

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066285.D
 Acq On : 19 Mar 2021 17:01
 Operator : JC/MD
 Sample : M1712-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NEW-BLOCK-FLOOR-PAT

Quant Time: Mar 20 05:00:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

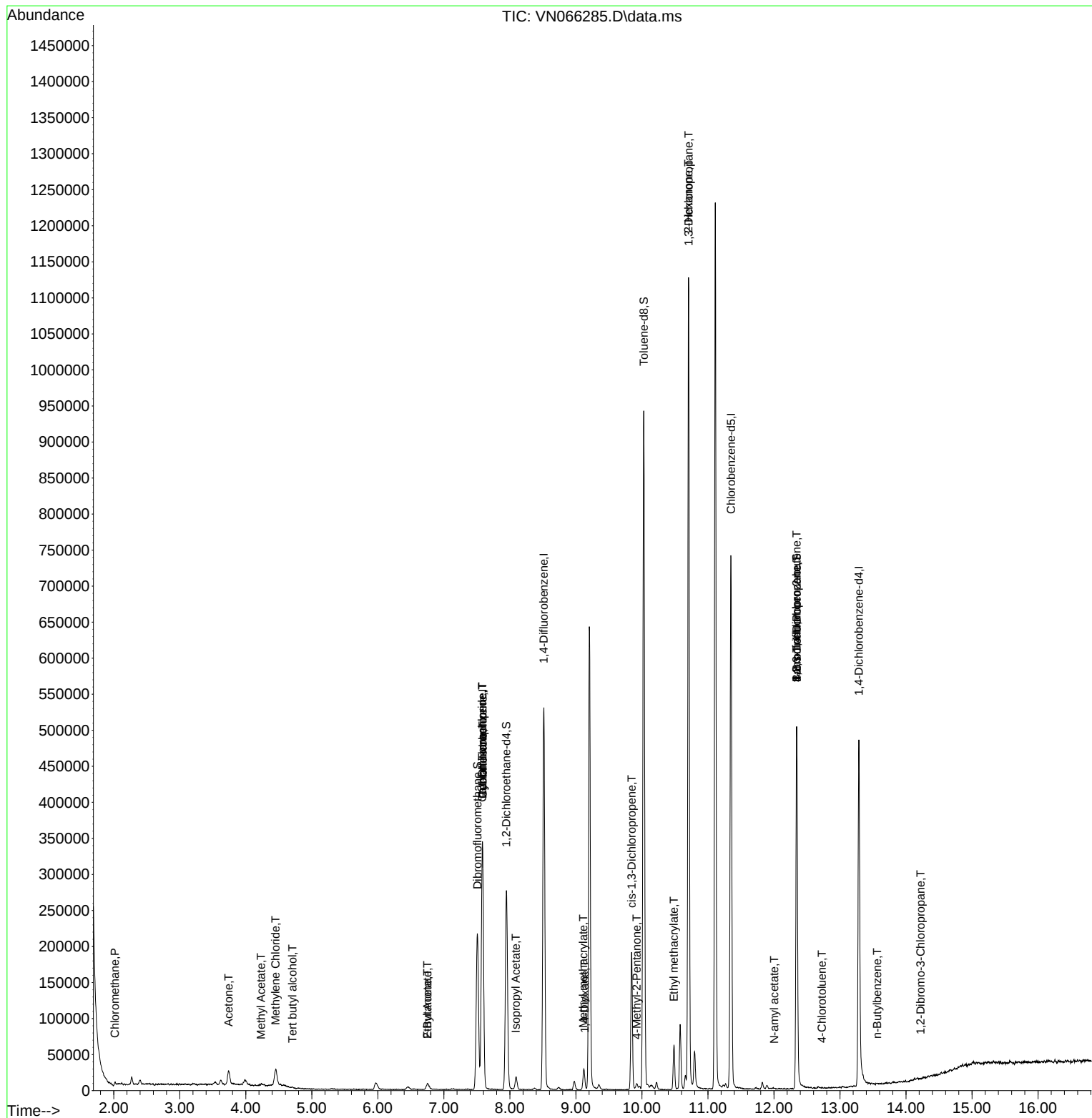
Internal Standards						
1) Pentafluorobenzene	7.587	168	291313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	470591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	452548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	155964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	233642	55.67	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.34%			
35) Dibromofluoromethane	7.509	113	165168	55.02	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.04%			
50) Toluene-d8	10.028	98	650433	56.03	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.06%#			
62) 4-Bromofluorobenzene	12.345	95	176027	42.07	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.14%			
Target Compounds						Qvalue
3) Chloromethane	2.017	50	2508	0.23	ug/l	98
11) Tert butyl alcohol	4.709	59	421	0.59	ug/l #	89
13) Acrolein	3.540	56	2798	Below Cal	#	58
16) Acetone	3.738	43	34254	16.99	ug/l	95
18) Methyl Acetate	4.232	43	1283	0.23	ug/l #	80
20) Methylene Chloride	4.452	84	13543	4.29	ug/l	91
25) 2-Butanone	6.750	43	11203	3.58	ug/l #	85
31) Cyclohexane	7.587	56	6065	0.96	ug/l #	1
36) 1,1-Dichloropropene	7.584	75	22433	4.71	ug/l #	47
37) Ethyl Acetate	6.750	43	11203	1.64	ug/l #	73
38) Carbon Tetrachloride	7.582	117	24855	5.82	ug/l #	18
43) Isopropyl Acetate	8.091	43	20851	1.98	ug/l	97
48) Methyl methacrylate	9.113	41	7959	1.59	ug/l #	34
49) 1,4-Dioxane	9.135	88	147	2.71	ug/l #	1
51) 4-Methyl-2-Pentanone	9.920	43	4931	0.77	ug/l #	71
54) cis-1,3-Dichloropropene	9.845	75	32576	5.27	ug/l #	54
56) Ethyl methacrylate	10.484	69	683	2.27	ug/l #	1
57) 1,3-Dichloropropane	10.709	76	10860	1.77	ug/l #	43
59) 2-Hexanone	10.706	43	154798	32.27	ug/l #	60
71) Bromoform	12.345	173	1868	0.69	ug/l #	1
74) N-amyl acetate	12.004	43	210	2.19	ug/l #	49
76) 1,2,3-Trichloropropane	12.345	75	81610	20.26	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	81610	60.63	ug/l #	11
82) 4-Chlorotoluene	12.726	91	62	0.48	ug/l #	43
89) n-Butylbenzene	13.565	91	217	2.26	ug/l #	58
92) 1,2-Dibromo-3-Chloropr...	14.222	75	231	1.10	ug/l #	8

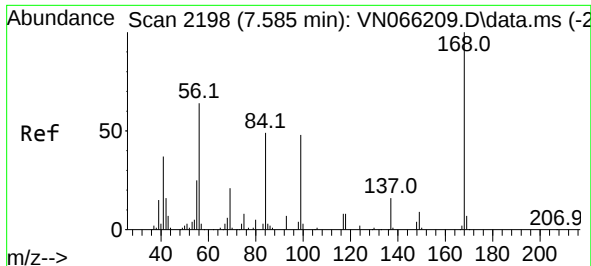
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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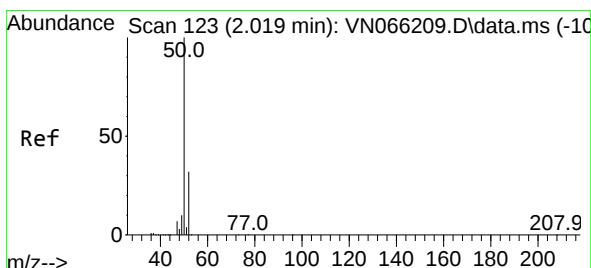
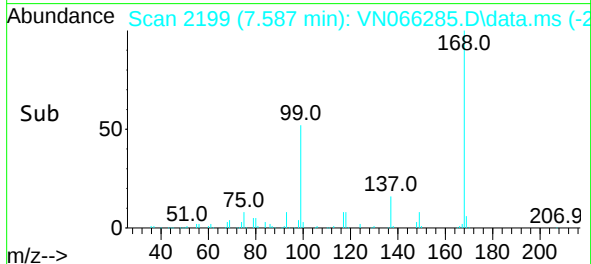
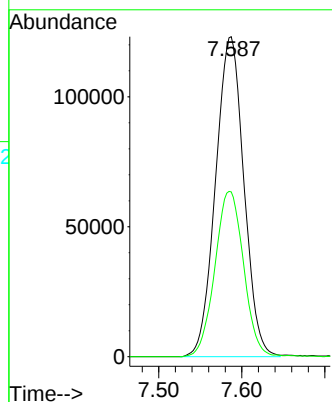
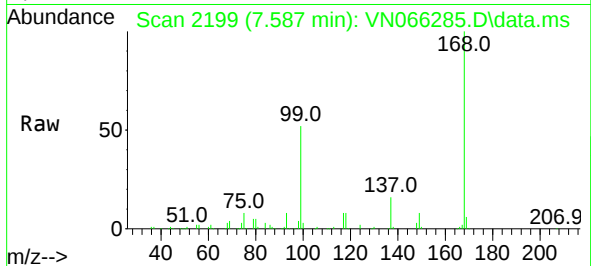




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.002 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

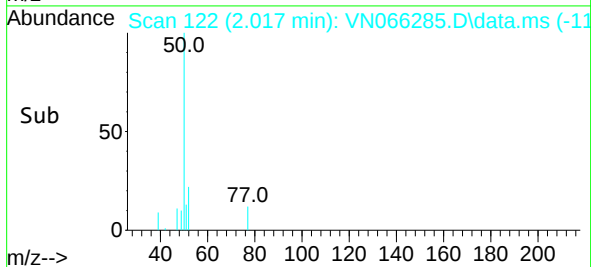
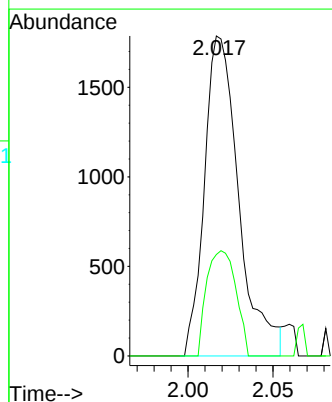
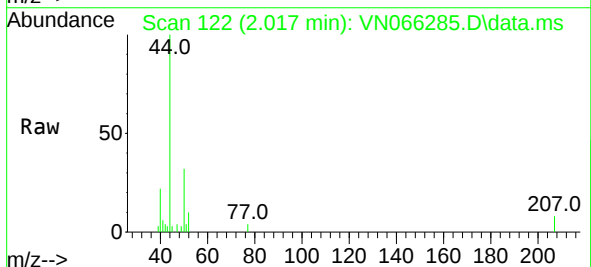
Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

