

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066186.D
 Acq On : 12 Mar 2021 17:05
 Operator : JC/MD
 Sample : M1557-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 13 02:41:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	375780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	609115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	543343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	261562	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	308327	50.85	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.70%
35) Dibromofluoromethane	7.509	113	211669	51.50	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.00%
50) Toluene-d8	10.028	98	810896	48.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.44%
62) 4-Bromofluorobenzene	12.345	95	273094	44.60	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.20%

Target Compounds						Qvalue
3) Chloromethane	2.014	50	3847	0.22	ug/l #	85
4) Vinyl Chloride	2.148	62	494651	89.15	ug/l	98
6) Chloroethane	2.658	64	139153	43.22	ug/l	97
11) Tert butyl alcohol	4.720	59	723	0.78	ug/l #	73
12) 1,1-Dichloroethene	3.669	96	3122	0.89	ug/l #	76
13) Acrolein	3.535	56	8307	Below	Cal	87
16) Acetone	3.741	43	2412	Below	Cal	99
19) Methyl tert-butyl Ether	4.943	73	1073824	78.56	ug/l	98
20) Methylene Chloride	4.455	84	261628	58.21	ug/l	95
24) 1,1-Dichloroethane	5.745	63	278354	31.11	ug/l	100
25) 2-Butanone	6.742	43	582685	127.45	ug/l	99
28) Bromochloromethane	7.284	49	55208	10.99	ug/l #	26
30) Chloroform	7.284	83	638540	74.56	ug/l	97
31) Cyclohexane	7.579	56	4877	0.55	ug/l #	1
32) 1,1,1-Trichloroethane	7.485	97	178219	24.40	ug/l	99
36) 1,1-Dichloropropene	7.582	75	30545	4.75	ug/l #	52
37) Ethyl Acetate	6.742	43	582685	64.91	ug/l #	74
38) Carbon Tetrachloride	7.692	117	485967	80.96	ug/l	96
40) Benzene	7.963	78	1637907	84.11	ug/l	99
42) 1,2-Dichloroethane	7.963	62	14034	1.88	ug/l	84
44) Trichloroethene	8.765	130	266124	56.06	ug/l	99
45) 1,2-Dichloropropane	9.049	63	293952	48.87	ug/l	99
46) Dibromomethane	9.140	93	298062	89.64	ug/l	98
48) Methyl methacrylate	9.049	41	173765	24.31	ug/l #	37
49) 1,4-Dioxane	9.135	88	1819	23.79	ug/l #	30
51) 4-Methyl-2-Pentanone	9.921	43	1546554	168.82	ug/l	98
52) Toluene	10.092	92	561486	47.88	ug/l	97
54) cis-1,3-Dichloropropene	9.773	75	5061	0.57	ug/l #	83
55) 1,1,2-Trichloroethane	10.500	97	306003	63.58	ug/l	97
56) Ethyl methacrylate	10.567	69	26	2.06	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.634	63	2351	17.97	ug/l	93
59) 2-Hexanone	10.607	43	98	Below	Cal	67
60) Dibromochloromethane	10.570	129	383232	76.83	ug/l #	10
61) 1,2-Dibromoethane	10.945	107	513045	105.52	ug/l	98
64) Tetrachloroethene	10.570	164	418692	88.94	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.449	131	338552	78.61	ug/l	99

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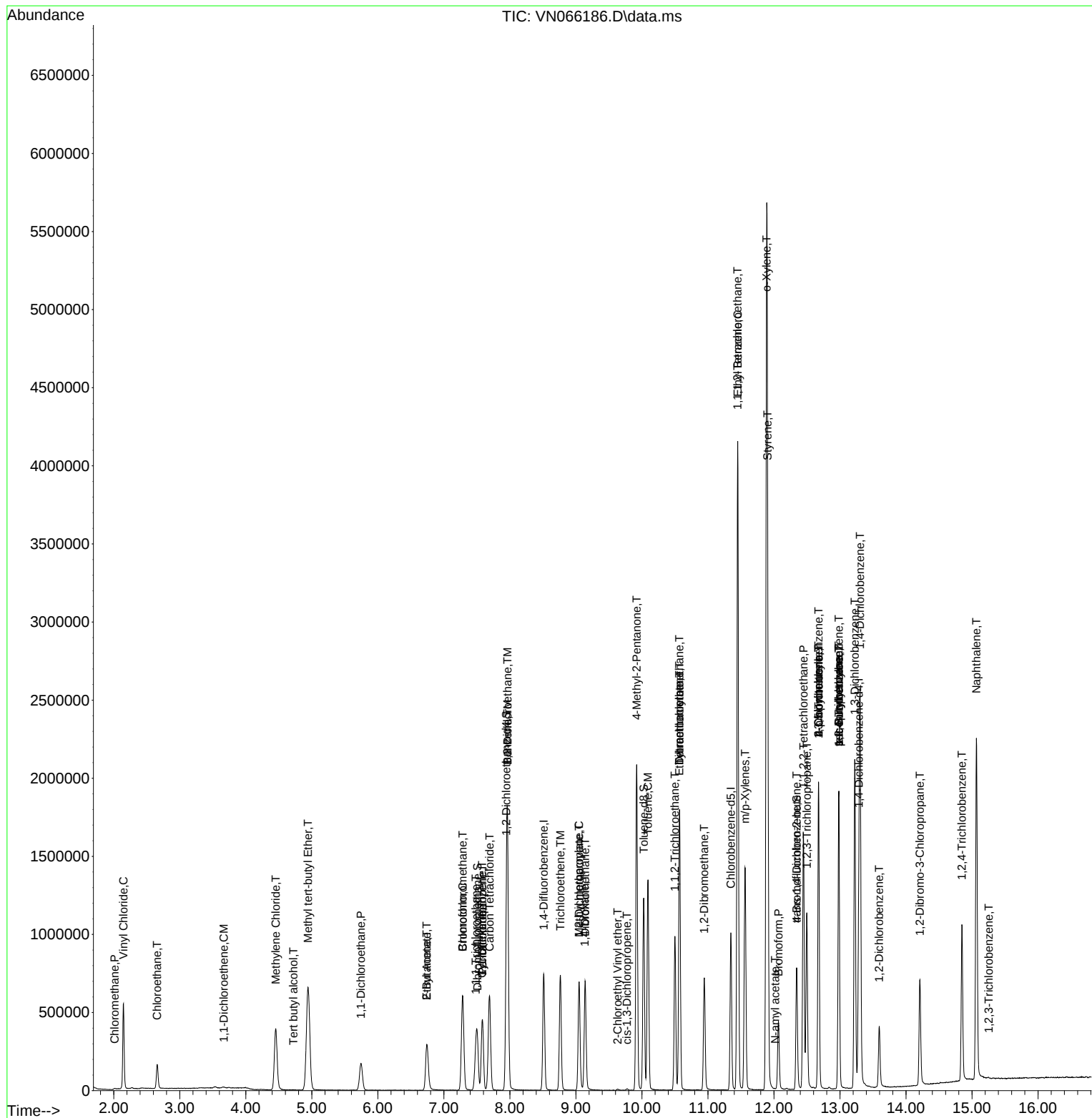
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	11.452	91	2063550	102.03	ug/l	100
68) m/p-Xylenes	11.565	106	441258	58.85	ug/l	100
69) o-Xylene	11.889	106	1253503	172.13	ug/l	99
70) Styrene	11.905	104	1105330	79.66	ug/l	91
71) Bromoform	12.069	173	230098	61.26	ug/l #	99
74) N-amyl acetate	12.018	43	189	4.81	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.447	83	898502	125.83	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	493116	80.00	ug/l #	100
78) n-propylbenzene	12.675	91	109765	4.82	ug/l #	1
79) 2-Chlorotoluene	12.675	91	109765	7.69	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.678	105	1055109	64.10	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.345	75	145196	62.03	ug/l #	11
82) 4-Chlorotoluene	12.675	91	109765	7.80	ug/l #	43
83) tert-Butylbenzene	12.983	119	128004	9.22	ug/l #	70
84) 1,2,4-Trimethylbenzene	12.983	105	1035070	63.48	ug/l	99
85) sec-Butylbenzene	12.983	105	1035070	55.88	ug/l #	58
86) p-Isopropyltoluene	12.983	119	128004	7.84	ug/l #	13
87) 1,3-Dichlorobenzene	13.225	146	864696	101.07	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	991310	112.94	ug/l	96
91) 1,2-Dichlorobenzene	13.595	146	173153	20.56	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.212	75	194140	131.65	ug/l	97
93) 1,2,4-Trichlorobenzene	14.847	180	321881	57.33	ug/l	100
95) Naphthalene	15.067	128	1825086	110.37	ug/l	100
96) 1,2,3-Trichlorobenzene	15.255	180	1401	2.14	ug/l #	64

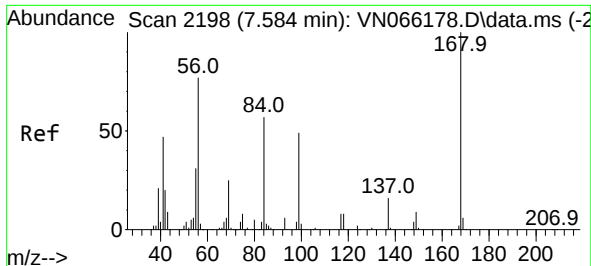
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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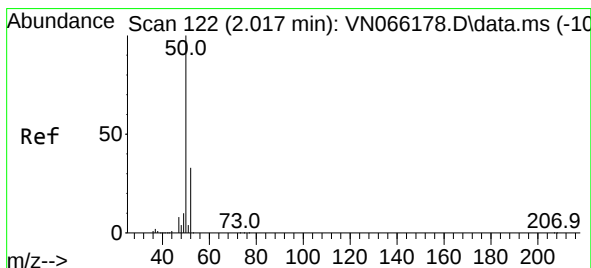
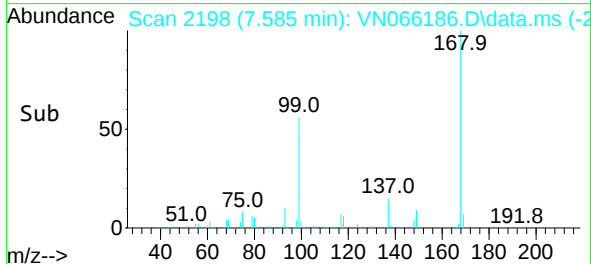
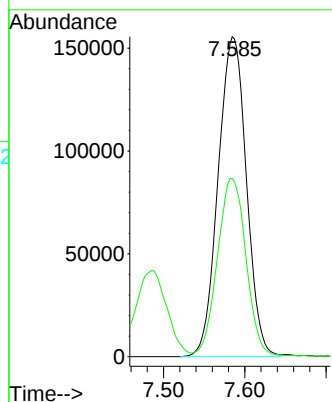
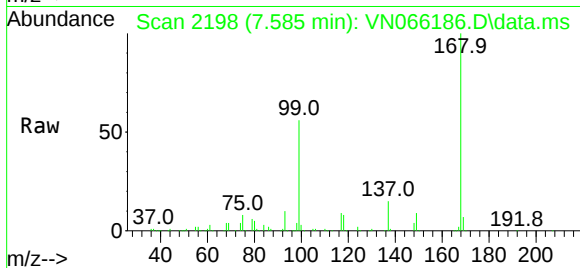




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.005 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

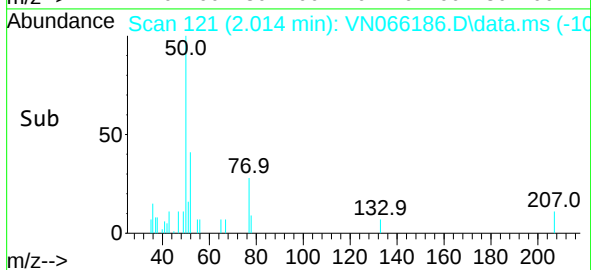
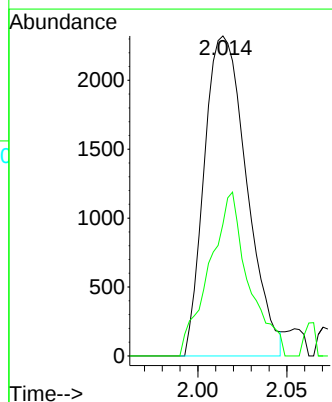
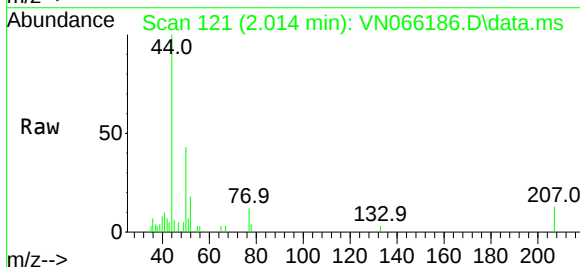
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MSVOA_N
ClientSampled :

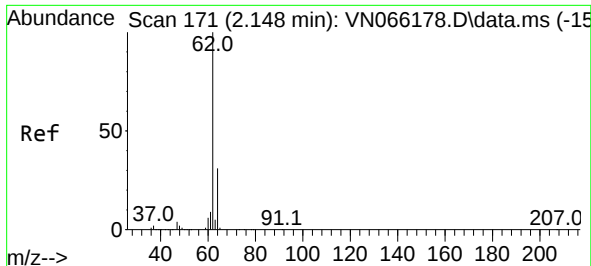
Tgt Ion:168 Resp: 375780
Ion Ratio Lower Upper
168 100
99 55.2 45.4 68.0



#3
Chloromethane
Concen: 0.22 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

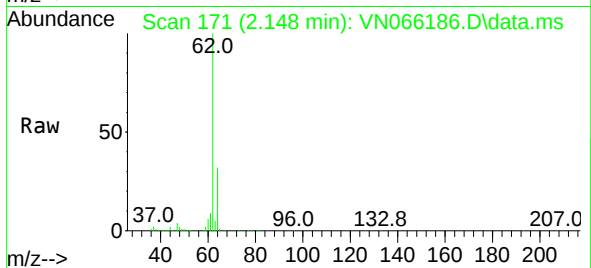
Tgt Ion: 50 Resp: 3847
Ion Ratio Lower Upper
50 100
52 41.2 26.2 39.4#



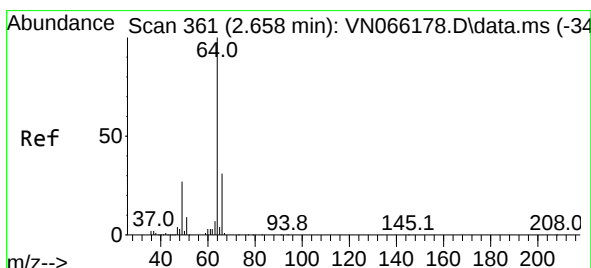
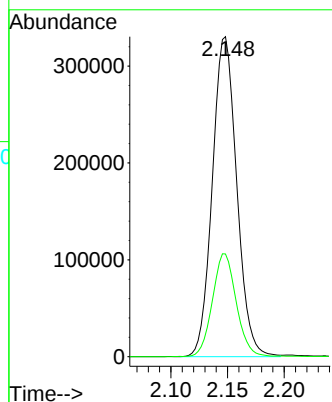
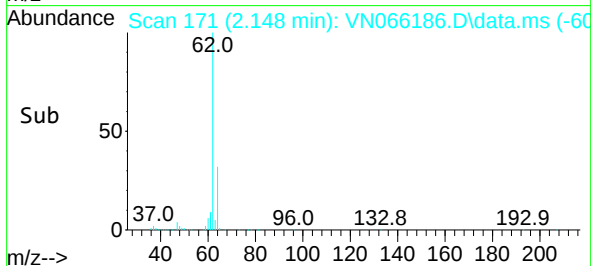


#4
 Vinyl Chloride
 Concen: 89.15 ug/l
 RT: 2.148 min Scan# 171
 Delta R.T. -0.003 min
 Lab File: VN066186.D
 Acq: 12 Mar 2021 17:05

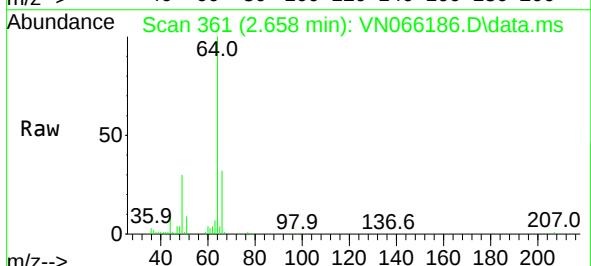
Instrument :
 MSVOA_N
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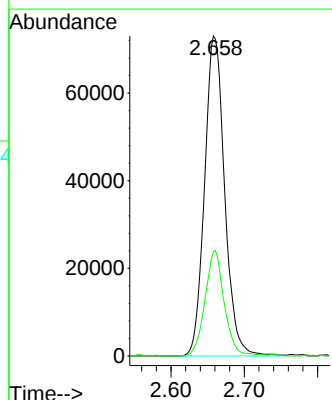
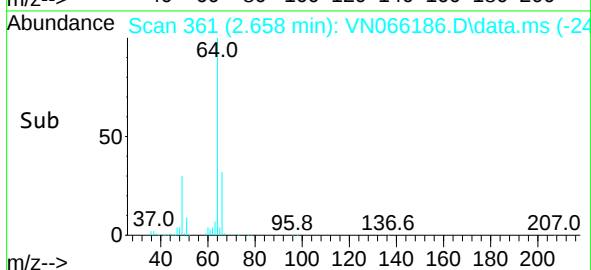
Tgt Ion: 62 Resp: 494651
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.9 37.3

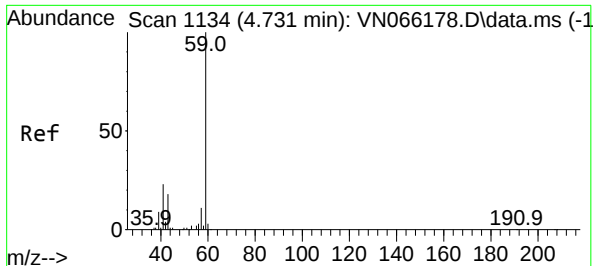


#6
 Chloroethane
 Concen: 43.22 ug/l
 RT: 2.658 min Scan# 361
 Delta R.T. -0.000 min
 Lab File: VN066186.D
 Acq: 12 Mar 2021 17:05



Tgt Ion: 64 Resp: 139153
 Ion Ratio Lower Upper
 64 100
 66 32.5 24.8 37.2

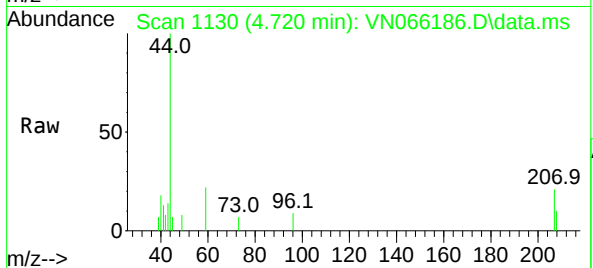




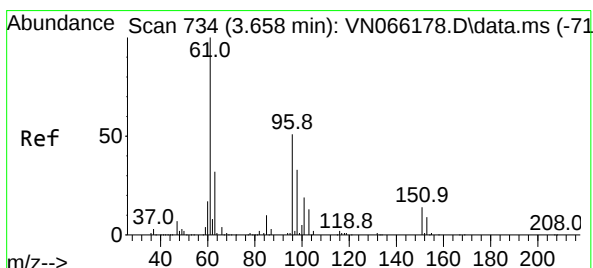
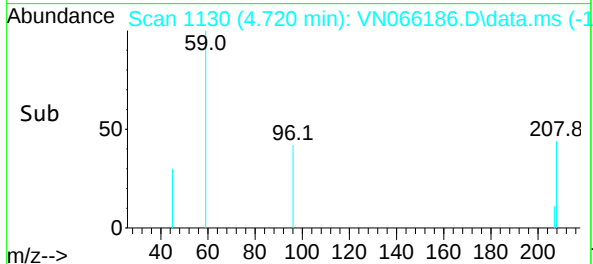
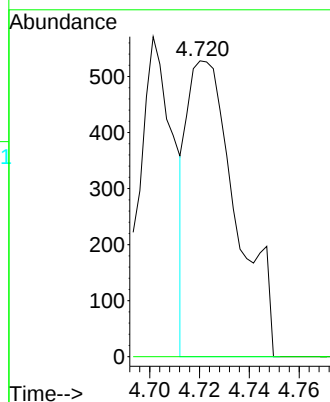
#11

