0 0.0#



#44
Isopropyl Acetate
Concen: 19.59 ug/l
RT: 8.089 min Scan# 2386
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 43 Resp: 251922
Ion Ratio Lower Upper
43 100
61 19.5 0.0 0.0#

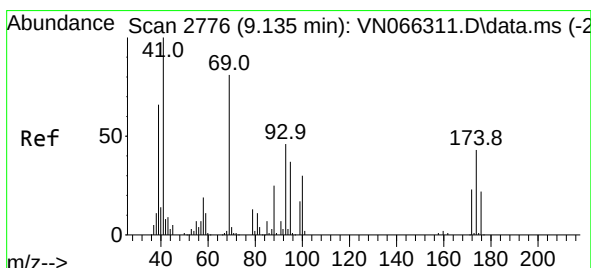
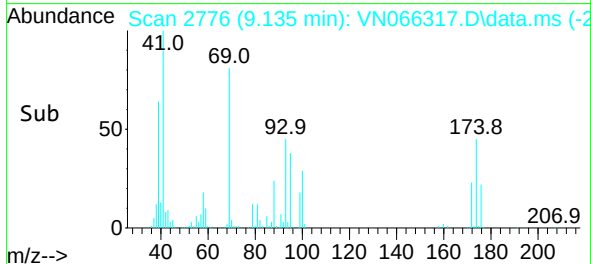
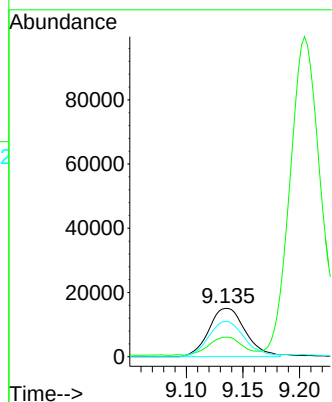
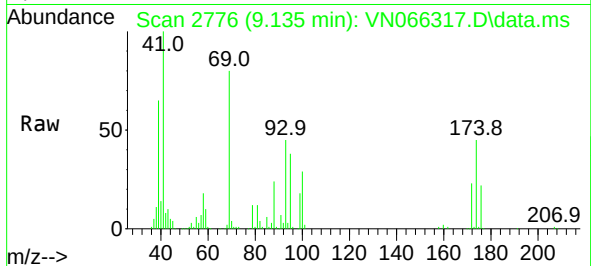




#45
1,4-Dioxane
Concen: 412.52 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. 0.003 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

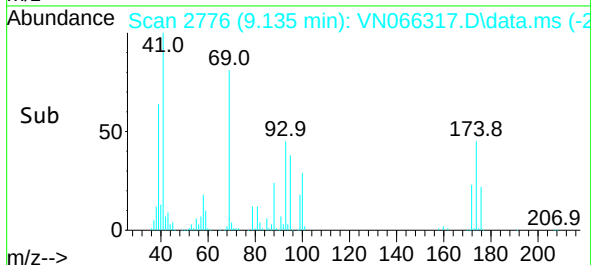
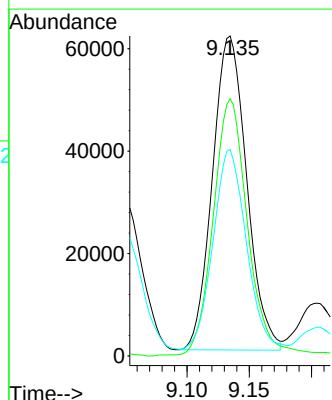
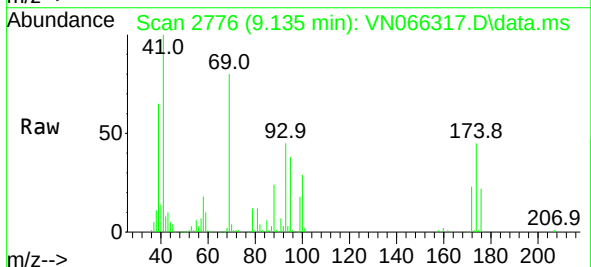
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

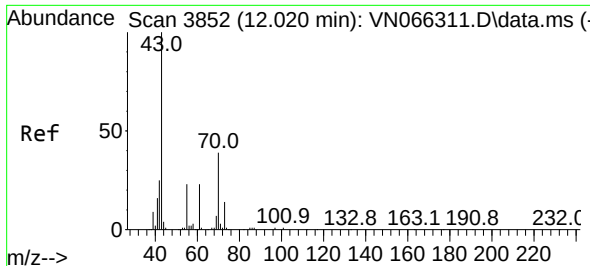
Tgt Ion: 88 Resp: 33849
Ion Ratio Lower Upper
88 100
43 34.0 27.0 40.4
58 71.8 57.9 86.9



#46
Methyl methacrylate
Concen: 19.51 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 41 Resp: 117221
Ion Ratio Lower Upper
41 100
69 81.5 40.6 121.7
39 63.7 33.2 99.6

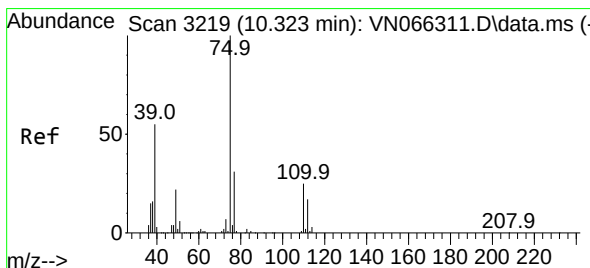
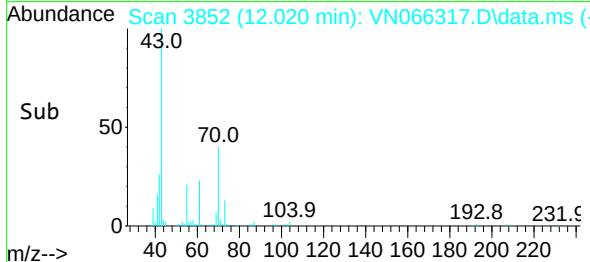
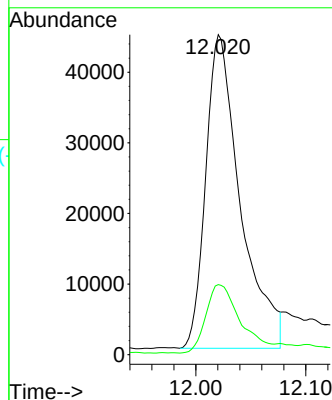
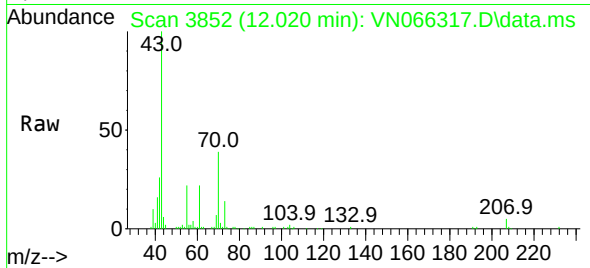




#47
n-amy1 Acetate
Concen: 16.95 ug/l
RT: 12.020 min Scan# 3852
Delta R.T. 0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

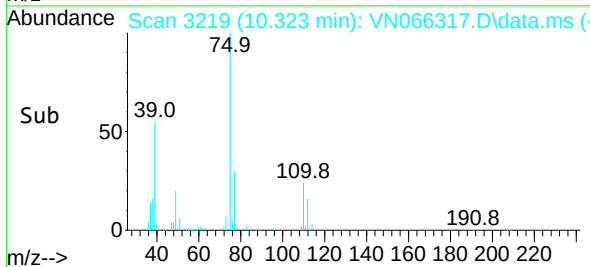
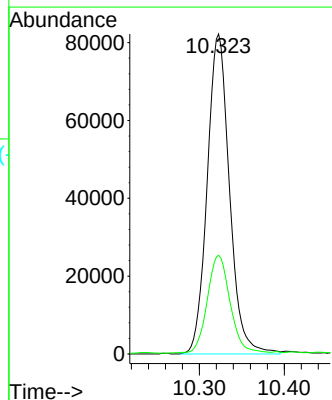
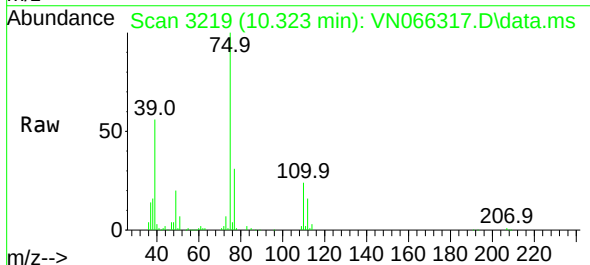
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

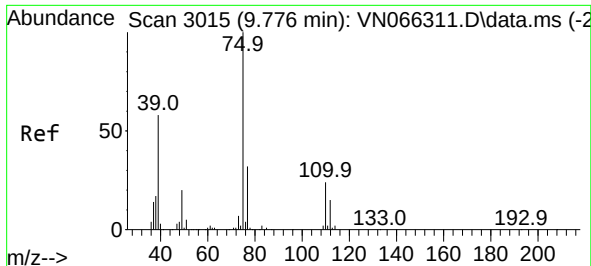
Tgt Ion: 43 Resp: 97097
Ion Ratio Lower Upper
43 100
55 21.9 17.7 26.5



#48
t-1,3-Dichloropropene
Concen: 19.25 ug/l
RT: 10.323 min Scan# 3219
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 75 Resp: 149822
Ion Ratio Lower Upper
75 100
77 30.4 24.9 37.3

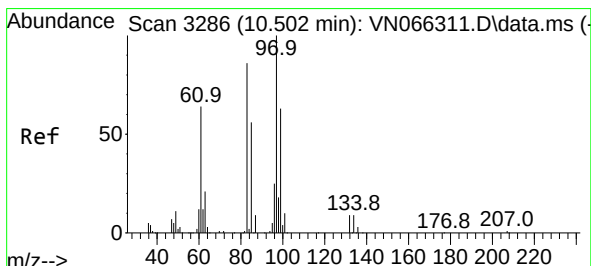
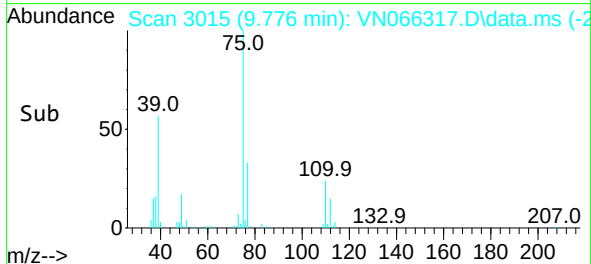
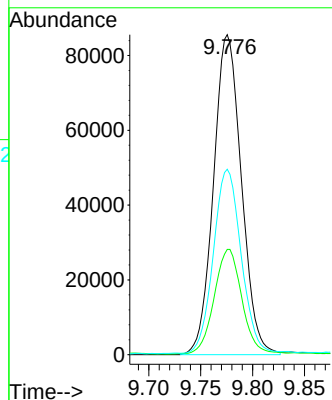
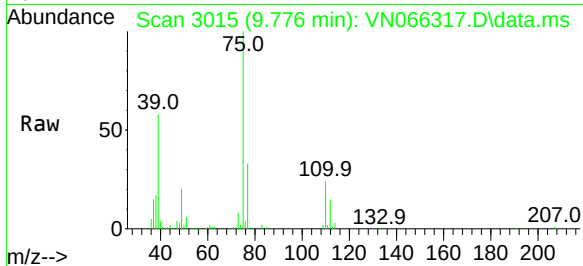




#49
 cis-1,3-Dichloropropene
 Concen: 19.12 ug/l
 RT: 9.776 min Scan# 3015
 Delta R.T. -0.000 min
 Lab File: VN066317.D
 Acq: 24 Mar 2021 19:23

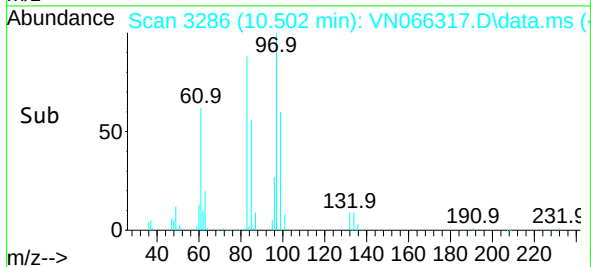
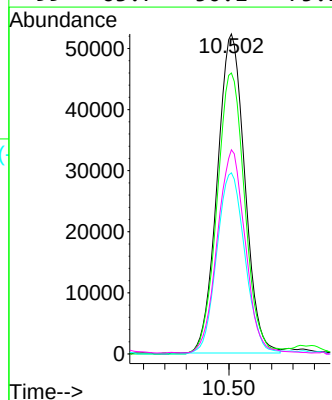
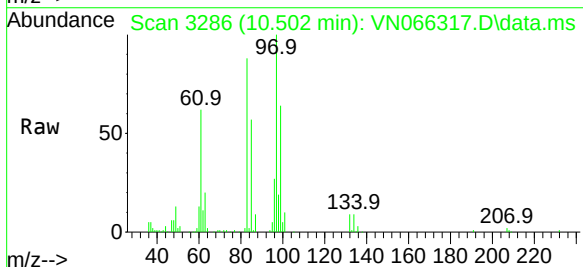
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

