

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066284.D
 Acq On : 19 Mar 2021 16:38
 Operator : JC/MD
 Sample : M1712-24
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 YELLOW-WALL-COMP

Quant Time: Mar 20 05:00:10 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)

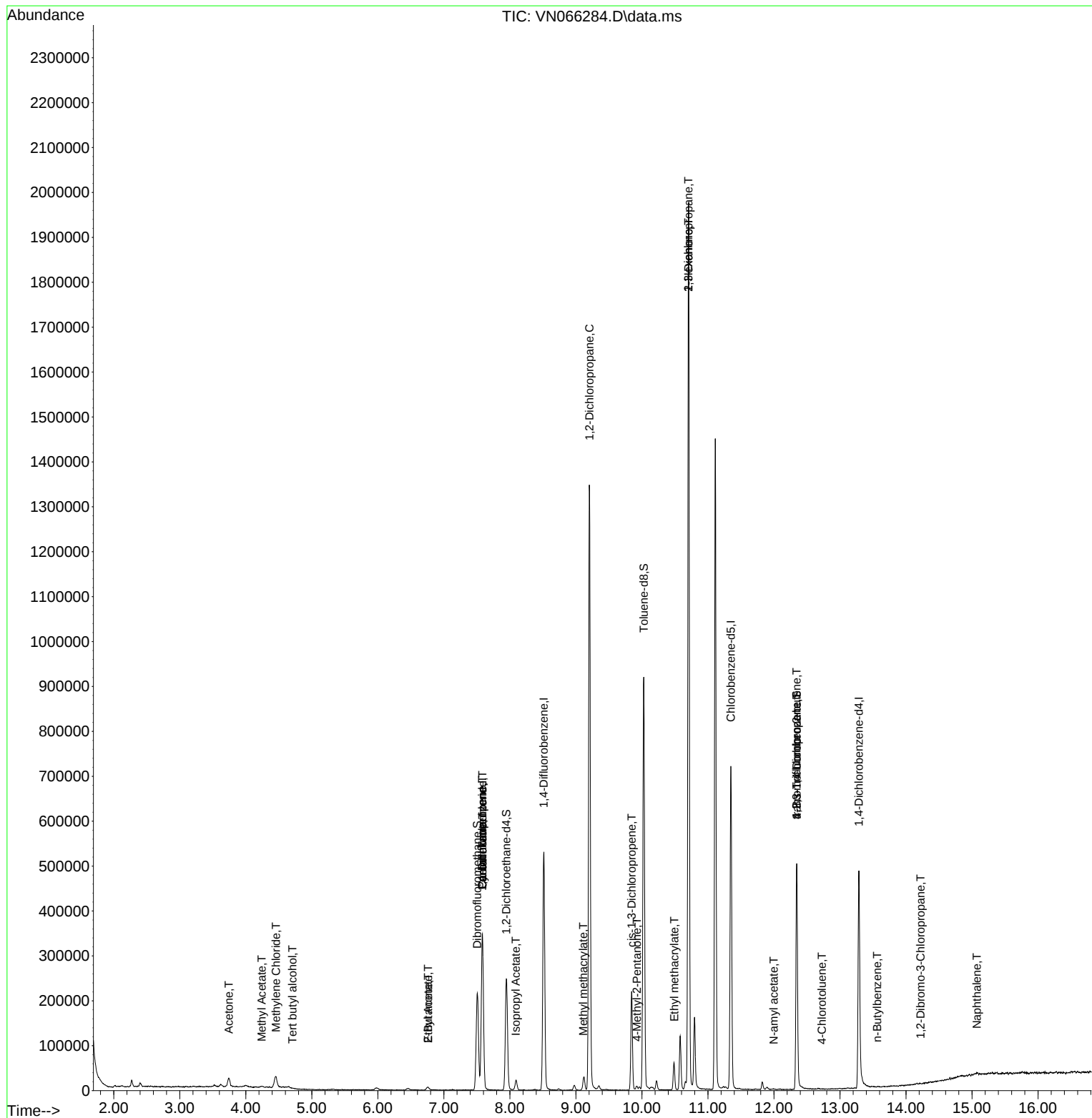
Internal Standards						
1) Pentafluorobenzene	7.585	168	307094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	468749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	432975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	158802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	207223	46.84	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.68%		
35) Dibromofluoromethane	7.507	113	170260	56.94	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	113.88%		
50) Toluene-d8	10.028	98	629928	54.48	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	108.96%		
62) 4-Bromofluorobenzene	12.345	95	175583	42.13	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.26%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.707	59	1174	1.55	ug/l #	73
13) Acrolein	3.532	56	3275	Below Cal		92
16) Acetone	3.741	43	29805	14.02	ug/l	99
18) Methyl Acetate	4.243	43	4496	0.76	ug/l #	70
20) Methylene Chloride	4.457	84	15067	4.53	ug/l	94
25) 2-Butanone	6.761	43	9160	2.77	ug/l	94
31) Cyclohexane	7.585	56	4897	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.582	75	19866	4.19	ug/l #	51
37) Ethyl Acetate	6.761	43	9160	1.35	ug/l #	73
38) Carbon Tetrachloride	7.585	117	26004	6.11	ug/l #	16
43) Isopropyl Acetate	8.091	43	25392	2.42	ug/l #	92
45) 1,2-Dichloropropane	9.204	63	1525	0.37	ug/l #	44
48) Methyl methacrylate	9.111	41	7191	1.45	ug/l #	21
51) 4-Methyl-2-Pentanone	9.926	43	5766	0.91	ug/l	89
54) cis-1,3-Dichloropropene	9.845	75	38309	6.22	ug/l #	53
56) Ethyl methacrylate	10.492	69	869	2.30	ug/l #	1
57) 1,3-Dichloropropane	10.706	76	19609	3.21	ug/l #	43
59) 2-Hexanone	10.706	43	273319	56.18	ug/l #	58
74) N-amyl acetate	11.996	43	426	2.23	ug/l #	62
76) 1,2,3-Trichloropropane	12.345	75	80899	19.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	80899	59.03	ug/l #	11
82) 4-Chlorotoluene	12.729	91	175	0.49	ug/l #	43
89) n-Butylbenzene	13.565	91	351	2.27	ug/l #	34
92) 1,2-Dibromo-3-Chloropr...	14.222	75	255	1.12	ug/l #	8
95) Naphthalene	15.075	128	2626	0.28	ug/l #	72

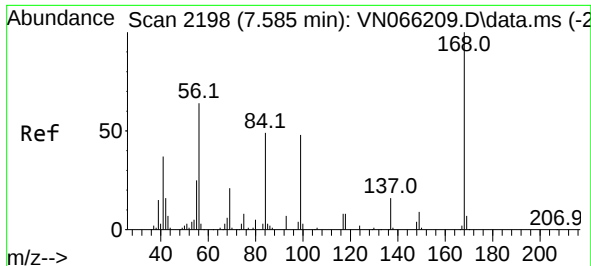
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

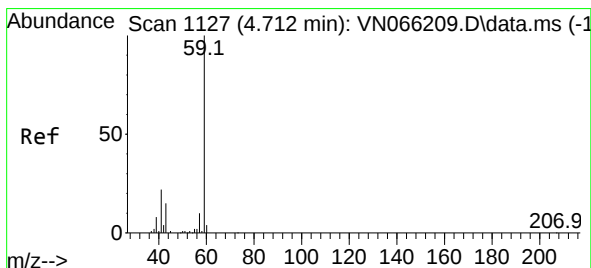
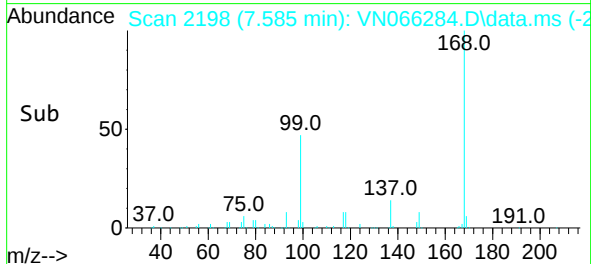
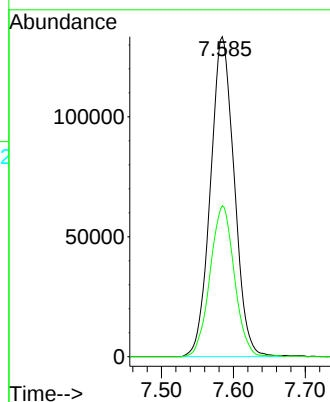
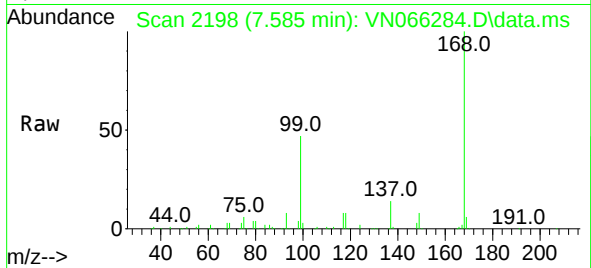




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

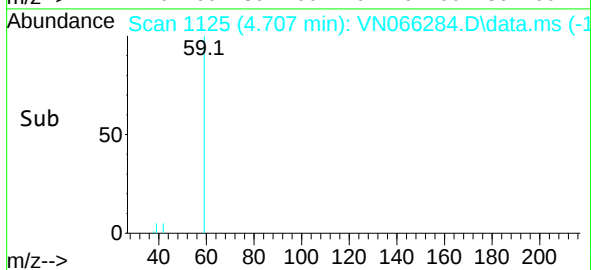
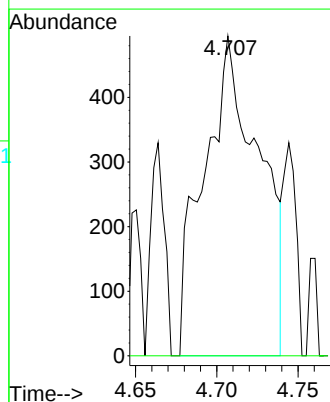
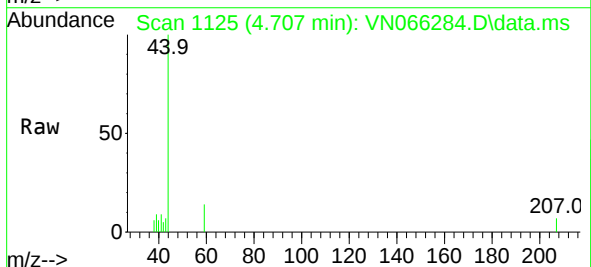
Instrument :
MSVOA_N
ClientSampleId :
YELLOW-WALL-COMP