Tert butyl alcohol
Concen: 0.78 ug/l
RT: 4.720 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Instrument :
MSVOA_N
ClientSampled :



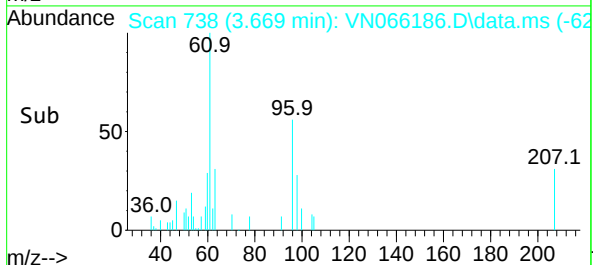
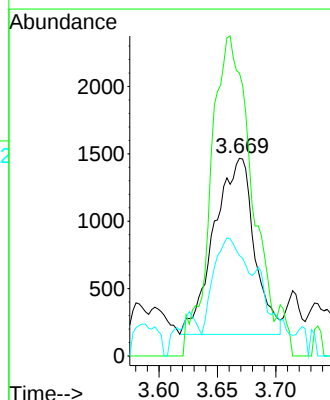
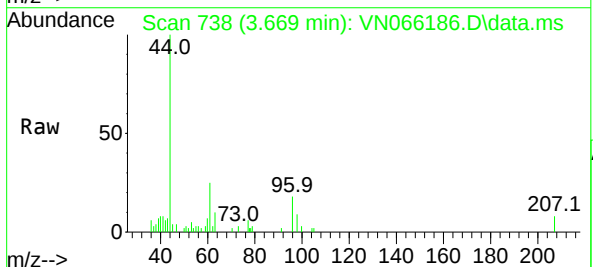
Tgt Ion: 59 Resp: 723
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

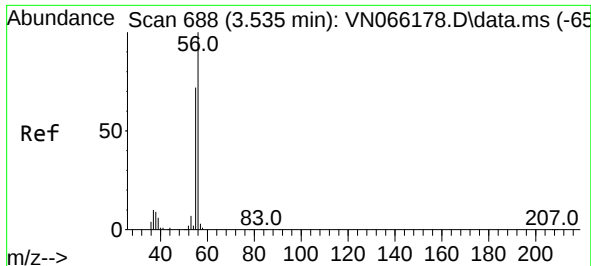


#12

1,1-Dichloroethene
Concen: 0.89 ug/l
RT: 3.669 min Scan# 738
Delta R.T. 0.006 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 96 Resp: 3122
Ion Ratio Lower Upper
96 100
61 160.7 155.4 233.2
98 42.3 50.8 76.2#

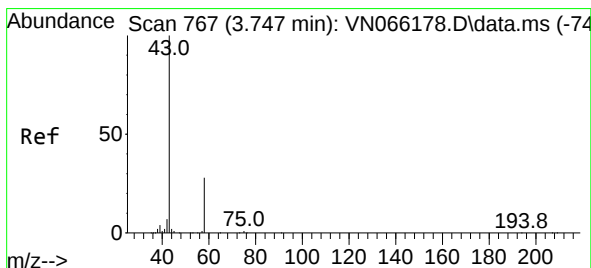
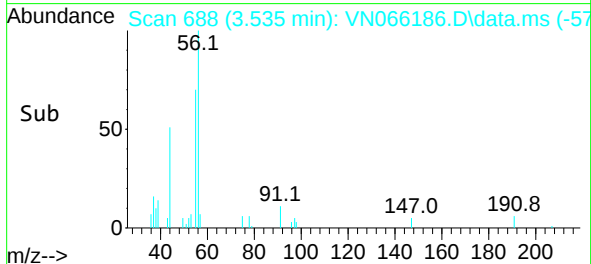
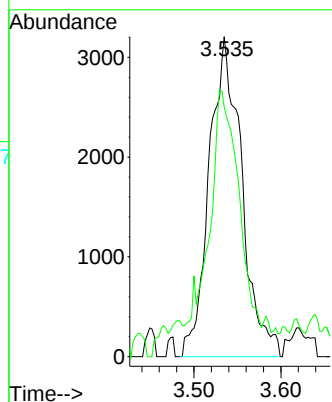
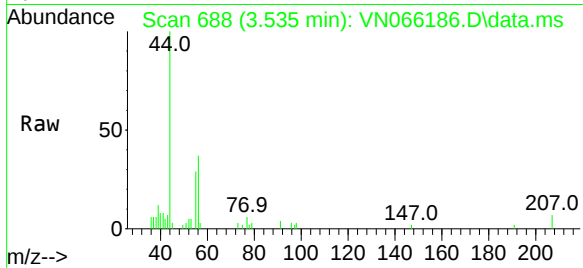




#13
Acrolein
Concen: Below Cal
RT: 3.535 min Scan# 688
Delta R.T. -0.002 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

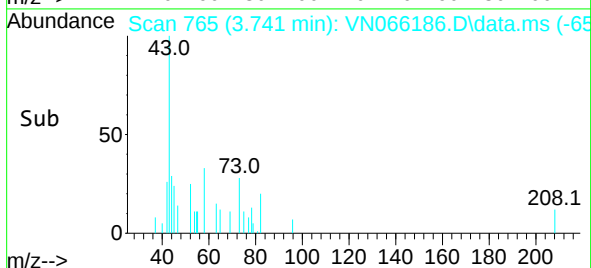
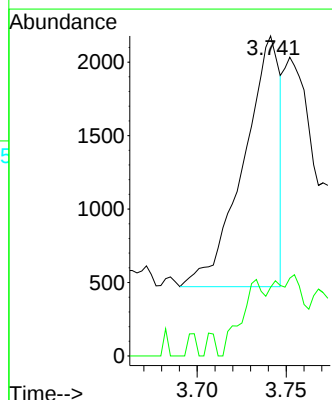
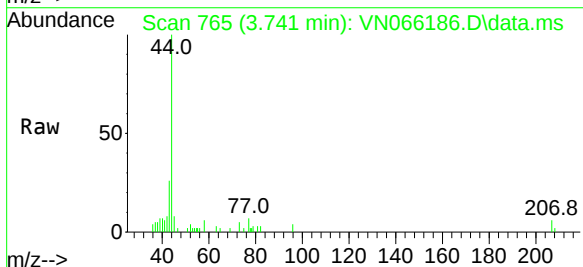
Instrument :
MSVOA_N
ClientSampled :

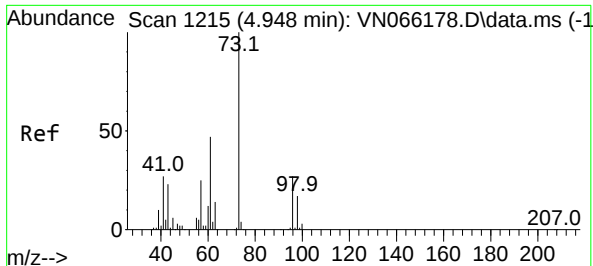
Tgt Ion: 56 Resp: 8307
Ion Ratio Lower Upper
56 100
55 61.2 58.0 87.0



#16
Acetone
Concen: Below Cal
RT: 3.741 min Scan# 765
Delta R.T. -0.008 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 43 Resp: 2412
Ion Ratio Lower Upper
43 100
58 27.4 22.3 33.5



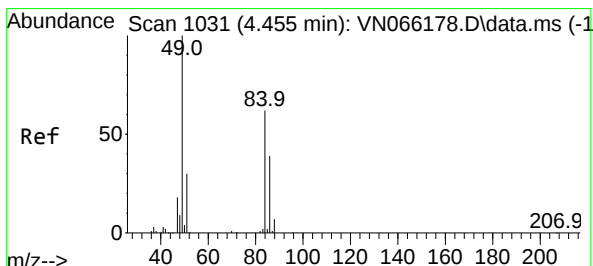
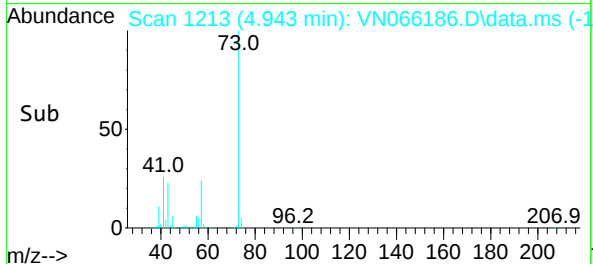
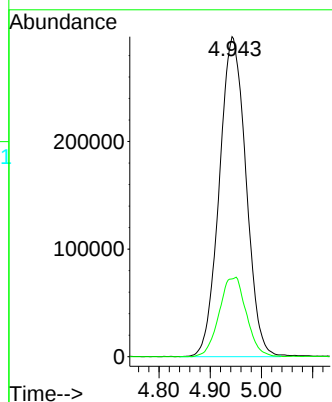
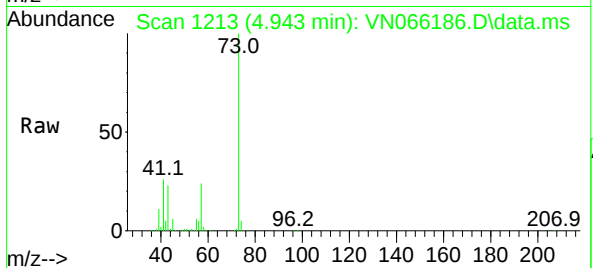


#19

Methyl tert-butyl Ether
Concen: 78.56 ug/l
RT: 4.943 min Scan# 1213
Delta R.T. -0.008 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Instrument :
MSVOA_N
ClientSampled :

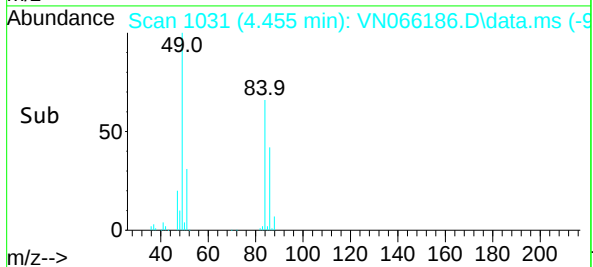
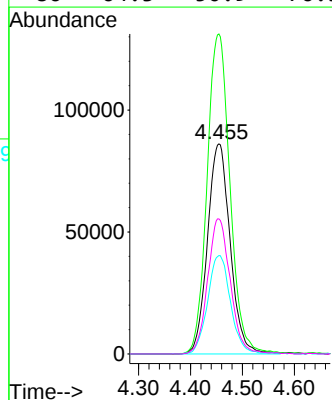
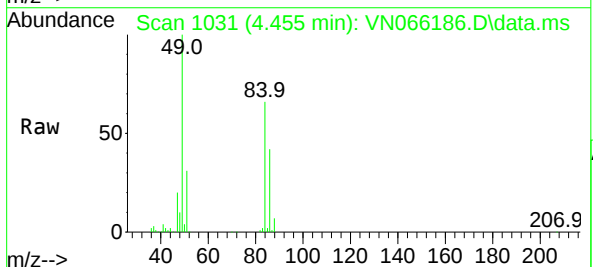
Tgt Ion: 73 Resp: 1073824
Ion Ratio Lower Upper
73 100
57 24.3 20.3 30.5

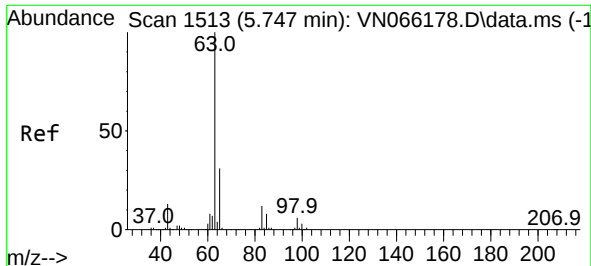


#20

Methylene Chloride
Concen: 58.21 ug/l
RT: 4.455 min Scan# 1031
Delta R.T. -0.008 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

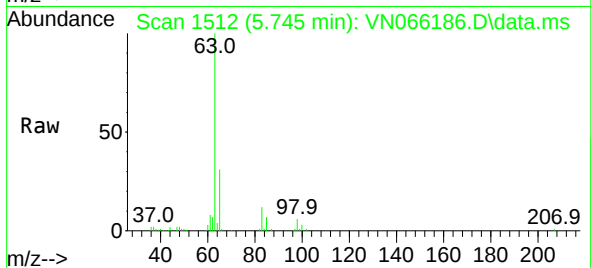
Tgt Ion: 84 Resp: 261628
Ion Ratio Lower Upper
84 100
49 152.1 130.0 195.0
51 46.9 39.1 58.7
86 64.3 50.9 76.3



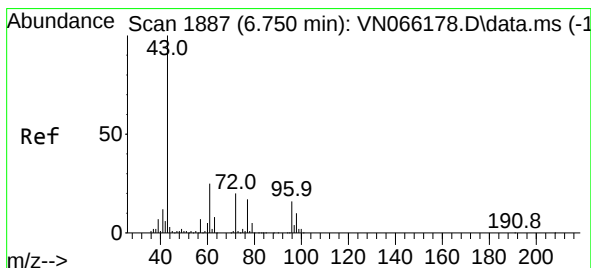
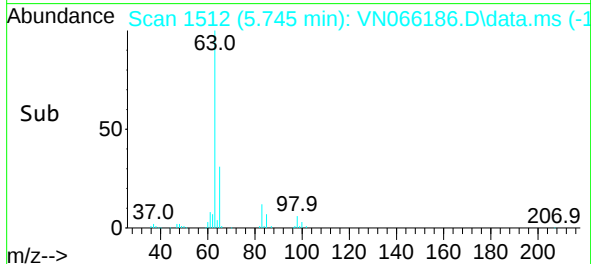
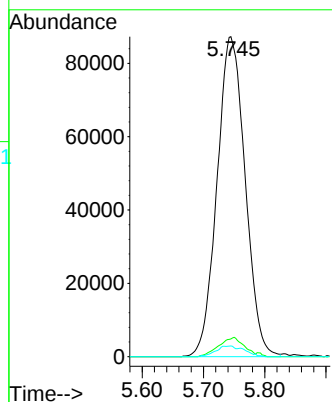


#24
1,1-Dichloroethane
Concen: 31.11 ug/l
RT: 5.745 min Scan# 1512
Delta R.T. -0.008 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Instrument :
MSVOA_N
ClientSampled :

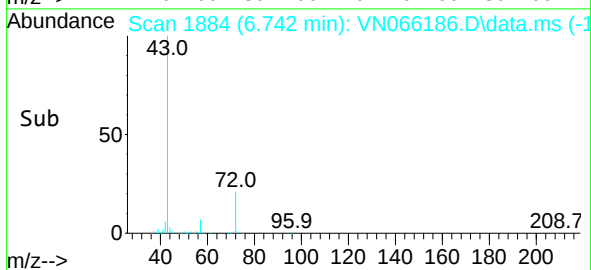
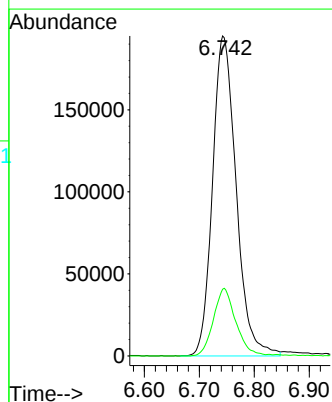
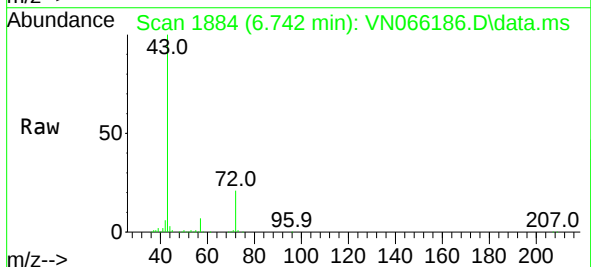


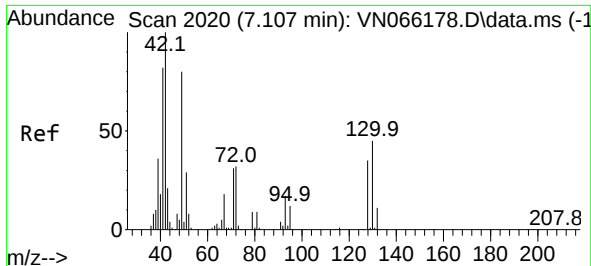
Tgt Ion: 63 Resp: 278354
Ion Ratio Lower Upper
63 100
98 5.6 2.9 8.6
100 3.4 1.7 5.0



#25
2-Butanone
Concen: 127.45 ug/l
RT: 6.742 min Scan# 1884
Delta R.T. -0.008 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 43 Resp: 582685
Ion Ratio Lower Upper
43 100
72 20.8 16.2 24.2





#28

Bromochloromethane

Concen: 10.99 ug/l

RT: 7.284 min Scan# 2086

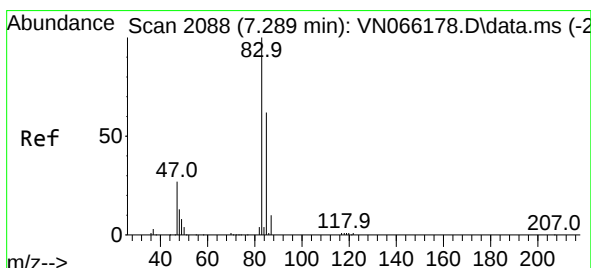
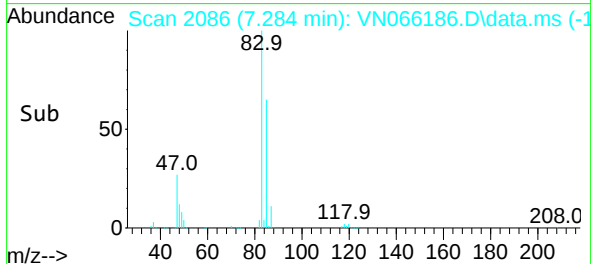
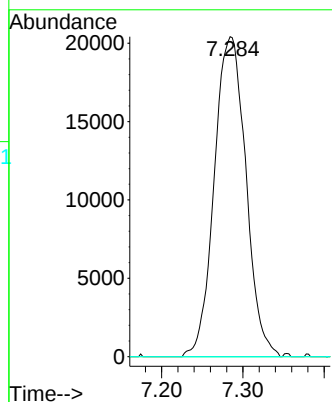
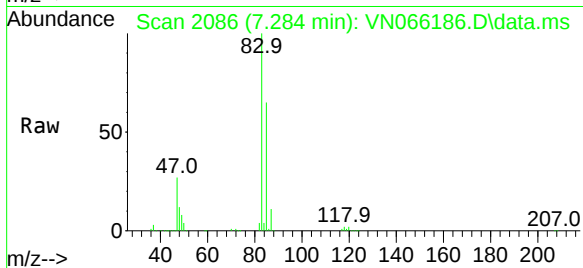
Delta R.T. 0.174 min

Lab File: VN066186.D

Acq: 12 Mar 2021 17:05

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 49 Resp: 55208
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.4
130 0.0 43.6 65.4#



#30

Chloroform

Concen: 74.56 ug/l

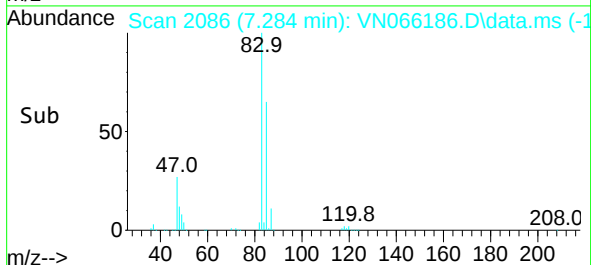
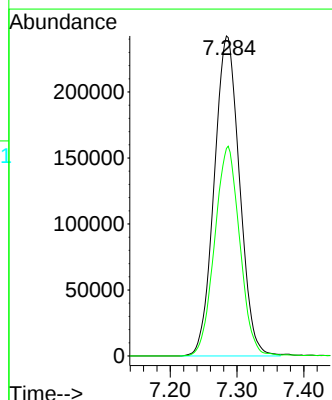
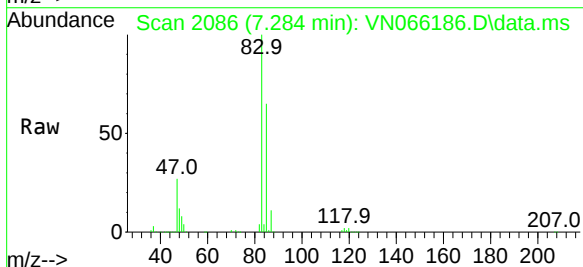
RT: 7.284 min Scan# 2086