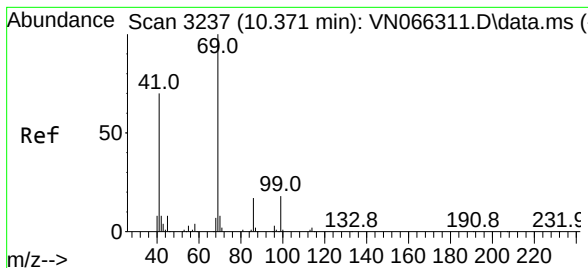
Tgt Ion:	75	Resp:	159960
Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.4	38.0
39	57.5	46.8	70.2



#50
 1,1,2-Trichloroethane
 Concen: 19.28 ug/l
 RT: 10.502 min Scan# 3286
 Delta R.T. 0.000 min
 Lab File: VN066317.D
 Acq: 24 Mar 2021 19:23

Tgt Ion:	97	Resp:	93386
Ion	Ratio	Lower	Upper
97	100		
83	88.1	68.8	103.2
85	56.8	44.8	67.2
99	63.7	50.1	75.1

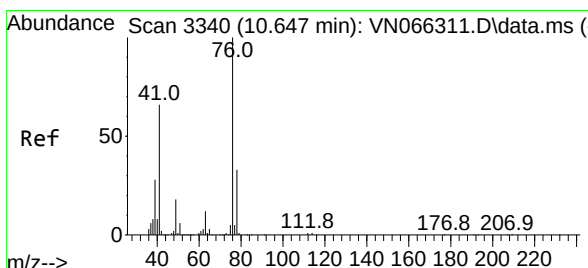
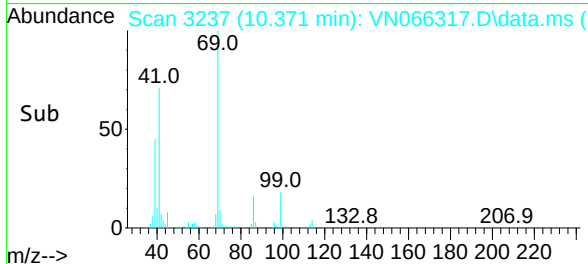
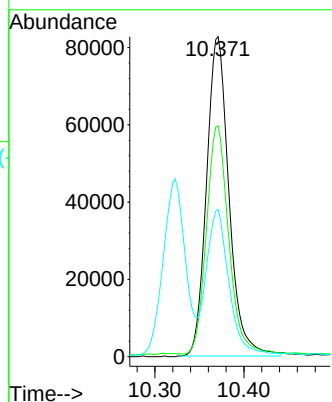
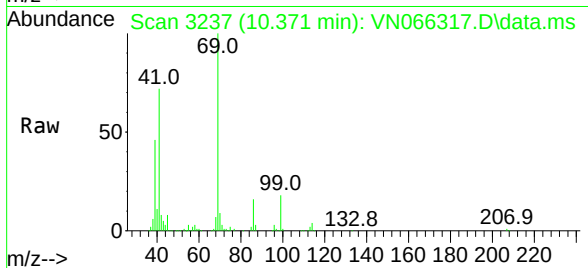




#51
Ethyl methacrylate
Concen: 19.07 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

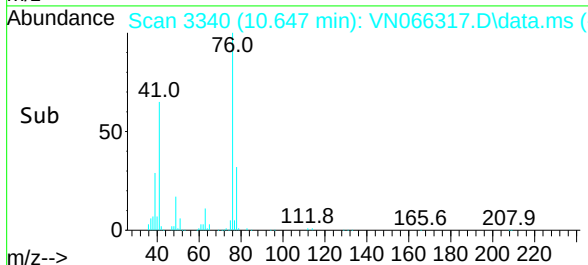
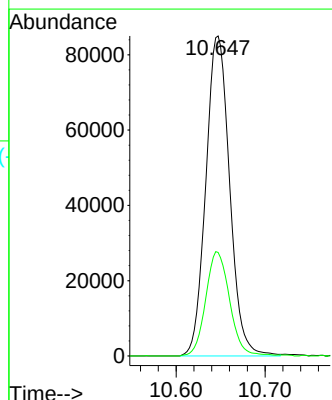
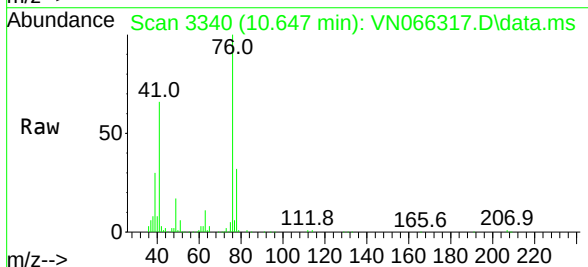
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

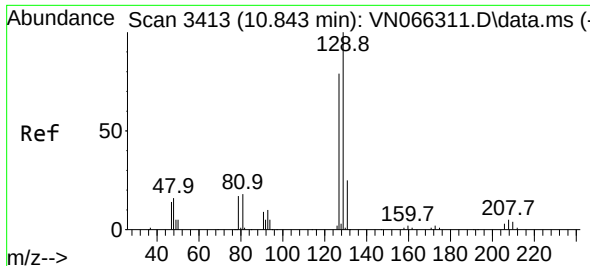
Tgt Ion: 69 Resp: 144590
Ion Ratio Lower Upper
69 100
41 71.4 34.8 104.5
39 45.1 22.5 67.5



#52
1,3-Dichloropropane
Concen: 19.58 ug/l
RT: 10.647 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 76 Resp: 158154
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.6

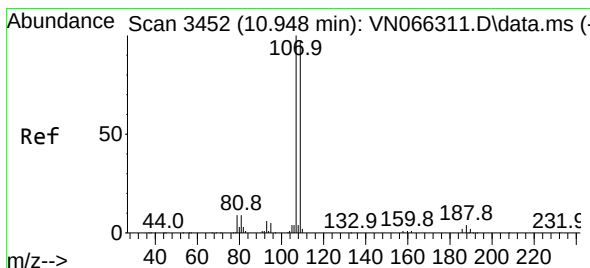
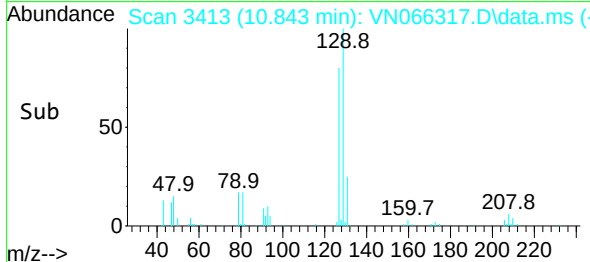
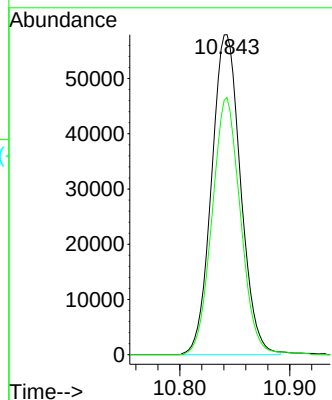
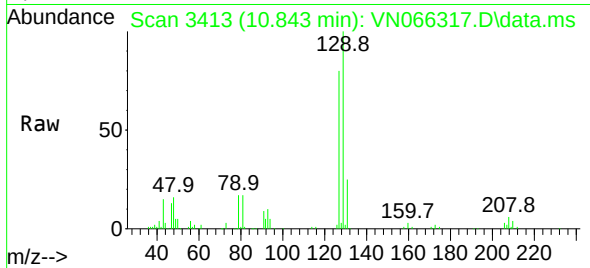




#53
Dibromochloromethane
Concen: 19.50 ug/l
RT: 10.843 min Scan# 3413
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

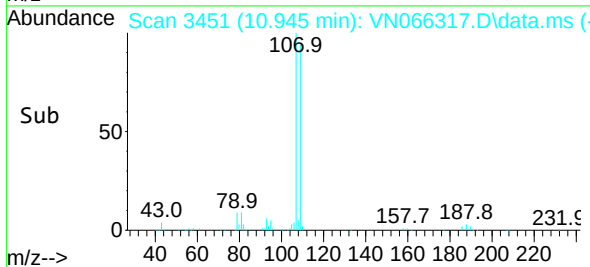
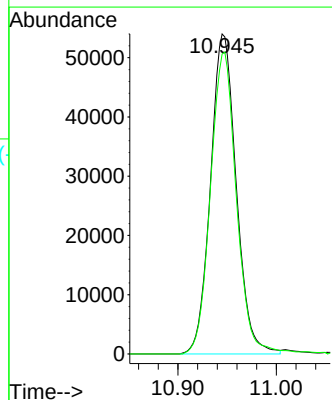
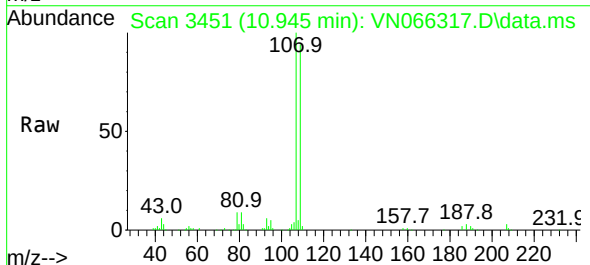
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

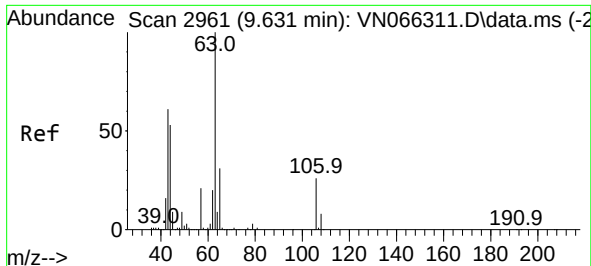
Tgt Ion:129 Resp: 106150
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.7



#54
1,2-Dibromoethane
Concen: 19.70 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion:107 Resp: 98214
Ion Ratio Lower Upper
107 100
109 95.1 75.8 113.6

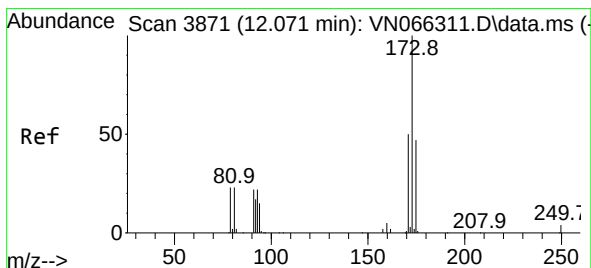
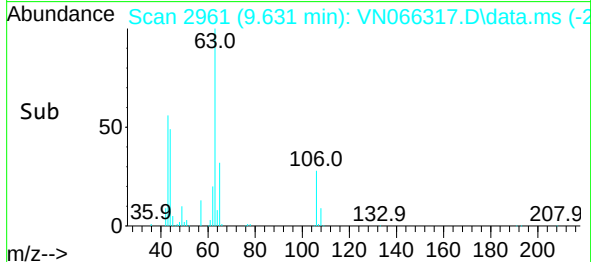
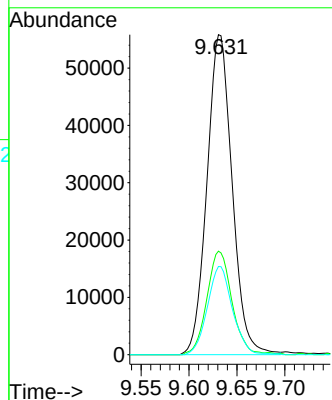
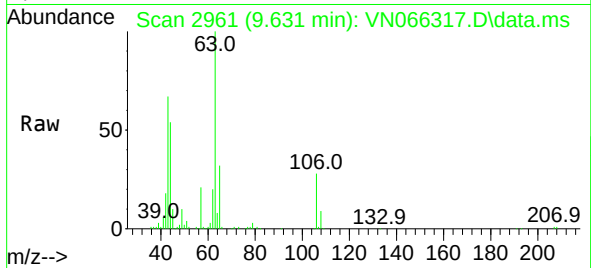




#55
2-Chloroethyl vinyl ether
Concen: 90.50 ug/l
RT: 9.631 min Scan# 2961
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

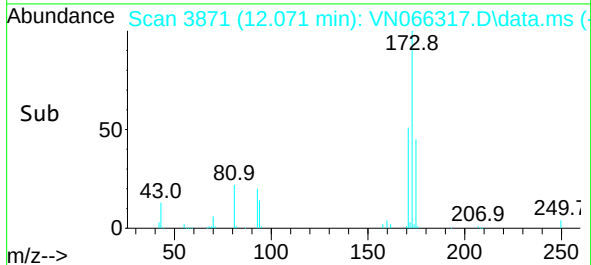
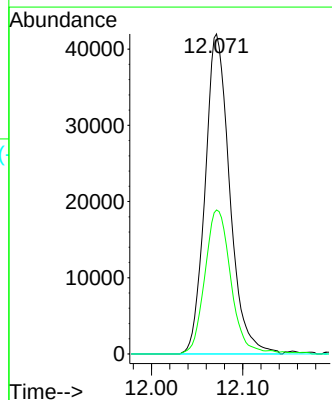
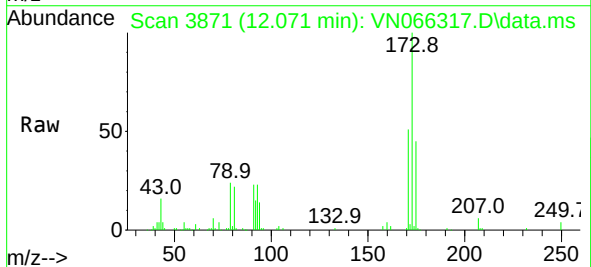
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