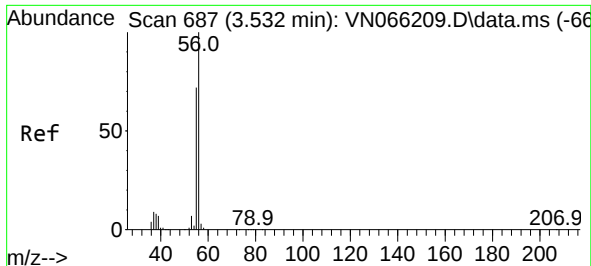
Tgt Ion:168 Resp: 307094
Ion Ratio Lower Upper
168 100
99 47.2 45.4 68.0



#11
Tert butyl alcohol
Concen: 1.55 ug/l
RT: 4.707 min Scan# 1125
Delta R.T. -0.005 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

Tgt Ion: 59 Resp: 1174
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

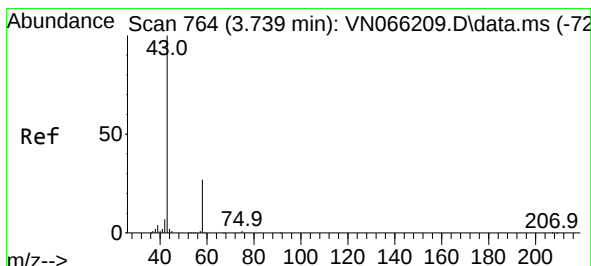
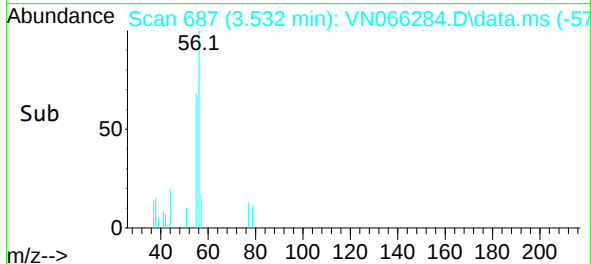
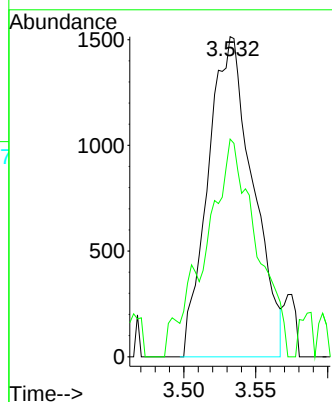
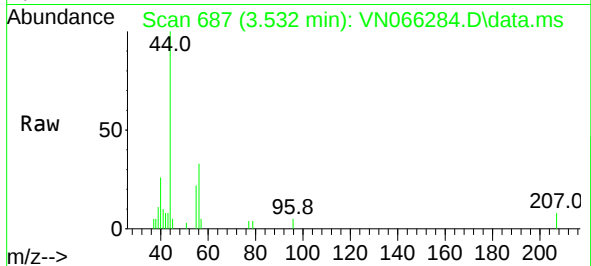




#13
Acrolein
Concen: Below Cal
RT: 3.532 min Scan# 687
Delta R.T. 0.000 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

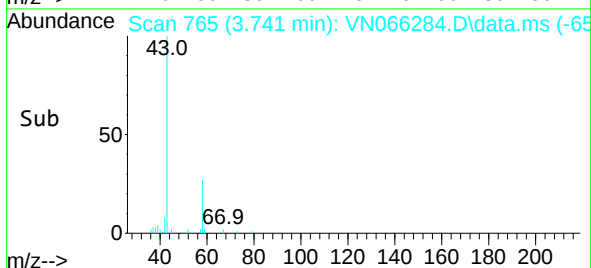
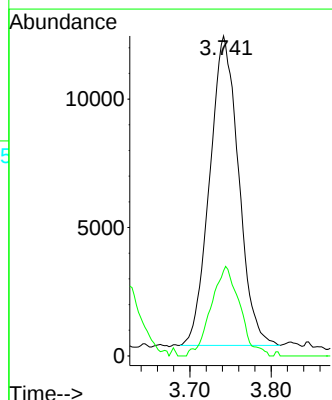
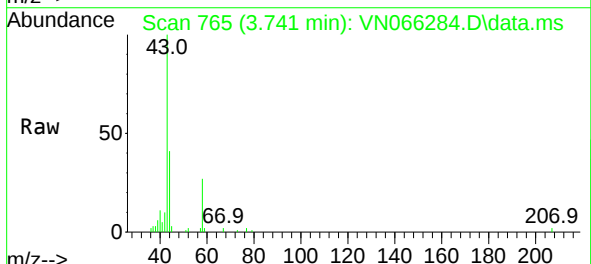
Instrument :
MSVOA_N
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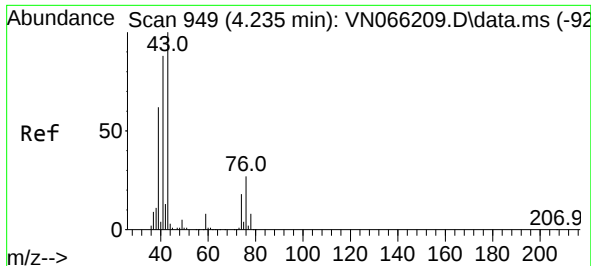
Tgt Ion: 56 Resp: 3275
Ion Ratio Lower Upper
56 100
55 65.8 58.0 87.0



#16
Acetone
Concen: 14.02 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

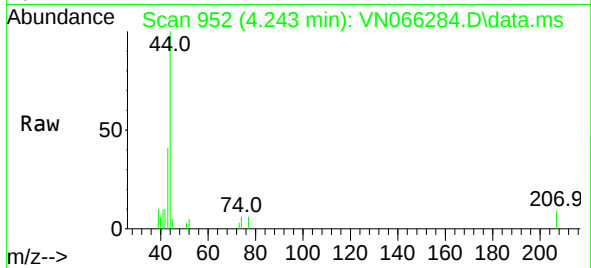
Tgt Ion: 43 Resp: 29805
Ion Ratio Lower Upper
43 100
58 27.5 22.3 33.5



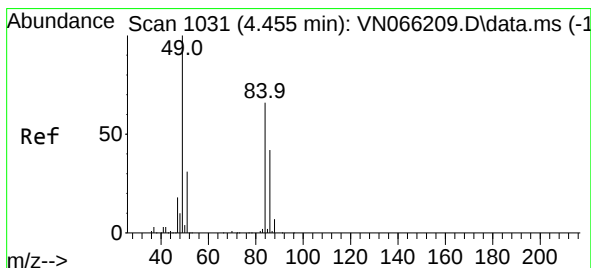
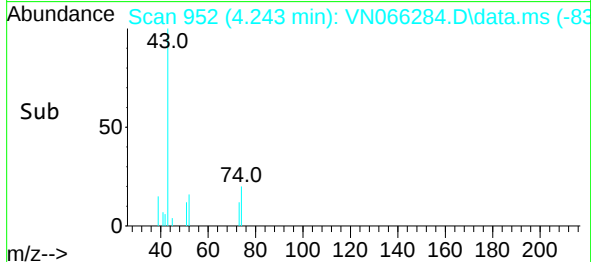
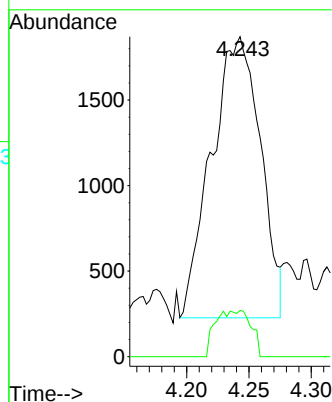


#18
Methyl Acetate
Concen: 0.76 ug/l
RT: 4.243 min Scan# 952
Delta R.T. 0.008 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

Instrument :
MSVOA_N
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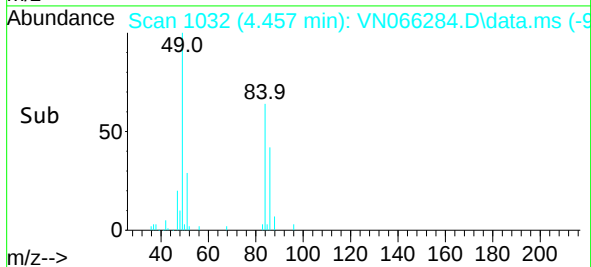
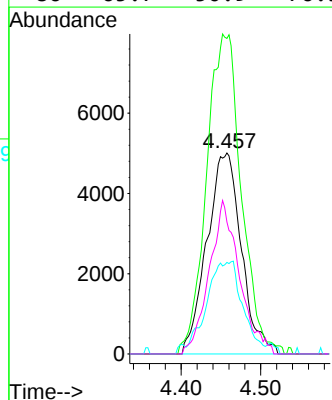
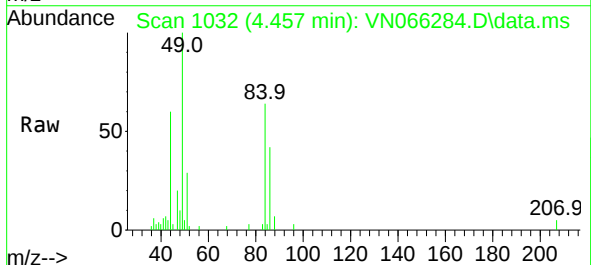


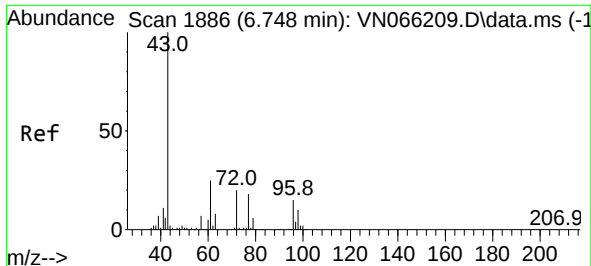
Tgt Ion: 43 Resp: 4496
Ion Ratio Lower Upper
43 100
74 4.6 14.2 21.2#