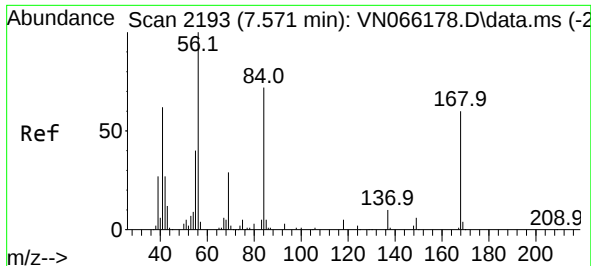
Delta R.T. -0.008 min

Lab File: VN066186.D

Acq: 12 Mar 2021 17:05

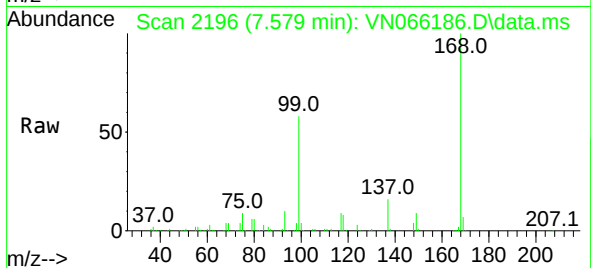
Tgt Ion: 83 Resp: 638540
Ion Ratio Lower Upper
83 100
85 64.9 49.9 74.9



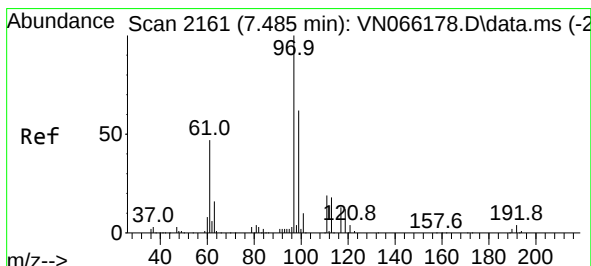
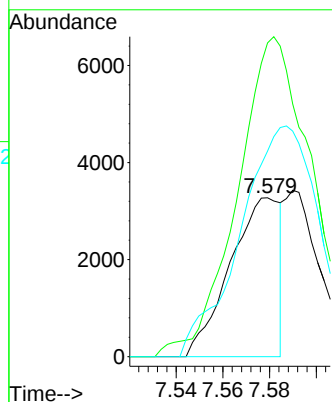
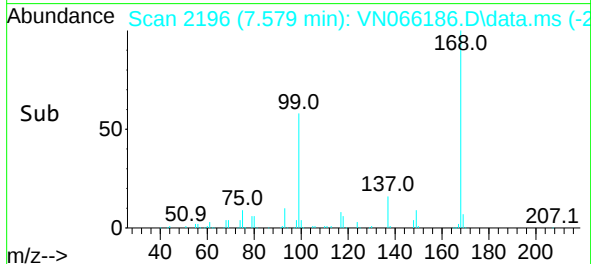


#31
Cyclohexane
Concen: 0.55 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

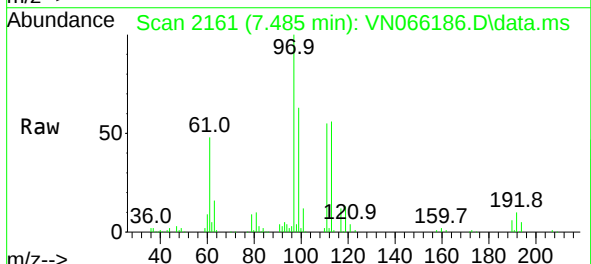
Instrument :
MSVOA_N
ClientSampled :



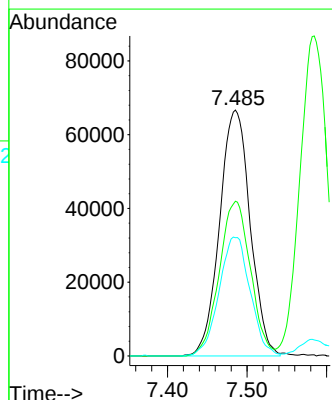
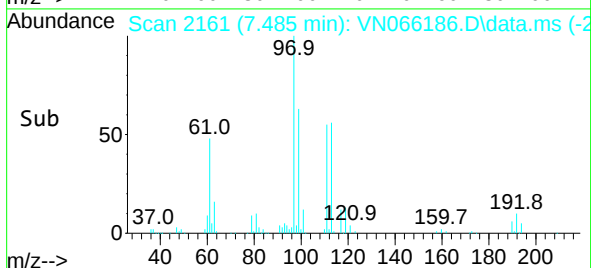
Tgt Ion: 56 Resp: 4877
Ion Ratio Lower Upper
56 100
69 187.9 23.4 35.0#
84 129.4 57.8 86.6#

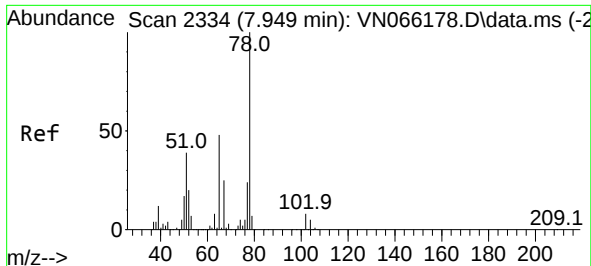


#32
1,1,1-Trichloroethane
Concen: 24.40 ug/l
RT: 7.485 min Scan# 2161
Delta R.T. -0.006 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05



Tgt Ion: 97 Resp: 178219
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 49.2 38.6 57.8

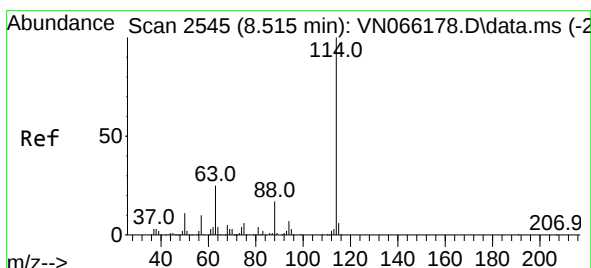
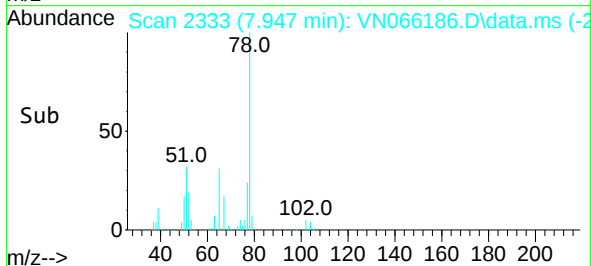
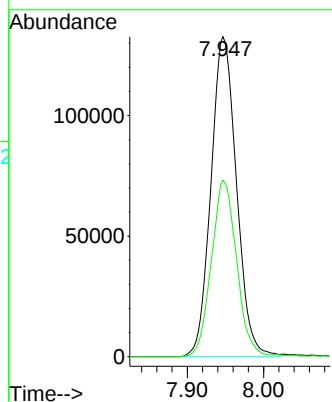
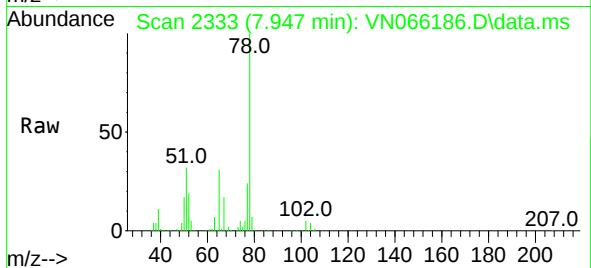




#33
1,2-Dichloroethane-d4
Concen: 50.85 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.005 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

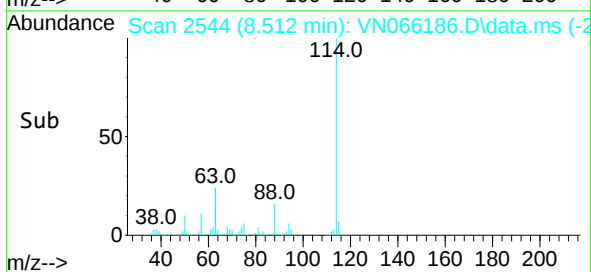
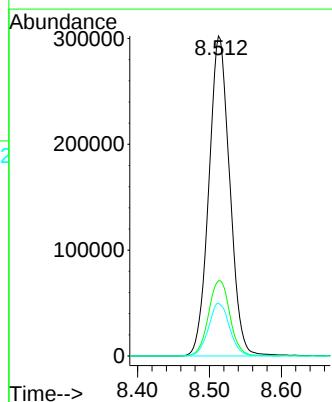
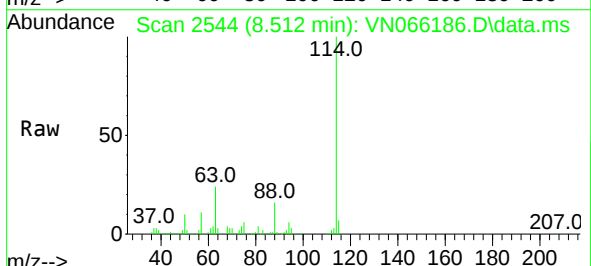
Instrument :
MSVOA_N
ClientSampled :

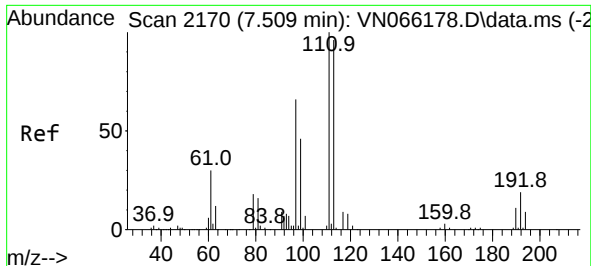
Tgt Ion: 65 Resp: 308327
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.006 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 114 Resp: 609115
Ion Ratio Lower Upper
114 100
63 23.5 0.0 49.2
88 16.4 0.0 33.8

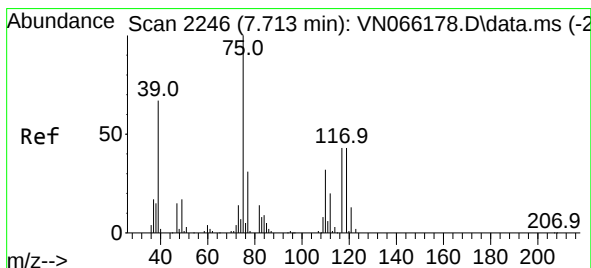
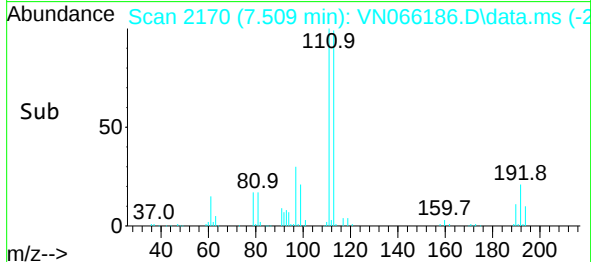
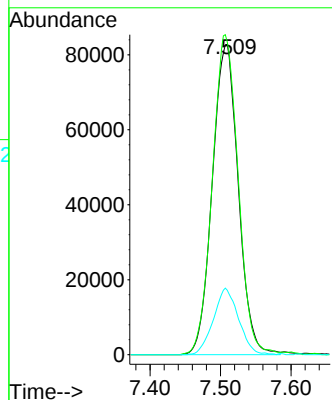
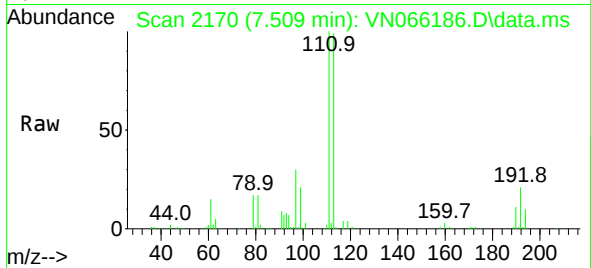




#35
Dibromofluoromethane
Concen: 51.50 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

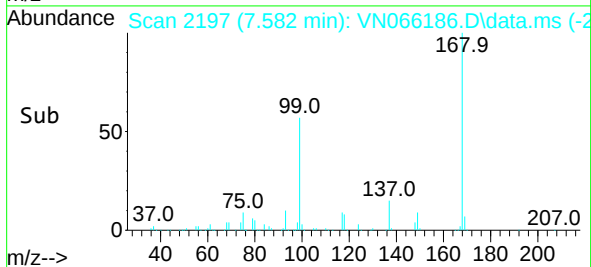
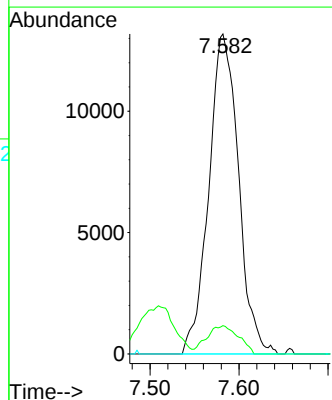
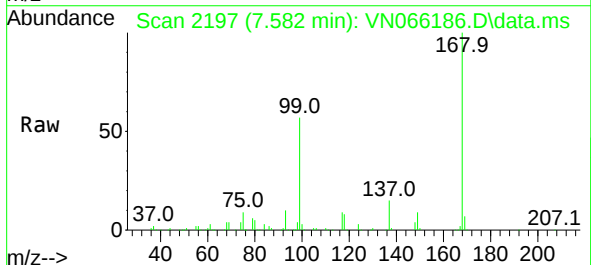
Instrument :
MSVOA_N
ClientSampled :

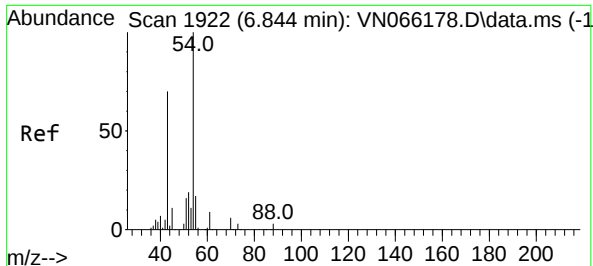
Tgt Ion:113 Resp: 211669
Ion Ratio Lower Upper
113 100
111 102.4 84.0 126.0
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.134 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 75 Resp: 30545
Ion Ratio Lower Upper
75 100
110 9.5 16.0 48.0#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 64.91 ug/l

RT: 6.742 min Scan# 1884

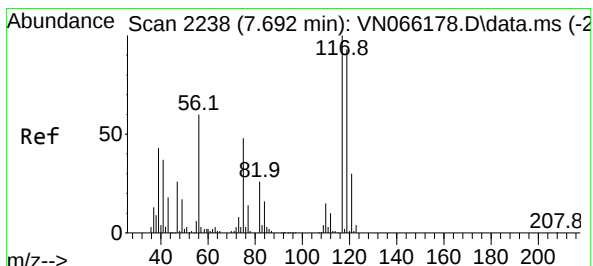
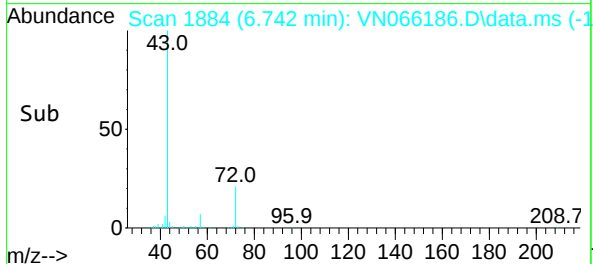
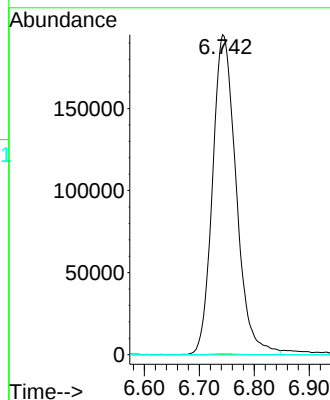
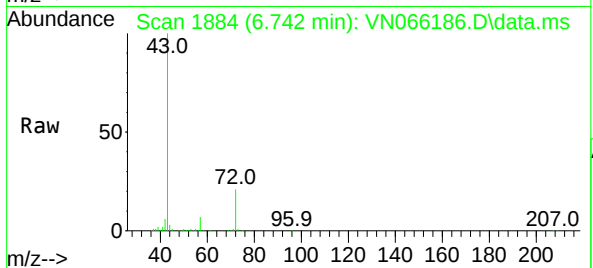
Delta R.T. -0.102 min

Lab File: VN066186.D

Acq: 12 Mar 2021 17:05

Tgt Ion:	43	Resp:	582685
Ion	Ratio	Lower	Upper
43	100		
61	0.1	9.2	13.8#
70	0.2	6.1	9.1#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 80.96 ug/l

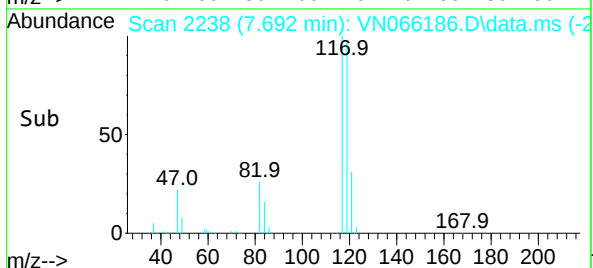
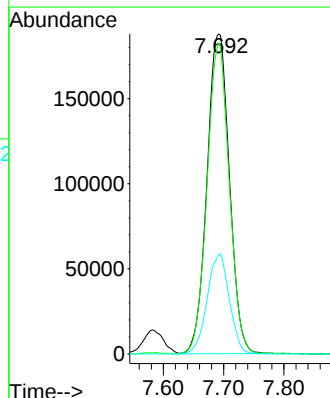
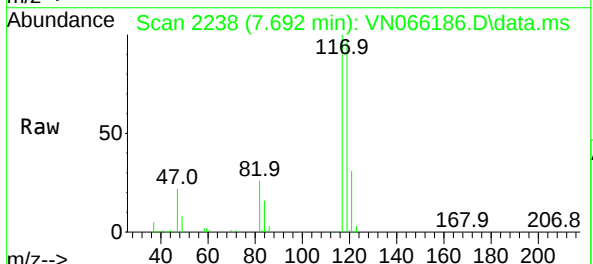
RT: 7.692 min Scan# 2238

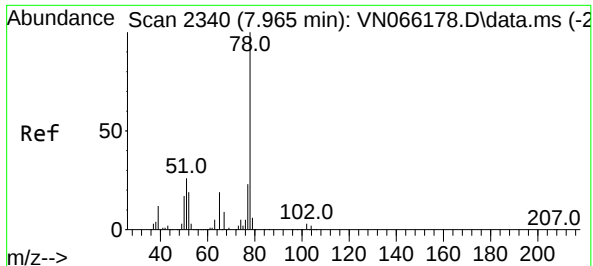
Delta R.T. -0.005 min

Lab File: VN066186.D

Acq: 12 Mar 2021 17:05

Tgt Ion:	117	Resp:	485967
Ion	Ratio	Lower	Upper
117	100		
119	97.1	74.6	111.8
121	31.1	23.9	35.9

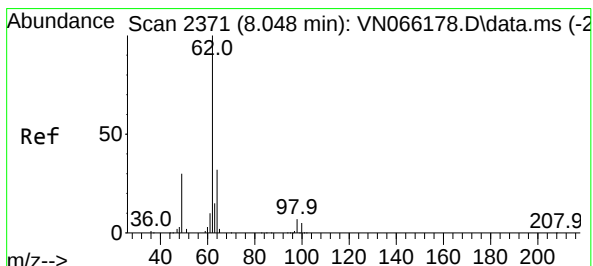
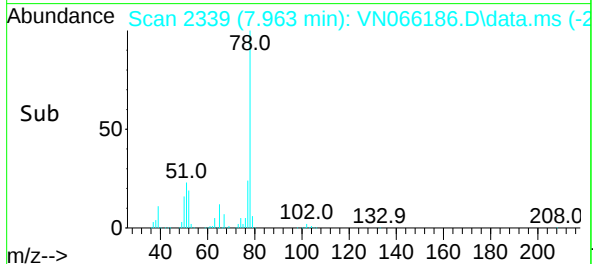
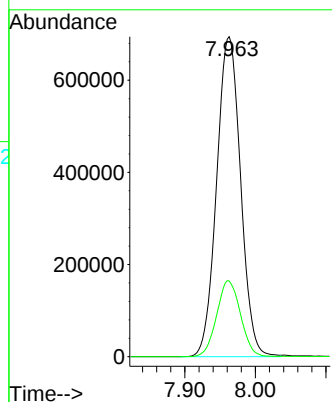
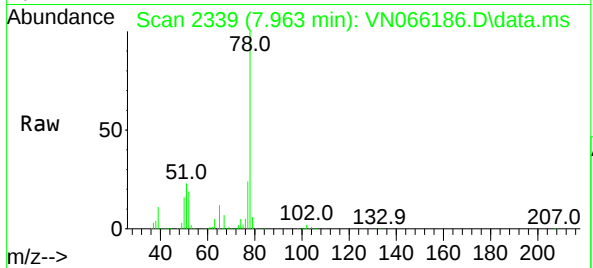