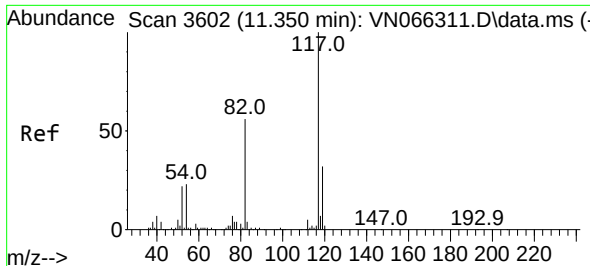
Tgt Ion: 63 Resp: 102012
Ion Ratio Lower Upper
63 100
65 32.0 26.0 39.0
106 27.4 20.6 31.0



#56
Bromoform
Concen: 19.73 ug/l
RT: 12.071 min Scan# 3871
Delta R.T. 0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 173 Resp: 78772
Ion Ratio Lower Upper
173 100
175 47.2 38.3 57.5
254 0.0 0.0 0.0

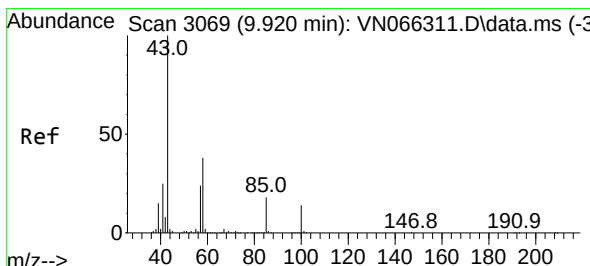
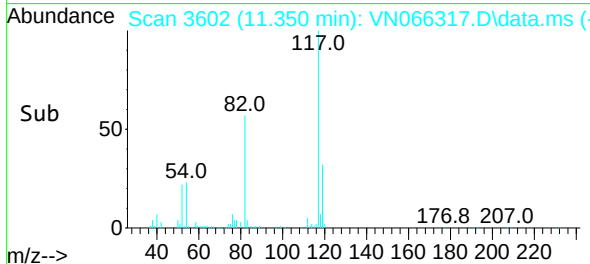
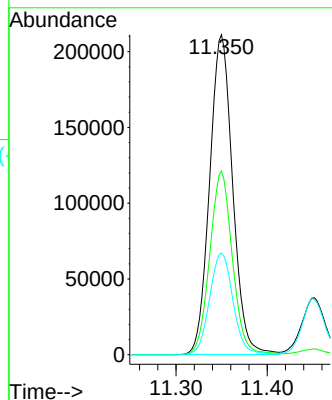
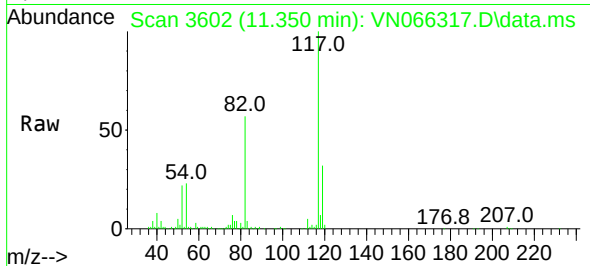




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

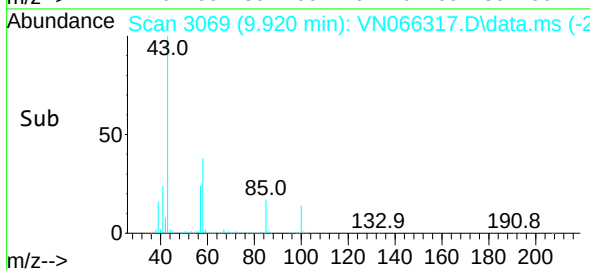
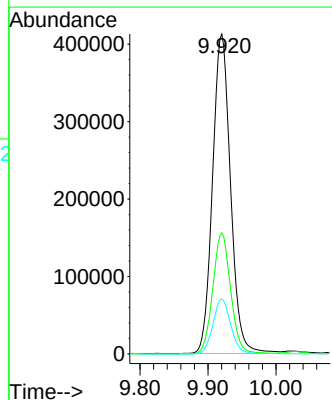
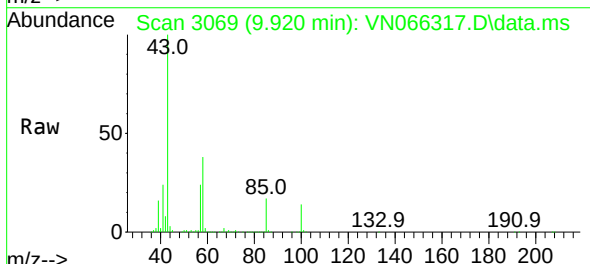
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

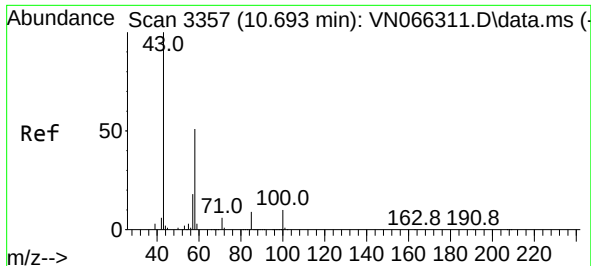
Tgt Ion:117 Resp: 370067
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.6
119 32.4 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 102.31 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. 0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 43 Resp: 758573
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6
85 17.0 13.8 20.8

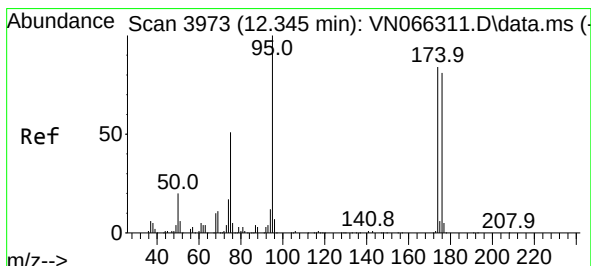
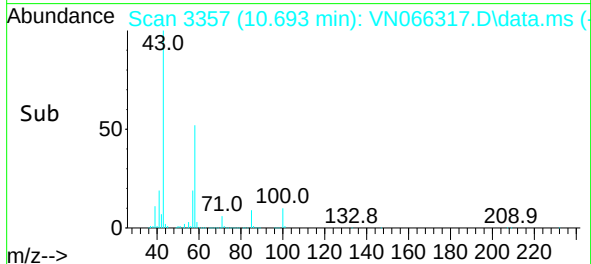
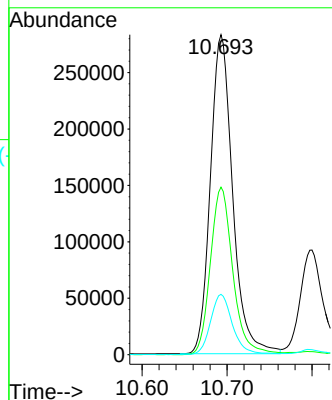
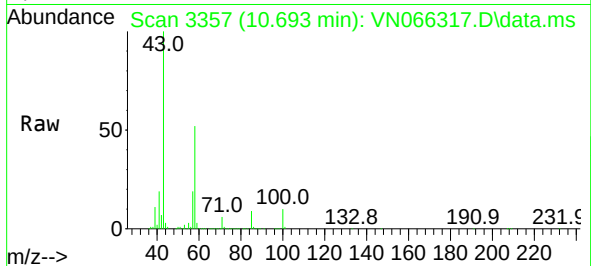




#59
2-Hexanone
Concen: 100.93 ug/l
RT: 10.693 min Scan# 3357
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

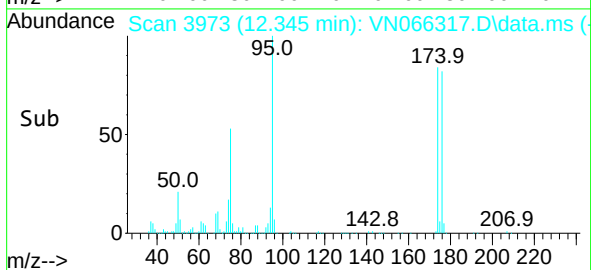
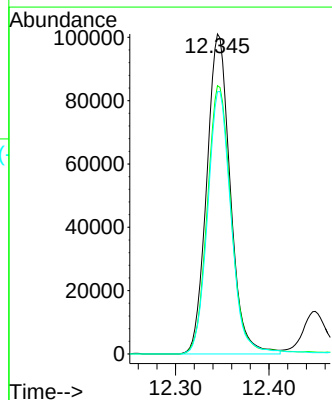
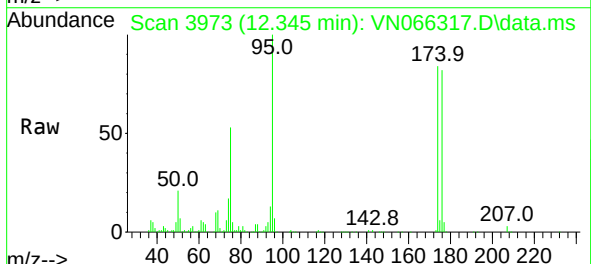
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

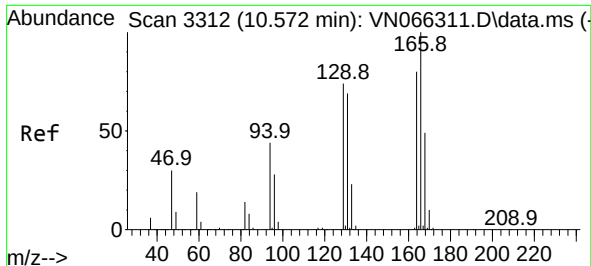
Tgt Ion: 43	Resp: 514965
Ion Ratio	Lower Upper
43 100	
58 53.0	41.8 62.6
57 18.7	14.9 22.3



#60
4-Bromofluorobenzene
Concen: 30.60 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 95	Resp: 176718
Ion Ratio	Lower Upper
95 100	
174 85.5	68.1 102.1
176 81.4	65.4 98.0

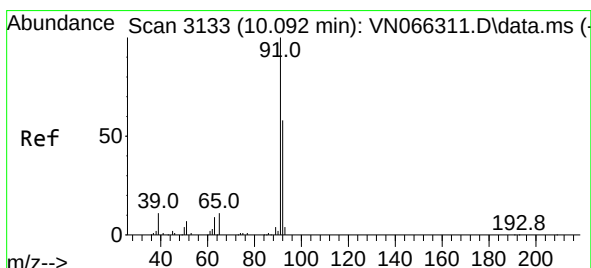
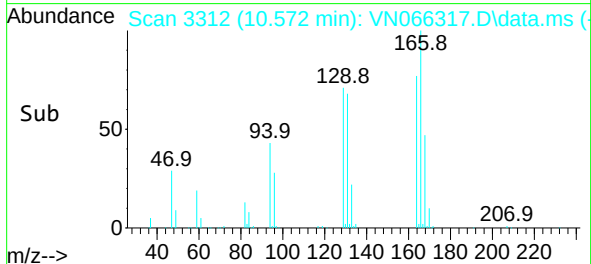
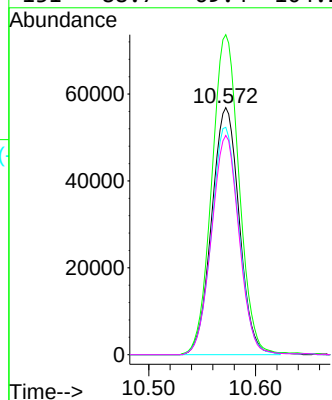
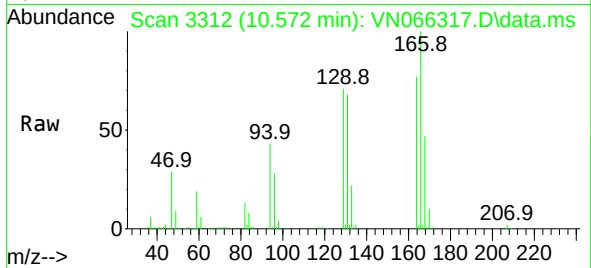




#61
Tetrachloroethene
Concen: 19.98 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. 0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

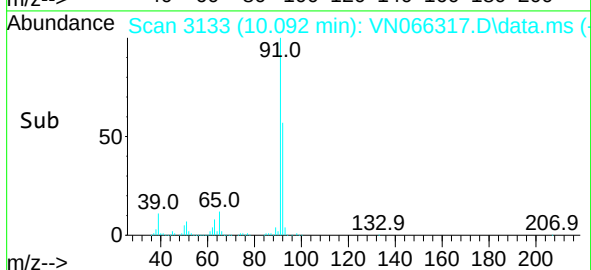
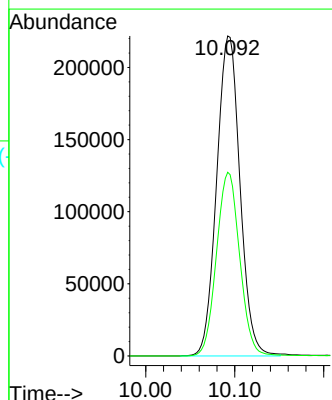
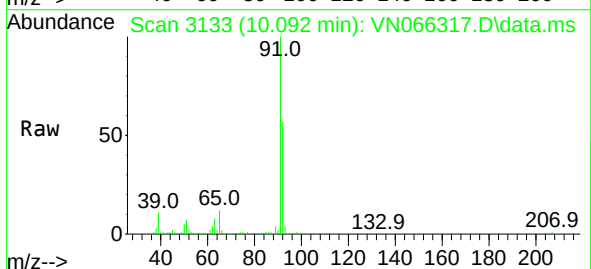
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