#20
Methylene Chloride
Concen: 4.53 ug/l
RT: 4.457 min Scan# 1032
Delta R.T. 0.002 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

Tgt Ion: 84 Resp: 15067
Ion Ratio Lower Upper
84 100
49 152.9 130.0 195.0
51 45.5 39.1 58.7
86 65.7 50.9 76.3

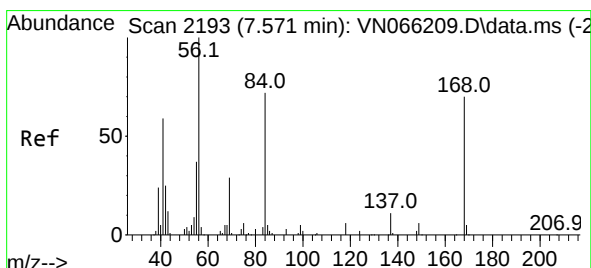
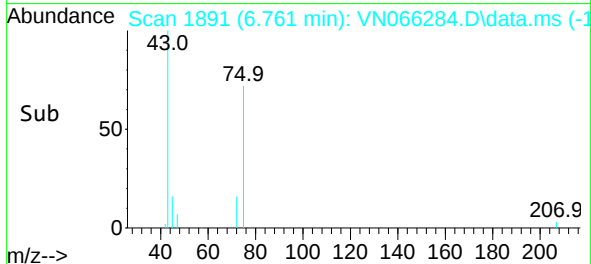
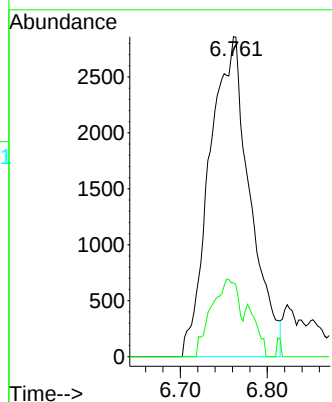
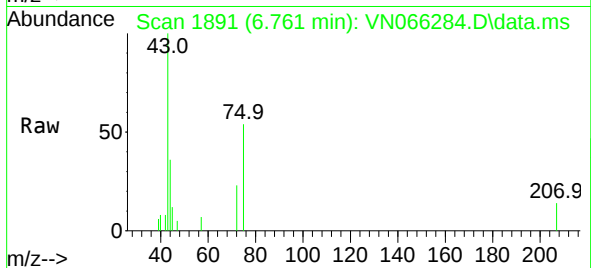




#25
2-Butanone
Concen: 2.77 ug/l
RT: 6.761 min Scan# 1891
Delta R.T. 0.013 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

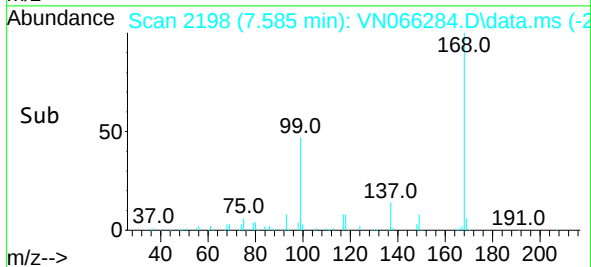
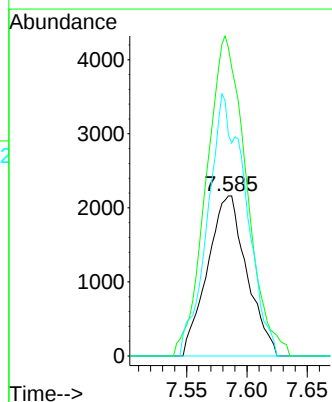
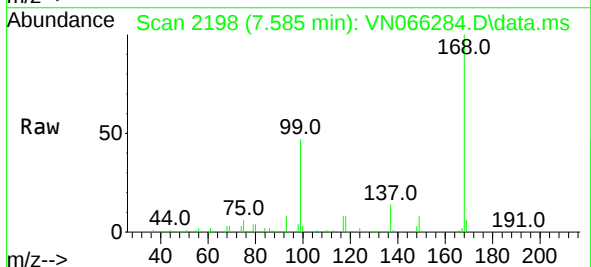
Instrument :
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ClientSampleId :
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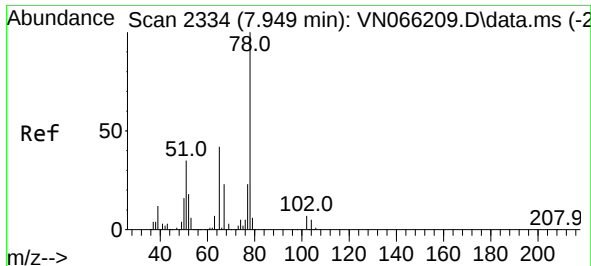
Tgt Ion: 43 Resp: 9160
Ion Ratio Lower Upper
43 100
72 23.1 16.2 24.2



#31
Cyclohexane
Concen: 0.74 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. 0.014 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

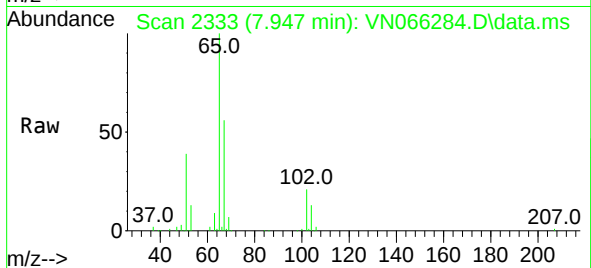
Tgt Ion: 56 Resp: 4897
Ion Ratio Lower Upper
56 100
69 183.3 23.4 35.0#
84 138.2 57.8 86.6#



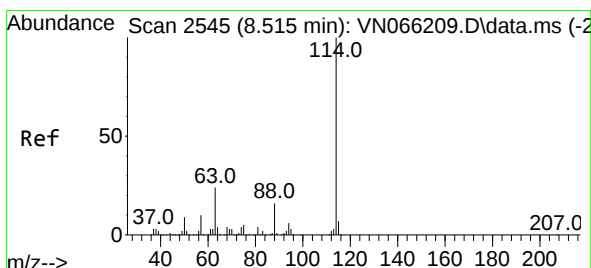
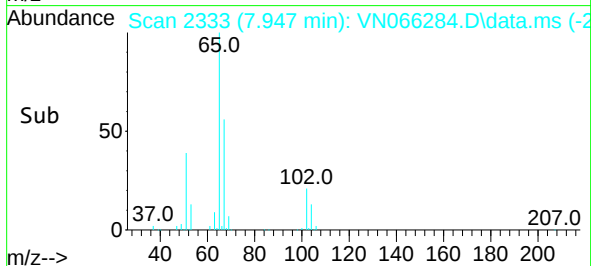
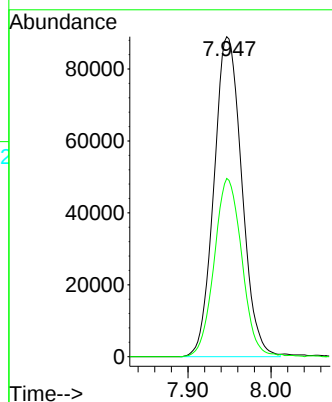


#33
 1,2-Dichloroethane-d4
 Concen: 46.84 ug/l
 RT: 7.947 min Scan# 2333
 Delta R.T. -0.002 min
 Lab File: VN066284.D
 Acq: 19 Mar 2021 16:38

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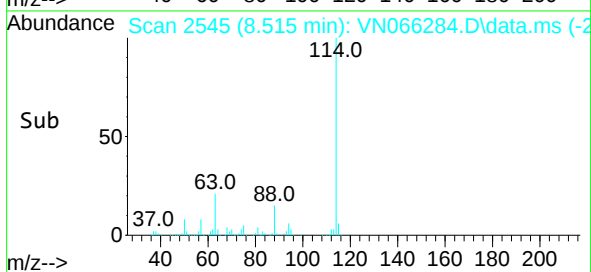
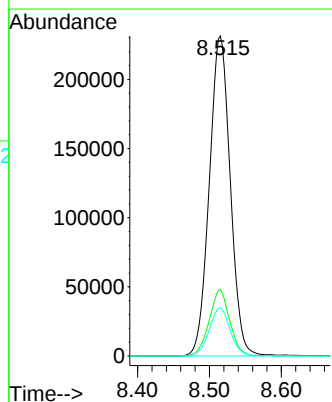
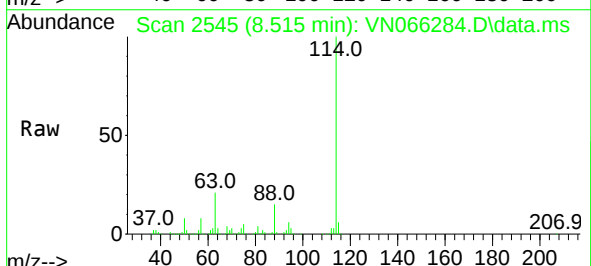


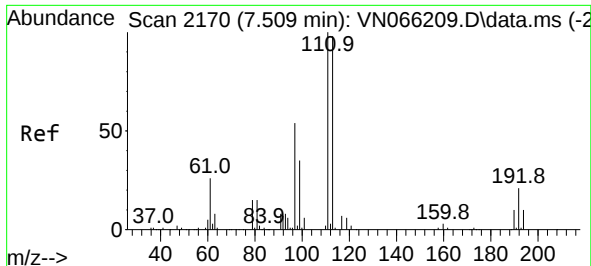
Tgt Ion: 65 Resp: 207223
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.515 min Scan# 2545
 Delta R.T. 0.000 min
 Lab File: VN066284.D
 Acq: 19 Mar 2021 16:38

Tgt Ion: 114 Resp: 468749
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 49.2
 88 15.0 0.0 33.8