#40
Benzene
Concen: 84.11 ug/l
RT: 7.963 min Scan# 2339
Delta R.T. -0.002 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

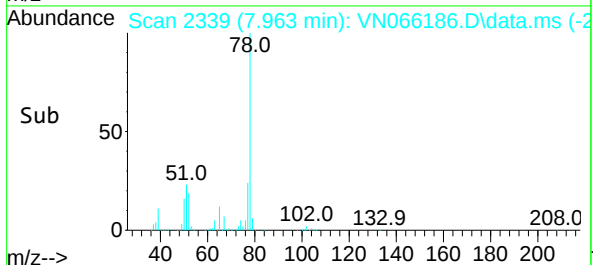
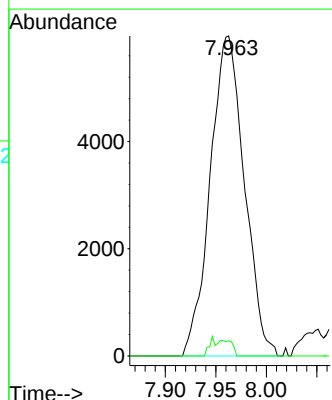
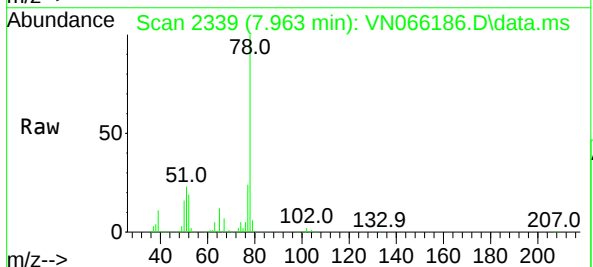
Instrument :
MSVOA_N
ClientSampled :

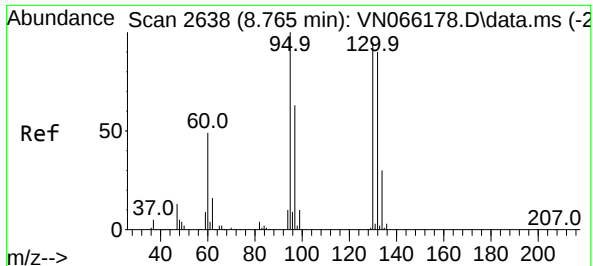
Tgt Ion: 78 Resp: 1637907
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7



#42
1,2-Dichloroethane
Concen: 1.88 ug/l
RT: 7.963 min Scan# 2339
Delta R.T. -0.088 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 62 Resp: 14034
Ion Ratio Lower Upper
62 100
98 1.8 0.0 14.8

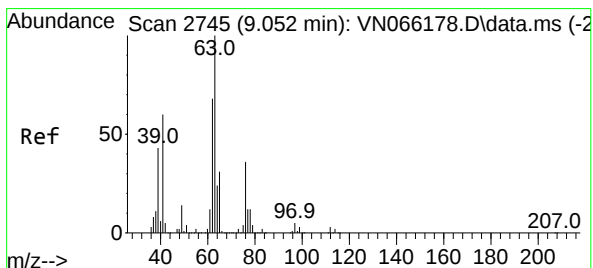
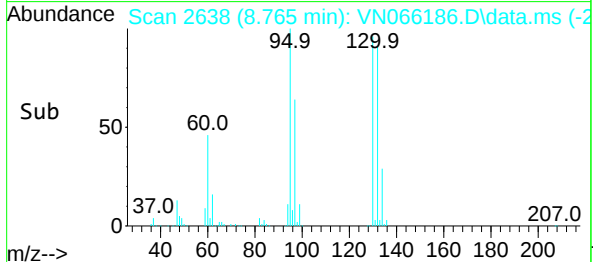
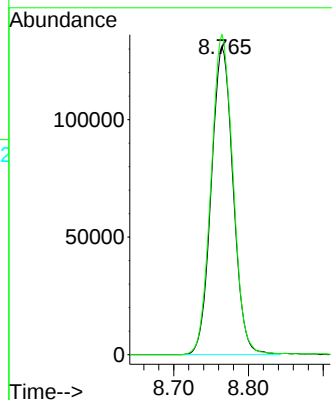
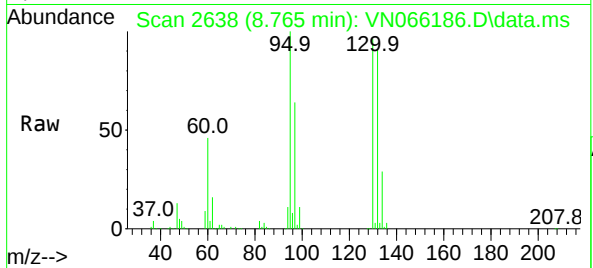




#44
Trichloroethene
Concen: 56.06 ug/l
RT: 8.765 min Scan# 2638
Delta R.T. -0.002 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

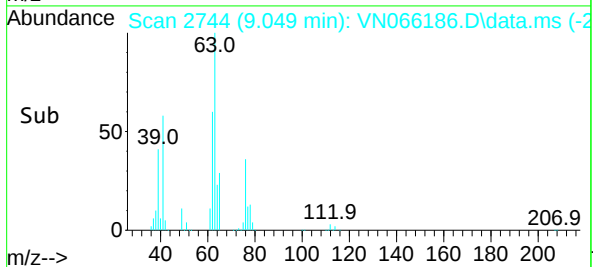
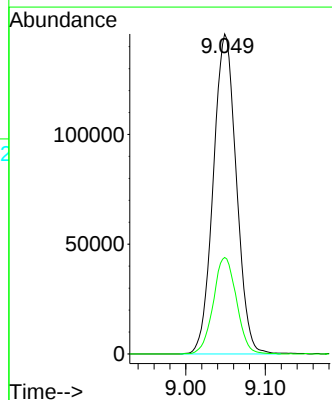
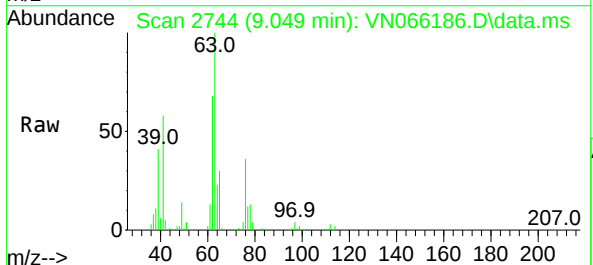
Instrument :
MSVOA_N
ClientSampled :

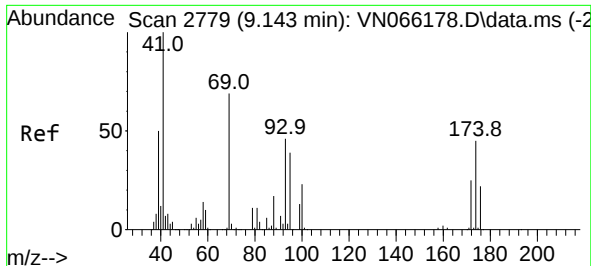
Tgt Ion:130 Resp: 266124
Ion Ratio Lower Upper
130 100
95 104.1 0.0 210.2



#45
1,2-Dichloropropane
Concen: 48.87 ug/l
RT: 9.049 min Scan# 2744
Delta R.T. -0.002 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

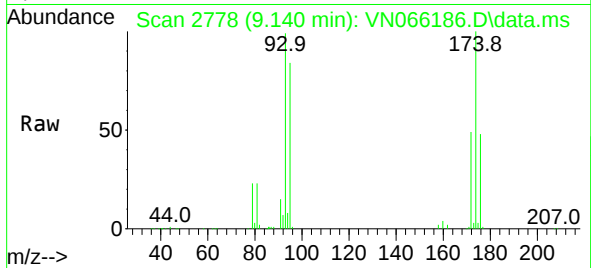
Tgt Ion: 63 Resp: 293952
Ion Ratio Lower Upper
63 100
65 30.1 24.6 37.0



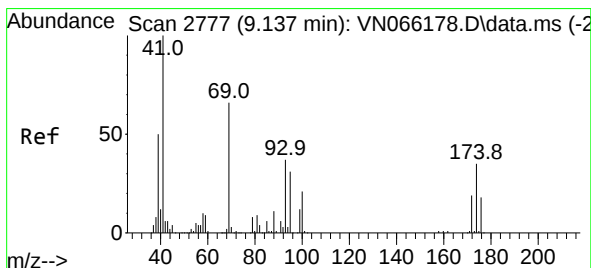
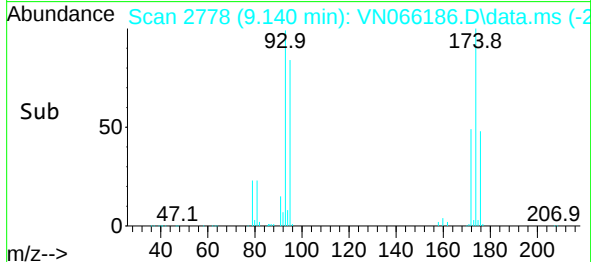
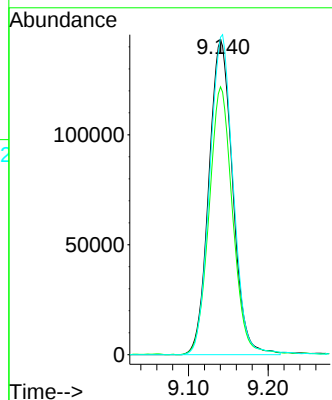


#46
Dibromomethane
Concen: 89.64 ug/l
RT: 9.140 min Scan# 2778
Delta R.T. -0.005 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Instrument :
MSVOA_N
ClientSampled :

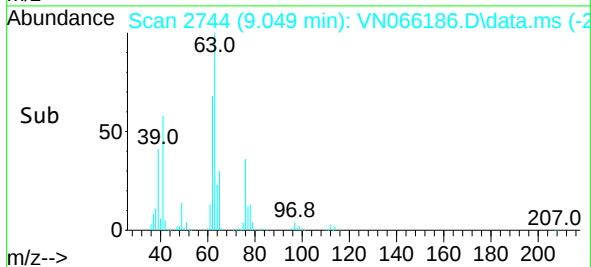
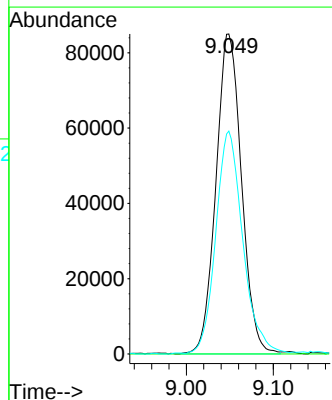
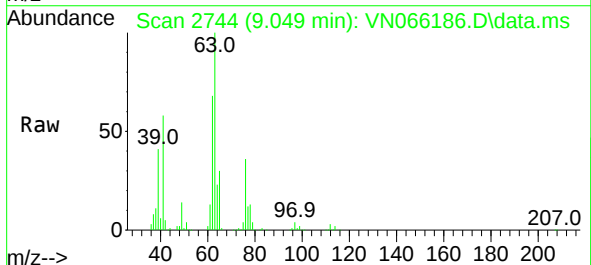


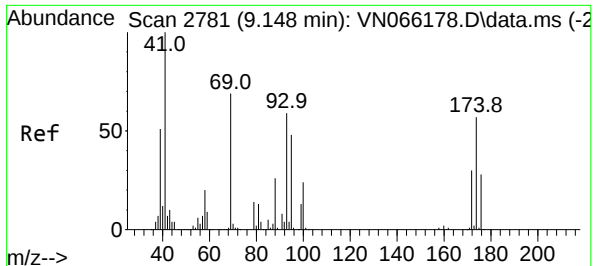
Tgt Ion: 93 Resp: 298062
Ion Ratio Lower Upper
93 100
95 84.0 66.1 99.1
174 100.2 78.2 117.4



#48
Methyl methacrylate
Concen: 24.31 ug/l
RT: 9.049 min Scan# 2744
Delta R.T. -0.088 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 41 Resp: 173765
Ion Ratio Lower Upper
41 100
69 0.0 54.7 82.1#
39 73.0 40.2 60.2#

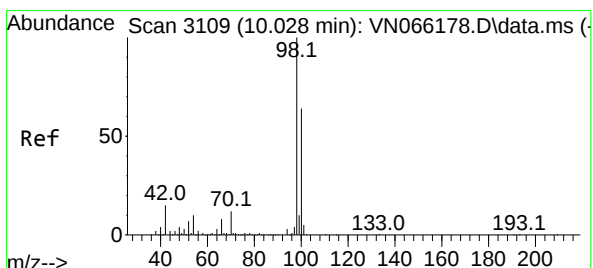
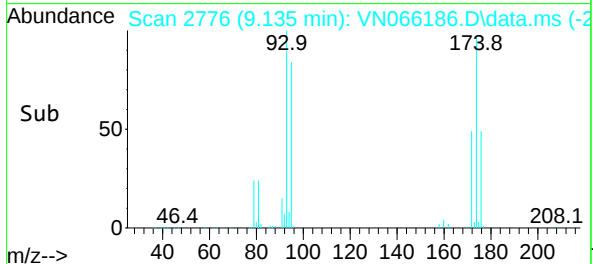
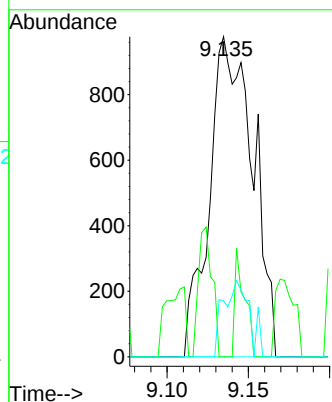
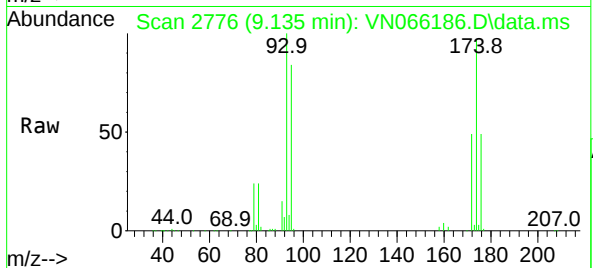




#49
1,4-Dioxane
Concen: 23.79 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.008 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

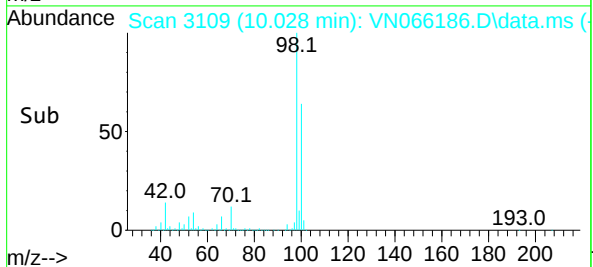
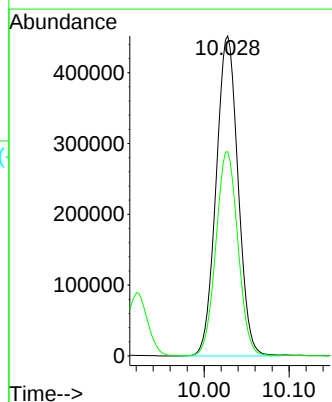
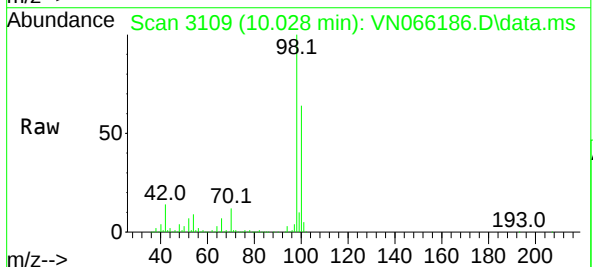
Instrument :
MSVOA_N
ClientSampled :

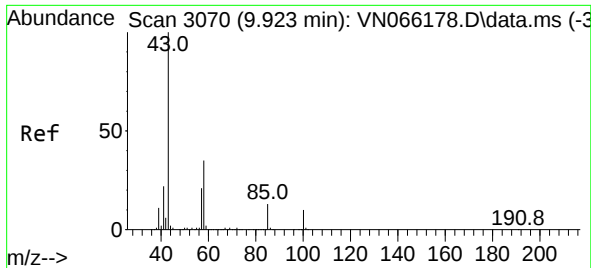
Tgt Ion: 88 Resp: 1819
Ion Ratio Lower Upper
88 100
43 7.6 34.4 51.6#
58 14.3 67.3 100.9#



#50
Toluene-d8
Concen: 48.72 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 98 Resp: 810896
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.6

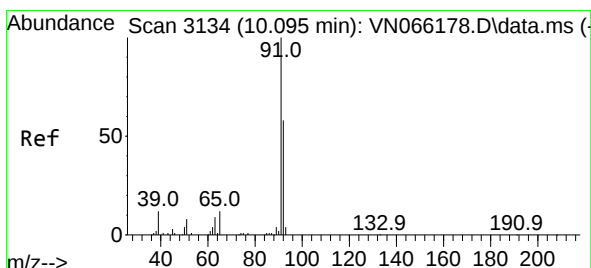
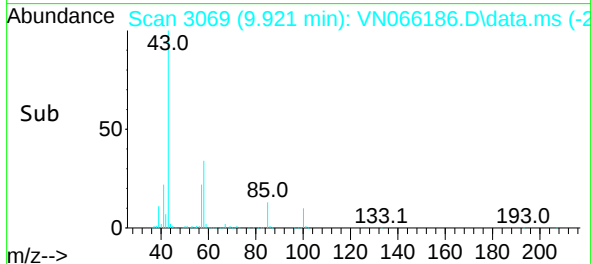
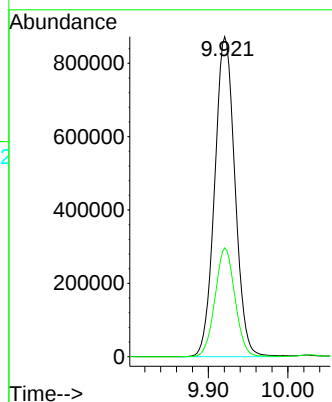
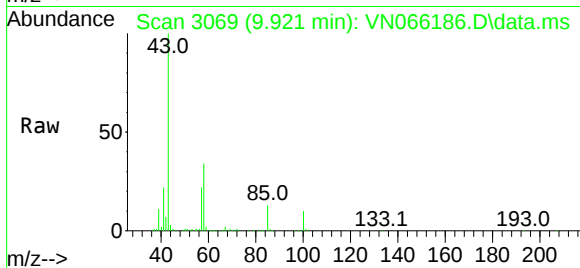




#51
4-Methyl-2-Pentanone
Concen: 168.82 ug/l
RT: 9.921 min Scan# 3069
Delta R.T. -0.002 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

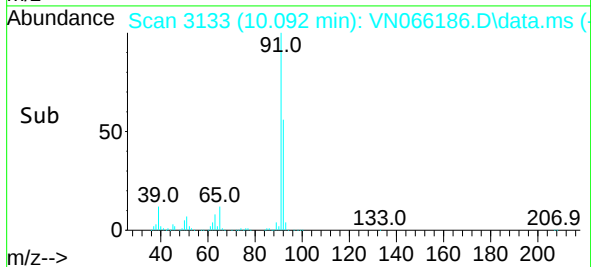
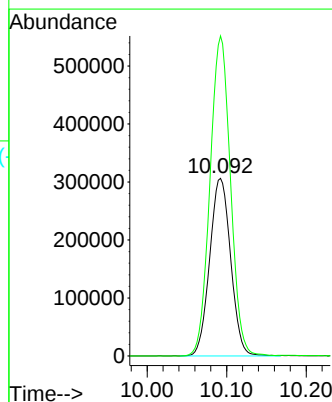
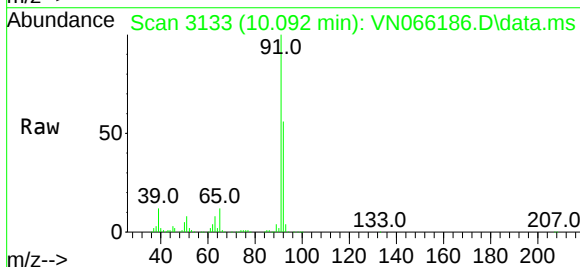
Instrument :
MSVOA_N
ClientSampled :