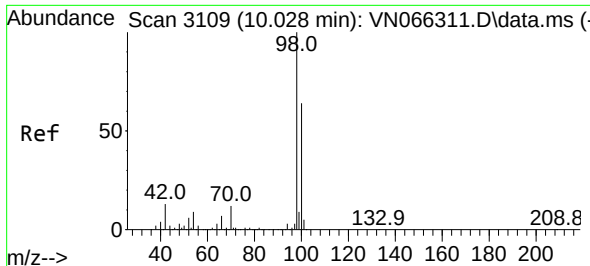
Tgt Ion:164 Resp: 101830
Ion Ratio Lower Upper
164 100
166 129.5 100.5 150.7
129 92.0 74.7 112.1
131 88.7 69.4 104.2



#62
Toluene
Concen: 19.74 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 91 Resp: 404479
Ion Ratio Lower Upper
91 100
92 57.0 46.2 69.2

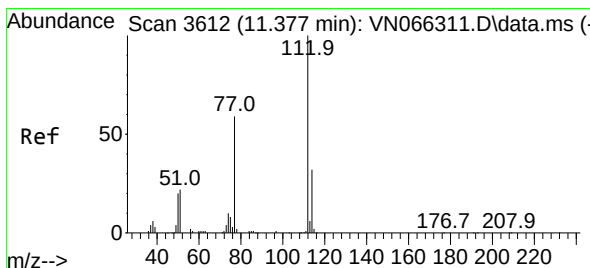
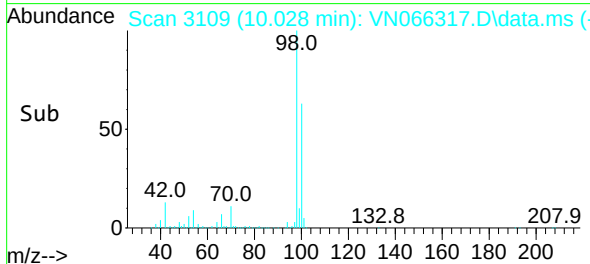
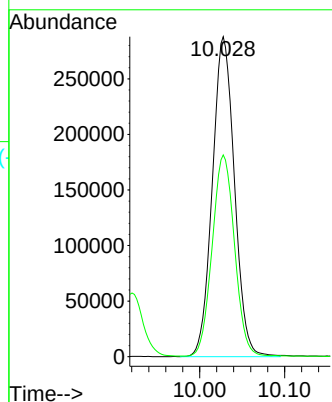
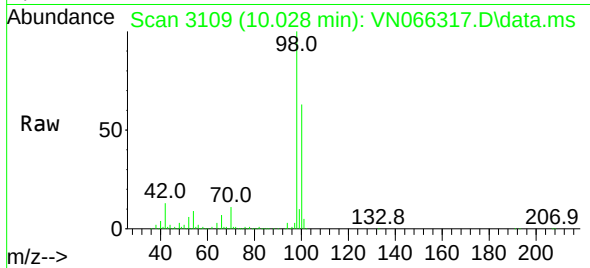




#63
Toluene-d8
Concen: 29.98 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

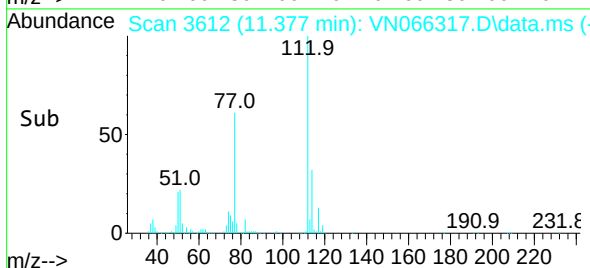
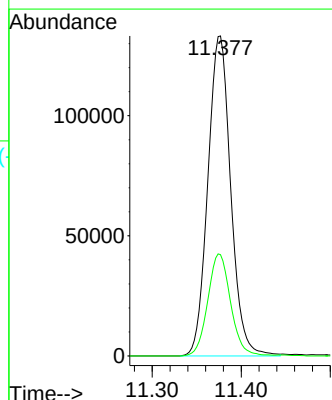
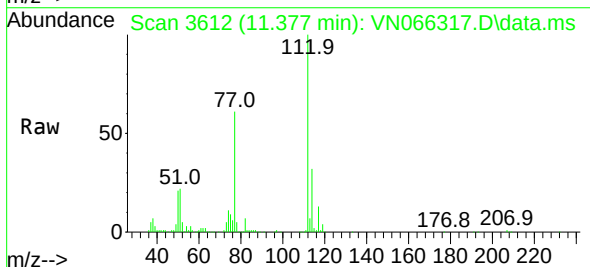
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

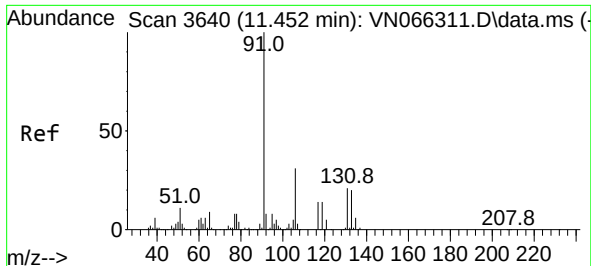
Tgt Ion: 98 Resp: 520710
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7



#64
Chlorobenzene
Concen: 19.78 ug/l
RT: 11.377 min Scan# 3612
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 112 Resp: 238107
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4

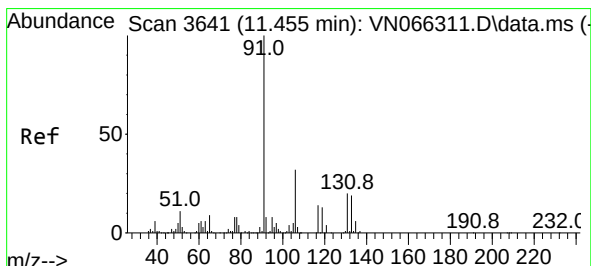
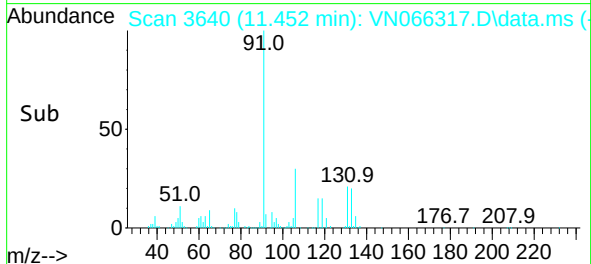
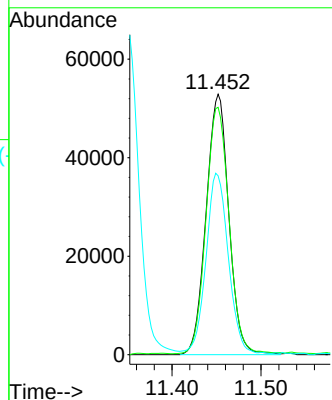
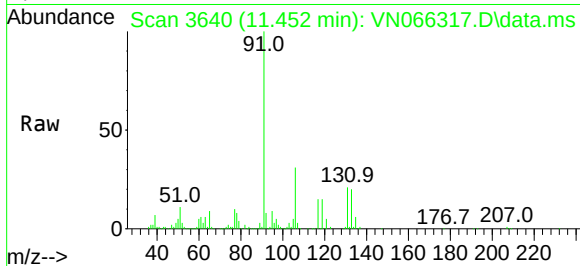




#65
1,1,1,2-Tetrachloroethane
Concen: 19.85 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

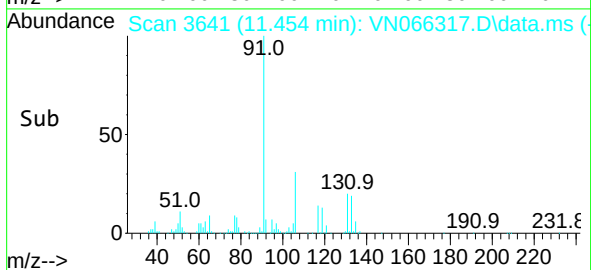
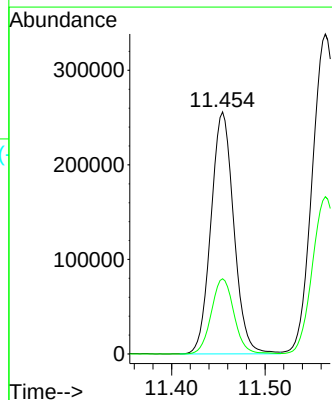
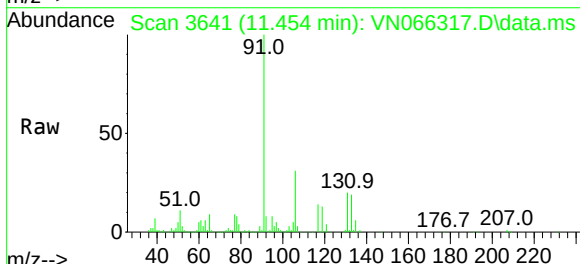
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

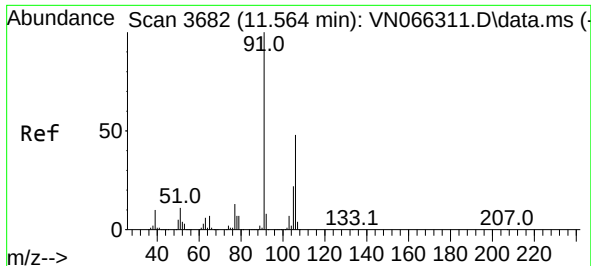
Tgt Ion:131 Resp: 93727
Ion Ratio Lower Upper
131 100
133 96.0 0.0 188.4
119 68.1 0.0 134.4



#66
Ethyl Benzene
Concen: 19.68 ug/l
RT: 11.454 min Scan# 3641
Delta R.T. -0.001 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 91 Resp: 434301
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

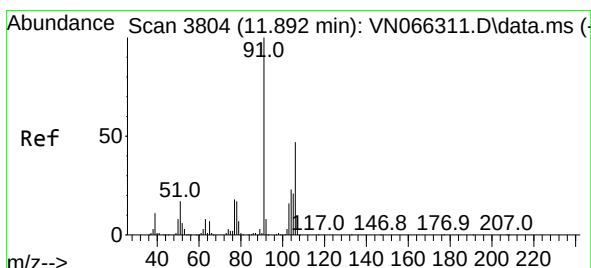
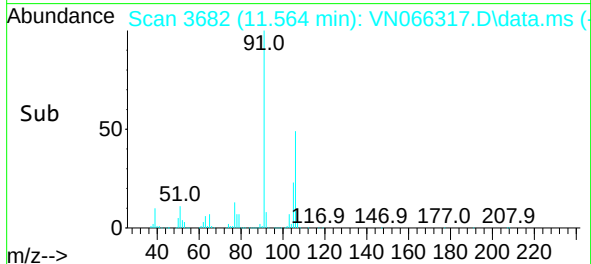
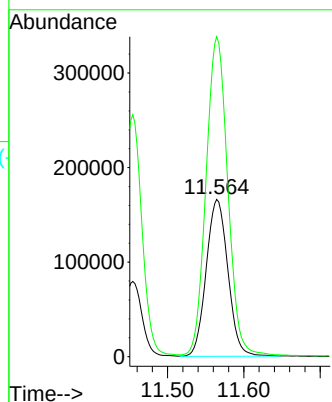
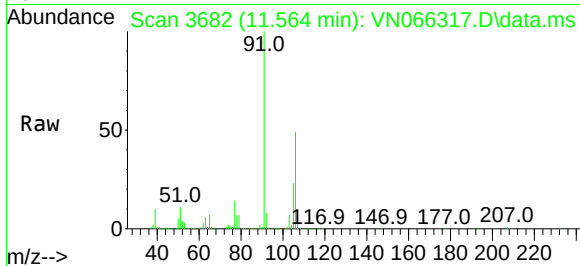




#67
m/p-Xylenes
Concen: 40.02 ug/l
RT: 11.564 min Scan# 3682
Delta R.T. 0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

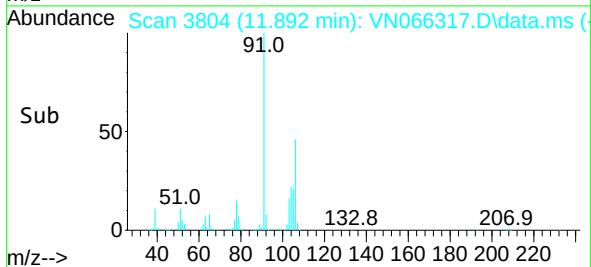
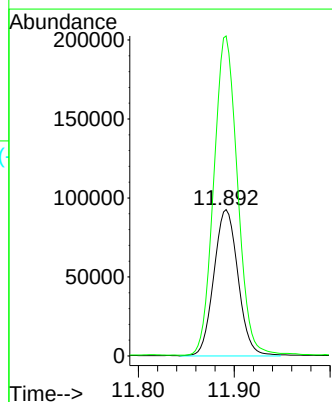
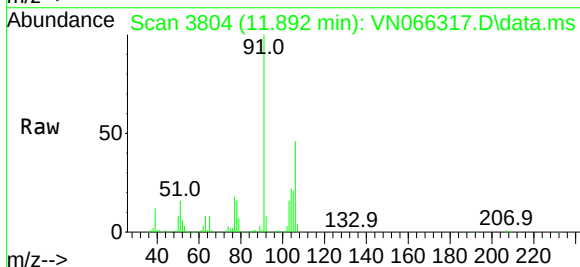
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