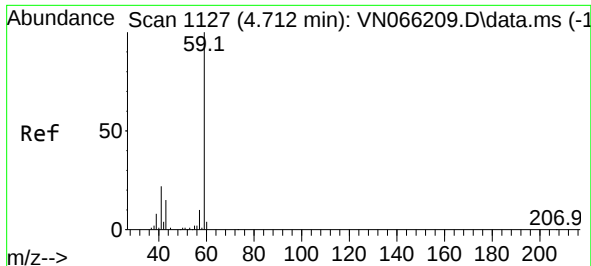
Tgt Ion:168 Resp: 291313
Ion Ratio Lower Upper
168 100
99 51.5 45.4 68.0



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.017 min Scan# 122
Delta R.T. -0.002 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Tgt Ion: 50 Resp: 2508
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.4



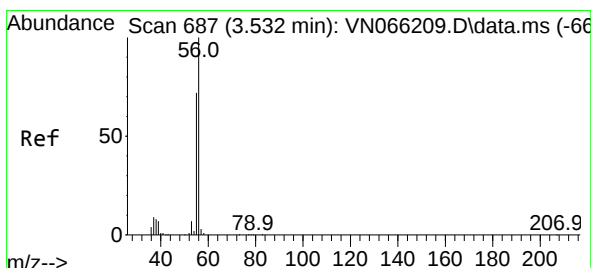
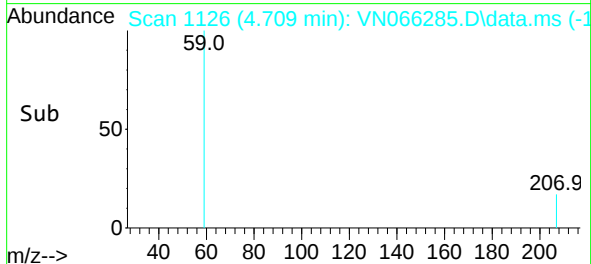
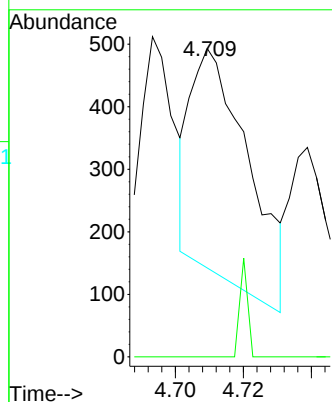
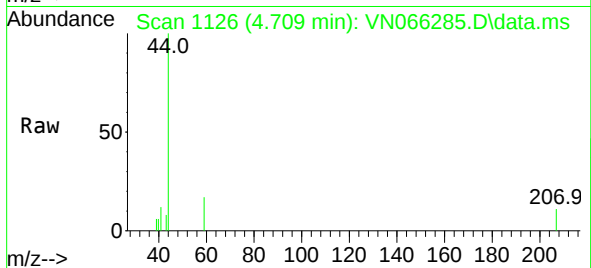


#11

Tert butyl alcohol
Concen: 0.59 ug/l
RT: 4.709 min Scan# 1126
Delta R.T. -0.003 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

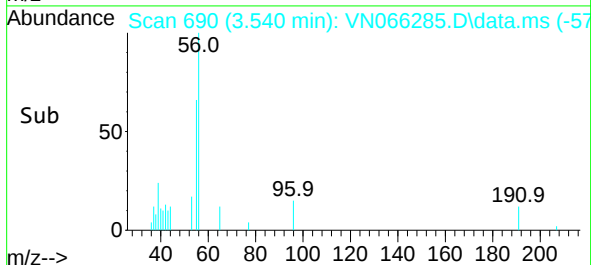
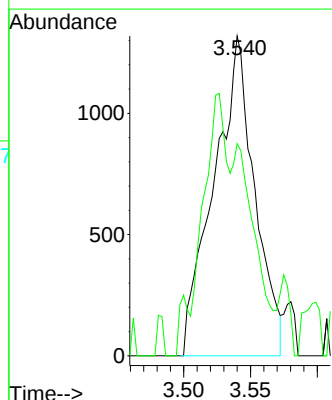
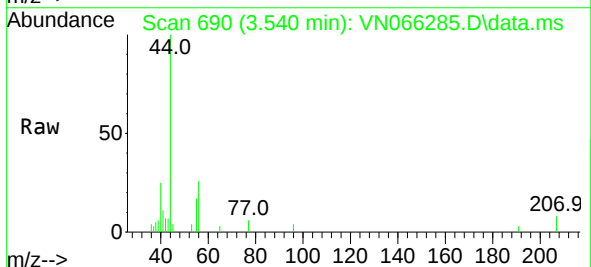
Tgt Ion: 59 Resp: 421
Ion Ratio Lower Upper
59 100
57 5.9 8.0 12.0#

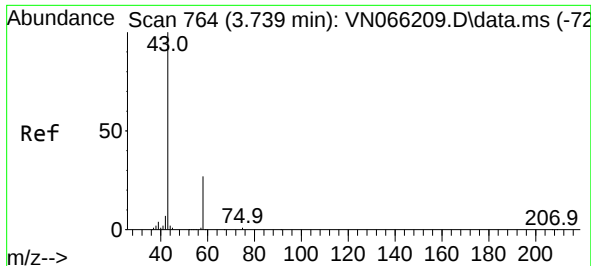


#13

Acrolein
Concen: Below Cal
RT: 3.540 min Scan# 690
Delta R.T. 0.008 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Tgt Ion: 56 Resp: 2798
Ion Ratio Lower Upper
56 100
55 37.5 58.0 87.0#

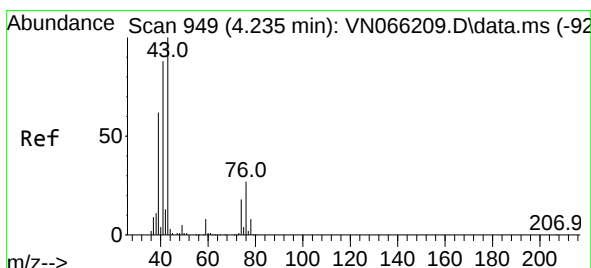
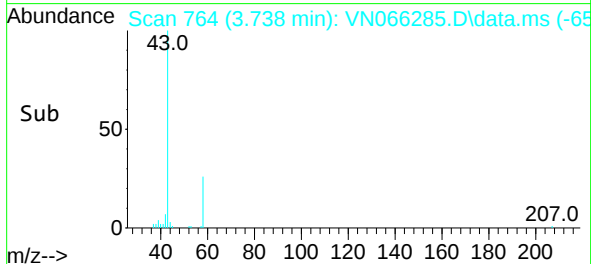
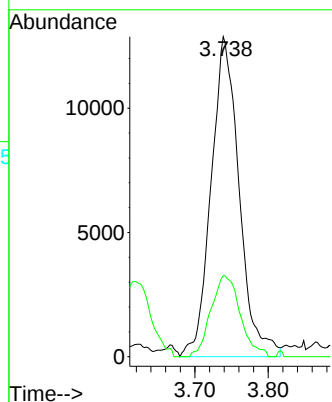
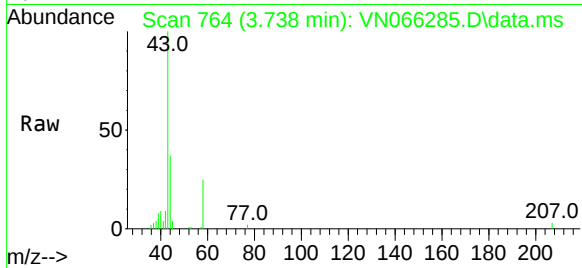




#16
Acetone
Concen: 16.99 ug/l
RT: 3.738 min Scan# 764
Delta R.T. -0.001 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

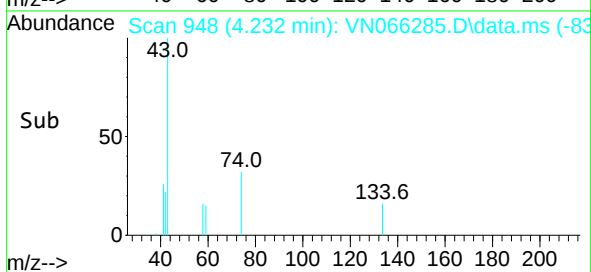
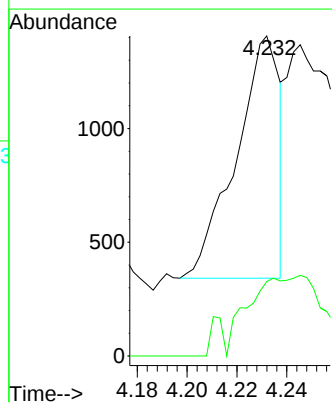
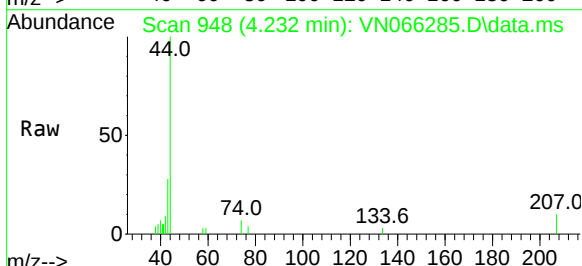
Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

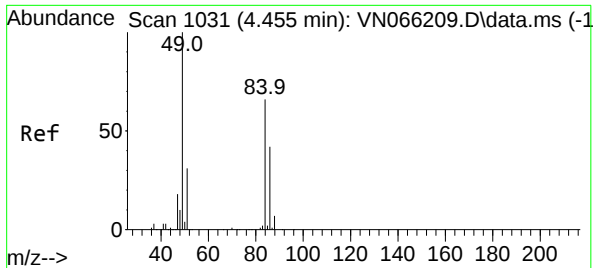
Tgt Ion: 43 Resp: 34254
Ion Ratio Lower Upper
43 100
58 25.4 22.3 33.5



#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 4.232 min Scan# 948
Delta R.T. -0.003 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Tgt Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
74 26.5 14.2 21.2#