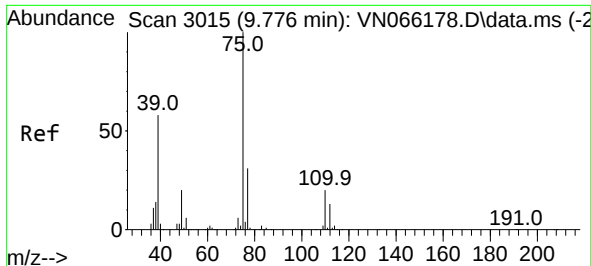
Tgt Ion: 43 Resp: 1546554
Ion Ratio Lower Upper
43 100
58 33.5 27.5 41.3



#52
Toluene
Concen: 47.88 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 92 Resp: 561486
Ion Ratio Lower Upper
92 100
91 176.2 137.5 206.3

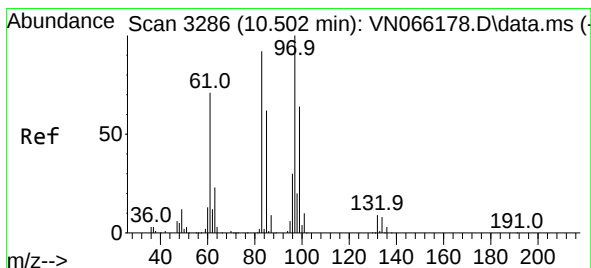
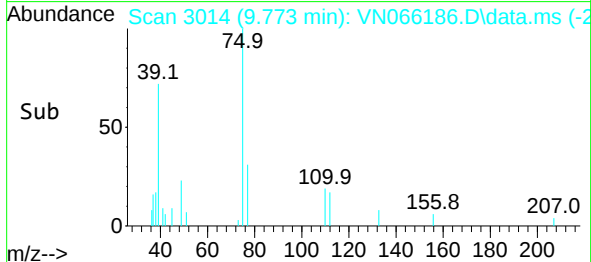
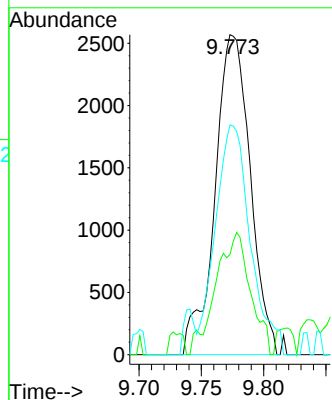
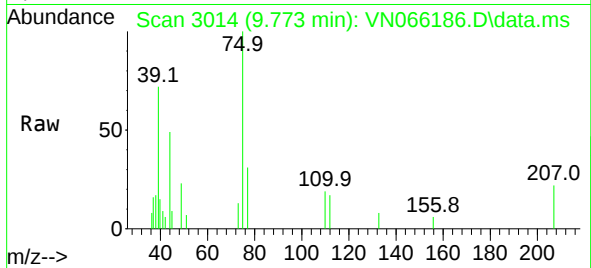




#54
cis-1,3-Dichloropropene
Concen: 0.57 ug/l
RT: 9.773 min Scan# 3014
Delta R.T. -0.005 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

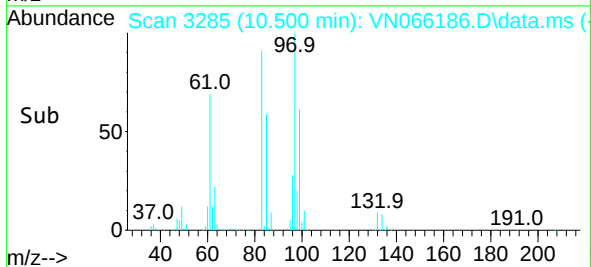
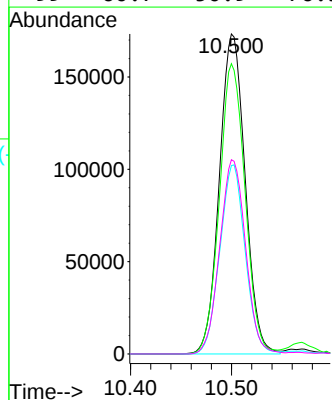
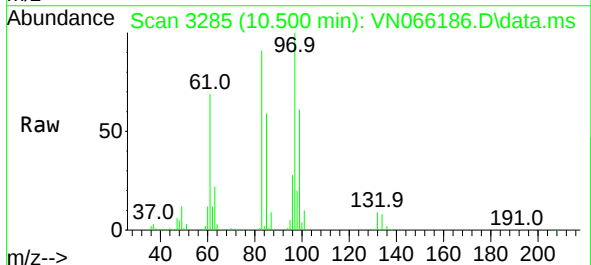
Instrument :
MSVOA_N
ClientSampled :

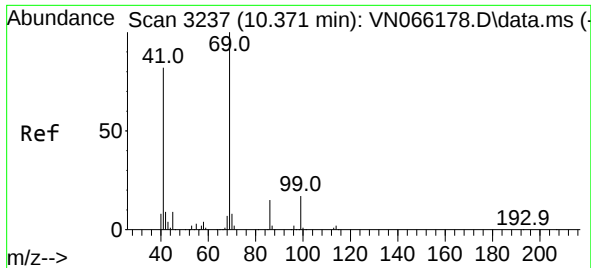
Tgt Ion: 75 Resp: 5061
Ion Ratio Lower Upper
75 100
77 24.7 25.0 37.4#
39 71.8 46.2 69.2#



#55
1,1,2-Trichloroethane
Concen: 63.58 ug/l
RT: 10.500 min Scan# 3285
Delta R.T. -0.002 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 97 Resp: 306003
Ion Ratio Lower Upper
97 100
83 90.7 73.3 109.9
85 58.9 49.8 74.8
99 60.7 50.9 76.3

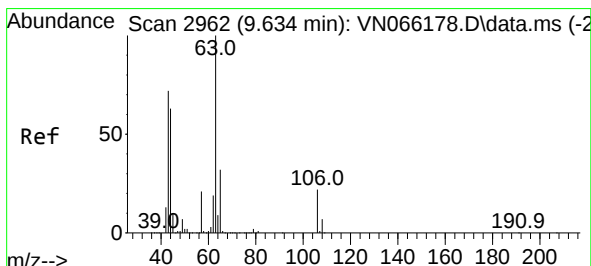
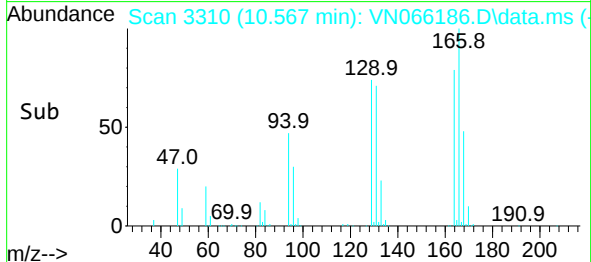
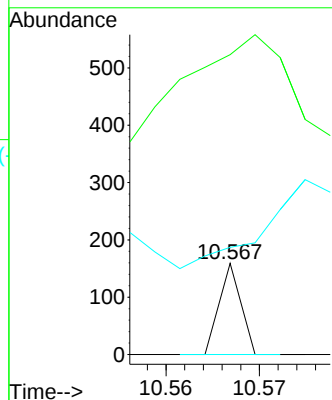
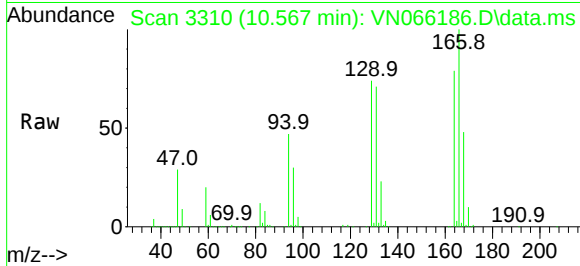




#56
Ethyl methacrylate
Concen: 2.06 ug/l
RT: 10.567 min Scan# 3310
Delta R.T. 0.196 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

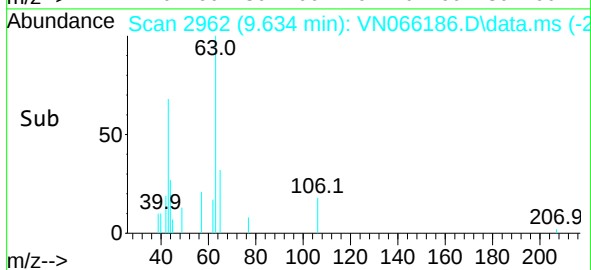
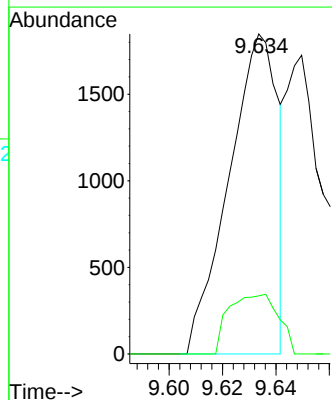
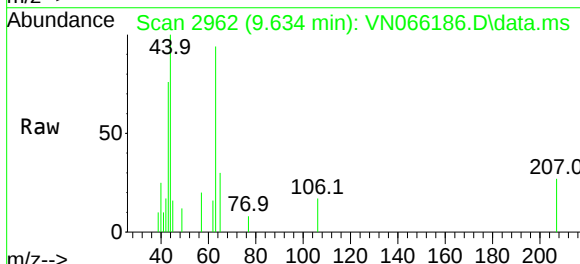
Instrument :
MSVOA_N
ClientSampled :

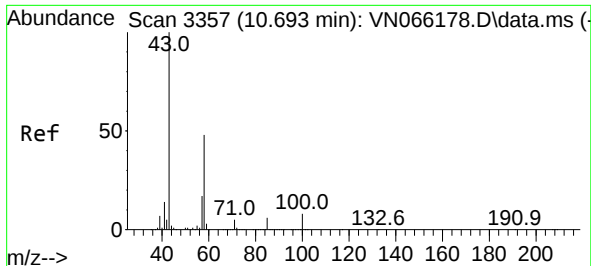
Tgt Ion: 69 Resp: 26
Ion Ratio Lower Upper
69 100
41 1446.2 66.2 99.4#
39 0.0 31.5 47.3#



#58
2-Chloroethyl Vinyl ether
Concen: 17.97 ug/l
RT: 9.634 min Scan# 2962
Delta R.T. 0.001 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 63 Resp: 2351
Ion Ratio Lower Upper
63 100
106 18.9 17.6 26.4

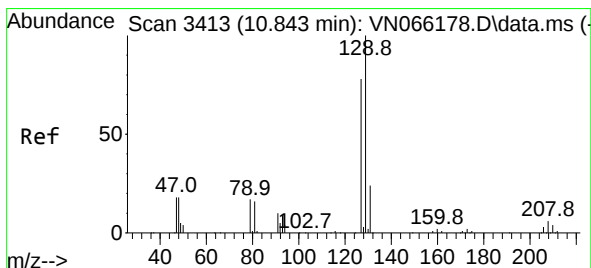
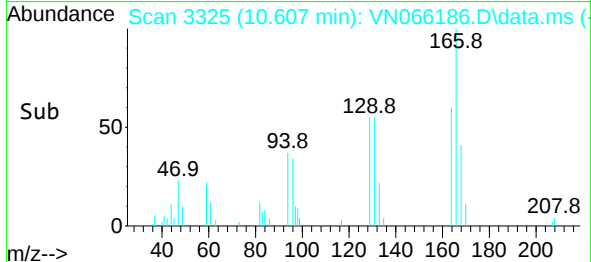
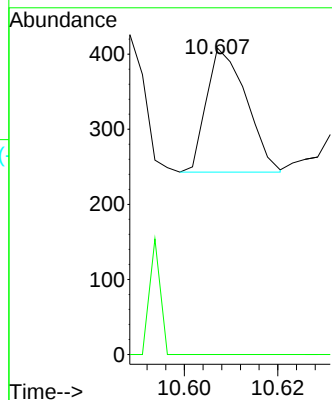
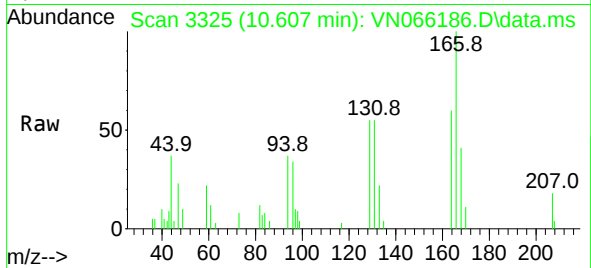




#59
2-Hexanone
Concen: Below Cal
RT: 10.607 min Scan# 3325
Delta R.T. -0.086 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

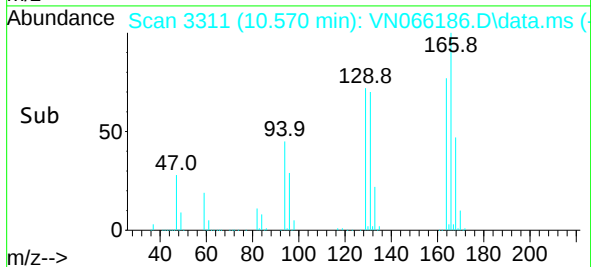
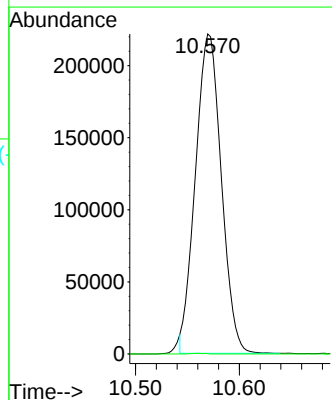
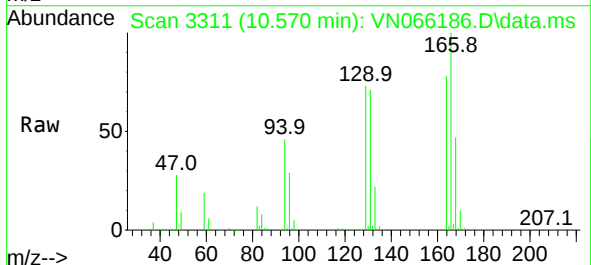
Instrument :
MSVOA_N
ClientSampled :

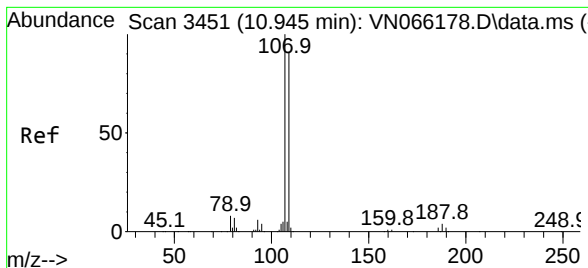
Tgt Ion: 43 Resp: 98
Ion Ratio Lower Upper
43 100
58 25.5 23.8 71.5



#60
Dibromochloromethane
Concen: 76.83 ug/l
RT: 10.570 min Scan# 3311
Delta R.T. -0.273 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion:129 Resp: 383232
Ion Ratio Lower Upper
129 100
127 0.1 39.2 117.6#

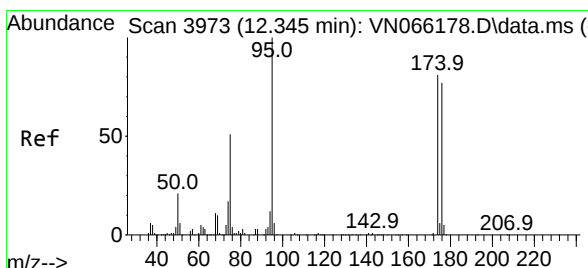
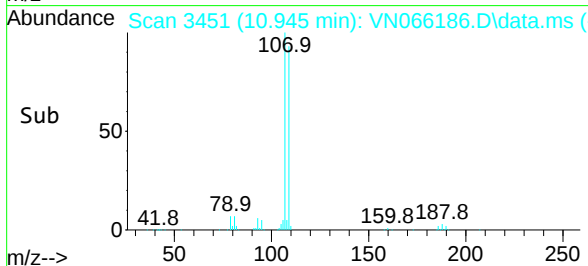
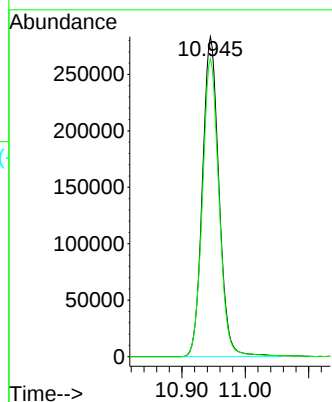
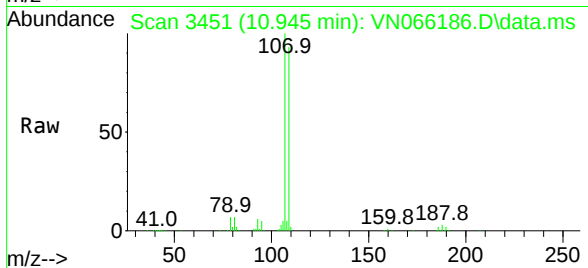




#61
1,2-Dibromoethane
Concen: 105.52 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

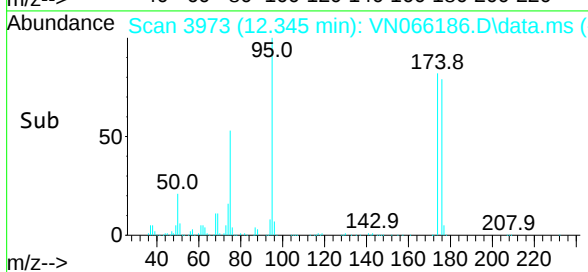
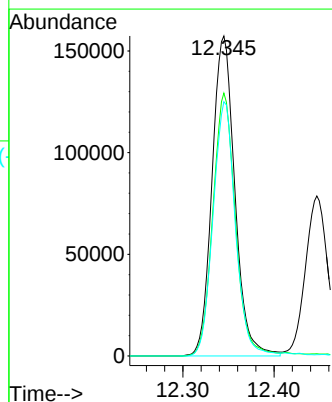
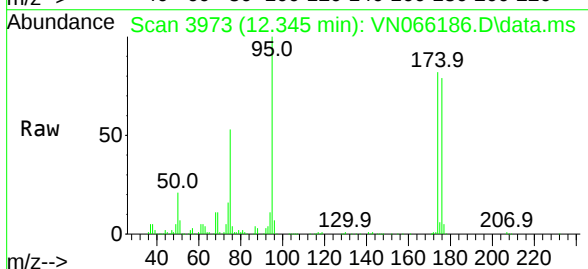
Instrument :
MSVOA_N
ClientSampleId :

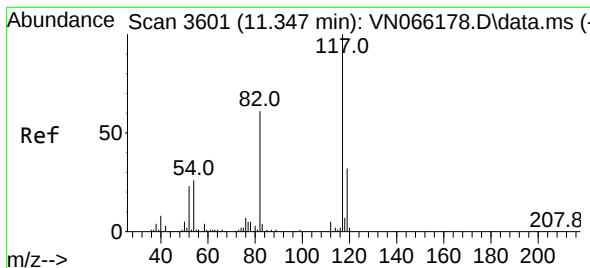
Tgt Ion:107 Resp: 513045
Ion Ratio Lower Upper
107 100
109 92.8 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 44.60 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

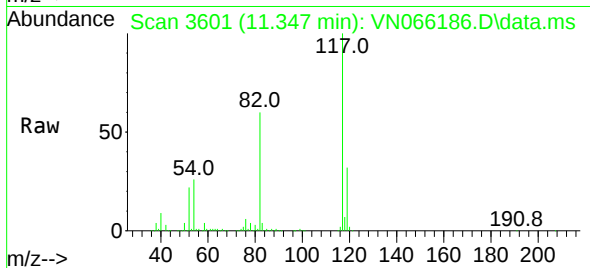
Tgt Ion: 95 Resp: 273094
Ion Ratio Lower Upper
95 100
174 81.1 0.0 162.4
176 77.9 0.0 156.2