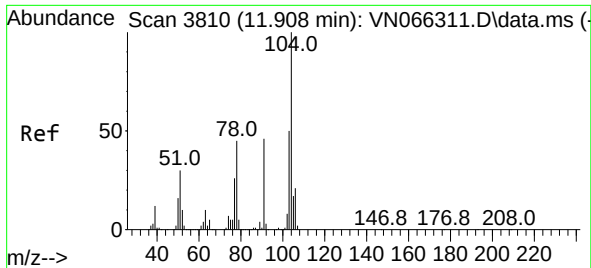
Tgt Ion:106 Resp: 328256
Ion Ratio Lower Upper
106 100
91 202.6 164.8 247.2



#68
o-Xylene
Concen: 20.07 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion:106 Resp: 162461
Ion Ratio Lower Upper
106 100
91 213.0 107.1 321.4

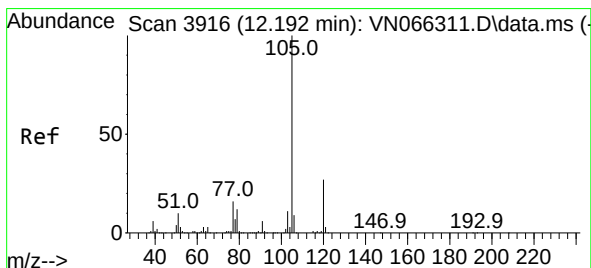
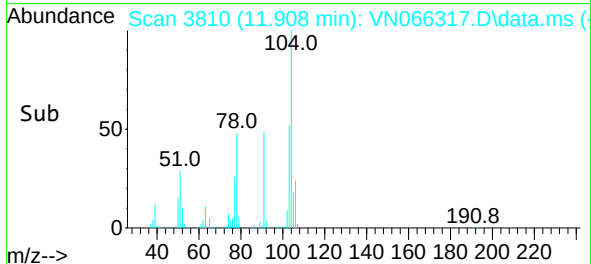
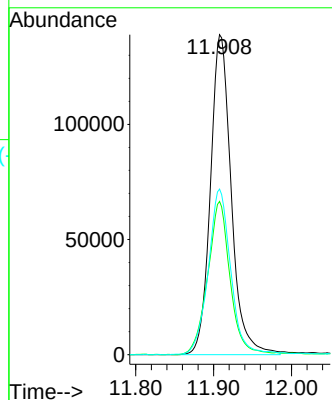
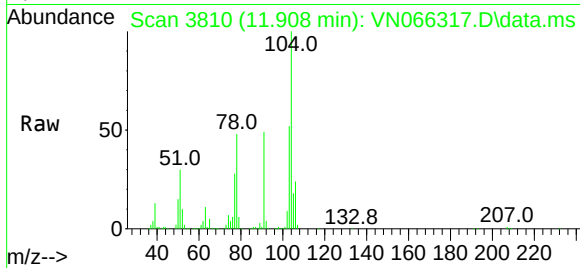




#69
Styrene
Concen: 19.90 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

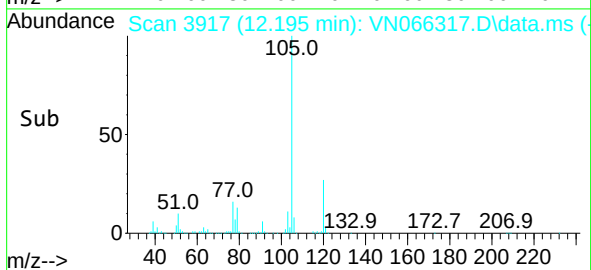
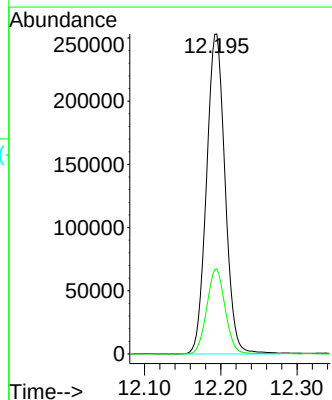
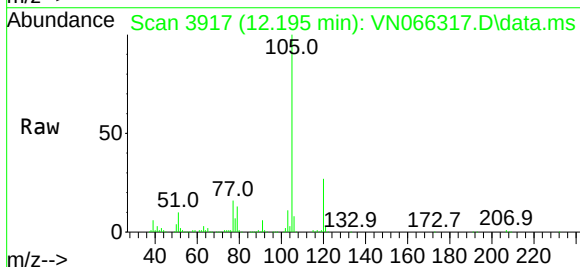
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

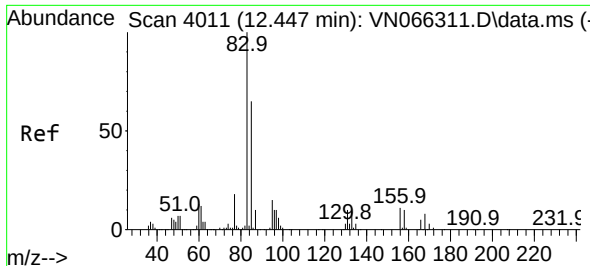
Tgt Ion:104 Resp: 258150
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 55.0 43.7 65.5



#70
Isopropylbenzene
Concen: 20.08 ug/l
RT: 12.195 min Scan# 3917
Delta R.T. 0.003 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion:105 Resp: 427708
Ion Ratio Lower Upper
105 100
120 26.2 18.7 34.7

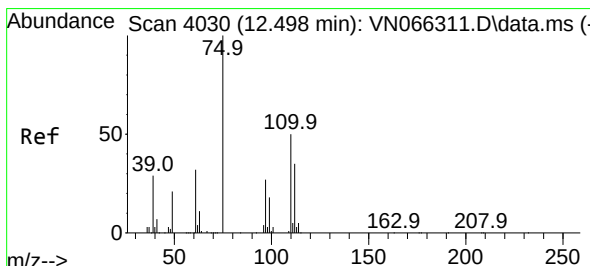
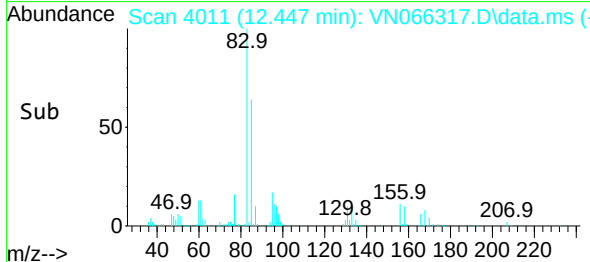
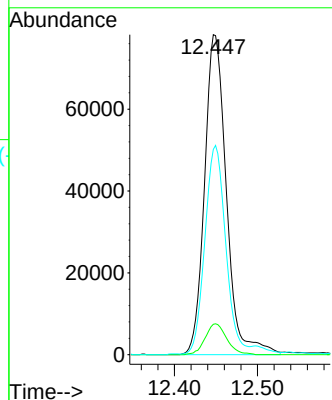
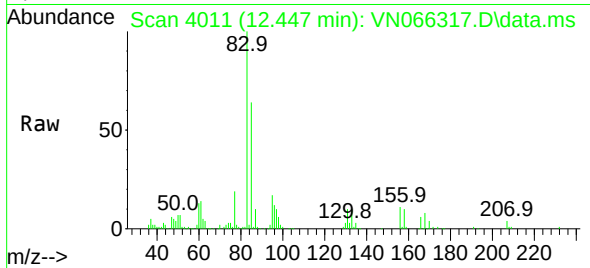




#71
1,1,2,2-Tetrachloroethane
Concen: 20.97 ug/l
RT: 12.447 min Scan# 4011
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

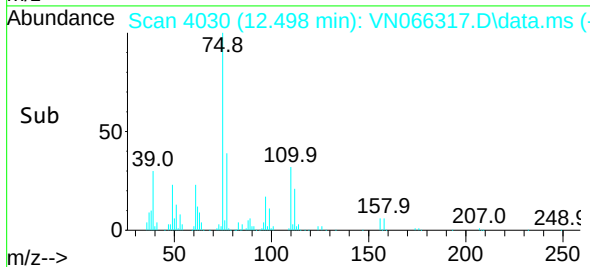
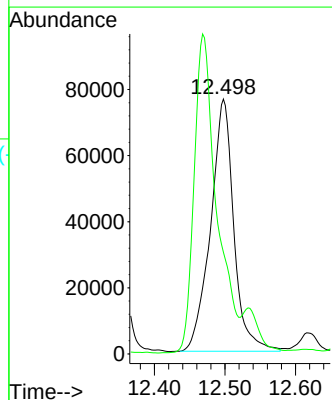
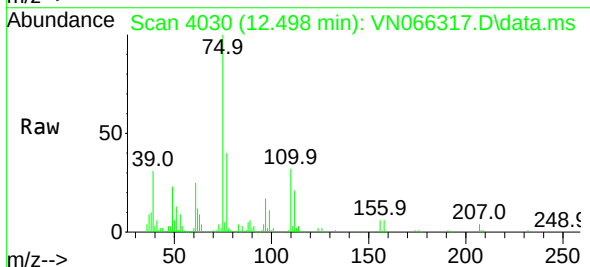
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

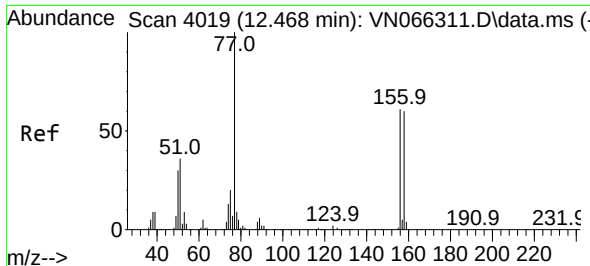
Tgt Ion: 83 Resp: 143028
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 61.7 31.4 94.2



#72
1,2,3-Trichloropropane
Concen: 26.50 ug/l
RT: 12.498 min Scan# 4030
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 75 Resp: 174508
Ion Ratio Lower Upper
75 100
77 123.0 0.0 313.6

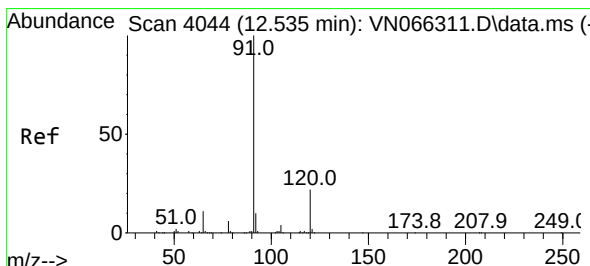
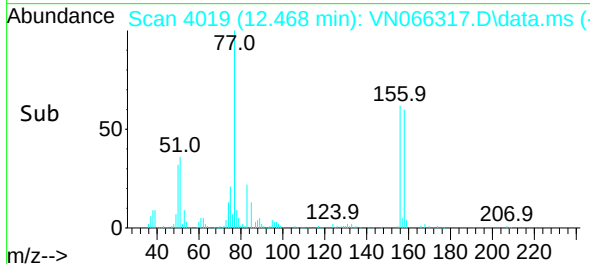
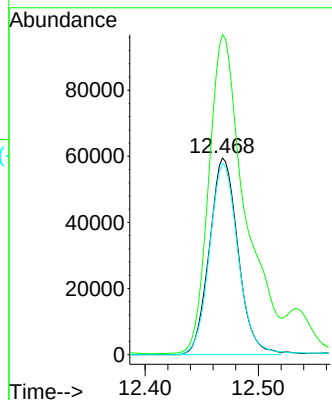
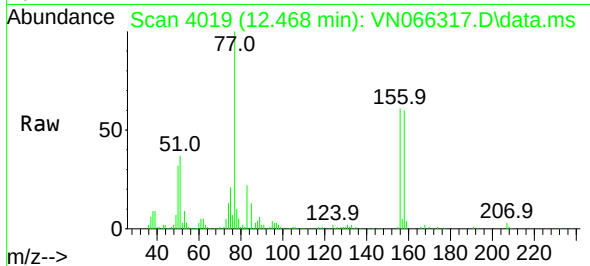




#73
Bromobenzene
Concen: 19.89 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

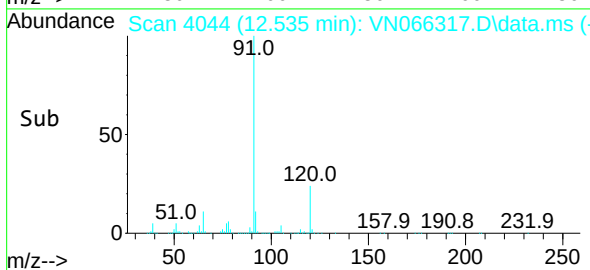
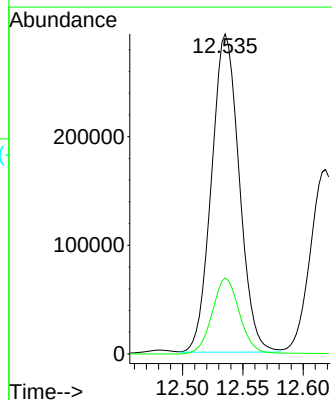
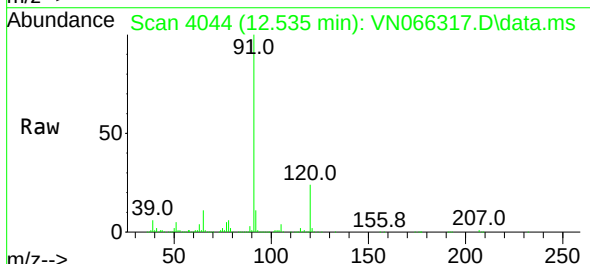
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