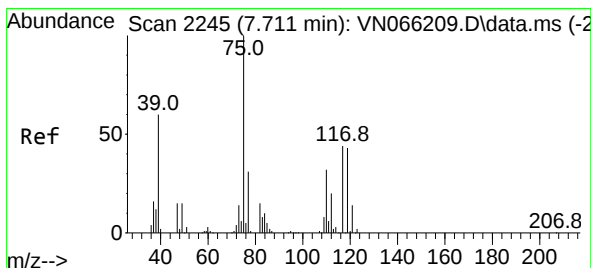
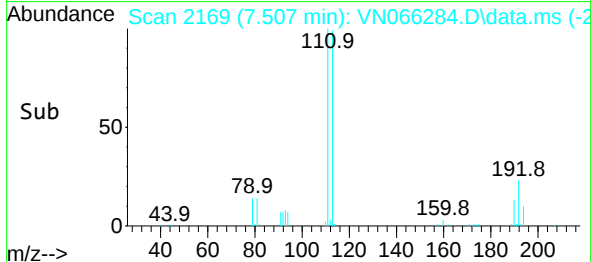
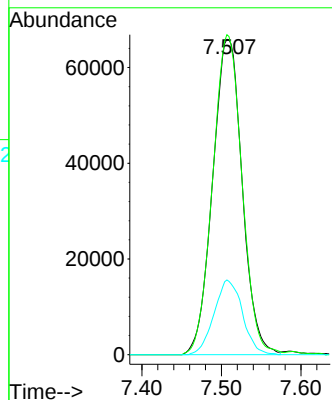
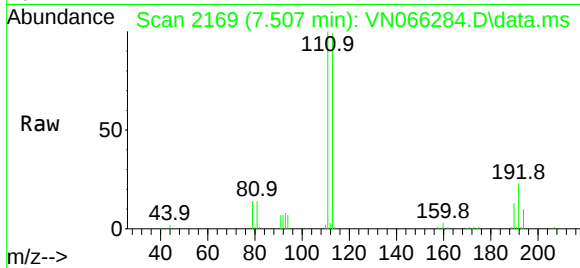




#35
Dibromofluoromethane
Concen: 56.94 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.002 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

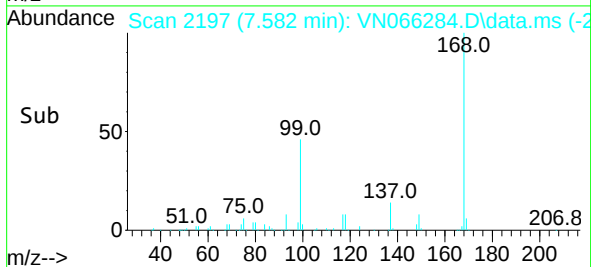
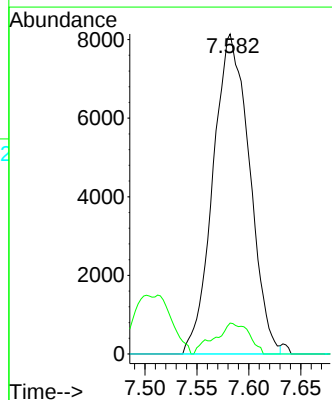
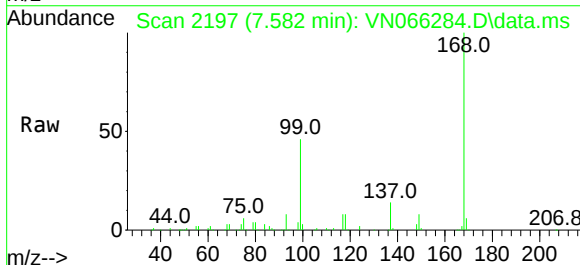
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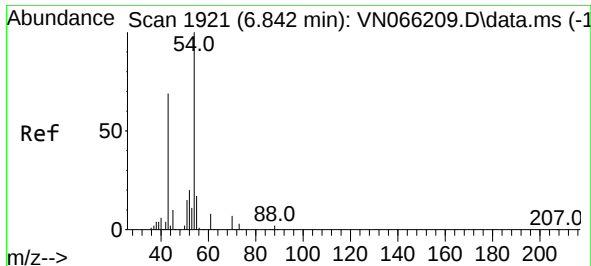
Tgt Ion:	113	Resp:	170260
Ion	Ratio	Lower	Upper
113	100		
111	100.3	84.0	126.0
192	22.7	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.19 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.129 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

Tgt Ion:	75	Resp:	19866
Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.0	48.0#
77	0.0	24.9	37.3#





#37

Ethyl Acetate

Concen: 1.35 ug/l

RT: 6.761 min Scan# 1891

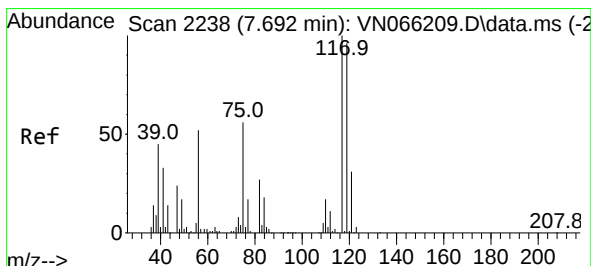
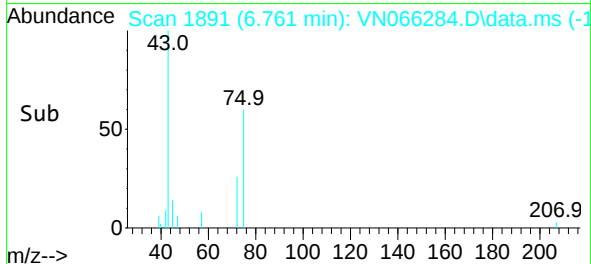
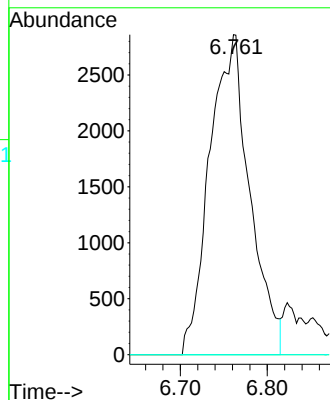
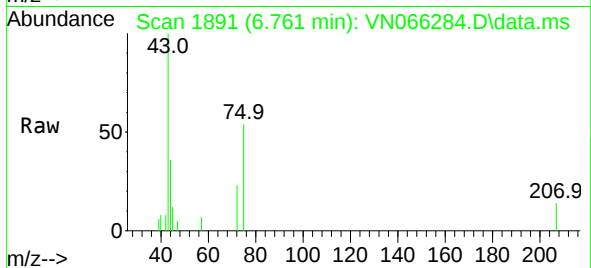
Delta R.T. -0.081 min

Lab File: VN066284.D

Acq: 19 Mar 2021 16:38

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MSVOA_N
ClientSampleId :
YELLOW-WALL-COMP

Tgt Ion:	43	Resp:	9160
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.2	13.8#
70	0.0	6.1	9.1#



#38

Carbon Tetrachloride

Concen: 6.11 ug/l

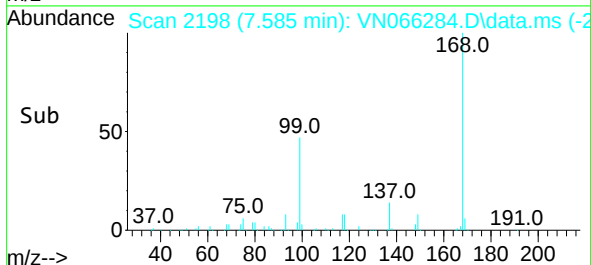
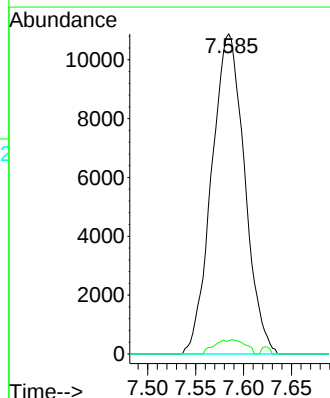
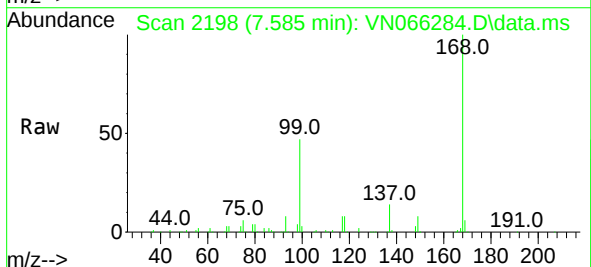
RT: 7.585 min Scan# 2198

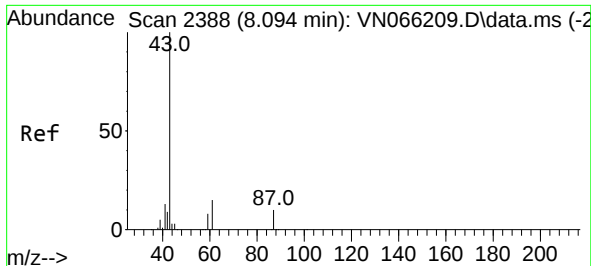
Delta R.T. -0.107 min

Lab File: VN066284.D

Acq: 19 Mar 2021 16:38

Tgt Ion:	117	Resp:	26004
Ion	Ratio	Lower	Upper
117	100		
119	4.1	74.6	111.8#
121	0.0	23.9	35.9#

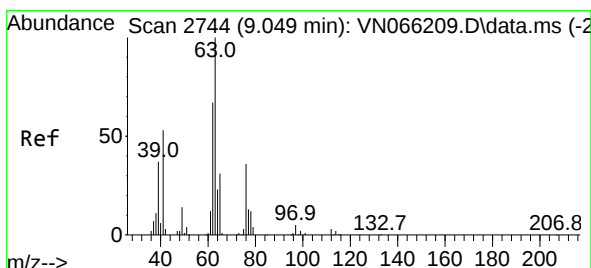
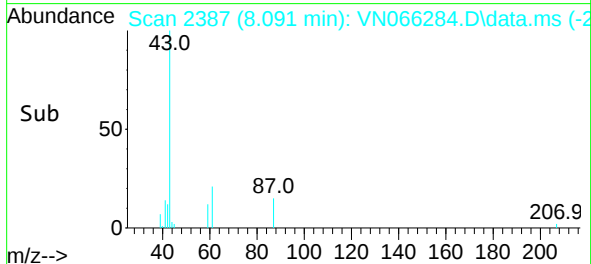
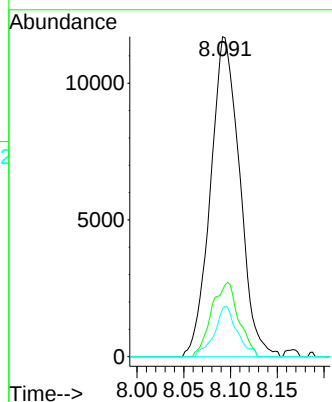
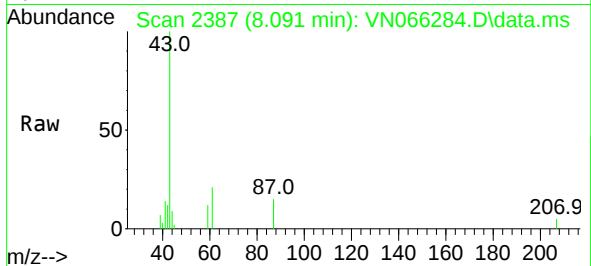