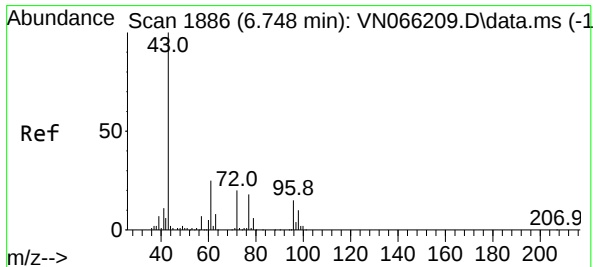
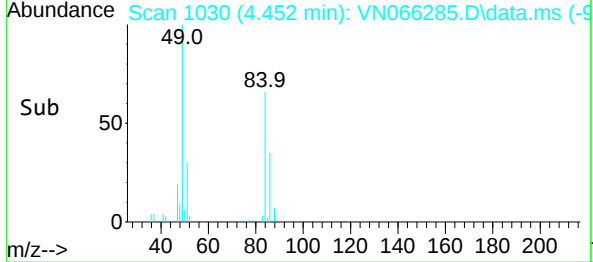
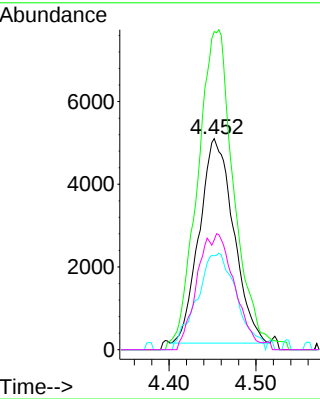
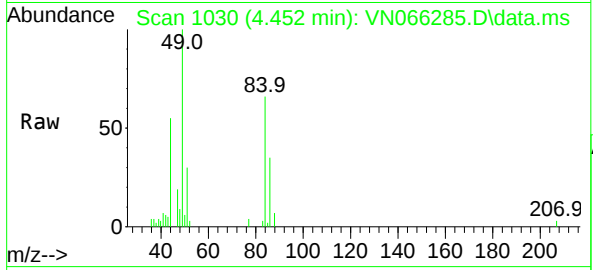




#20
Methylene Chloride
Concen: 4.29 ug/l
RT: 4.452 min Scan# 1030
Delta R.T. -0.003 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

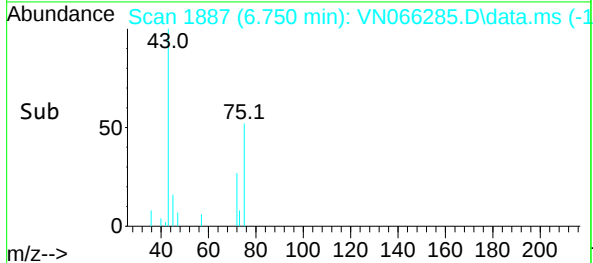
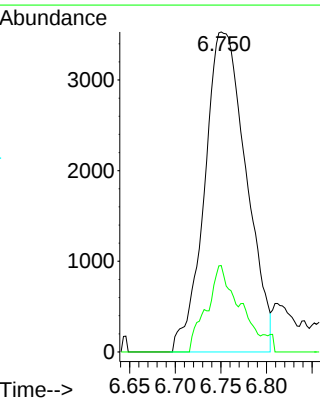
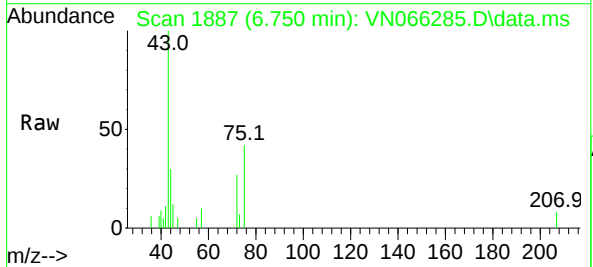
Instrument :
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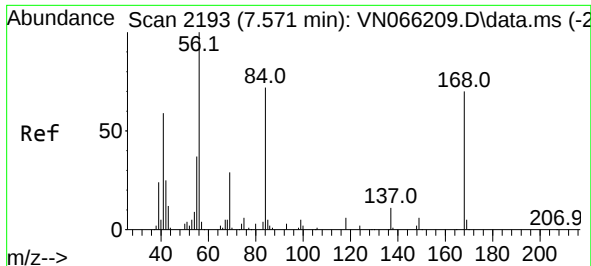
Tgt Ion:	84	Resp:	13543
Ion	Ratio	Lower	Upper
84	100		
49	151.4	130.0	195.0
51	45.9	39.1	58.7
86	53.7	50.9	76.3



#25
2-Butanone
Concen: 3.58 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.002 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

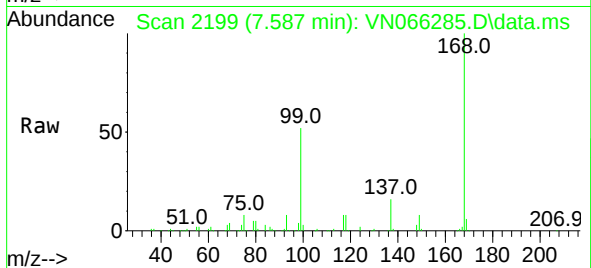
Tgt Ion:	43	Resp:	11203
Ion	Ratio	Lower	Upper
43	100		
72	27.0	16.2	24.2



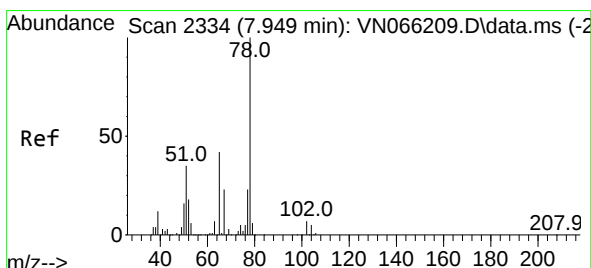
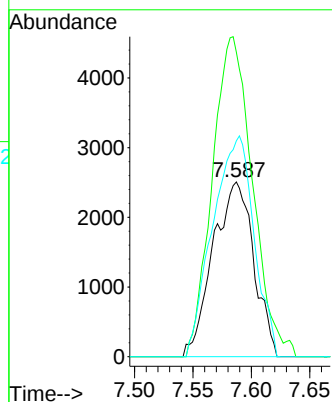
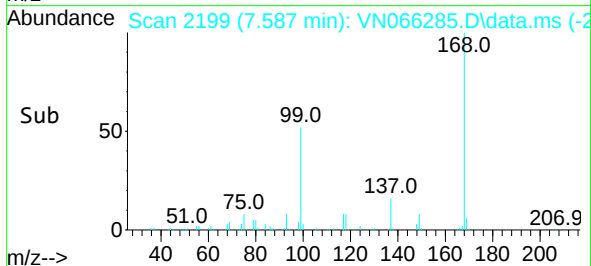


#31
Cyclohexane
Concen: 0.96 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.016 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

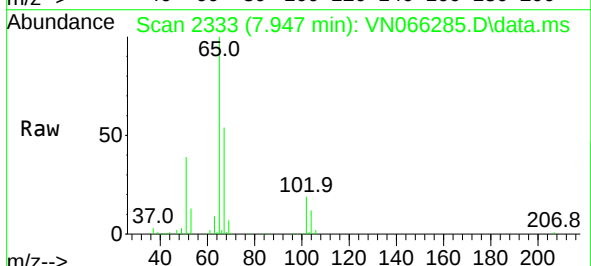
Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT



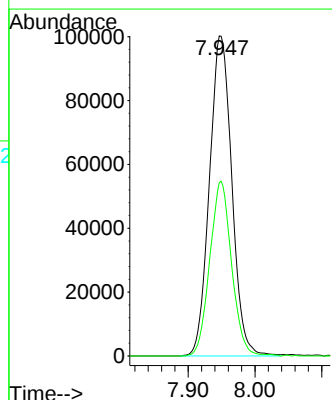
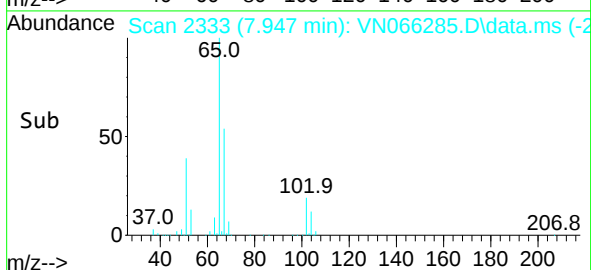
Tgt Ion	Ratio	Lower	Upper
56	100		
69	174.3	23.4	35.0#
84	123.6	57.8	86.6#

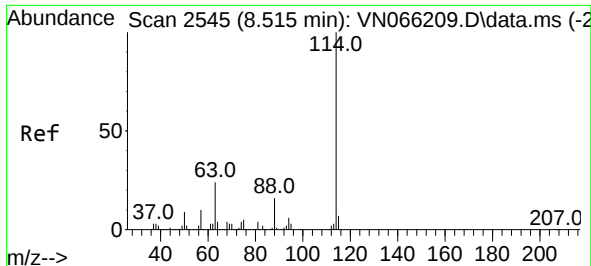


#33
1,2-Dichloroethane-d4
Concen: 55.67 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.002 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01



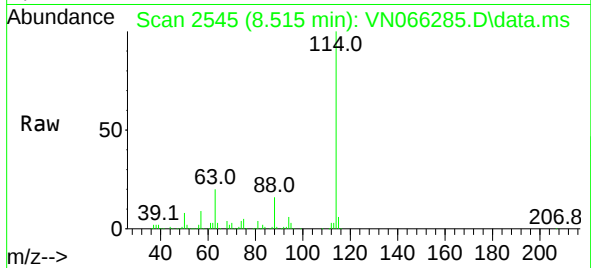
Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.2