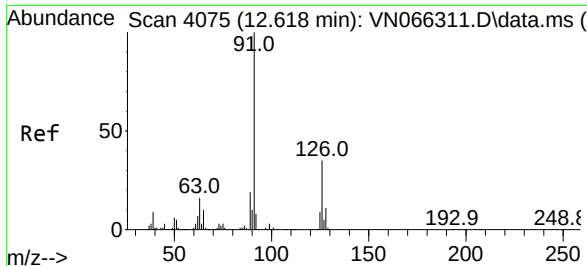
Tgt Ion:156 Resp: 104397
Ion Ratio Lower Upper
156 100
77 205.7 0.0 399.6
158 97.6 0.0 192.8



#74
n-propylbenzene
Concen: 19.93 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 91 Resp: 469246
Ion Ratio Lower Upper
91 100
120 23.6 0.0 45.2

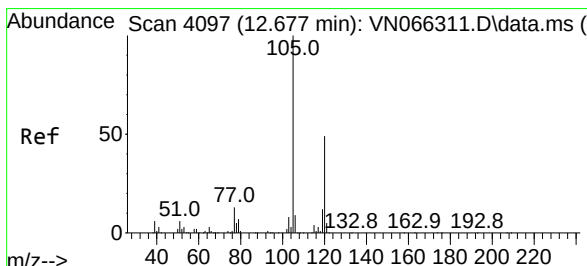
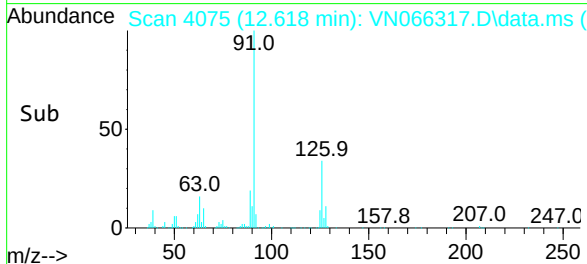
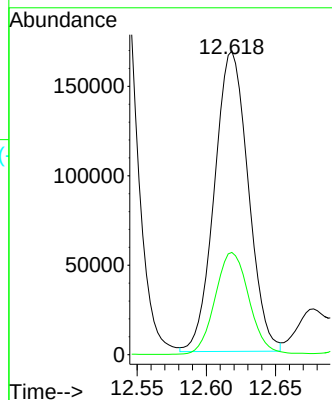
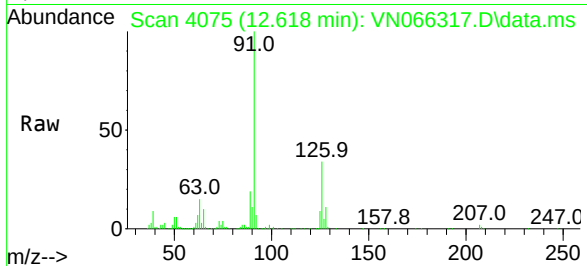




#75
2-Chlorotoluene
Concen: 20.00 ug/l
RT: 12.618 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

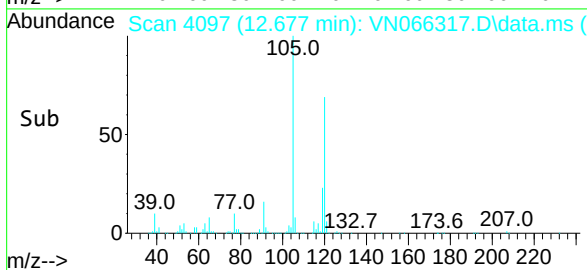
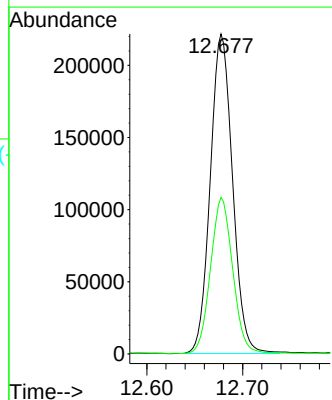
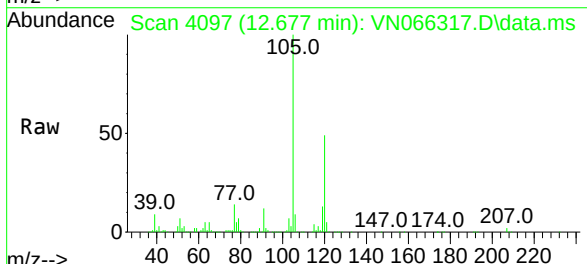
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

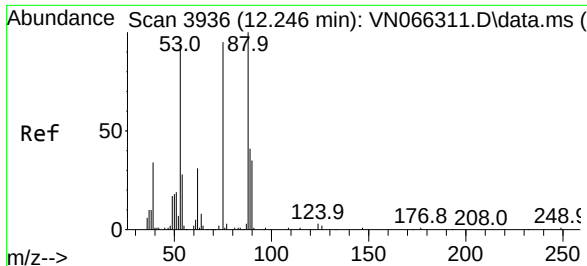
Tgt Ion: 91 Resp: 285126
Ion Ratio Lower Upper
91 100
126 34.1 0.0 68.6



#76
1,3,5-Trimethylbenzene
Concen: 20.39 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 105 Resp: 357407
Ion Ratio Lower Upper
105 100
120 48.3 0.0 98.2

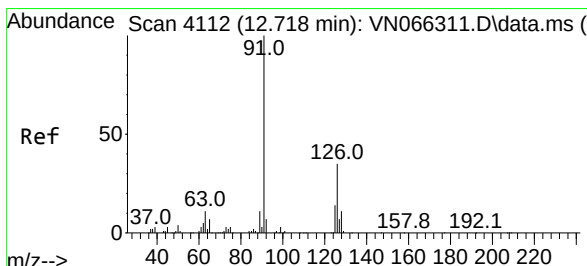
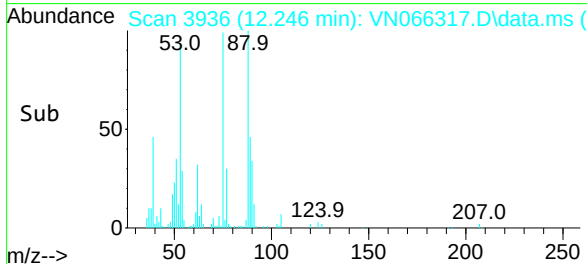
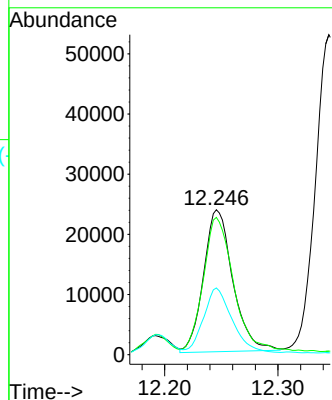
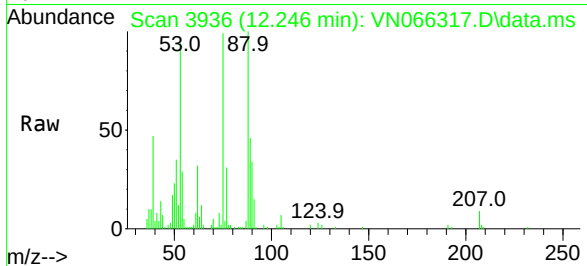




#77
t-1,4-Dichloro-2-butene
Concen: 19.86 ug/l
RT: 12.246 min Scan# 3936
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

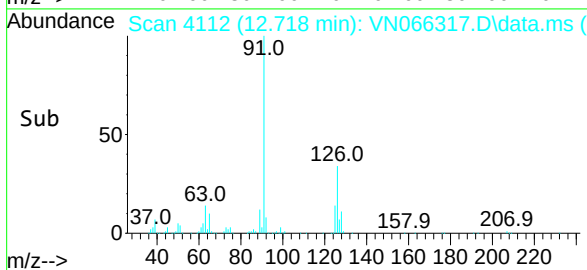
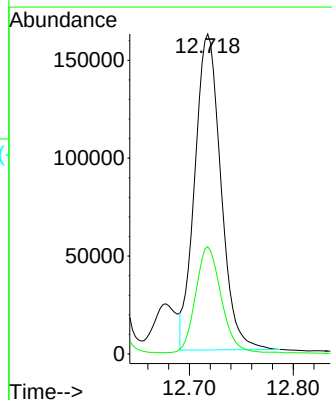
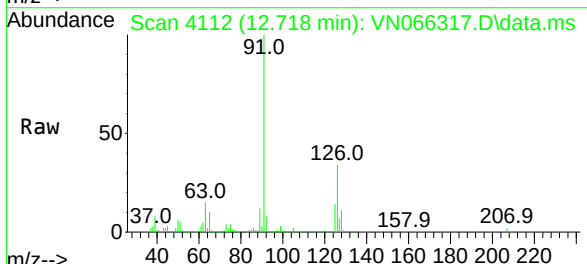
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

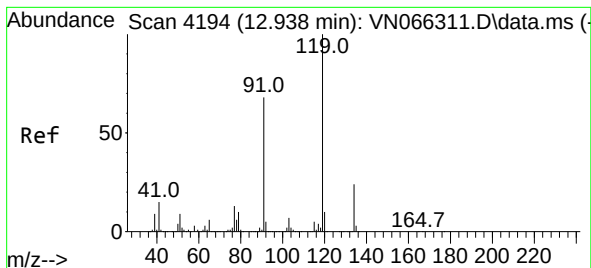
Tgt Ion: 75 Resp: 42429
Ion Ratio Lower Upper
75 100
53 94.9 49.6 149.0
89 46.3 22.9 68.7



#78
4-Chlorotoluene
Concen: 20.15 ug/l
RT: 12.718 min Scan# 4112
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 91 Resp: 281805
Ion Ratio Lower Upper
91 100
126 32.9 0.0 65.4

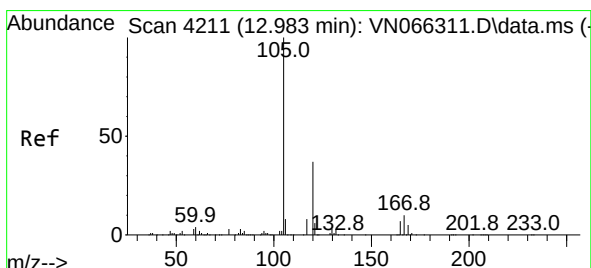
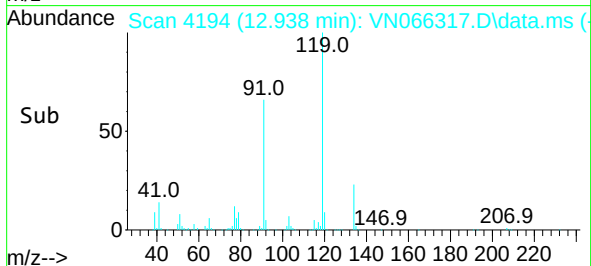
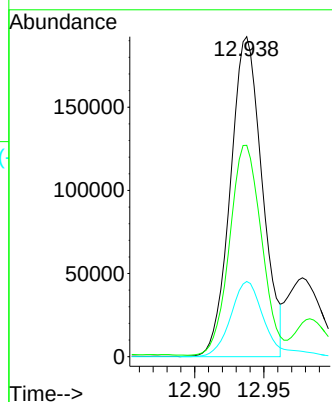
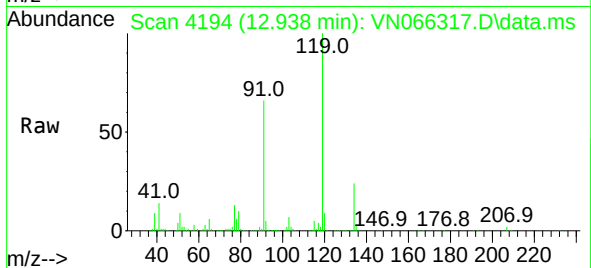




#79
tert-butylbenzene
Concen: 20.18 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

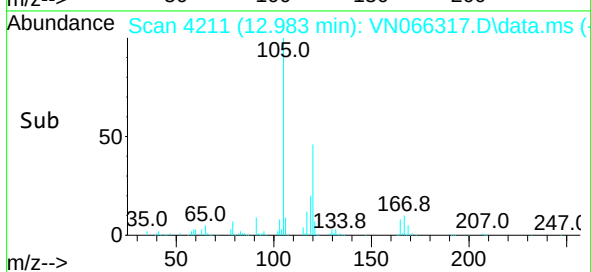
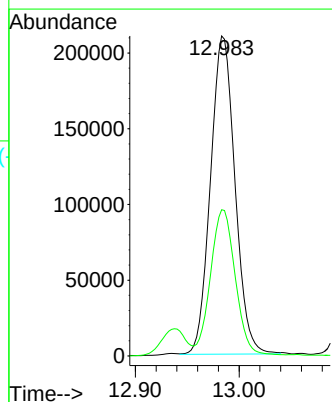
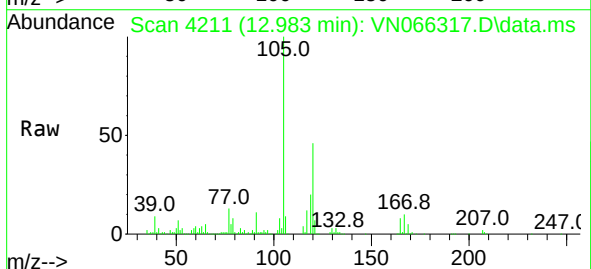
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