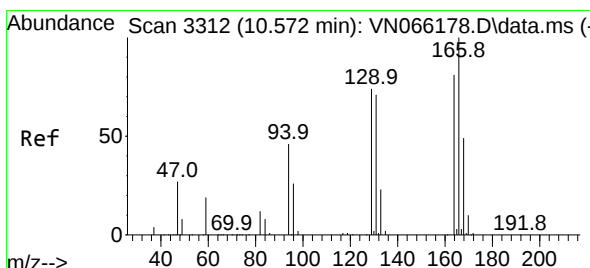
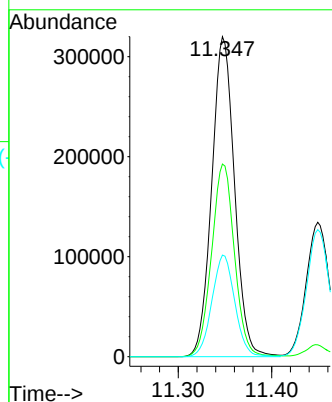
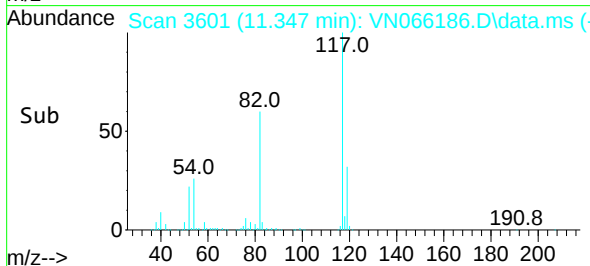


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

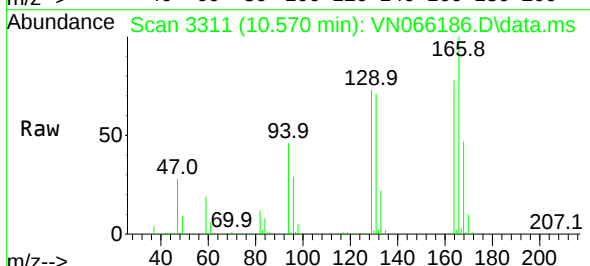
Instrument :
MSVOA_N
ClientSampleId :



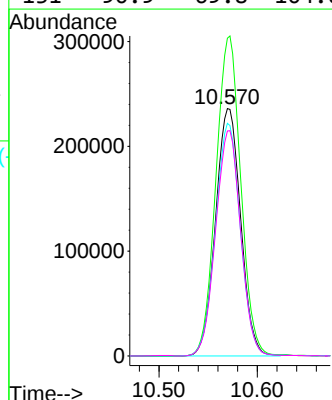
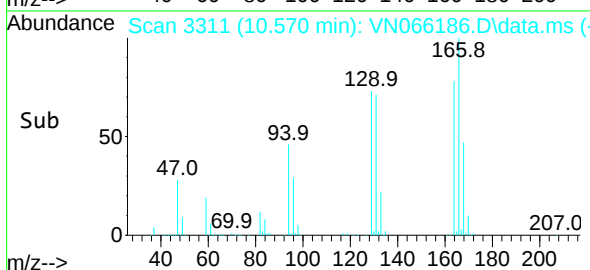
Tgt Ion:117 Resp: 543343
Ion Ratio Lower Upper
117 100
82 60.1 49.0 73.6
119 31.8 25.7 38.5

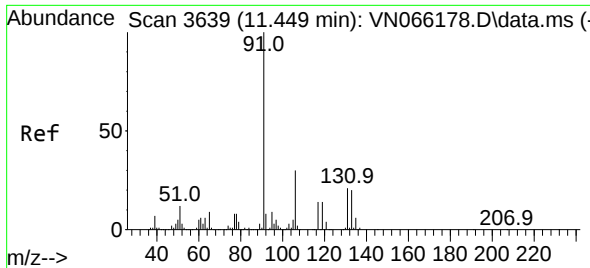


#64
Tetrachloroethene
Concen: 88.94 ug/l
RT: 10.570 min Scan# 3311
Delta R.T. -0.002 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05



Tgt Ion:164 Resp: 418692
Ion Ratio Lower Upper
164 100
166 128.5 98.9 148.3
129 94.1 73.2 109.8
131 90.9 69.8 104.6

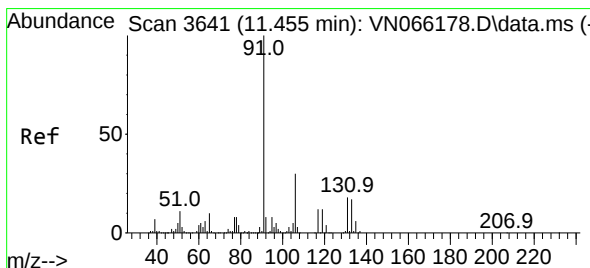
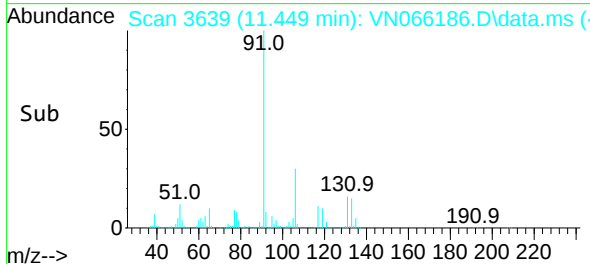
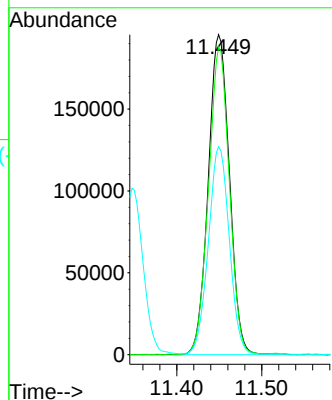
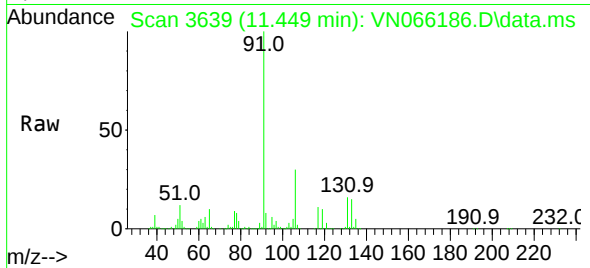




#66
1,1,1,2-Tetrachloroethane
Concen: 78.61 ug/l
RT: 11.449 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

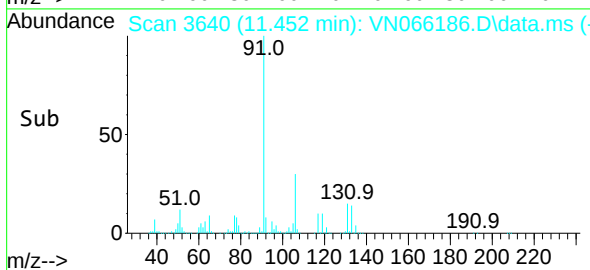
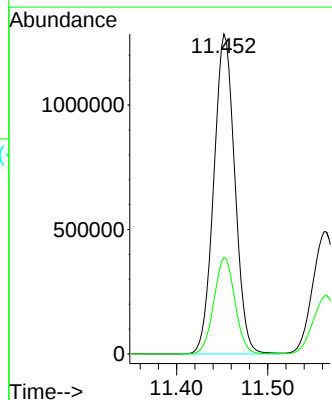
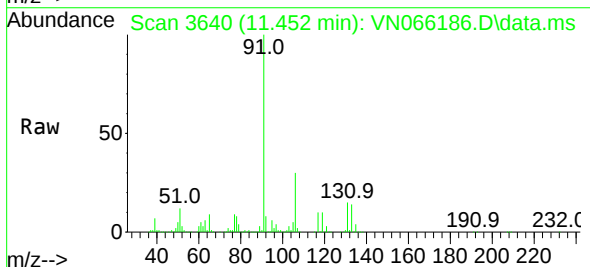
Instrument :
MSVOA_N
ClientSampleId :

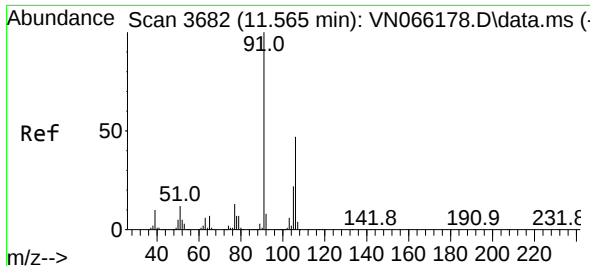
Tgt Ion:131 Resp: 338552
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.5
119 64.2 33.1 99.2



#67
Ethyl Benzene
Concen: 102.03 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 91 Resp: 2063550
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2

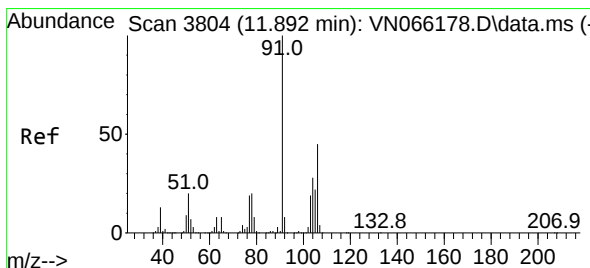
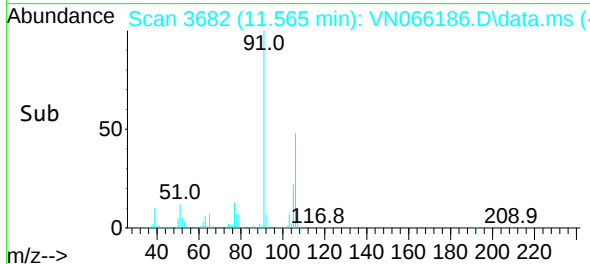
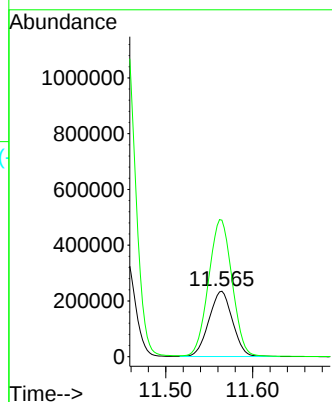
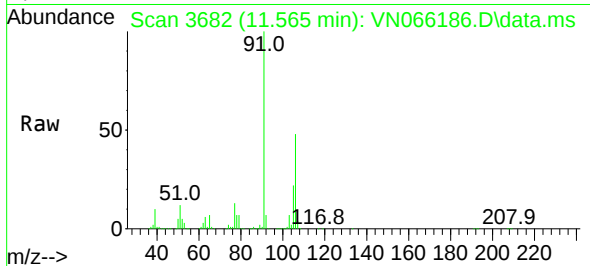




#68
m/p-Xylenes
Concen: 58.85 ug/l
RT: 11.565 min Scan# 3682
Delta R.T. 0.001 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

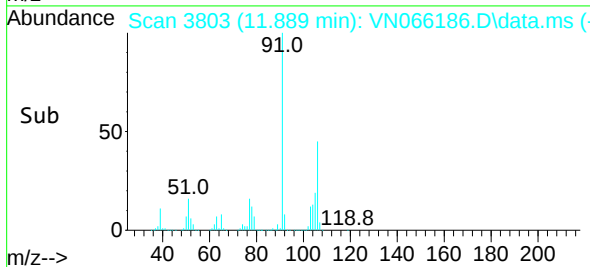
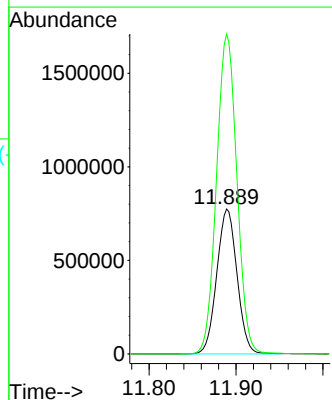
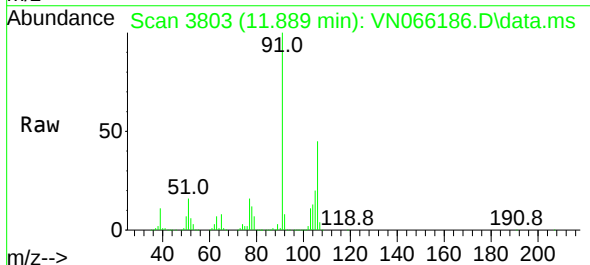
Instrument :
MSVOA_N
ClientSampled :

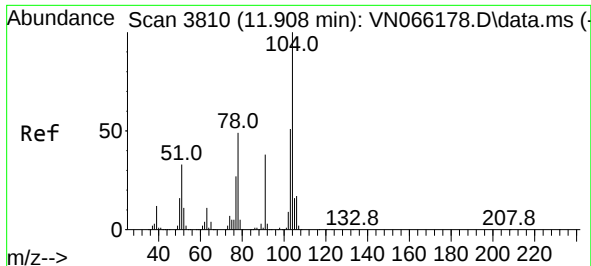
Tgt Ion:106 Resp: 441258
Ion Ratio Lower Upper
106 100
91 210.3 168.2 252.4



#69
o-Xylene
Concen: 172.13 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion:106 Resp: 1253503
Ion Ratio Lower Upper
106 100
91 222.0 111.8 335.3

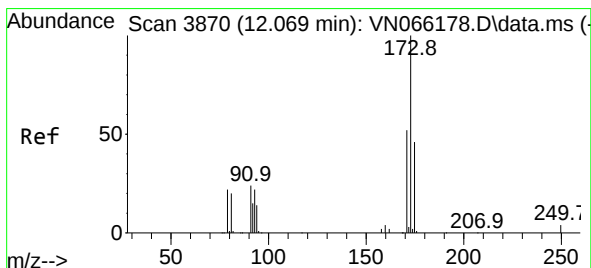
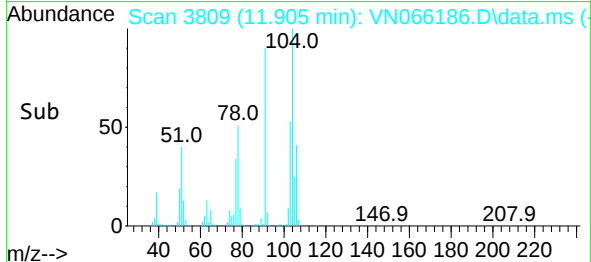
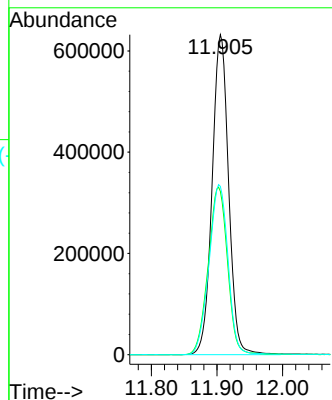
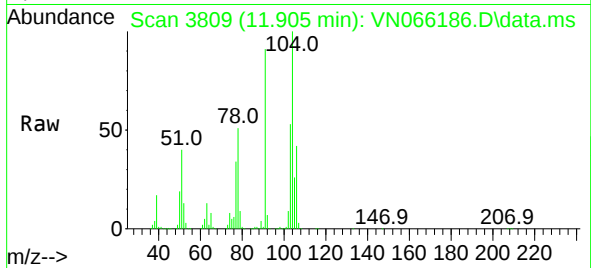




#70
Styrene
Concen: 79.66 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. -0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

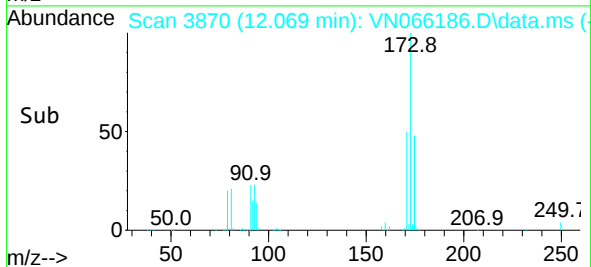
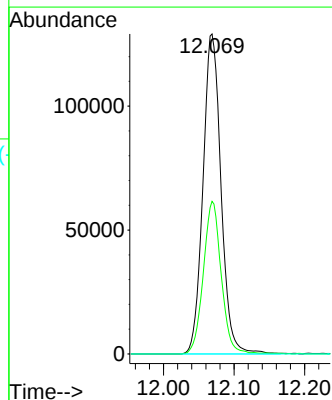
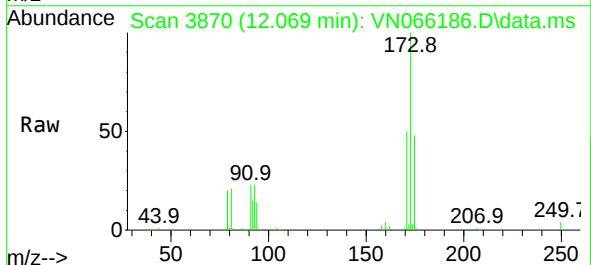
Instrument :
MSVOA_N
ClientSampled :

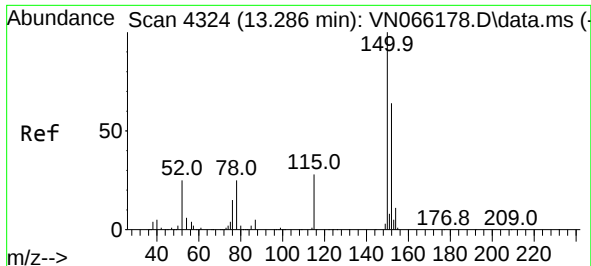
Tgt Ion:104 Resp: 1105330
Ion Ratio Lower Upper
104 100
78 61.0 43.8 65.6
103 61.4 43.7 65.5



#71
Bromoform
Concen: 61.26 ug/l
RT: 12.069 min Scan# 3870
Delta R.T. -0.002 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion:173 Resp: 230098
Ion Ratio Lower Upper
173 100
175 47.1 23.9 71.8
254 0.0 0.0 0.0

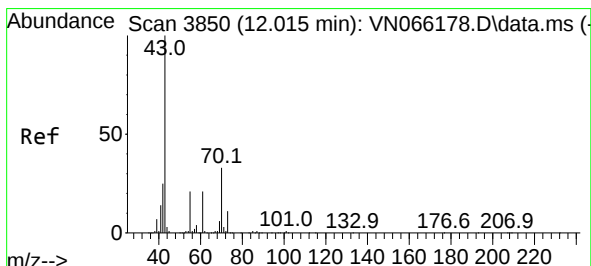
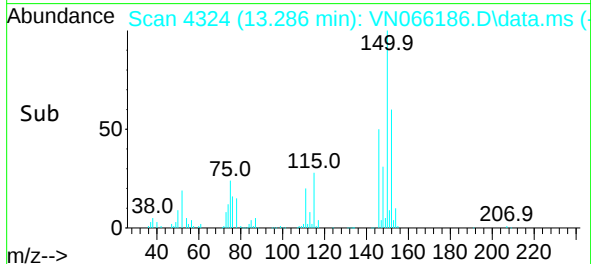
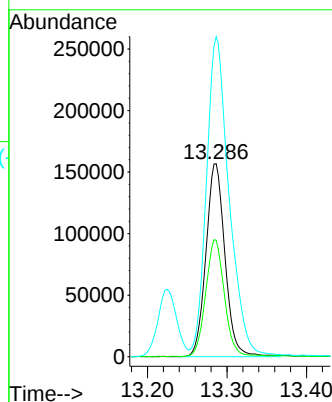
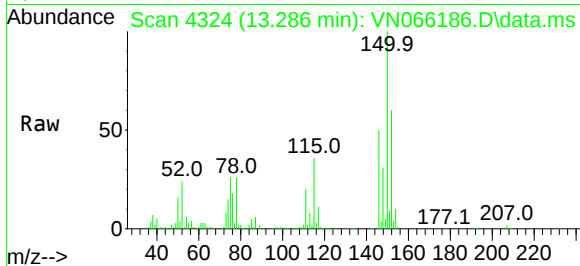




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

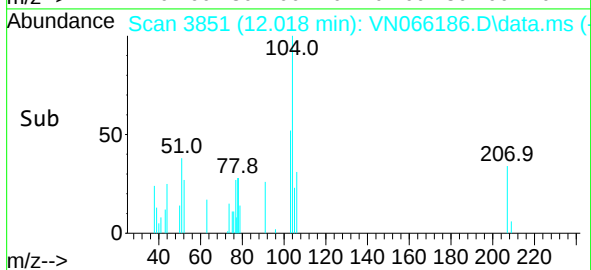
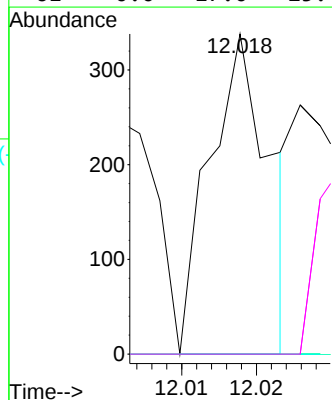
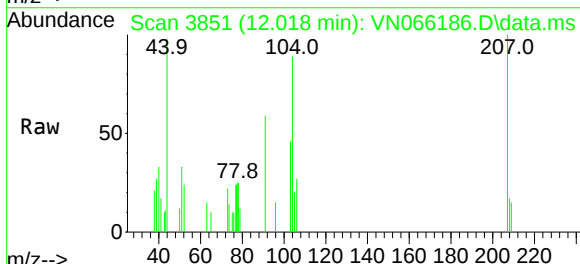
Instrument :
MSVOA_N
ClientSampleId :