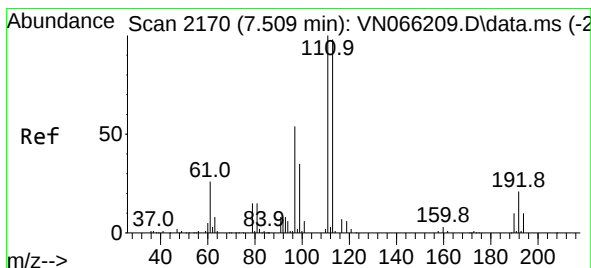
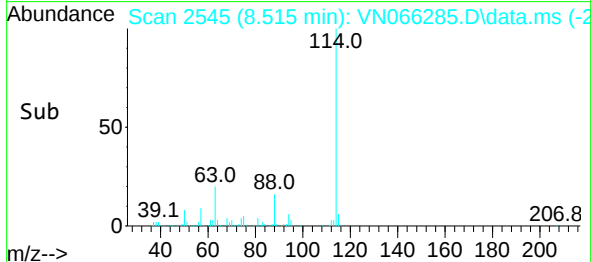
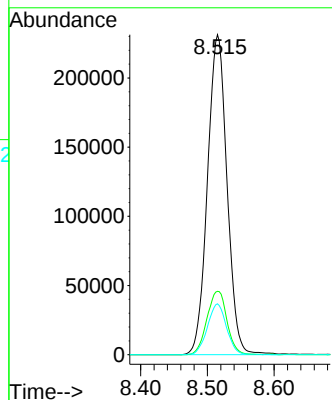


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Instrument :
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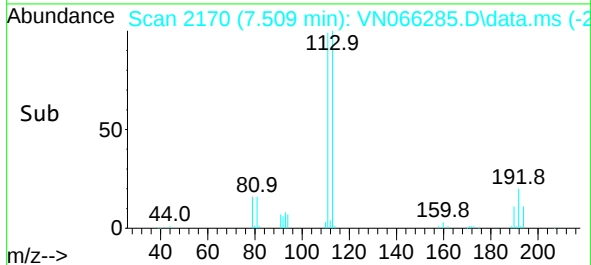
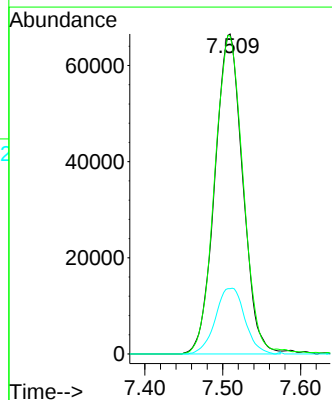
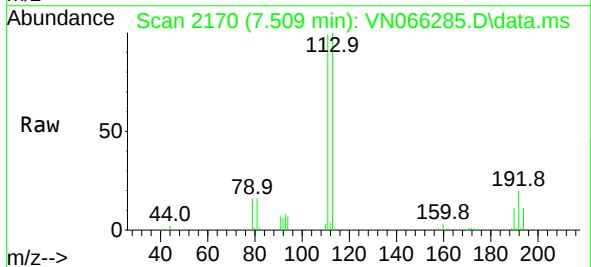


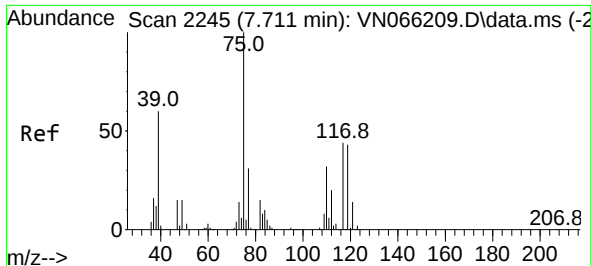
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	49.2
88	15.9	0.0	33.8



#35
Dibromofluoromethane
Concen: 55.02 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

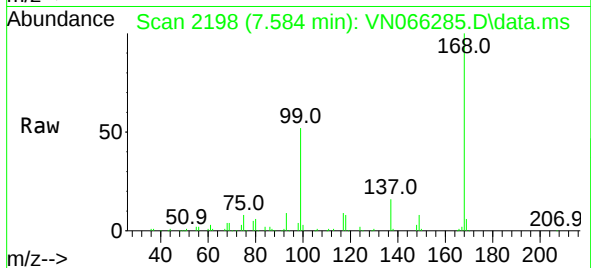
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	84.0	126.0
192	21.7	16.7	25.1



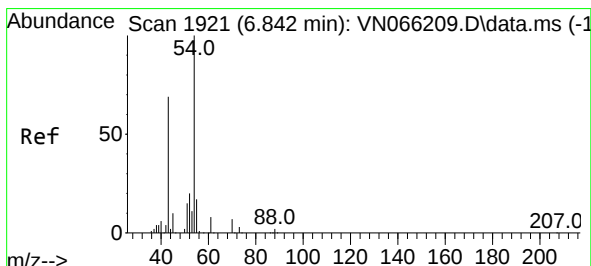
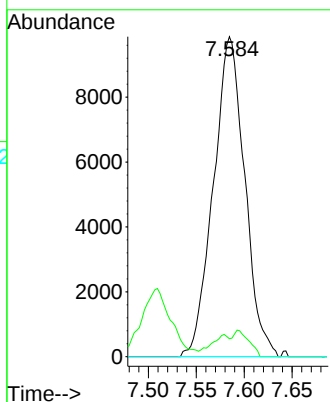
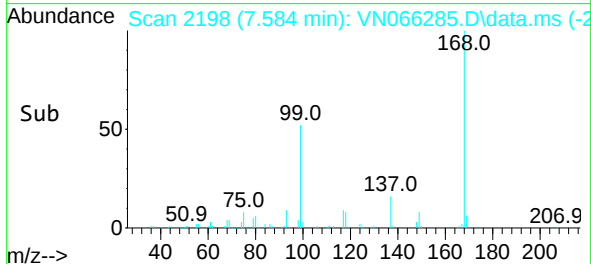


#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.127 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

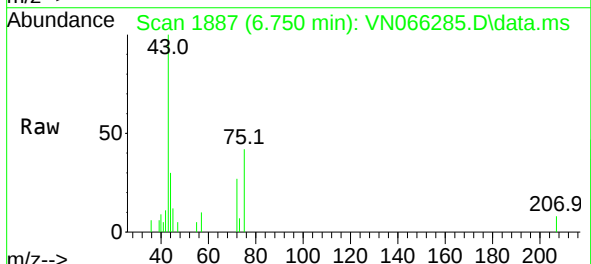
Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT



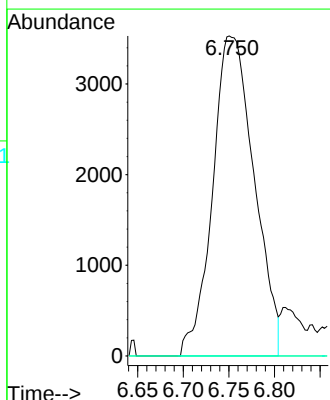
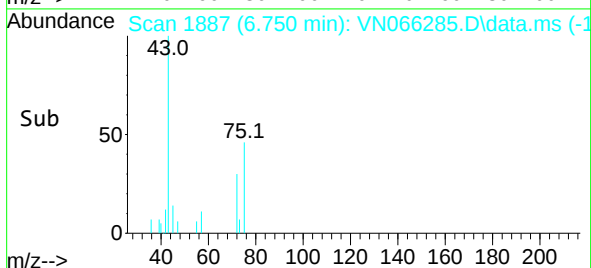
Tgt Ion: 75 Resp: 22433
Ion Ratio Lower Upper
75 100
110 3.9 16.0 48.0#
77 0.0 24.9 37.3#

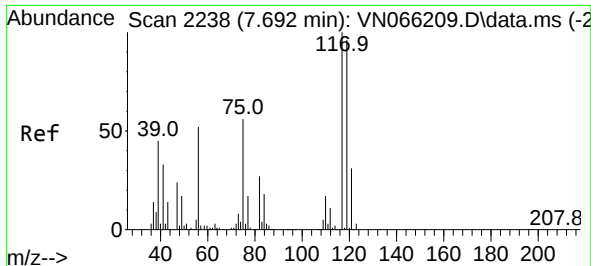


#37
Ethyl Acetate
Concen: 1.64 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. -0.092 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01



Tgt Ion: 43 Resp: 11203
Ion Ratio Lower Upper
43 100
61 0.0 9.2 13.8#
70 0.0 6.1 9.1#

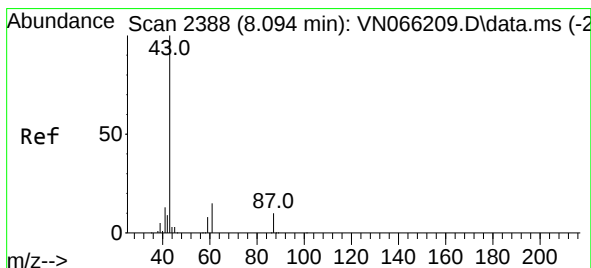
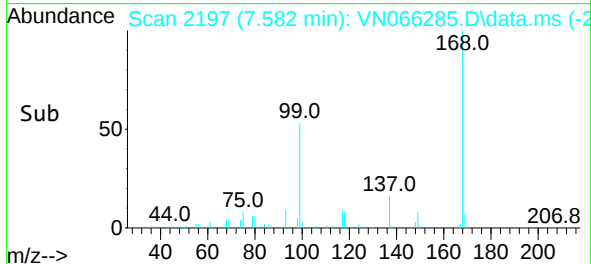
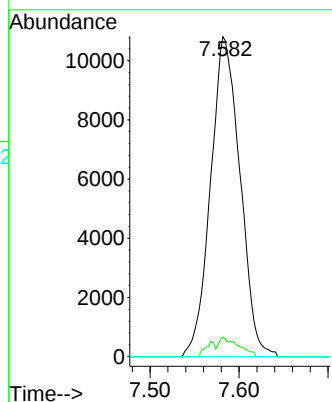
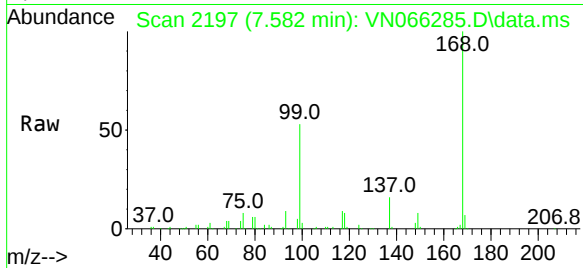




#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.110 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