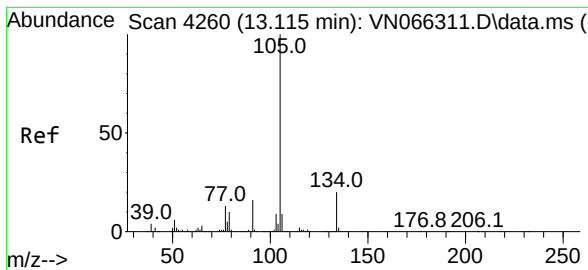
Tgt Ion:119 Resp: 307485
Ion Ratio Lower Upper
119 100
91 65.9 0.0 133.4
134 25.3 0.0 51.0



#80
1,2,4-Trimethylbenzene
Concen: 20.24 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion:105 Resp: 344238
Ion Ratio Lower Upper
105 100
120 45.9 0.0 90.6

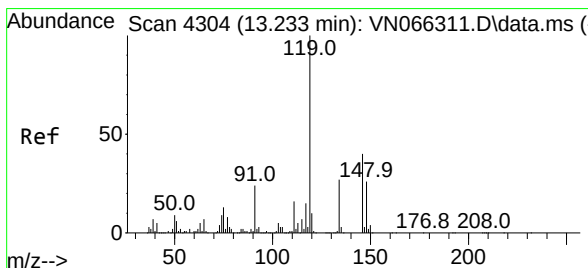
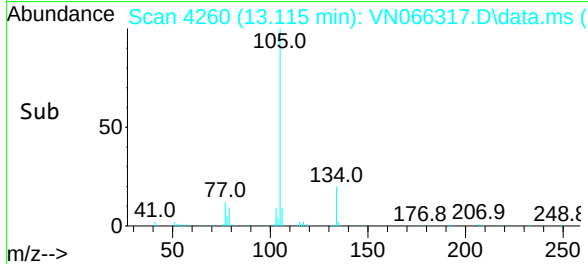
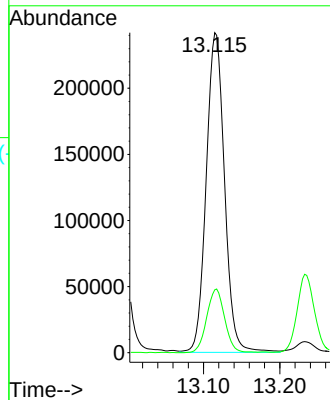
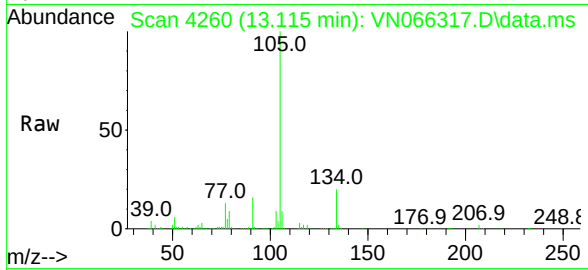




#81
 sec-Butylbenzene
 Concen: 20.72 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. -0.000 min
 Lab File: VN066317.D
 Acq: 24 Mar 2021 19:23

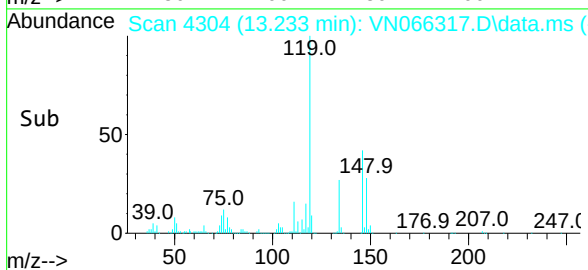
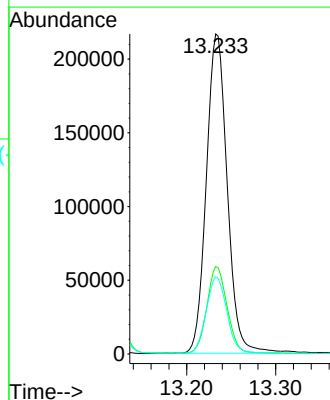
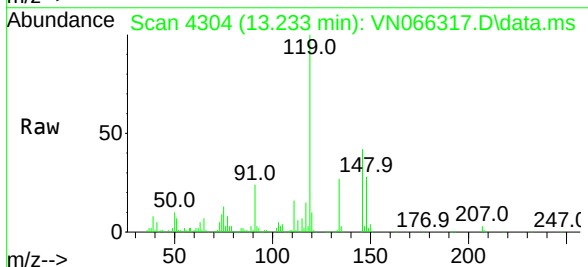
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

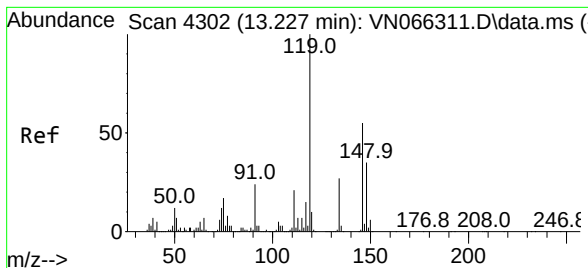
Tgt Ion:105 Resp: 403152
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 20.57 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. -0.000 min
 Lab File: VN066317.D
 Acq: 24 Mar 2021 19:23

Tgt Ion:119 Resp: 352403
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.4
 91 23.6 0.0 47.6

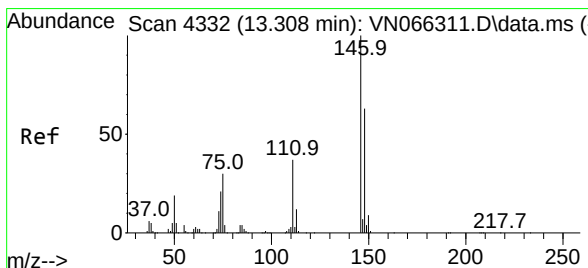
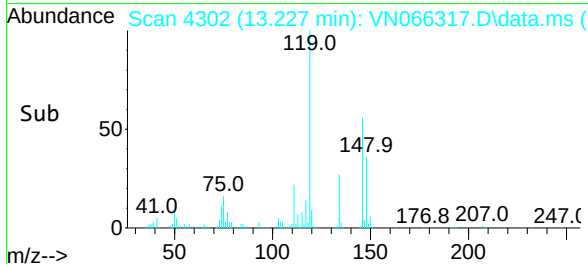
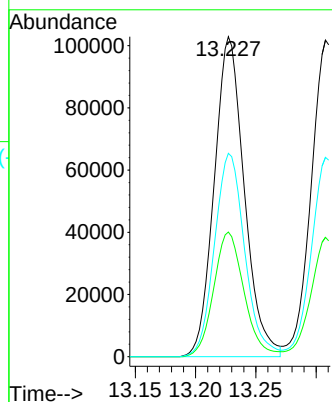
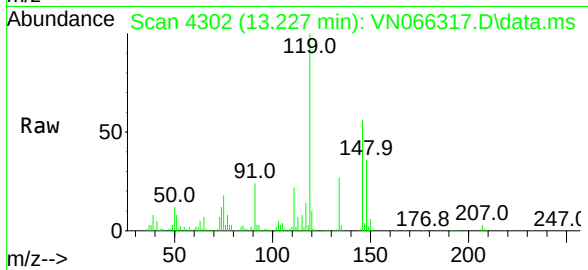




#83
1,3-Dichlorobenzene
Concen: 20.74 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

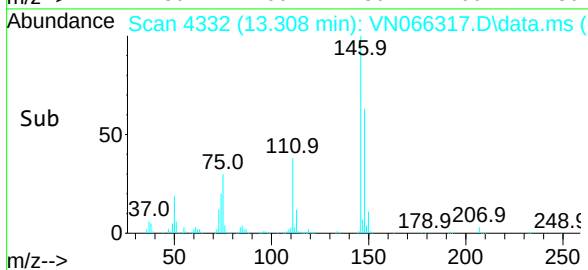
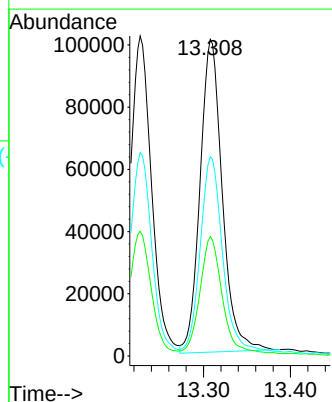
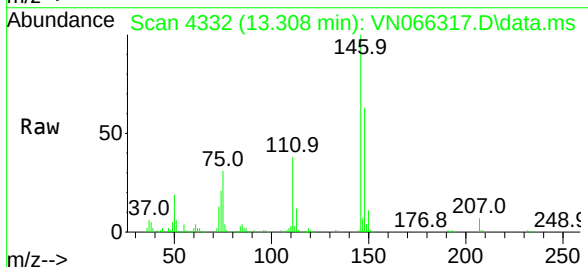
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

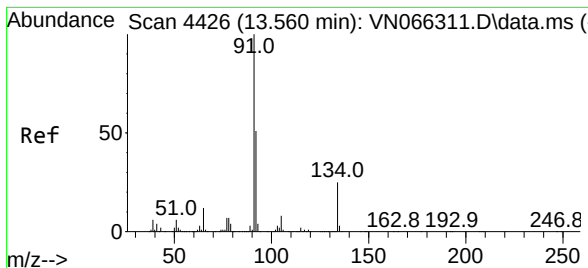
Tgt Ion:146 Resp: 178597
Ion Ratio Lower Upper
146 100
111 39.2 19.3 57.9
148 63.9 31.9 95.9



#84
1,4-Dichlorobenzene
Concen: 21.36 ug/l
RT: 13.308 min Scan# 4332
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion:146 Resp: 178971
Ion Ratio Lower Upper
146 100
111 37.0 18.4 55.0
148 64.1 31.9 95.5

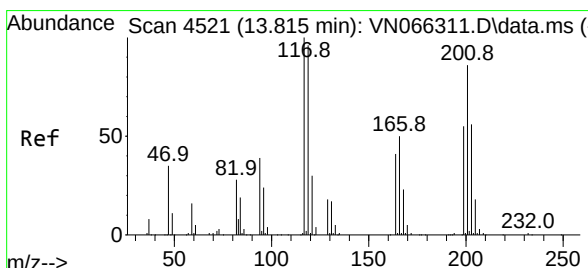
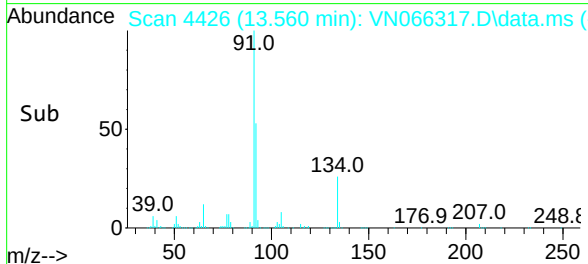
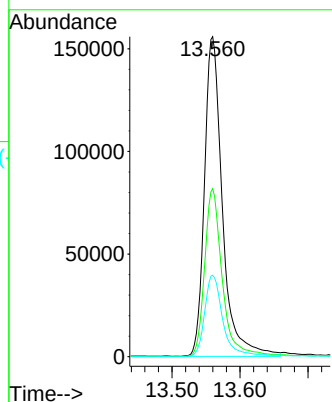
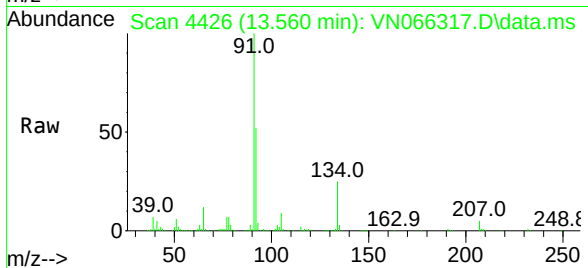




#85
n-Butylbenzene
Concen: 20.48 ug/l
RT: 13.560 min Scan# 4426
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

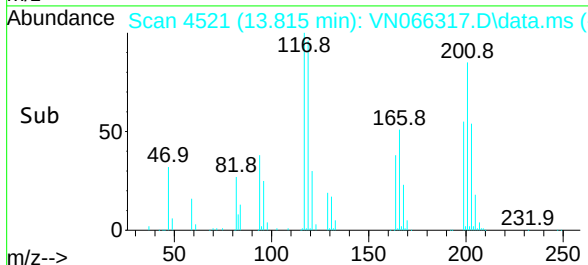
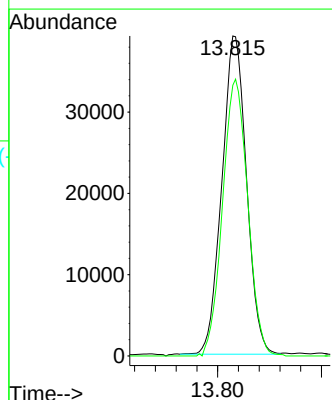
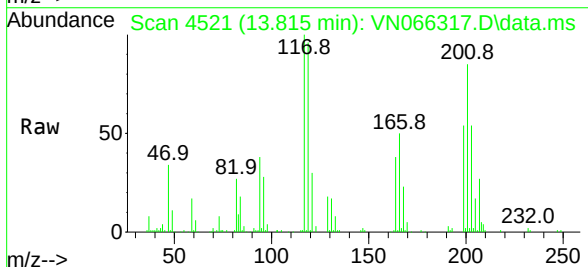
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