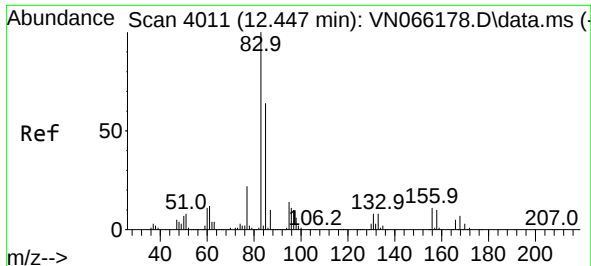
Tgt Ion:152 Resp: 261562
Ion Ratio Lower Upper
152 100
115 59.3 29.4 88.3
150 195.9 0.0 352.2



#74
N-ethyl acetate
Concen: 4.81 ug/l
RT: 12.018 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
70 0.0 26.2 39.4#
55 0.0 17.2 25.8#
61 0.0 17.0 25.4#

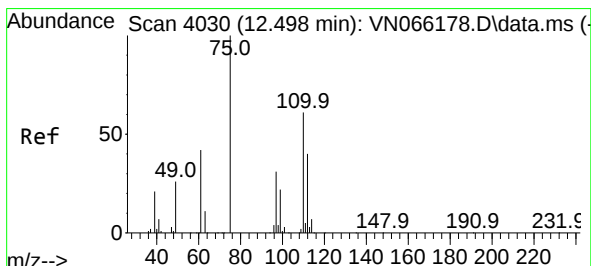
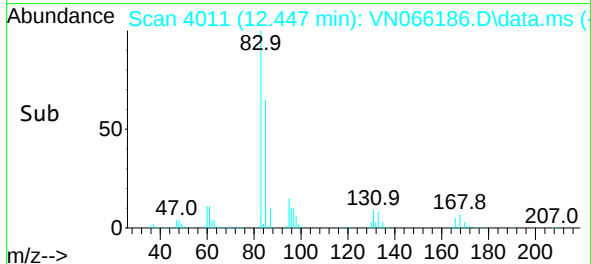
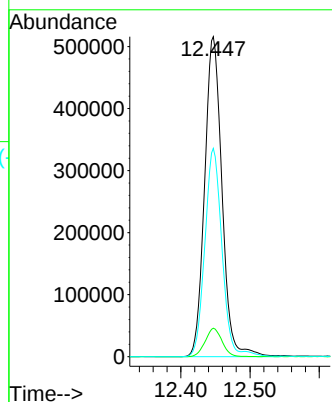
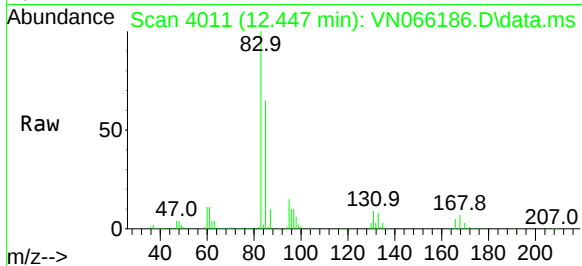




#75
 1,1,2,2-Tetrachloroethane
 Concen: 125.83 ug/l
 RT: 12.447 min Scan# 4011
 Delta R.T. -0.003 min
 Lab File: VN066186.D
 Acq: 12 Mar 2021 17:05

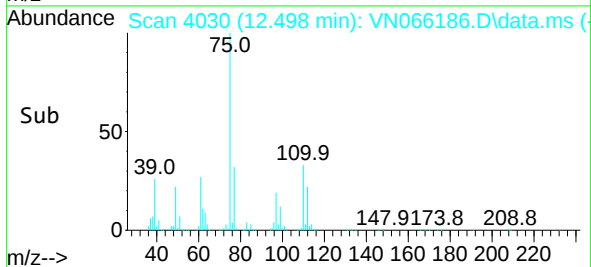
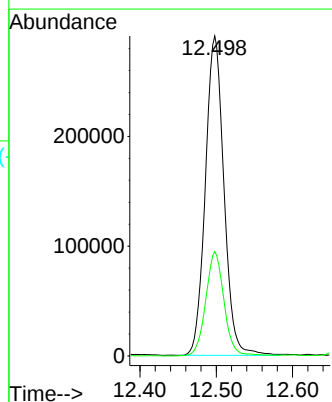
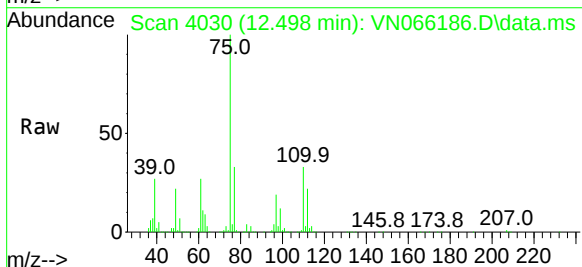
Instrument :
 MSVOA_N
 ClientSampled :

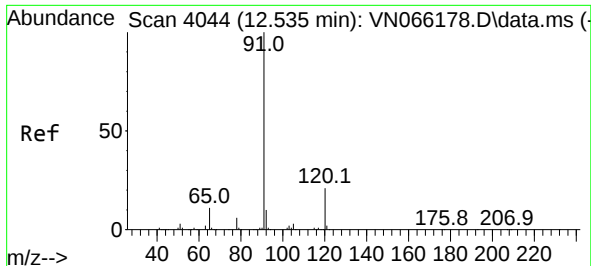
Tgt Ion: 83 Resp: 898502
 Ion Ratio Lower Upper
 83 100
 131 8.7 4.5 13.5
 85 63.0 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 80.00 ug/l
 RT: 12.498 min Scan# 4030
 Delta R.T. -0.000 min
 Lab File: VN066186.D
 Acq: 12 Mar 2021 17:05

Tgt Ion: 75 Resp: 493116
 Ion Ratio Lower Upper
 75 100
 77 32.3 0.0 0.0#

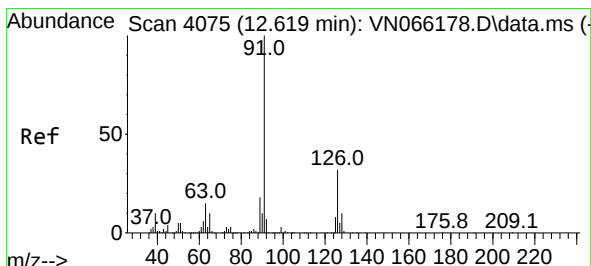
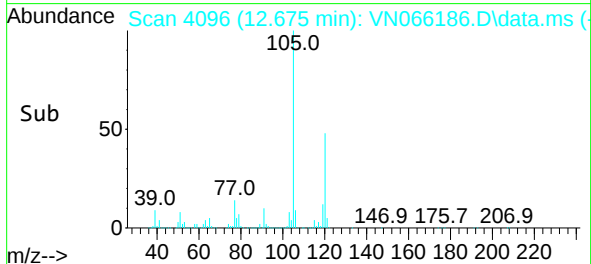
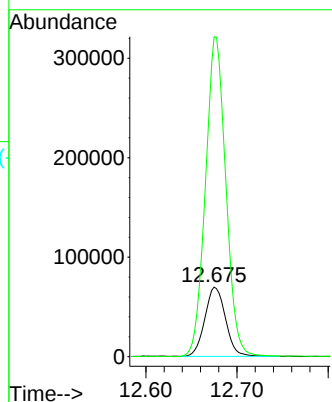
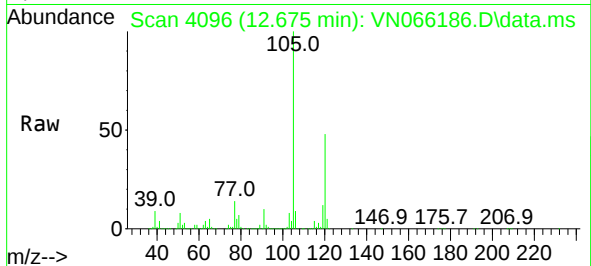




#78
n-propylbenzene
Concen: 4.82 ug/l
RT: 12.675 min Scan# 4096
Delta R.T. 0.140 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

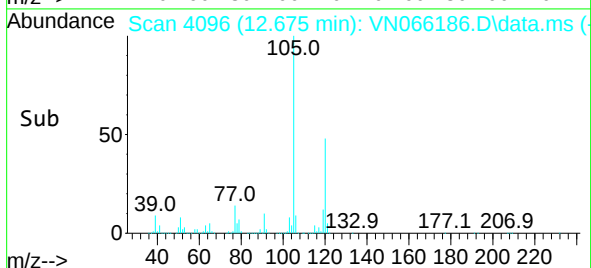
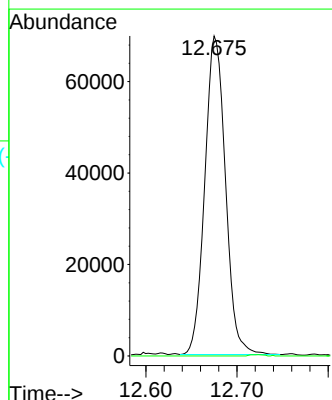
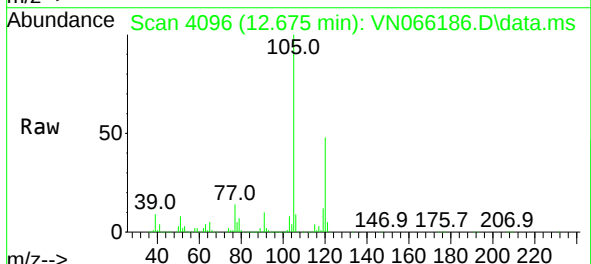
Instrument :
MSVOA_N
ClientSampled :

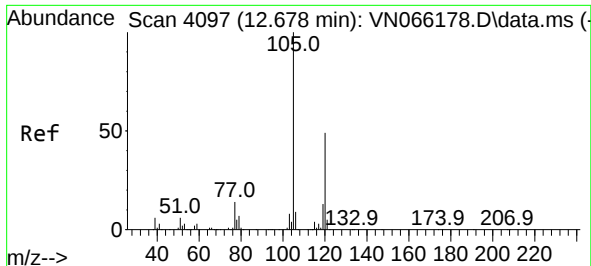
Tgt Ion: 91 Resp: 109765
Ion Ratio Lower Upper
91 100
120 457.0 10.8 32.4#



#79
2-Chlorotoluene
Concen: 7.69 ug/l
RT: 12.675 min Scan# 4096
Delta R.T. 0.057 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 91 Resp: 109765
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#

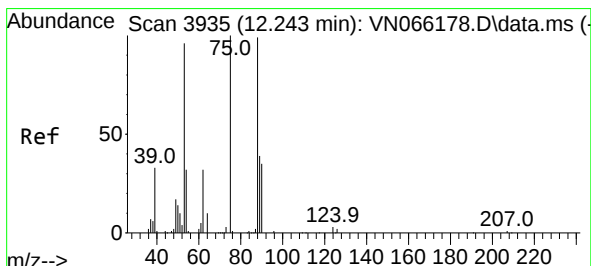
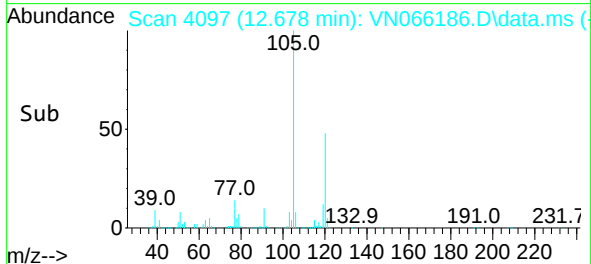
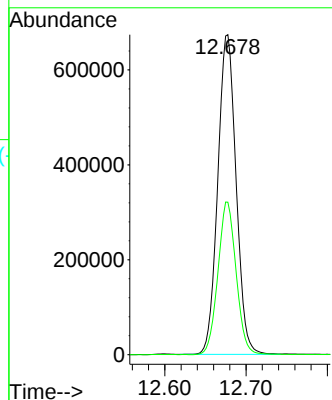
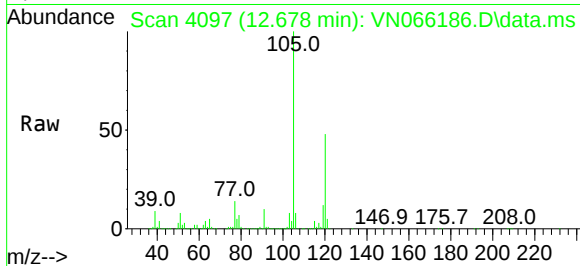




#80
1,3,5-Trimethylbenzene
Concen: 64.10 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

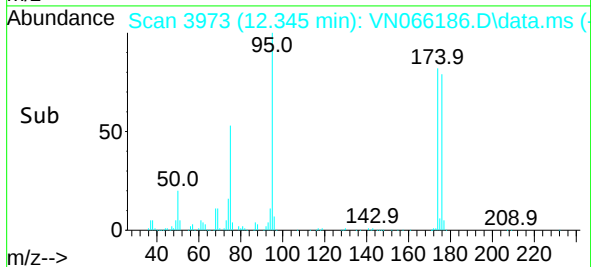
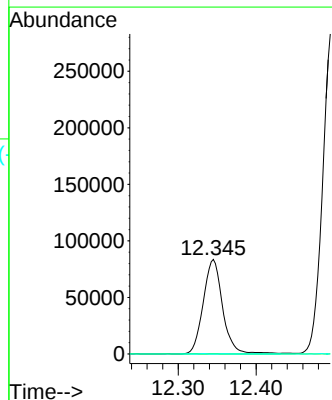
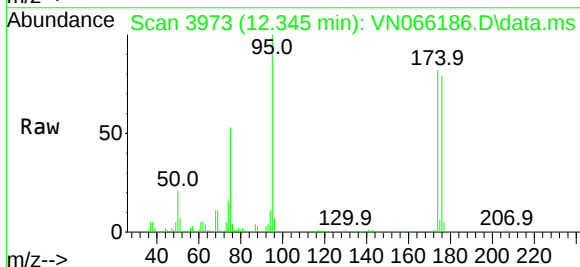
Instrument :
MSVOA_N
ClientSampled :

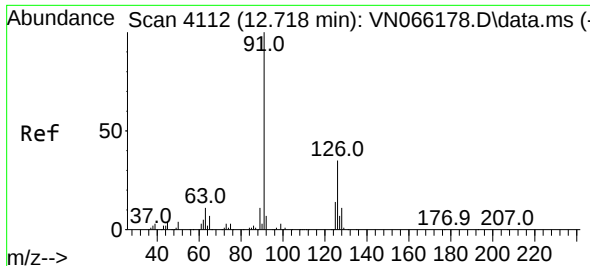
Tgt Ion:105 Resp: 1055109
Ion Ratio Lower Upper
105 100
120 47.5 23.9 71.8



#81
trans-1,4-Dichloro-2-butene
Concen: 62.03 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.099 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 75 Resp: 145196
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.6#
89 0.1 33.7 50.5#

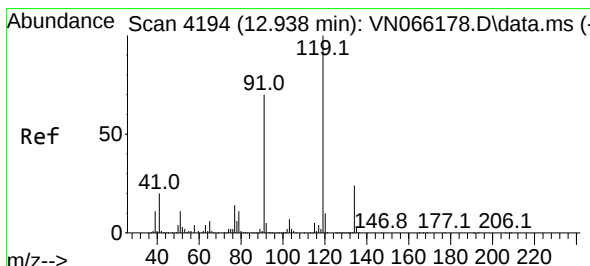
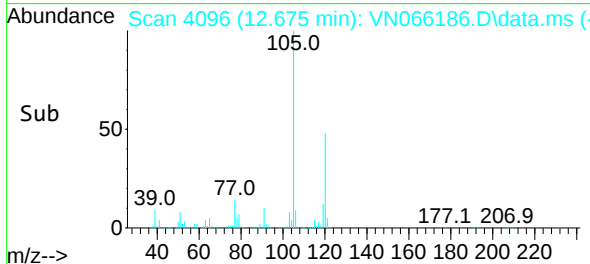
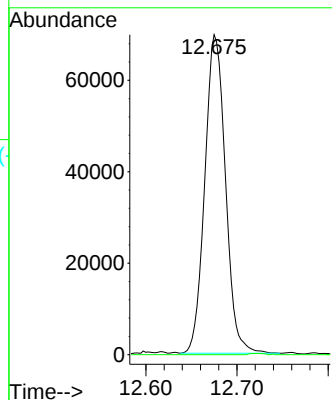
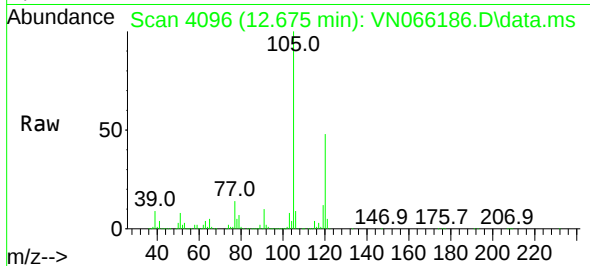




#82
4-Chlorotoluene
Concen: 7.80 ug/l
RT: 12.675 min Scan# 4096
Delta R.T. -0.043 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

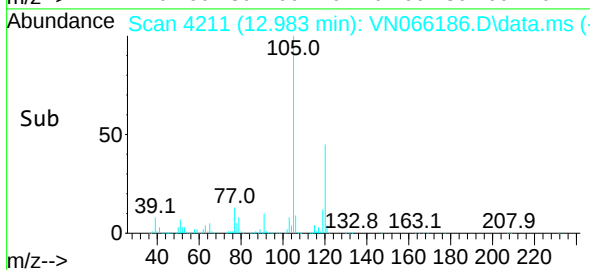
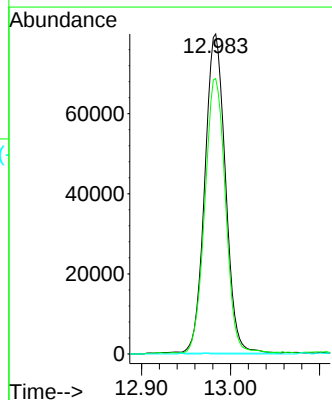
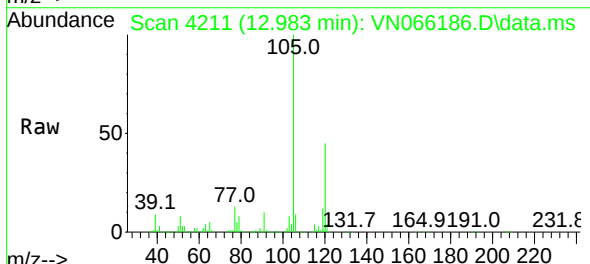
Instrument :
MSVOA_N
ClientSampleId :

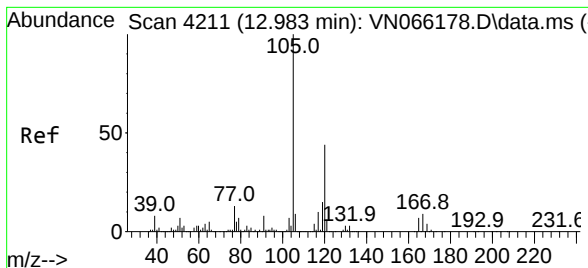
Tgt Ion: 91 Resp: 109765
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#



#83
tert-Butylbenzene
Concen: 9.22 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.045 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion: 119 Resp: 128004
Ion Ratio Lower Upper
119 100
91 86.2 33.7 101.1
134 0.1 12.3 36.9#