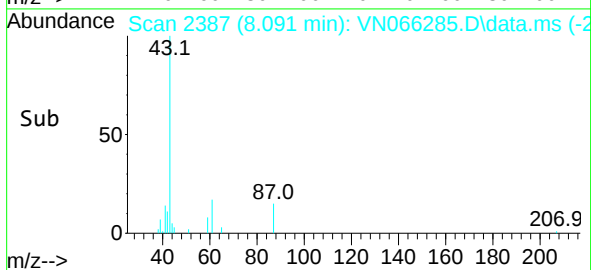
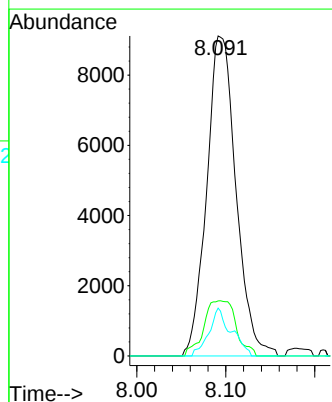
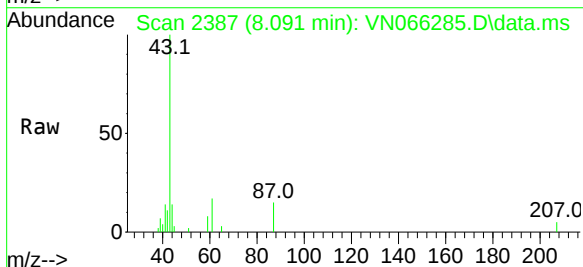
Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

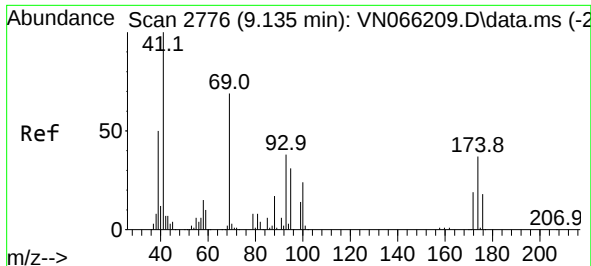
Tgt Ion:117 Resp: 24855
Ion Ratio Lower Upper
117 100
119 6.1 74.6 111.8#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 1.98 ug/l
RT: 8.091 min Scan# 2387
Delta R.T. -0.003 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

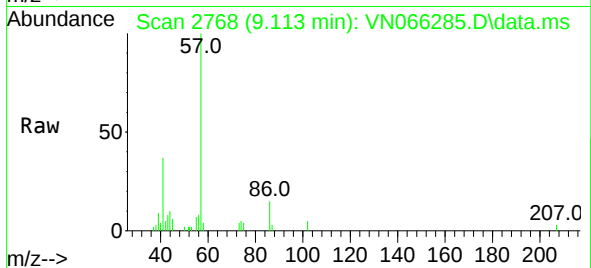
Tgt Ion: 43 Resp: 20851
Ion Ratio Lower Upper
43 100
61 18.9 14.0 21.0
87 8.7 7.9 11.9



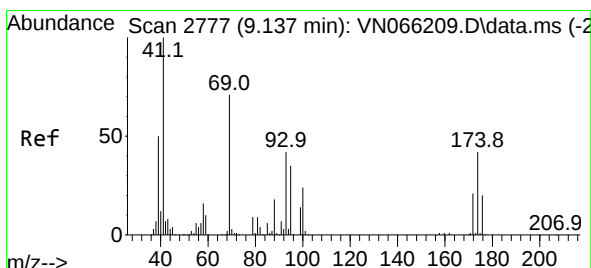
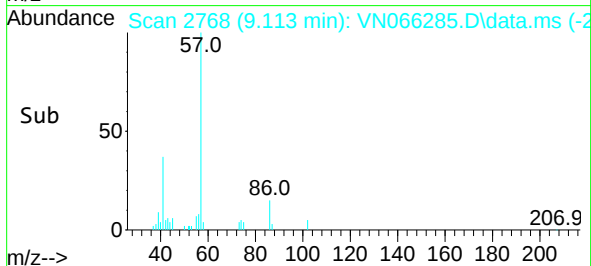
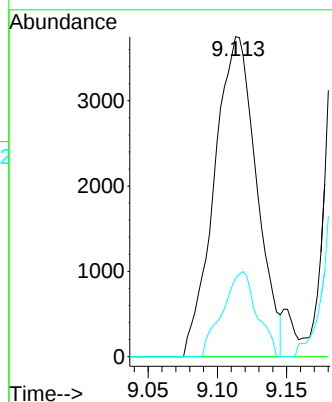


#48
Methyl methacrylate
Concen: 1.59 ug/l
RT: 9.113 min Scan# 2768
Delta R.T. -0.022 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

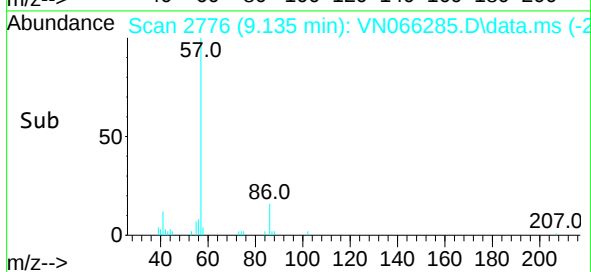
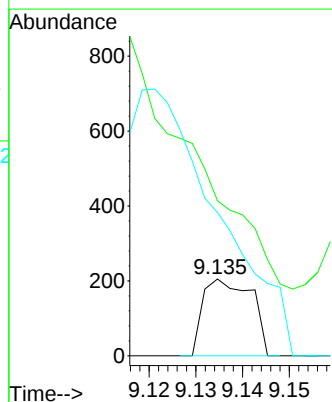
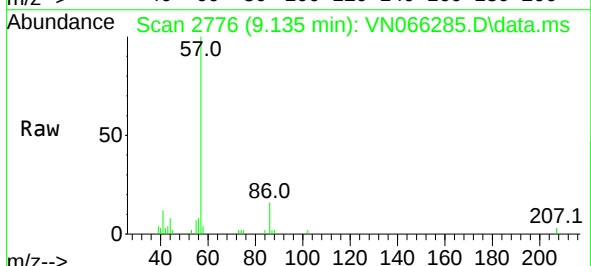


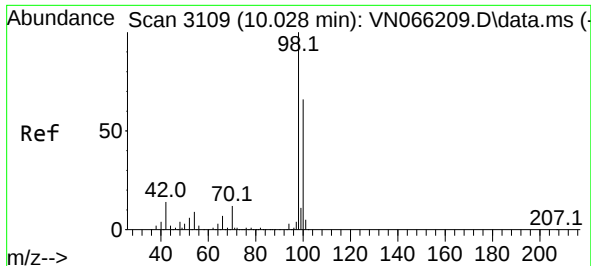
Tgt Ion: 41 Resp: 7959
Ion Ratio Lower Upper
41 100
69 0.0 54.7 82.1#
39 21.6 40.2 60.2#



#49
1,4-Dioxane
Concen: 2.71 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.002 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Tgt Ion: 88 Resp: 147
Ion Ratio Lower Upper
88 100
43 0.0 34.4 51.6#
58 865.3 67.3 100.9#

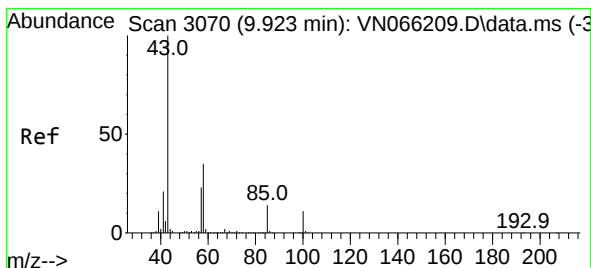
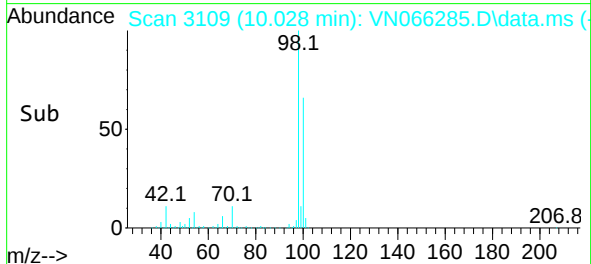
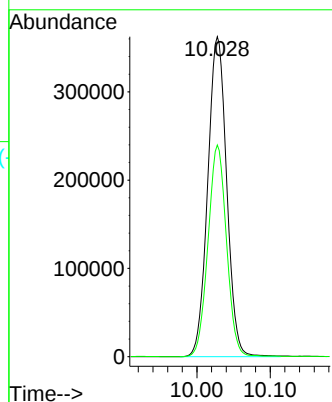
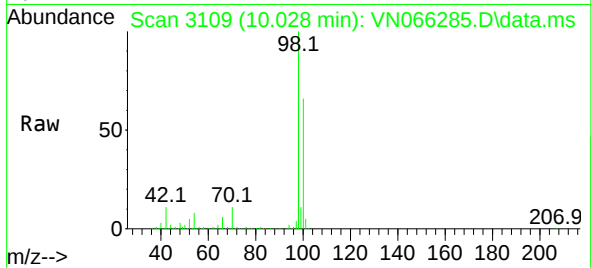




#50
Toluene-d8
Concen: 56.03 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

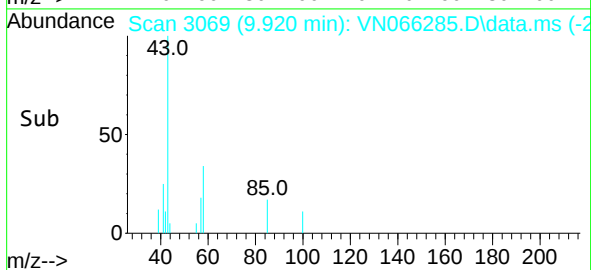
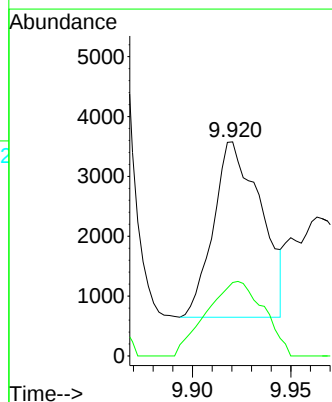
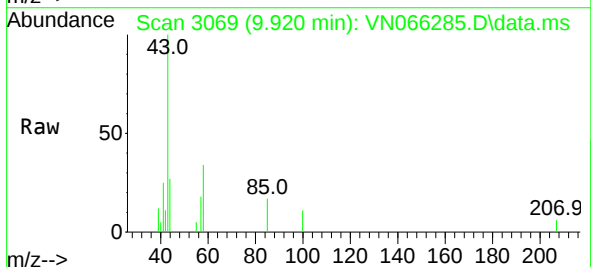
Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