#43
Isopropyl Acetate
Concen: 2.42 ug/l
RT: 8.091 min Scan# 2387
Delta R.T. -0.003 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

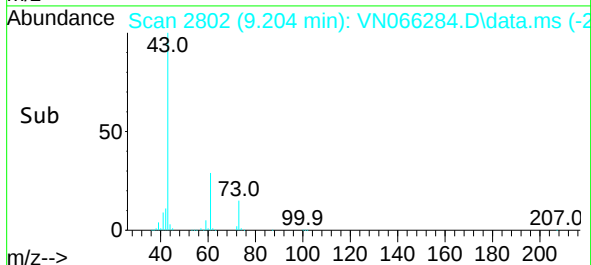
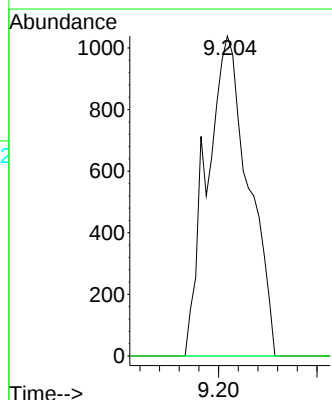
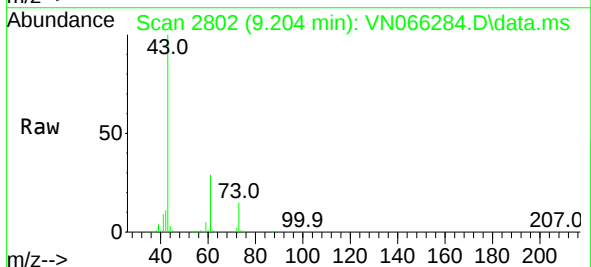
Instrument :
MSVOA_N
ClientSampleId :
YELLOW-WALL-COMP

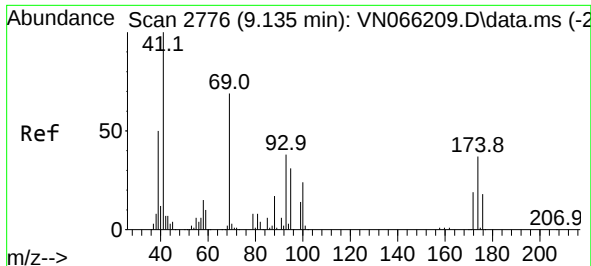
Tgt Ion: 43	Resp: 25392
Ion Ratio	Lower Upper
43 100	
61 21.6	14.0 21.0#
87 12.2	7.9 11.9#



#45
1,2-Dichloropropane
Concen: 0.37 ug/l
RT: 9.204 min Scan# 2802
Delta R.T. 0.155 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

Tgt Ion: 63	Resp: 1525
Ion Ratio	Lower Upper
63 100	
65 0.0	24.6 37.0#

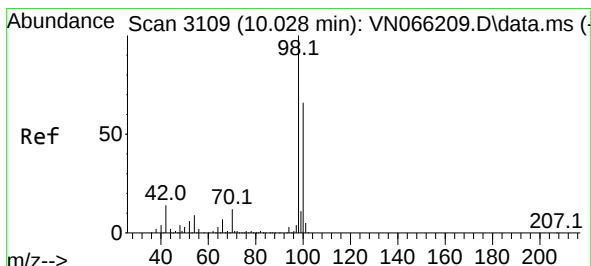
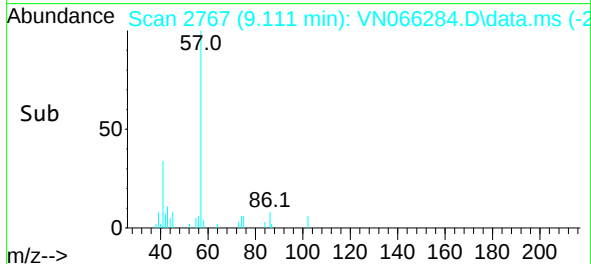
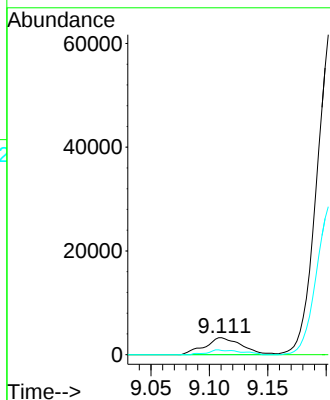
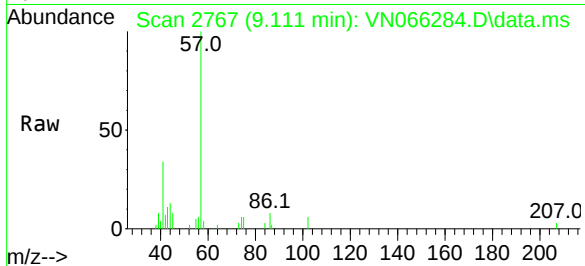




#48
Methyl methacrylate
Concen: 1.45 ug/l
RT: 9.111 min Scan# 2767
Delta R.T. -0.024 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

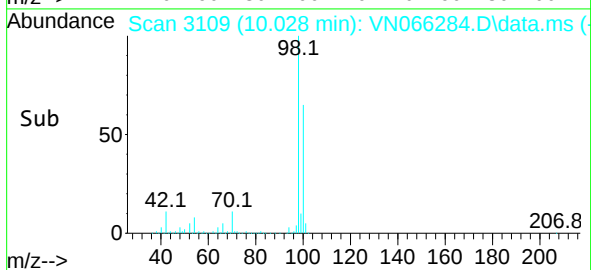
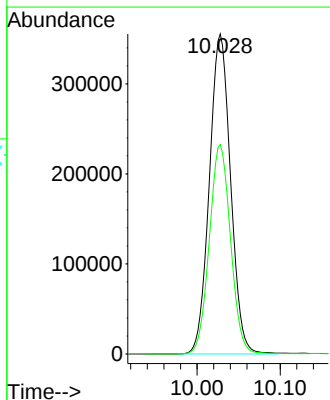
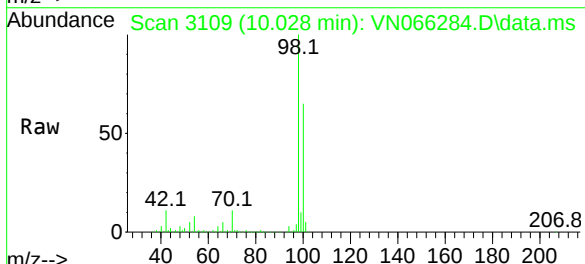
Instrument :
MSVOA_N
ClientSampleId :
YELLOW-WALL-COMP

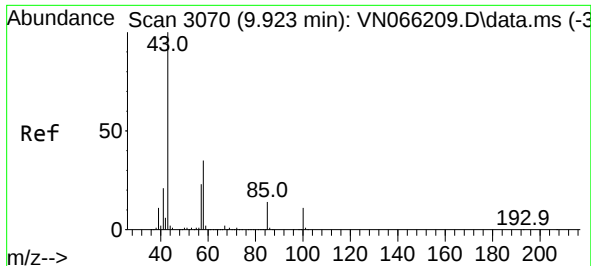
Tgt Ion: 41 Resp: 7191
Ion Ratio Lower Upper
41 100
69 0.0 54.7 82.1#
39 0.0 40.2 60.2#



#50
Toluene-d8
Concen: 54.48 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

Tgt Ion: 98 Resp: 629928
Ion Ratio Lower Upper
98 100
100 65.5 51.0 76.6

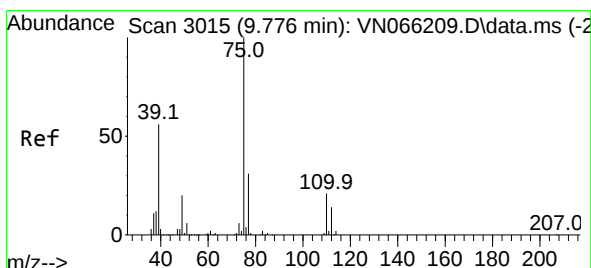
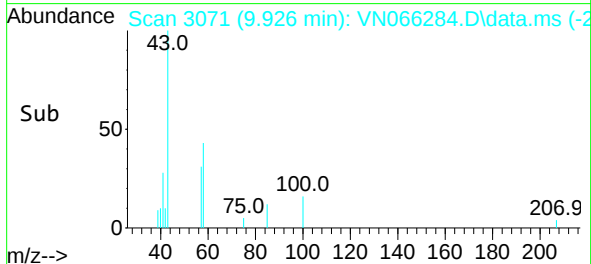
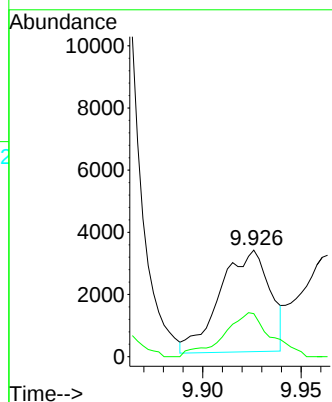
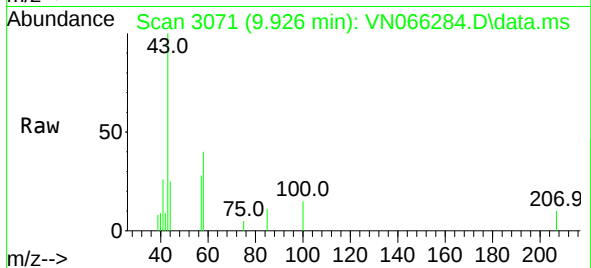




#51
4-Methyl-2-Pentanone
Concen: 0.91 ug/l
RT: 9.926 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