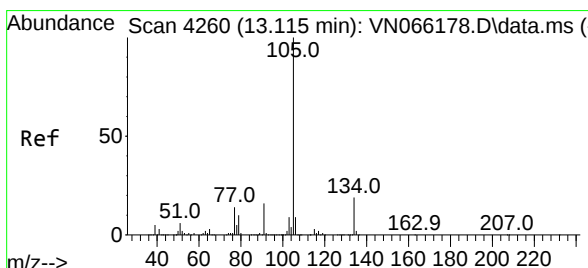
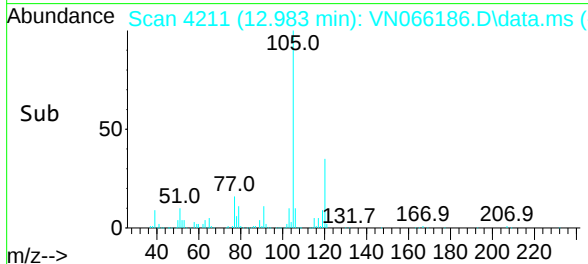
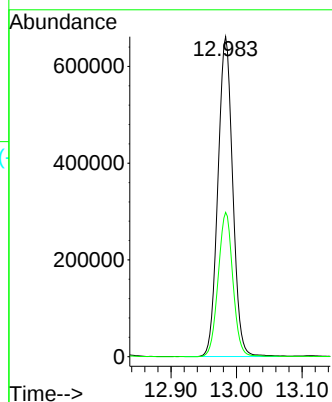
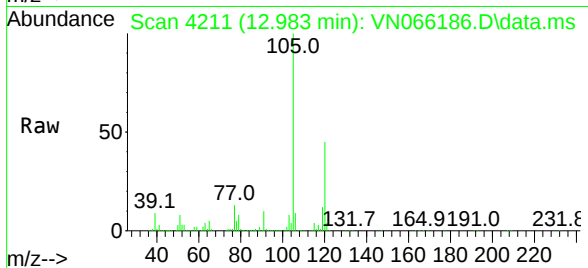




#84
1,2,4-Trimethylbenzene
Concen: 63.48 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

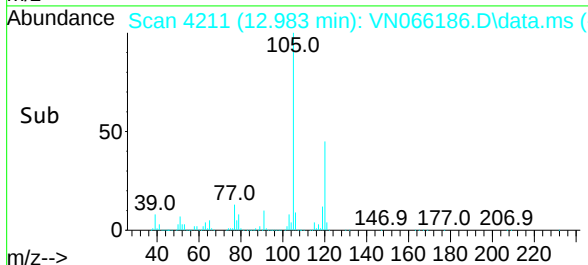
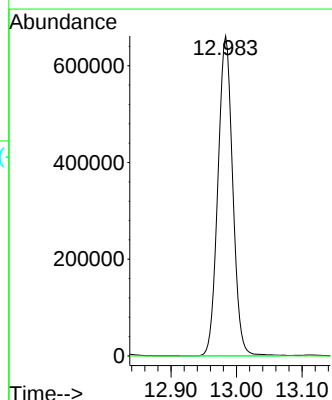
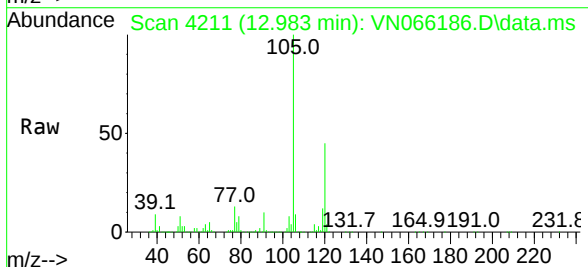
Instrument :
MSVOA_N
ClientSampled :

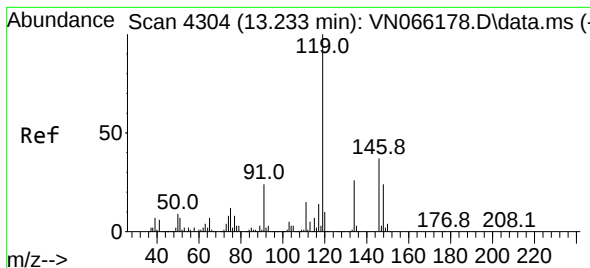
Tgt Ion:105 Resp: 1035070
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.5



#85
sec-Butylbenzene
Concen: 55.88 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.132 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion:105 Resp: 1035070
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.8#

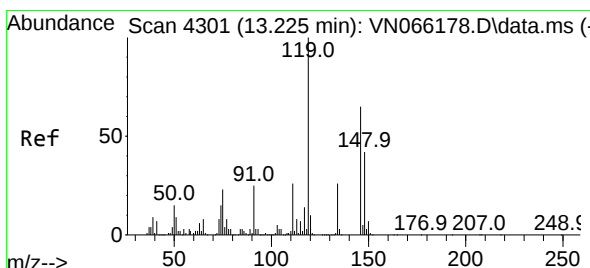
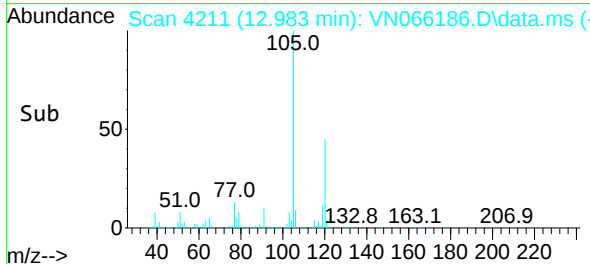
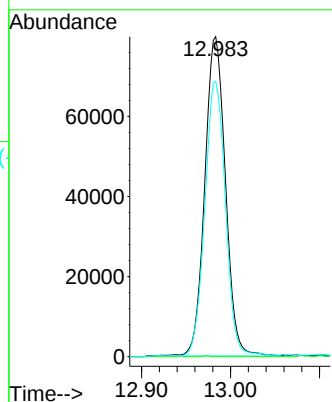
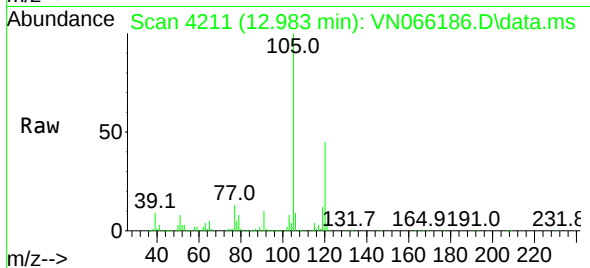




#86
p-Isopropyltoluene
Concen: 7.84 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.250 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

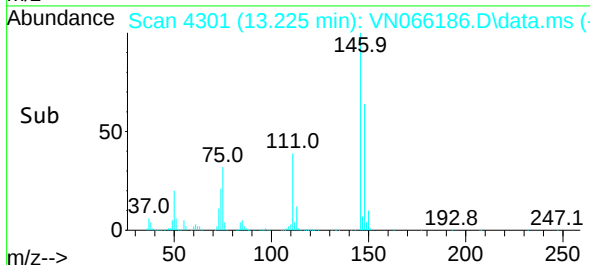
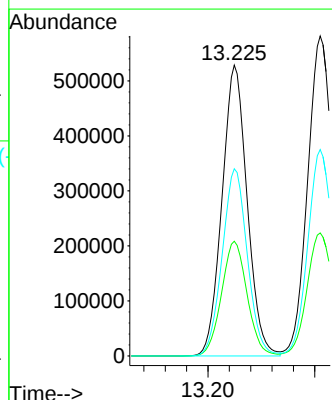
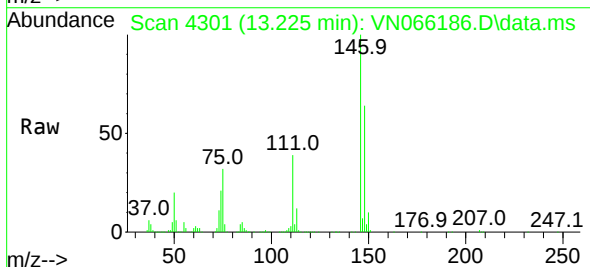
Instrument :
MSVOA_N
ClientSampled :

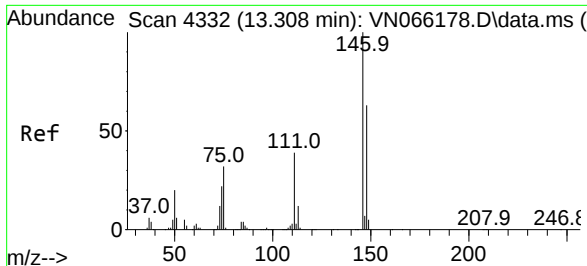
Tgt Ion:119 Resp: 128004
Ion Ratio Lower Upper
119 100
134 0.1 13.1 39.1#
91 86.2 12.0 36.0#



#87
1,3-Dichlorobenzene
Concen: 101.07 ug/l
RT: 13.225 min Scan# 4301
Delta R.T. -0.002 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion:146 Resp: 864696
Ion Ratio Lower Upper
146 100
111 40.2 20.3 61.0
148 64.4 32.4 97.2

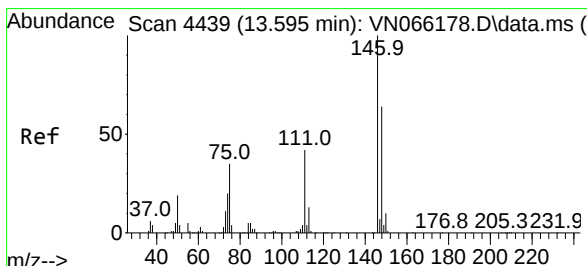
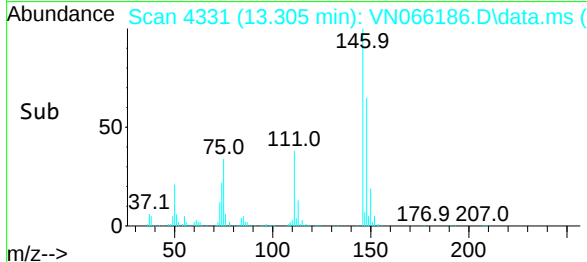
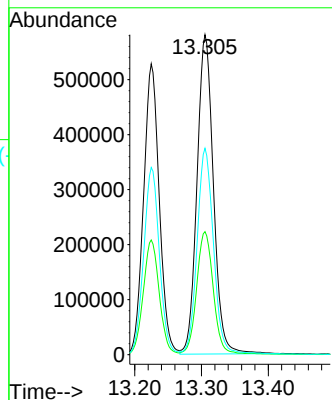
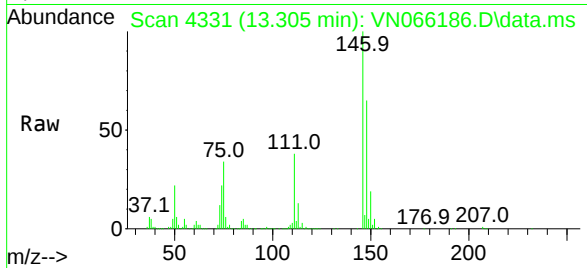




#88
1,4-Dichlorobenzene
Concen: 112.94 ug/l
RT: 13.305 min Scan# 4331
Delta R.T. -0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

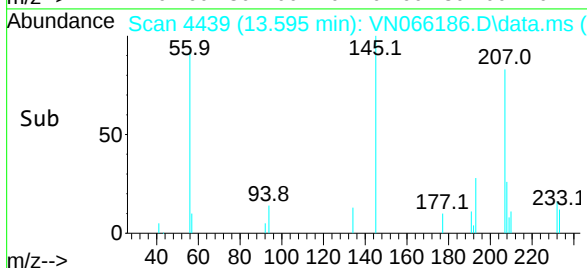
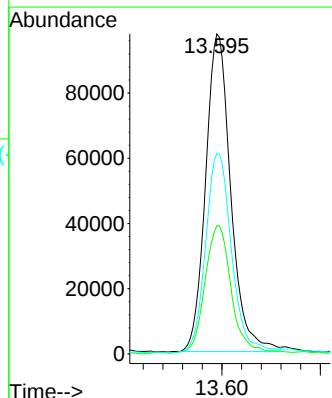
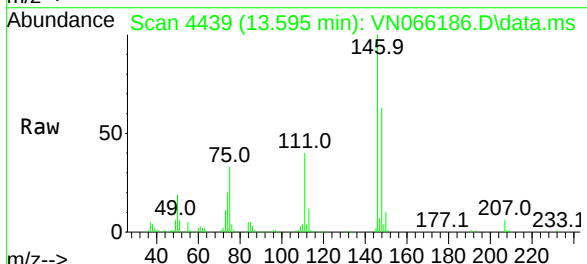
Instrument :
MSVOA_N
ClientSampled :

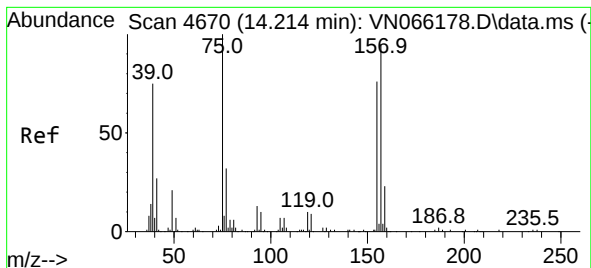
Tgt Ion:146 Resp: 991310
Ion Ratio Lower Upper
146 100
111 38.3 19.9 59.7
148 63.0 33.2 99.6



#91
1,2-Dichlorobenzene
Concen: 20.56 ug/l
RT: 13.595 min Scan# 4439
Delta R.T. -0.000 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion:146 Resp: 173153
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.7
148 64.8 31.2 93.6

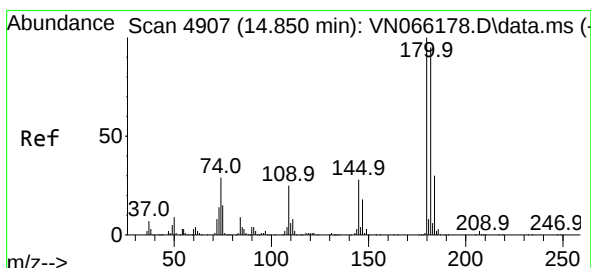
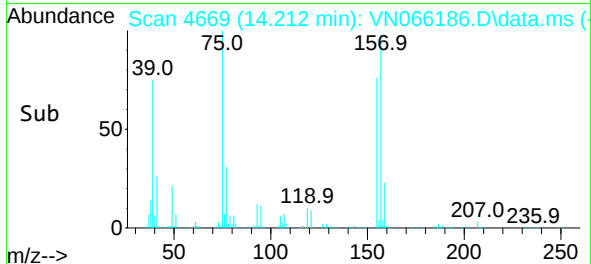
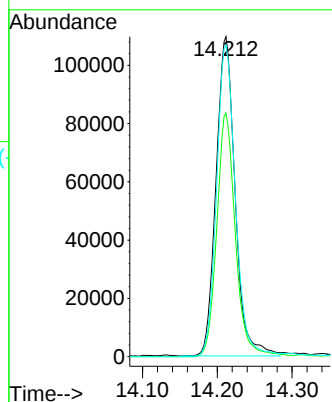
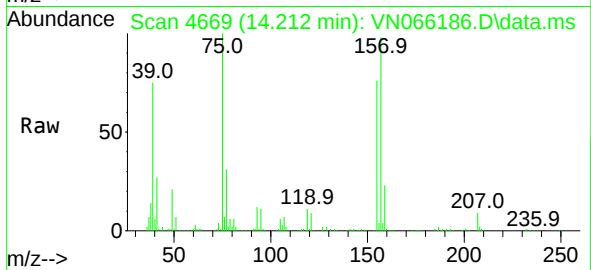




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 131.65 ug/l
 RT: 14.212 min Scan# 4669
 Delta R.T. -0.002 min
 Lab File: VN066186.D
 Acq: 12 Mar 2021 17:05

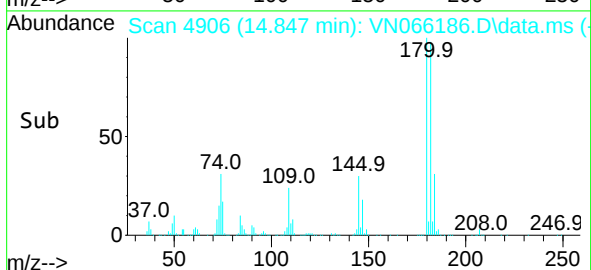
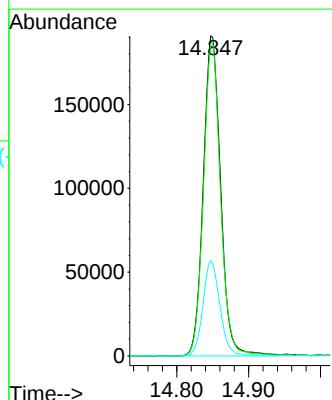
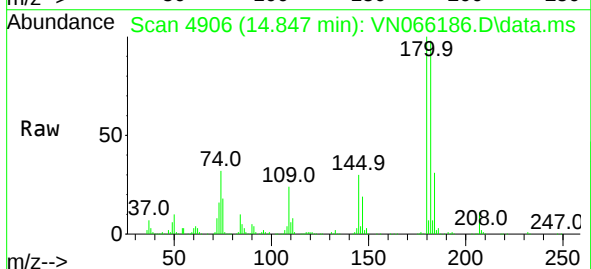
Instrument :
 MSVOA_N
 ClientSampleId :

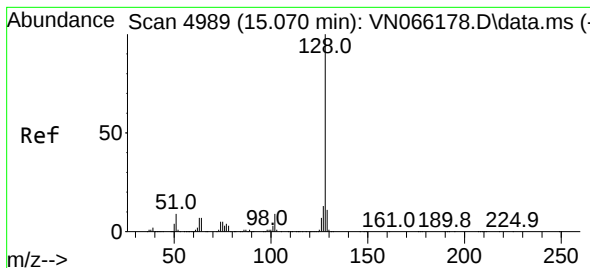
Tgt Ion: 75 Resp: 194140
 Ion Ratio Lower Upper
 75 100
 155 74.5 36.5 109.7
 157 96.7 46.3 138.8



#93
 1,2,4-Trichlorobenzene
 Concen: 57.33 ug/l
 RT: 14.847 min Scan# 4906
 Delta R.T. -0.003 min
 Lab File: VN066186.D
 Acq: 12 Mar 2021 17:05

Tgt Ion:180 Resp: 321881
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.4 142.2
 145 28.9 14.1 42.3

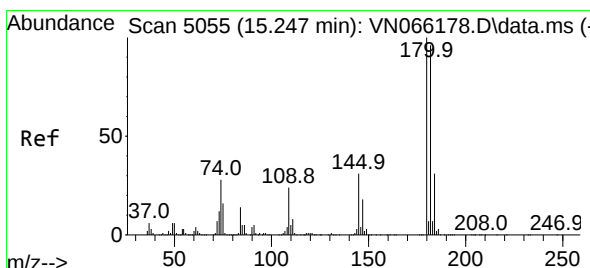
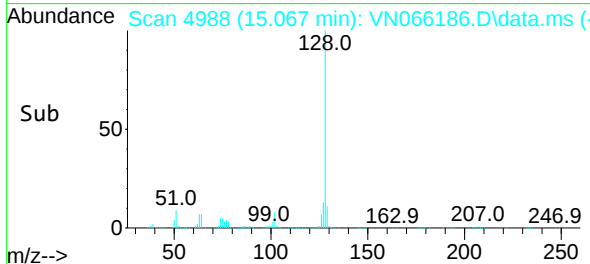
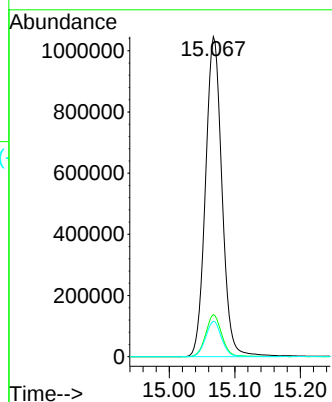
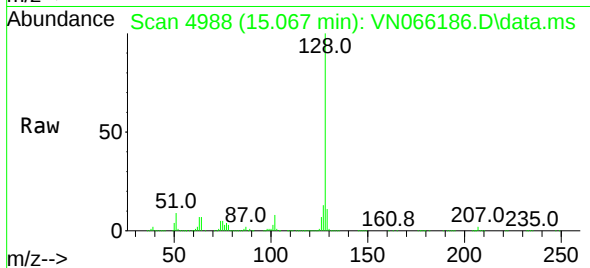




#95
Naphthalene
Concen: 110.37 ug/l
RT: 15.067 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 1825086
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 2.14 ug/l
RT: 15.255 min Scan# 5058
Delta R.T. 0.008 min
Lab File: VN066186.D
Acq: 12 Mar 2021 17:05

Tgt Ion:180 Resp: 1401
Ion Ratio Lower Upper
180 100
182 129.6 47.9 143.8
145 54.5 15.6 46.8#