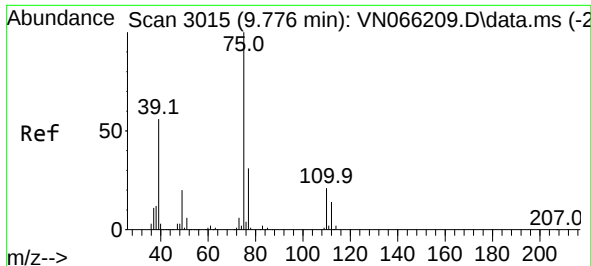
Tgt Ion: 98 Resp: 650433
Ion Ratio Lower Upper
98 100
100 64.6 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 0.77 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. -0.003 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Tgt Ion: 43 Resp: 4931
Ion Ratio Lower Upper
43 100
58 51.1 27.5 41.3#

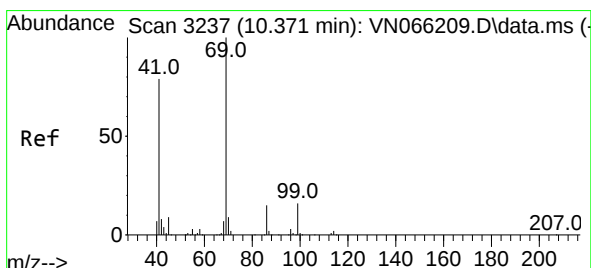
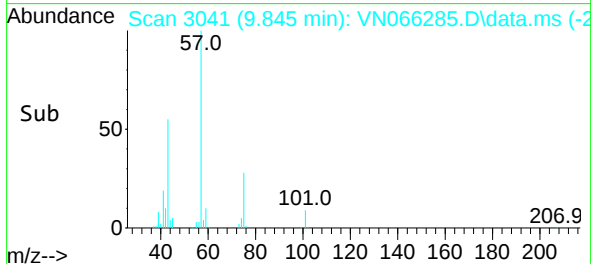
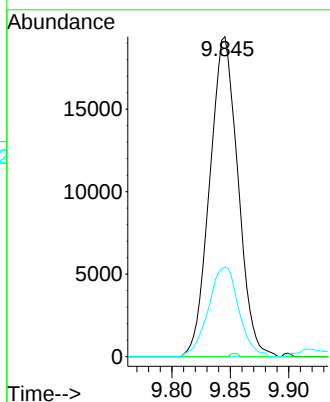
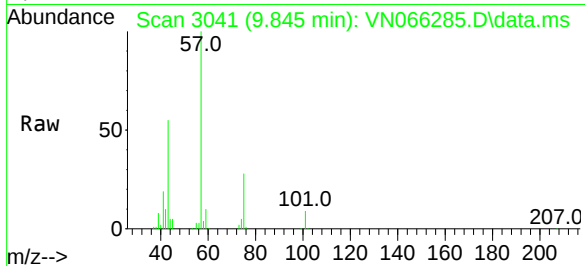




#54
cis-1,3-Dichloropropene
Concen: 5.27 ug/l
RT: 9.845 min Scan# 3041
Delta R.T. 0.069 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

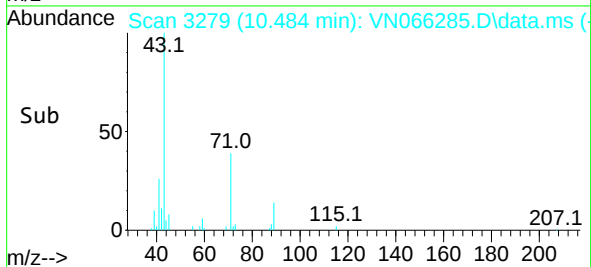
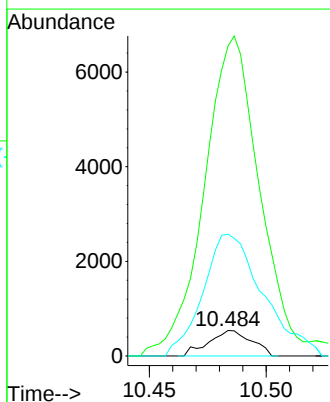
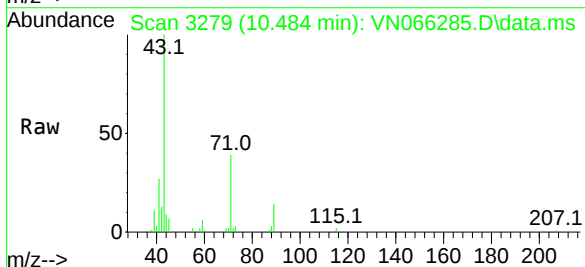
Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

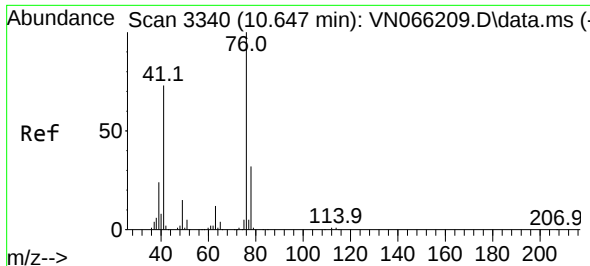
Tgt Ion: 75 Resp: 32576
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 28.0 46.2 69.2#



#56
Ethyl methacrylate
Concen: 2.27 ug/l
RT: 10.484 min Scan# 3279
Delta R.T. 0.113 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Tgt Ion: 69 Resp: 683
Ion Ratio Lower Upper
69 100
41 1626.8 66.2 99.4#
39 672.2 31.5 47.3#

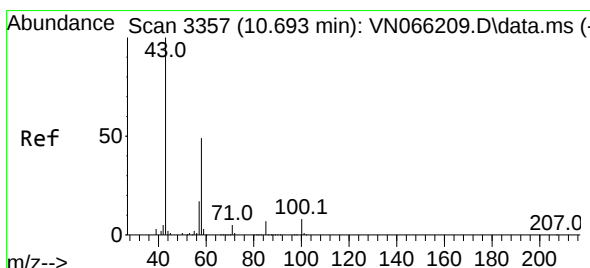
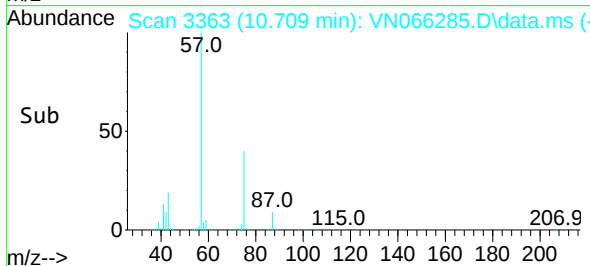
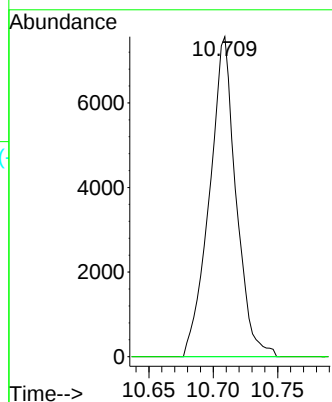
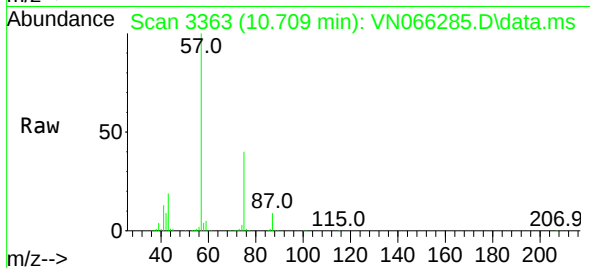




#57
1,3-Dichloropropane
Concen: 1.77 ug/l
RT: 10.709 min Scan# 3363
Delta R.T. 0.062 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

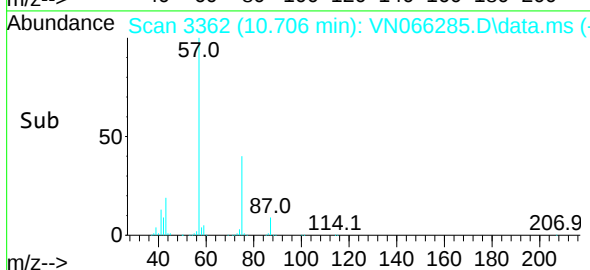
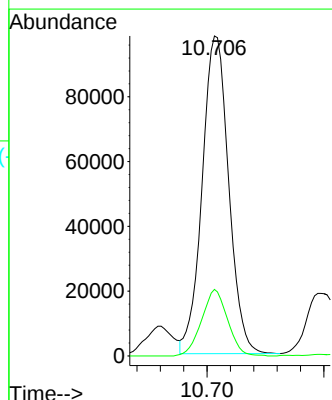
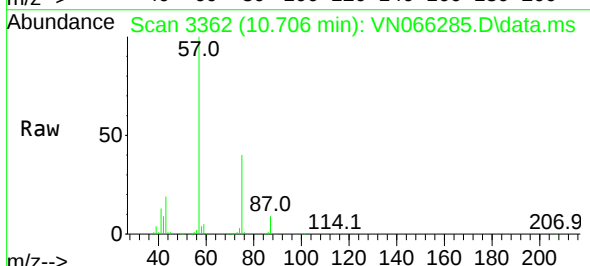
Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

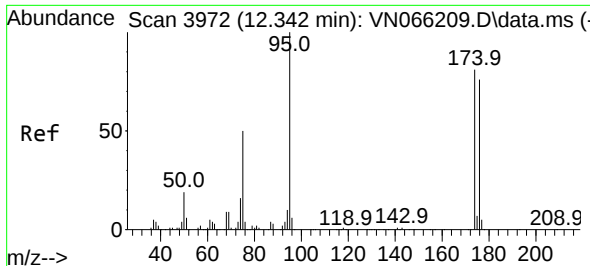
Tgt Ion: 76 Resp: 10860
Ion Ratio Lower Upper
76 100
78 0.0 25.4 38.2#



#59
2-Hexanone
Concen: 32.27 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.013 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Tgt Ion: 43 Resp: 154798
Ion Ratio Lower Upper
43 100
58 20.5 23.8 71.5#