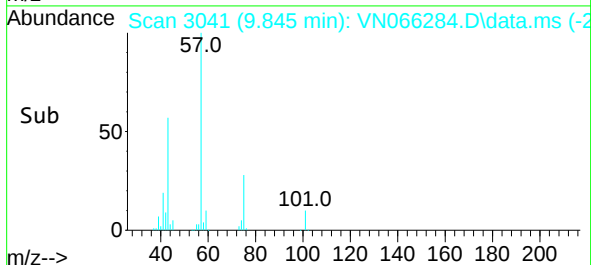
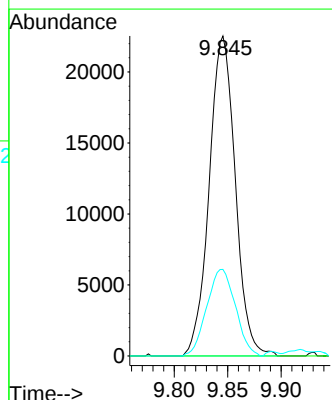
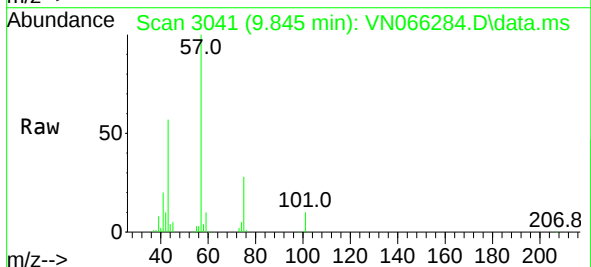
Instrument :
MSVOA_N
ClientSampleId :
YELLOW-WALL-COMP

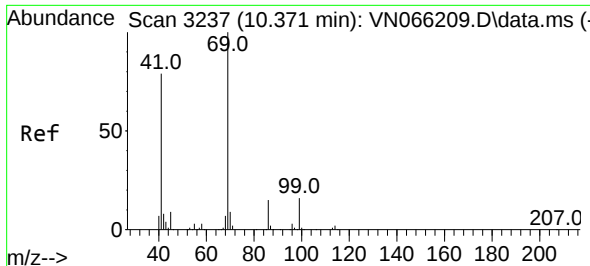
Tgt Ion: 43 Resp: 5766
Ion Ratio Lower Upper
43 100
58 40.8 27.5 41.3



#54
cis-1,3-Dichloropropene
Concen: 6.22 ug/l
RT: 9.845 min Scan# 3041
Delta R.T. 0.069 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

Tgt Ion: 75 Resp: 38309
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 27.0 46.2 69.2#

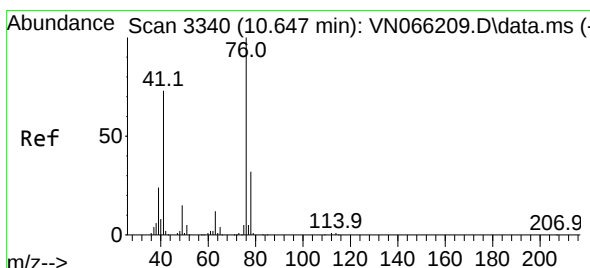
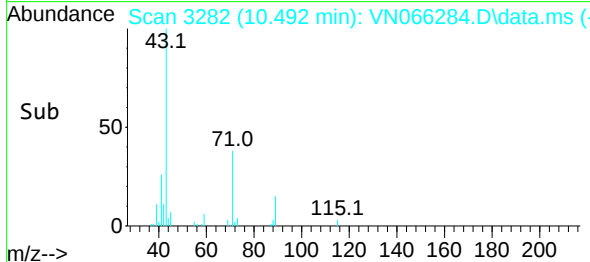
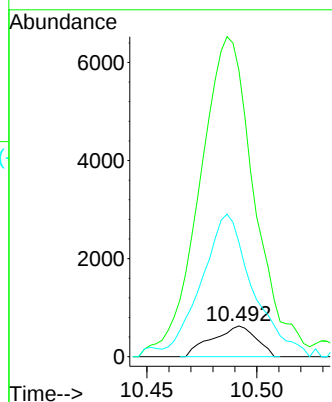
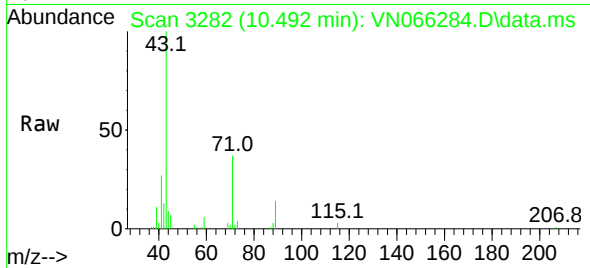




#56
Ethyl methacrylate
Concen: 2.30 ug/l
RT: 10.492 min Scan# 3282
Delta R.T. 0.121 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

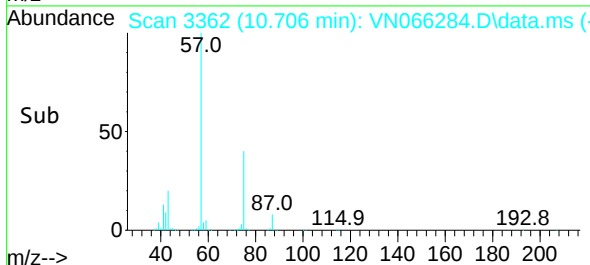
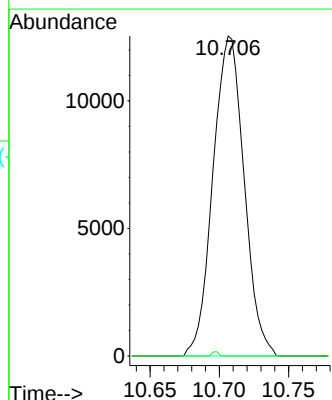
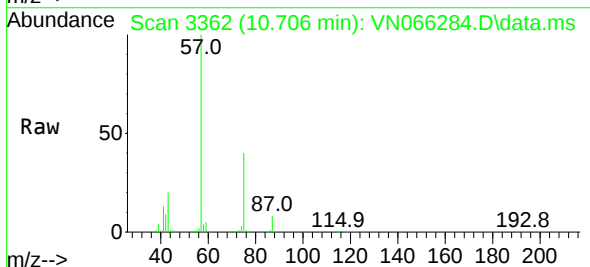
Instrument :
MSVOA_N
ClientSampleId :
YELLOW-WALL-COMP

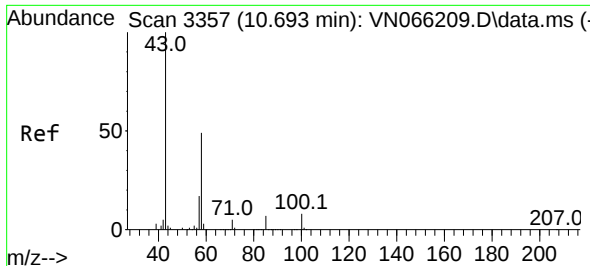
Tgt Ion: 69 Resp: 869
Ion Ratio Lower Upper
69 100
41 1303.7 66.2 99.4#
39 547.5 31.5 47.3#



#57
1,3-Dichloropropane
Concen: 3.21 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.059 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

Tgt Ion: 76 Resp: 19609
Ion Ratio Lower Upper
76 100
78 0.3 25.4 38.2#

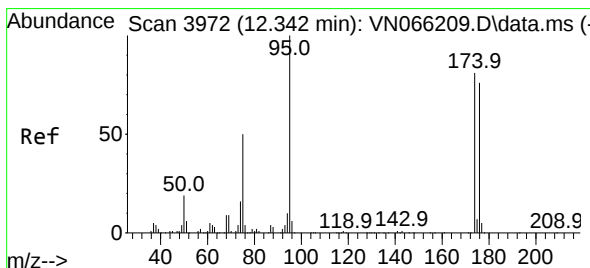
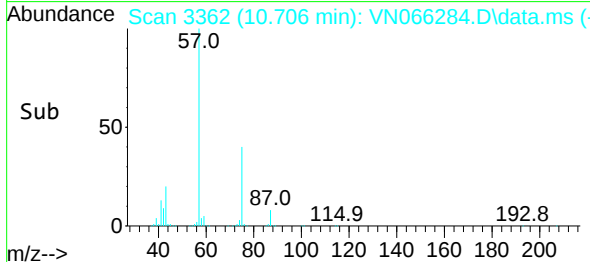
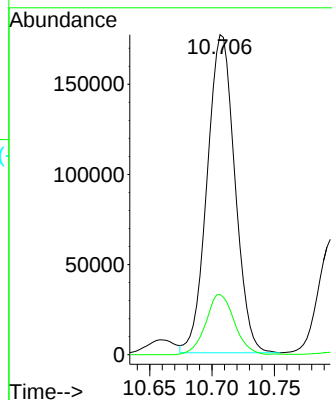
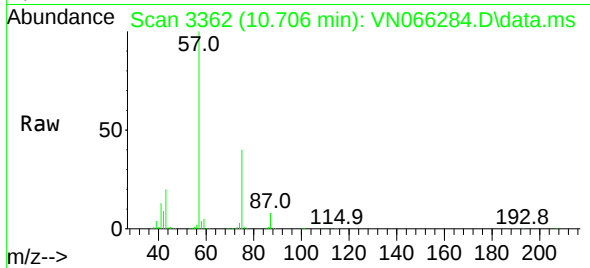




#59
2-Hexanone
Concen: 56.18 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.013 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