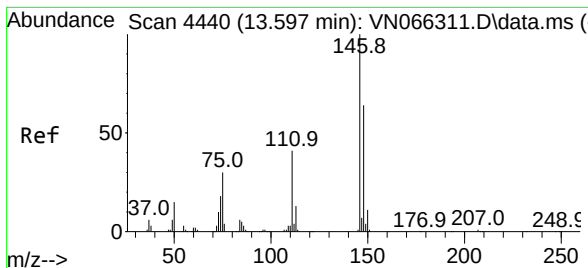
Tgt Ion: 91 Resp: 286247
Ion Ratio Lower Upper
91 100
92 52.2 0.0 102.6
134 25.2 0.0 49.0



#86
Hexachloroethane
Concen: 20.38 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 117 Resp: 64488
Ion Ratio Lower Upper
117 100
201 88.7 43.3 129.8

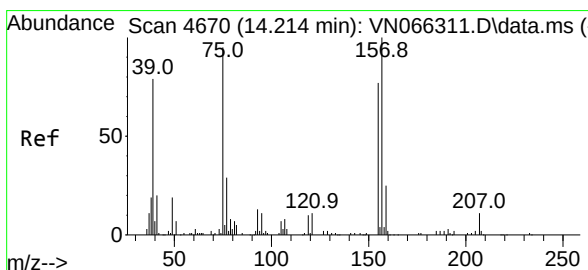
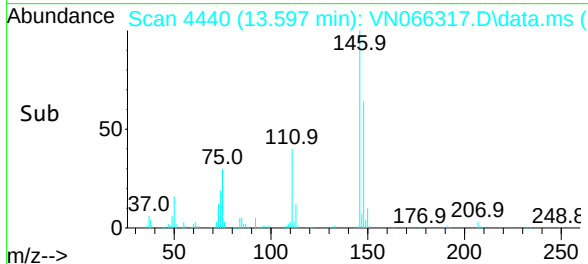
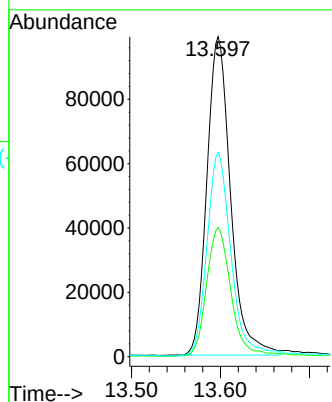
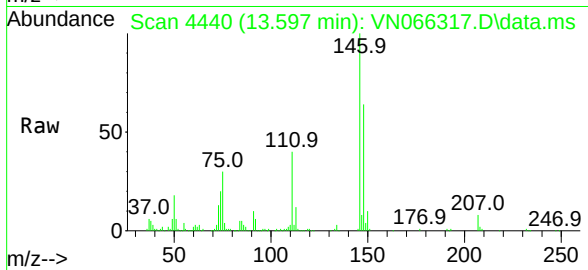




#87
1,2-Dichlorobenzene
Concen: 21.48 ug/l
RT: 13.597 min Scan# 4440
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

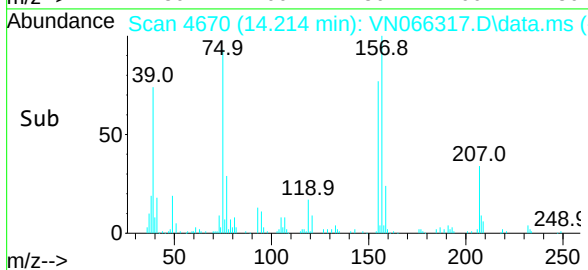
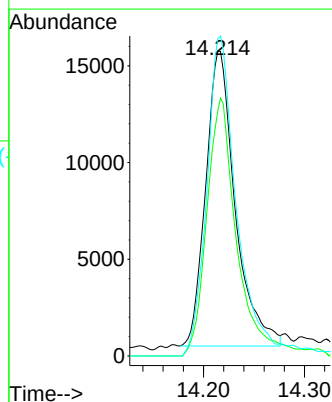
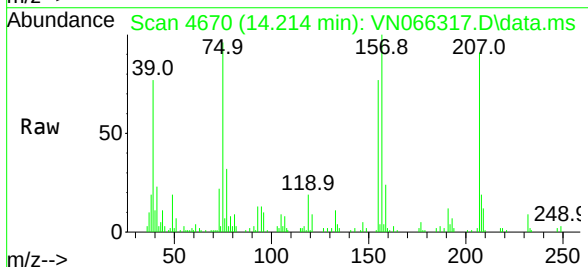
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

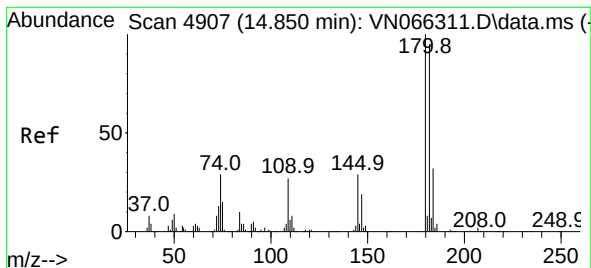
Tgt Ion:146 Resp: 182969
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 64.2 32.0 96.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.22 ug/l
RT: 14.214 min Scan# 4670
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion: 75 Resp: 30924
Ion Ratio Lower Upper
75 100
155 88.3 68.3 102.5
157 107.9 87.8 131.6





#89

1,2,4-Trichlorobenzene

Concen: 21.26 ug/l

RT: 14.852 min Scan# 4908

Delta R.T. 0.003 min

Lab File: VN066317.D

Acq: 24 Mar 2021 19:23

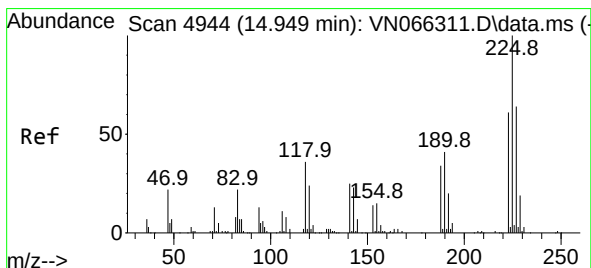
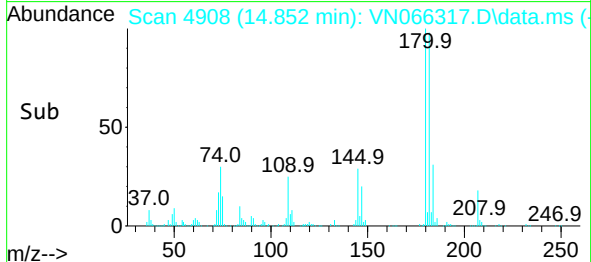
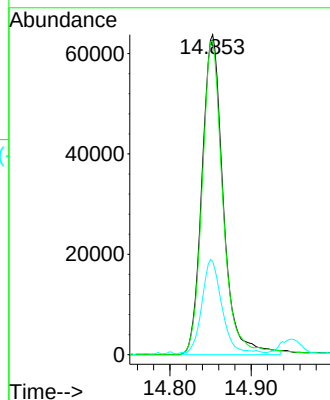
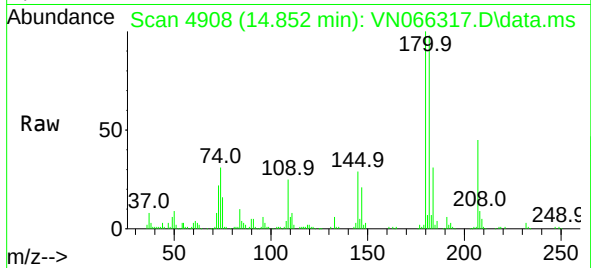
Tgt Ion:180 Resp: 115525

Ion Ratio Lower Upper

180 100

182 94.3 74.3 111.5

145 27.5 23.4 35.0



#90

Hexachlorobutadiene

Concen: 20.69 ug/l

RT: 14.949 min Scan# 4944

Delta R.T. -0.000 min

Lab File: VN066317.D

Acq: 24 Mar 2021 19:23

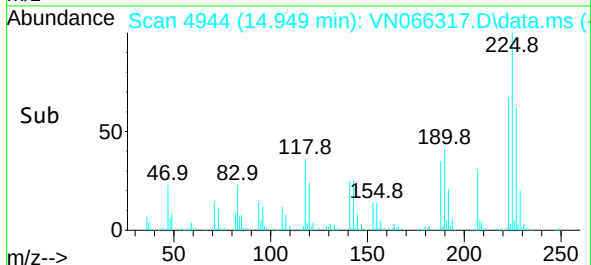
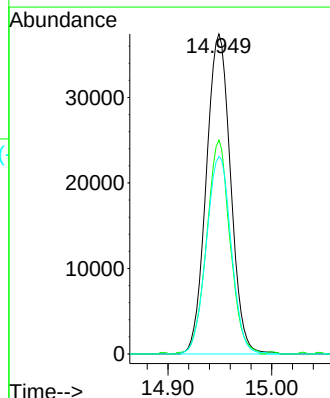
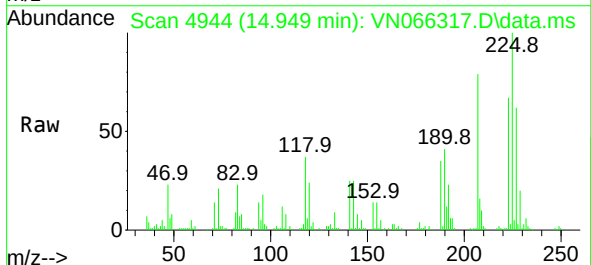
Tgt Ion:225 Resp: 60927

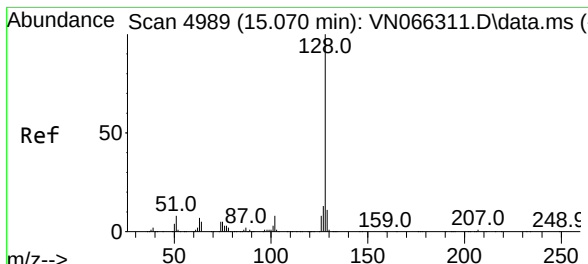
Ion Ratio Lower Upper

225 100

223 64.5 0.0 124.6

227 63.1 0.0 126.6

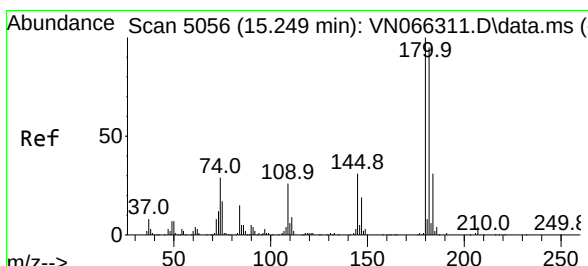
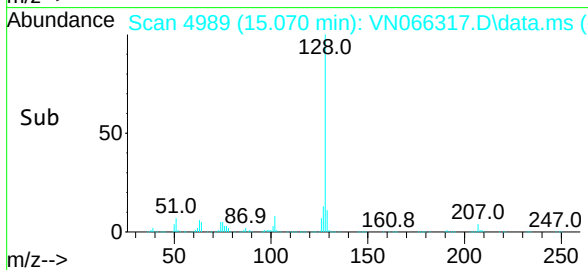
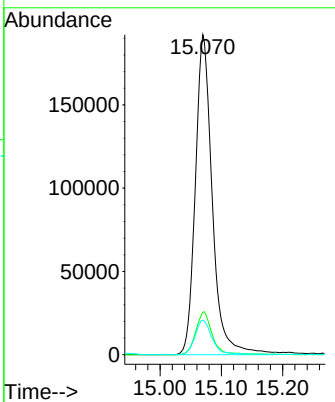
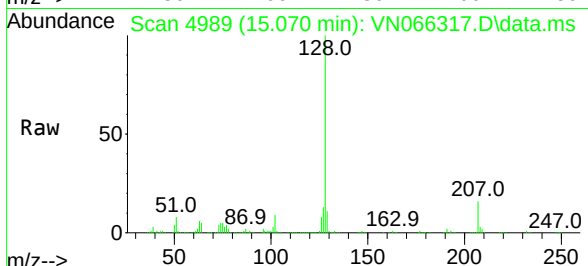




#91
Naphthalene
Concen: 22.30 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:	128	Resp:	368940
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	10.8	8.6	13.0



#92
1,2,3-Trichlorobenzene
Concen: 21.56 ug/l
RT: 15.249 min Scan# 5056
Delta R.T. -0.000 min
Lab File: VN066317.D
Acq: 24 Mar 2021 19:23

Tgt Ion:	180	Resp:	114765
Ion Ratio	Lower	Upper	
180	100		
182	94.6	0.0	190.0
145	29.6	0.0	60.8