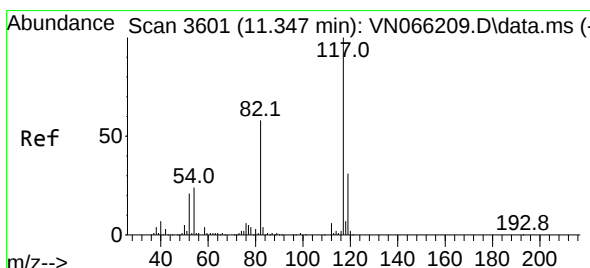
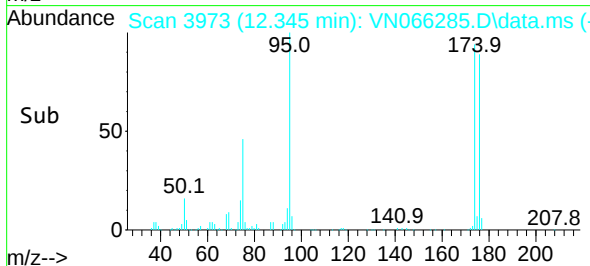
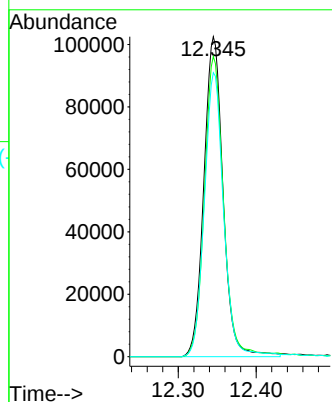
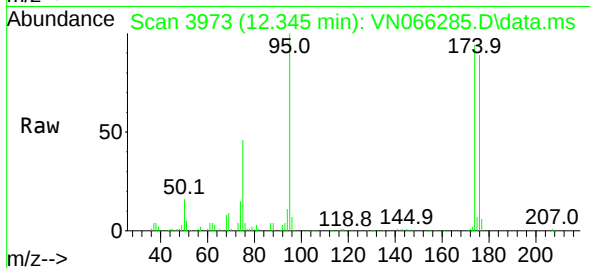




#62
4-Bromofluorobenzene
Concen: 42.07 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

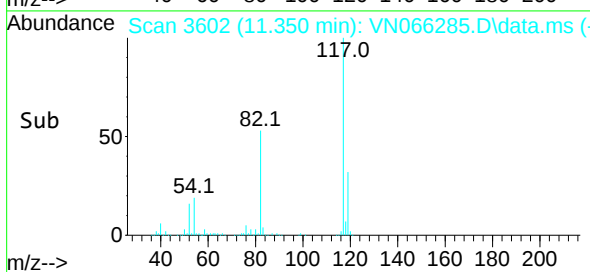
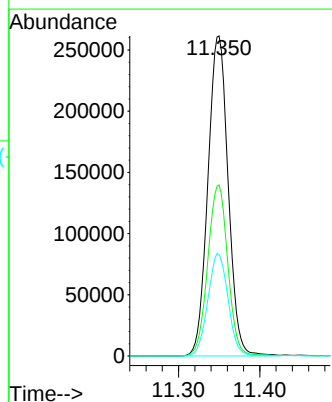
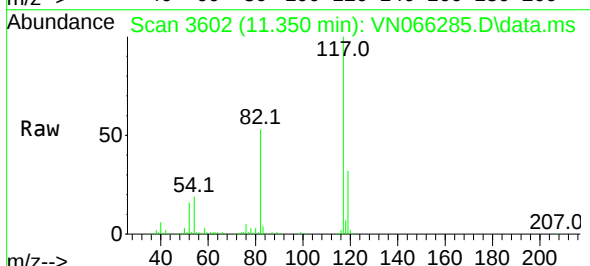
Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

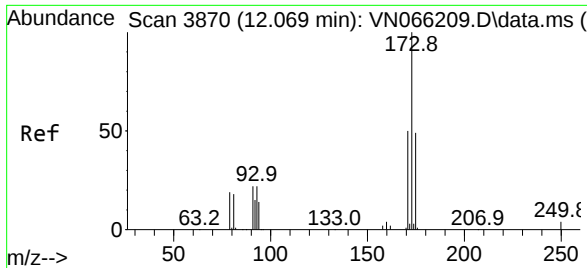
Tgt Ion: 95 Resp: 176027
Ion Ratio Lower Upper
95 100
174 93.3 0.0 162.4
176 88.3 0.0 156.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Tgt Ion: 117 Resp: 452548
Ion Ratio Lower Upper
117 100
82 53.5 49.0 73.6
119 31.7 25.7 38.5

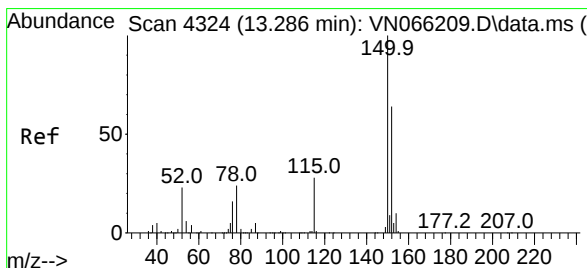
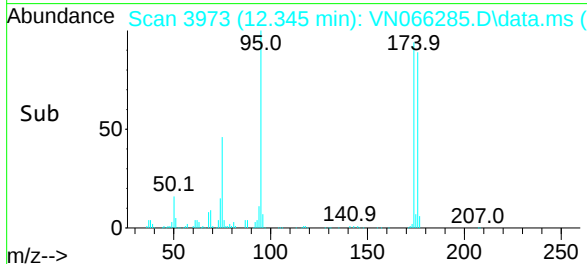
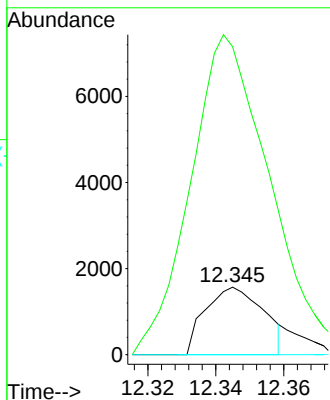
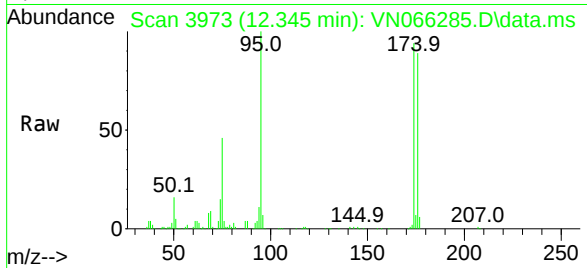




#71
Bromoform
Concen: 0.69 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.276 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

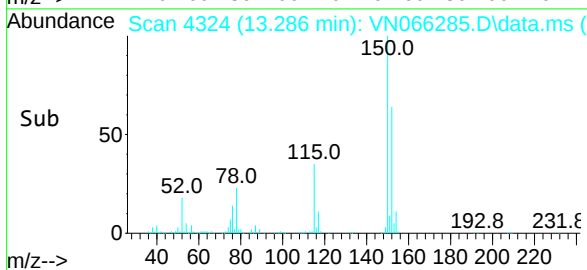
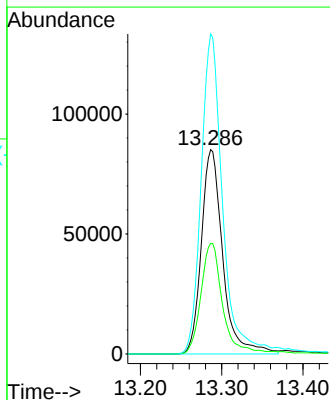
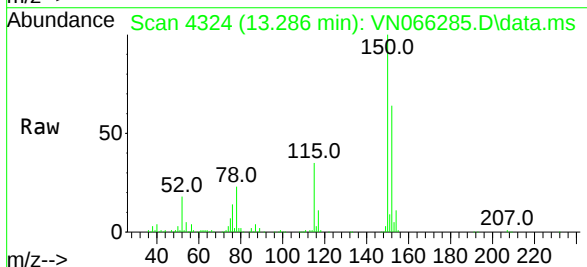
Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

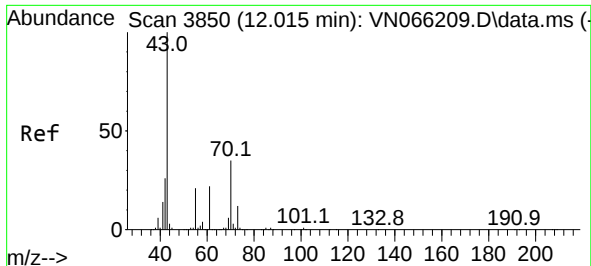
Tgt Ion:173 Resp: 1868
Ion Ratio Lower Upper
173 100
175 573.1 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

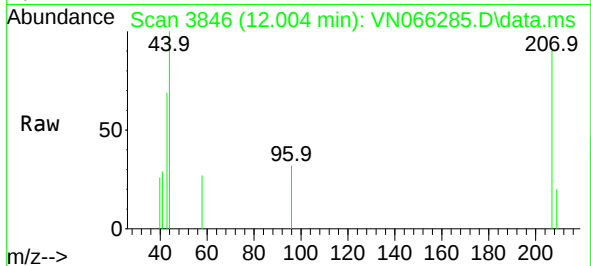
Tgt Ion:152 Resp: 155964
Ion Ratio Lower Upper
152 100
115 54.3 29.4 88.3
150 155.8 0.0 352.2



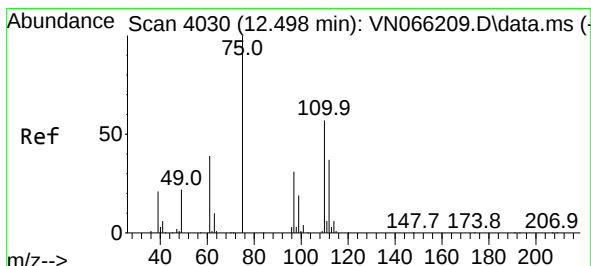
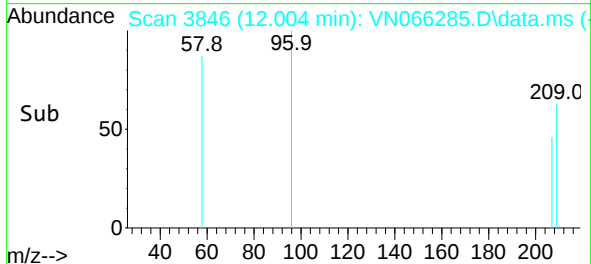
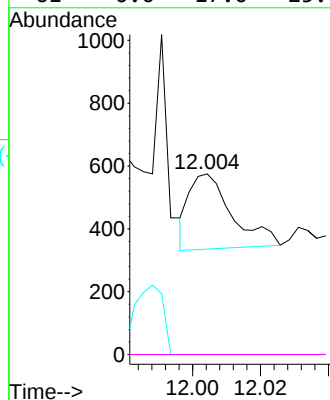