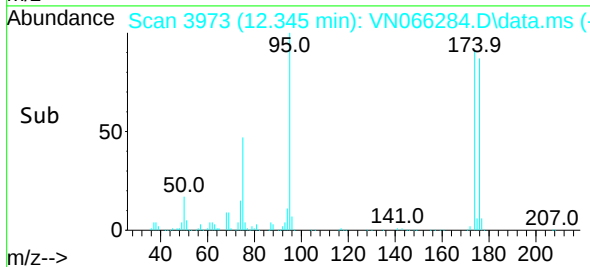
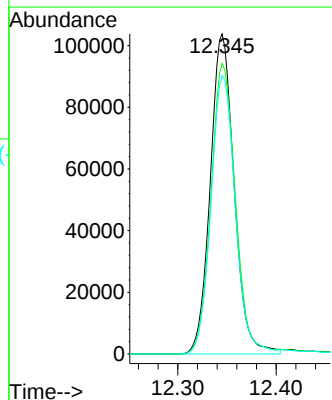
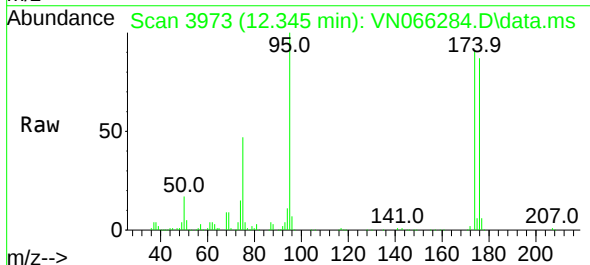
Instrument :
MSVOA_N
ClientSampleId :
YELLOW-WALL-COMP

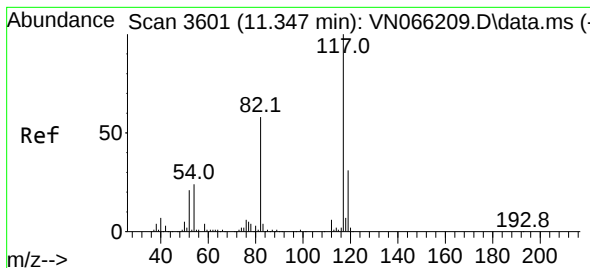
Tgt Ion: 43 Resp: 273319
Ion Ratio Lower Upper
43 100
58 19.6 23.8 71.5#



#62
4-Bromofluorobenzene
Concen: 42.13 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

Tgt Ion: 95 Resp: 175583
Ion Ratio Lower Upper
95 100
174 92.7 0.0 162.4
176 88.1 0.0 156.2

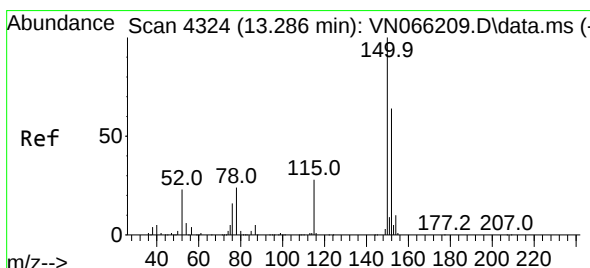
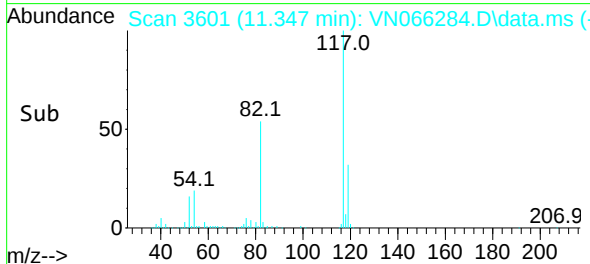
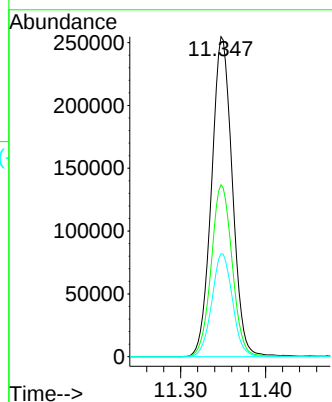
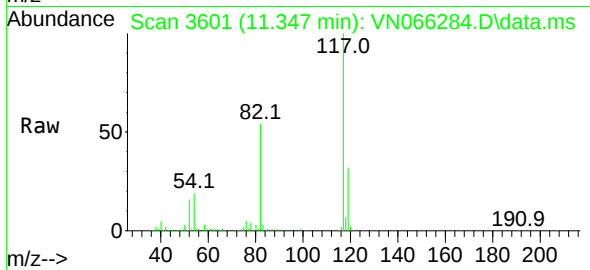




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

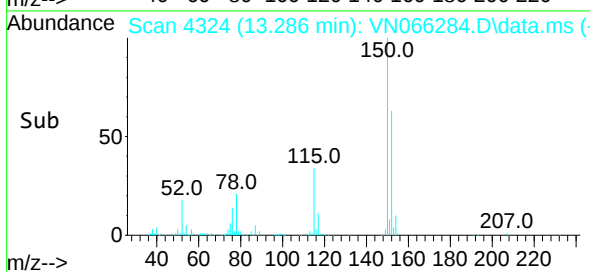
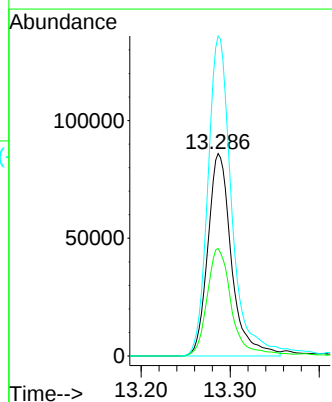
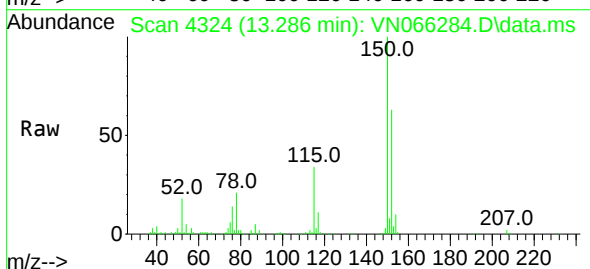
Instrument :
MSVOA_N
ClientSampleId :
YELLOW-WALL-COMP

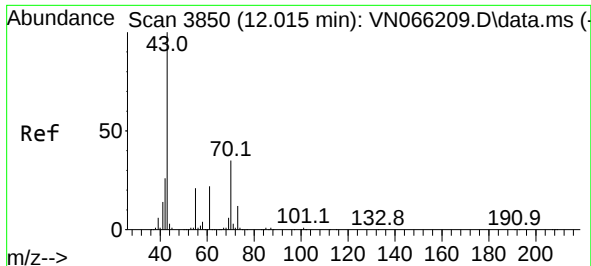
Tgt Ion:117 Resp: 432975
Ion Ratio Lower Upper
117 100
82 53.7 49.0 73.6
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

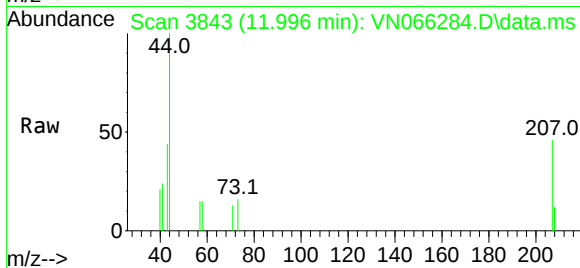
Tgt Ion:152 Resp: 158802
Ion Ratio Lower Upper
152 100
115 55.0 29.4 88.3
150 161.5 0.0 352.2



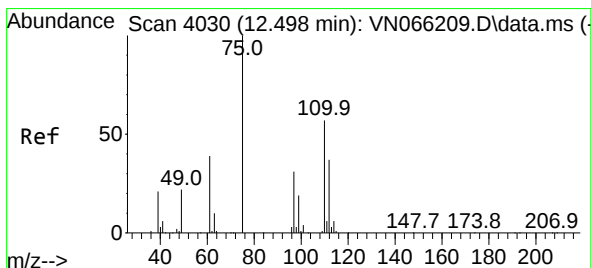
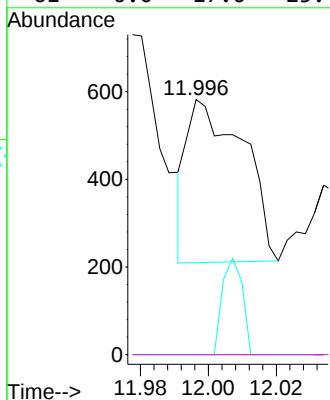
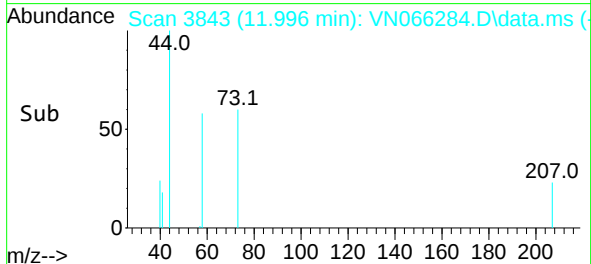


#74
N-amy1 acetate
Concen: 2.23 ug/l
RT: 11.996 min Scan# 3843
Delta R.T. -0.019 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

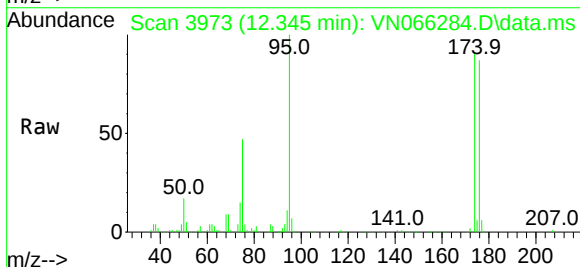
Instrument :
MSVOA_N
ClientSampleId :
YELLOW-WALL-COMP



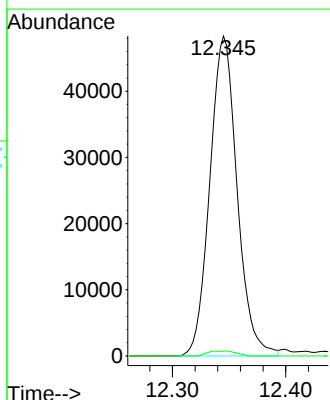
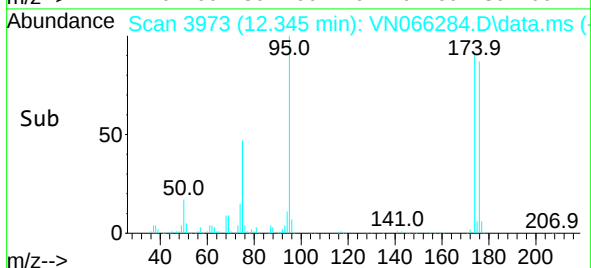
Tgt Ion: 43	Resp: 426
Ion Ratio	Lower Upper
43 100	
70 0.0	26.2 39.4#
55 21.1	17.2 25.8
61 0.0	17.0 25.4#

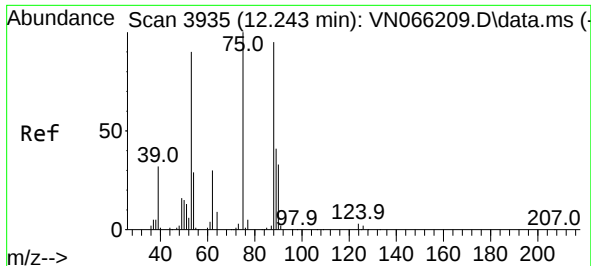


#76
1,2,3-Trichloropropane
Concen: 19.73 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38



Tgt Ion: 75	Resp: 80899
Ion Ratio	Lower Upper
75 100	
77 0.8	0.0 0.0#

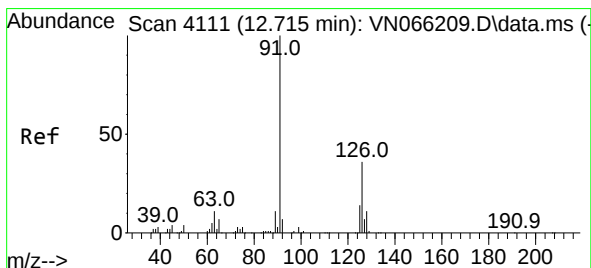
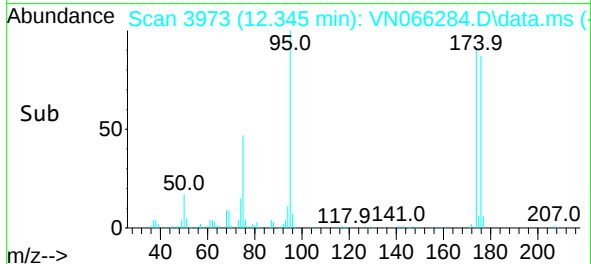
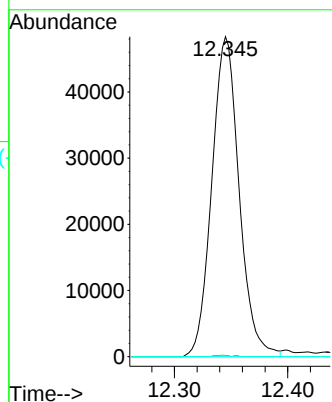
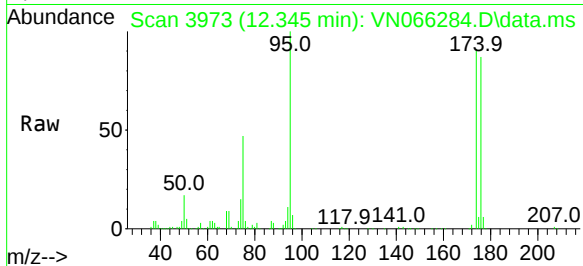




#81
trans-1,4-Dichloro-2-butene
Concen: 59.03 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

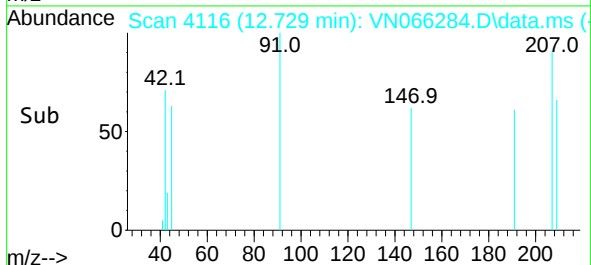
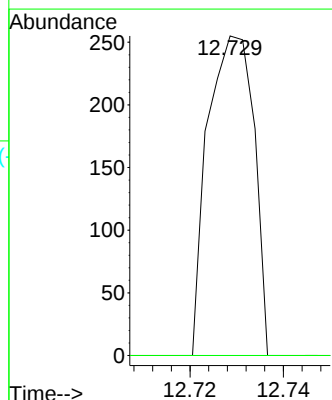
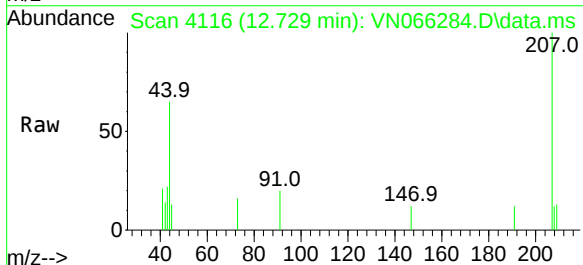
Instrument :
MSVOA_N
ClientSampleId :
YELLOW-WALL-COMP

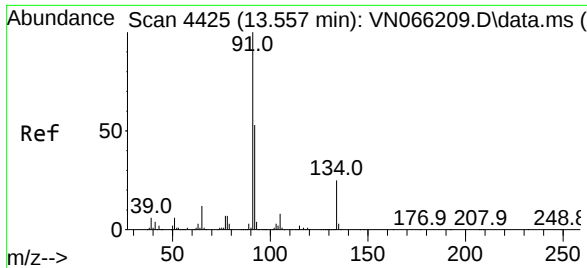
Tgt Ion: 75 Resp: 80899
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.6#
89 0.0 33.7 50.5#



#82
4-Chlorotoluene
Concen: 0.49 ug/l
RT: 12.729 min Scan# 4116
Delta R.T. 0.014 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

Tgt Ion: 91 Resp: 175
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#

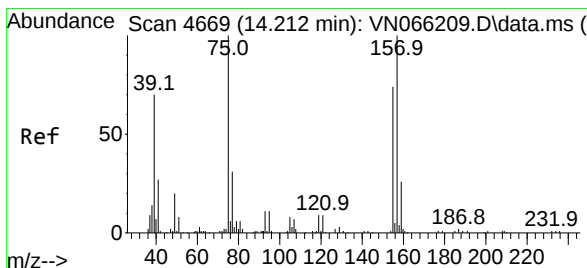
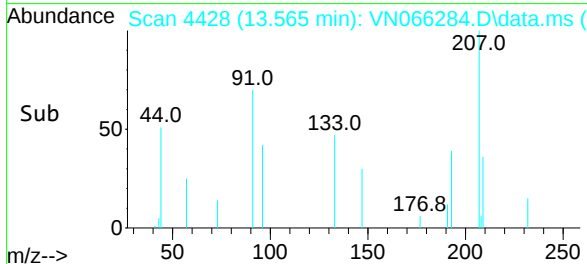
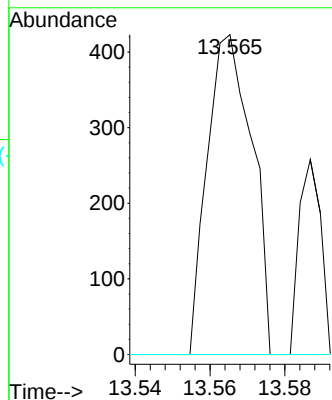
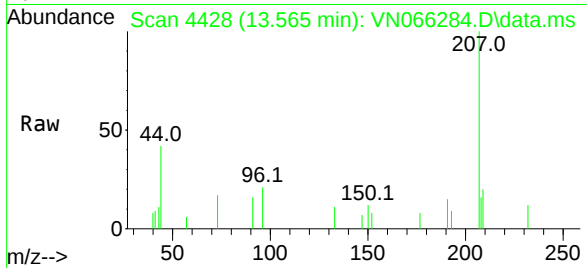




#89
n-Butylbenzene
Concen: 2.27 ug/l
RT: 13.565 min Scan# 4428
Delta R.T. 0.008 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

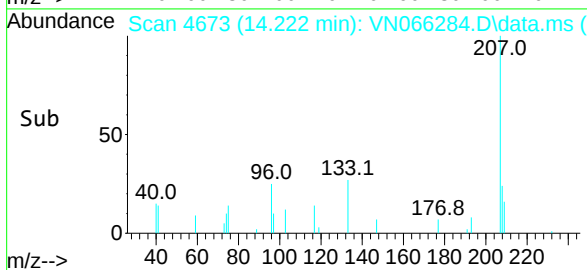
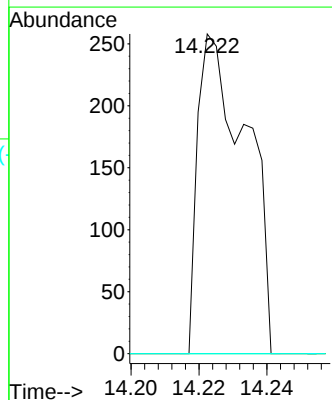
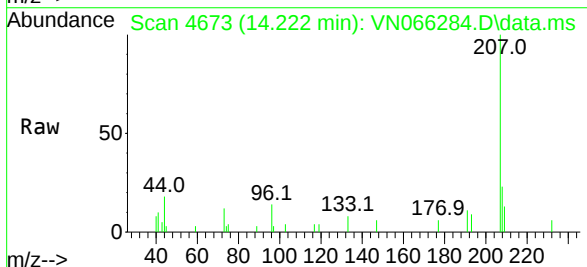
Instrument :
MSVOA_N
ClientSampleId :
YELLOW-WALL-COMP

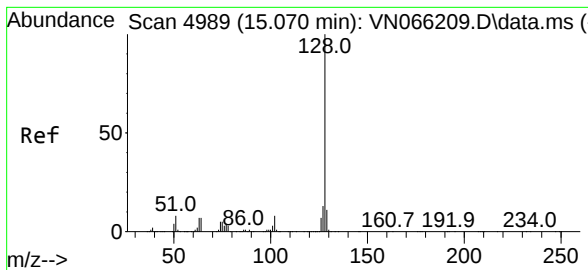
Tgt Ion: 91 Resp: 351
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 0.0 11.8 35.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.12 ug/l
RT: 14.222 min Scan# 4673
Delta R.T. 0.010 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

Tgt Ion: 75 Resp: 255
Ion Ratio Lower Upper
75 100
155 0.0 36.5 109.7#
157 0.0 46.3 138.8#





#95
Naphthalene
Concen: 0.28 ug/l
RT: 15.075 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN066284.D
Acq: 19 Mar 2021 16:38

Instrument :
MSVOA_N
ClientSampleId :
YELLOW-WALL-COMP

Tgt Ion:128 Resp: 2626
Ion Ratio Lower Upper
128 100
127 1.9 10.3 15.5#
129 0.0 8.4 12.6#