#74
N-amy1 acetate
Concen: 2.19 ug/l
RT: 12.004 min Scan# 3846
Delta R.T. -0.011 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

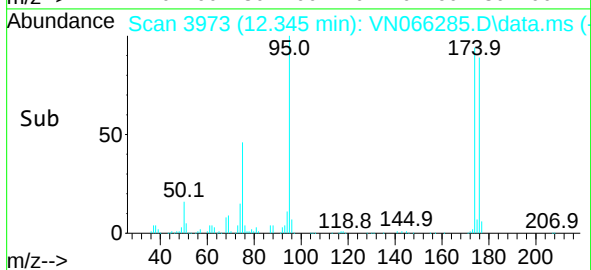
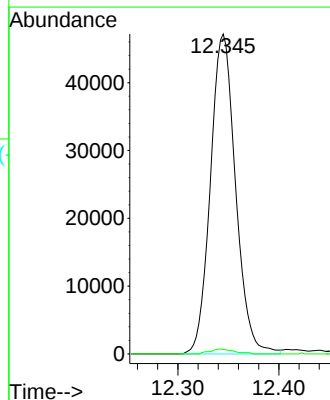
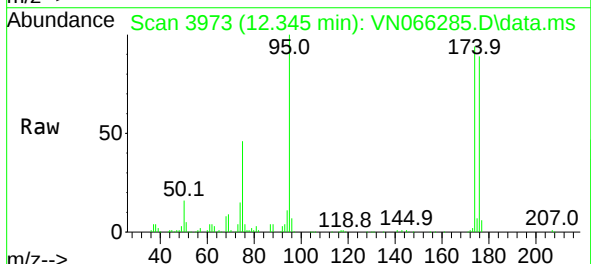


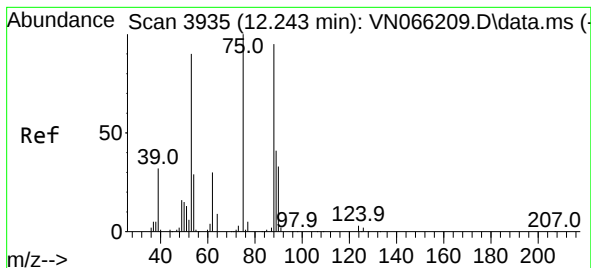
Tgt Ion:	43	Resp:	210
Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.2	39.4#
55	0.0	17.2	25.8#
61	0.0	17.0	25.4#



#76
1,2,3-Trichloropropane
Concen: 20.26 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Tgt Ion:	75	Resp:	81610
Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#

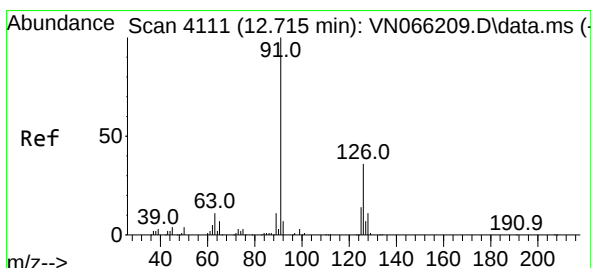
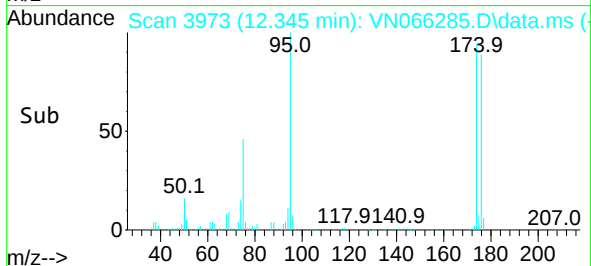
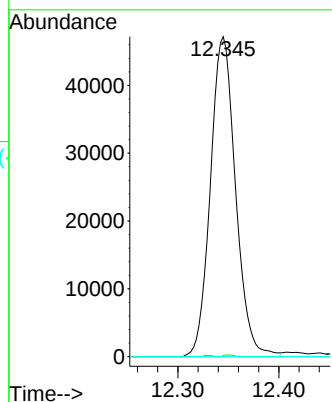
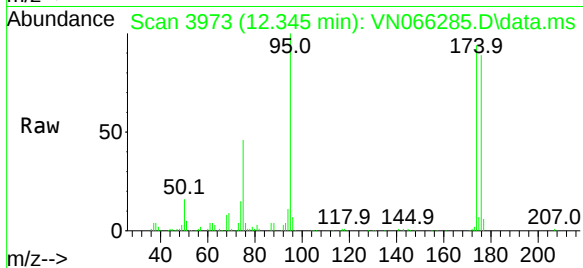




#81
trans-1,4-Dichloro-2-butene
Concen: 60.63 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

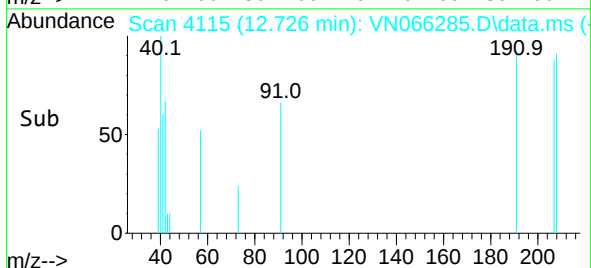
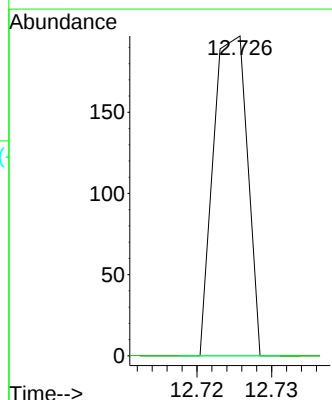
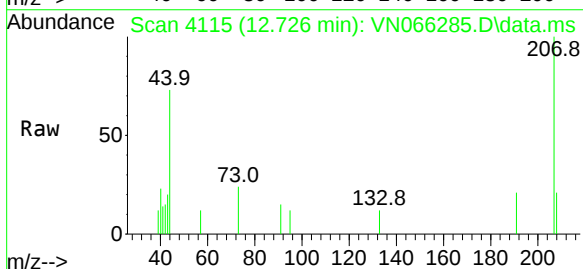
Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

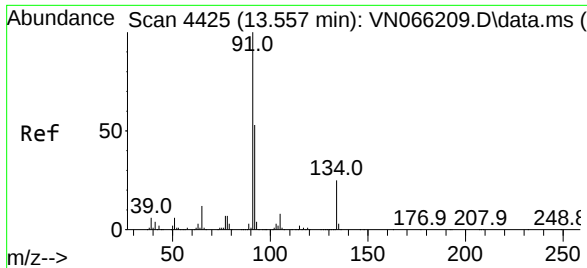
Tgt Ion: 75 Resp: 81610
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.6#
89 0.1 33.7 50.5#



#82
4-Chlorotoluene
Concen: 0.48 ug/l
RT: 12.726 min Scan# 4115
Delta R.T. 0.011 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Tgt Ion: 91 Resp: 62
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#

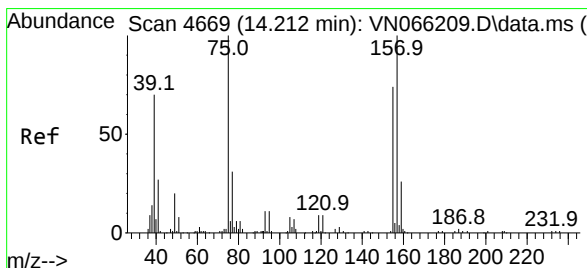
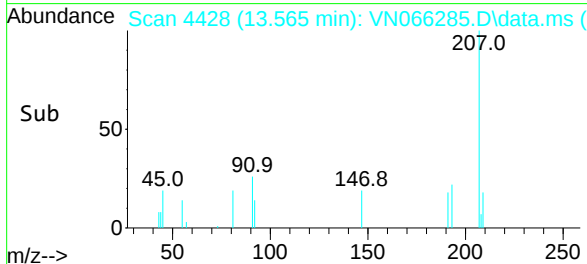
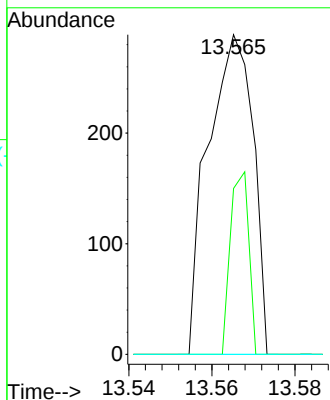
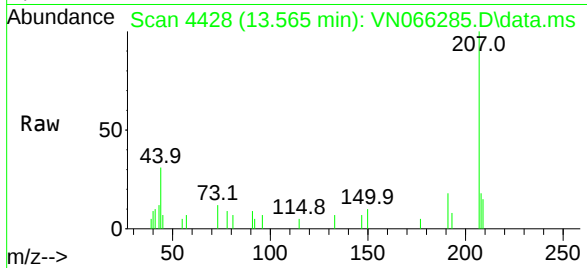




#89
n-Butylbenzene
Concen: 2.26 ug/l
RT: 13.565 min Scan# 4428
Delta R.T. 0.008 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
NEW-BLOCK-FLOOR-PAT

Tgt Ion:	91	Resp:	217
Ion	Ratio	Lower	Upper
91	100		
92	23.5	25.7	77.0#
134	0.0	11.8	35.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.10 ug/l
RT: 14.222 min Scan# 4673
Delta R.T. 0.010 min
Lab File: VN066285.D
Acq: 19 Mar 2021 17:01

Tgt Ion:	75	Resp:	231
Ion	Ratio	Lower	Upper
75	100		
155	0.0	36.5	109.7#
157	0.0	46.3	138.8#

