

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066408.D
 Acq On : 30 Mar 2021 4:19
 Operator : JC/MD
 Sample : M1821-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EL-511-STREET-LEVEL

Quant Time: Mar 30 07:09:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

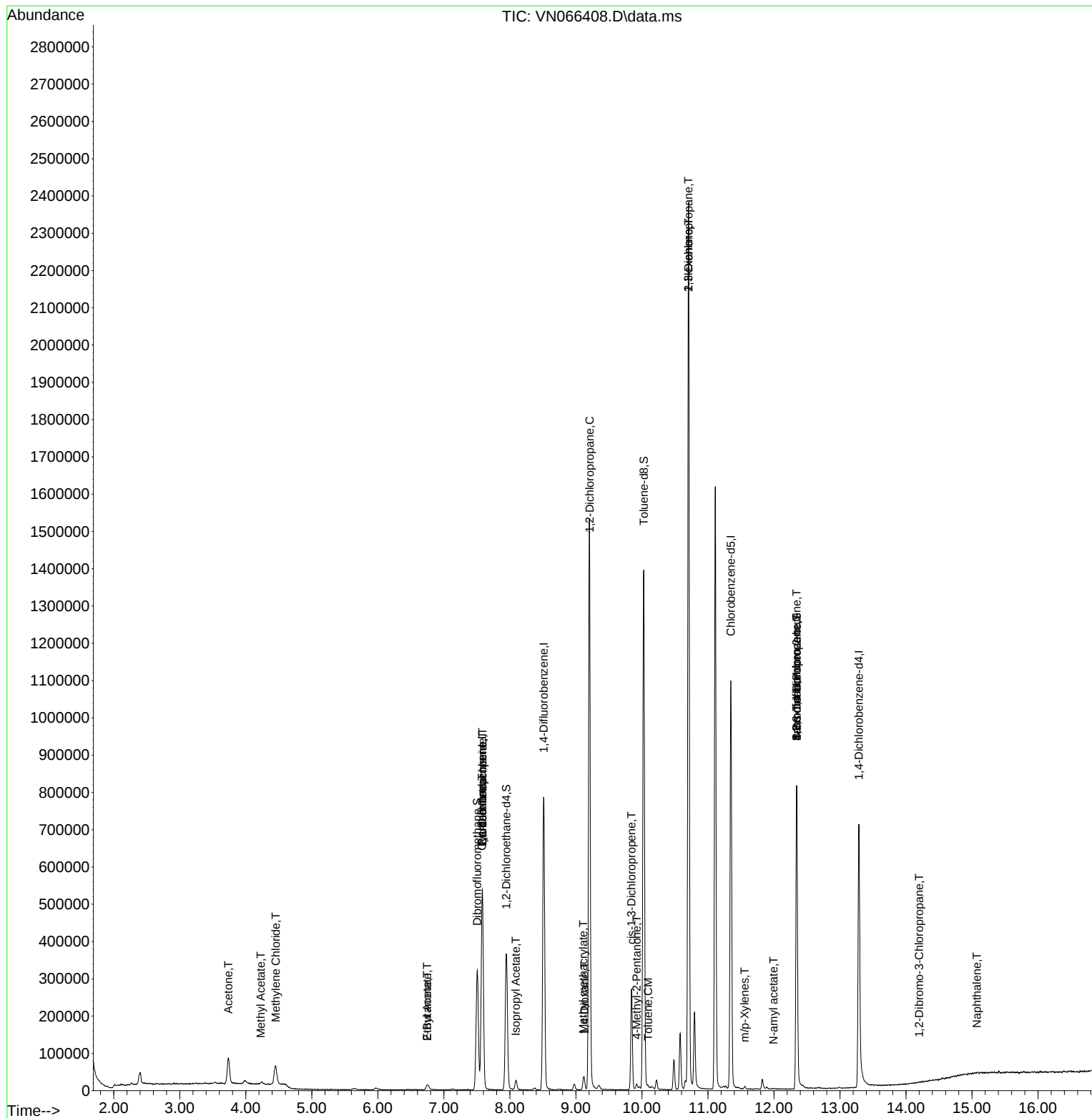
Internal Standards						
1) Pentafluorobenzene	7.582	168	450592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	687602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	619712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	224988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	310915	51.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.82%			
35) Dibromofluoromethane	7.506	113	243550	53.43	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.86%			
50) Toluene-d8	10.028	98	942823	54.53	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.06%			
62) 4-Bromofluorobenzene	12.345	95	274690	45.74	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.48%			
Target Compounds					Qvalue	
3) Chloromethane	2.008	50	2971	Below Cal		93
13) Acrolein	3.529	56	3572	Below Cal	#	41
16) Acetone	3.736	43	110167	34.04	ug/l	96
18) Methyl Acetate	4.229	43	11460	1.36	ug/l	# 75
20) Methylene Chloride	4.454	84	34786	4.90	ug/l	97
25) 2-Butanone	6.747	43	15161	4.29	ug/l	96
31) Cyclohexane	7.579	56	9419	1.14	ug/l	# 1
36) 1,1-Dichloropropene	7.584	75	33200	5.14	ug/l	# 49
37) Ethyl Acetate	6.747	43	15161	2.13	ug/l	# 69
38) Carbon Tetrachloride	7.584	117	40612	6.25	ug/l	# 16
43) Isopropyl Acetate	8.091	43	31000	2.55	ug/l	99
45) 1,2-Dichloropropane	9.210	63	1782	0.34	ug/l	# 43
48) Methyl methacrylate	9.113	41	10219	1.77	ug/l	# 27
49) 1,4-Dioxane	9.129	88	28	0.39	ug/l	# 1
51) 4-Methyl-2-Pentanone	9.920	43	9776	1.38	ug/l	96
52) Toluene	10.095	92	2730	0.23	ug/l	93
54) cis-1,3-Dichloropropene	9.842	75	46958	5.72	ug/l	# 59
57) 1,3-Dichloropropane	10.706	76	22584	2.83	ug/l	# 42
59) 2-Hexanone	10.706	43	333863	67.10	ug/l	# 53
68) m/p-Xylenes	11.556	106	1819	0.21	ug/l	90
71) Bromoform	12.345	173	2662	0.67	ug/l	# 1
74) N-amyl acetate	11.993	43	429	3.26	ug/l	# 45
76) 1,2,3-Trichloropropane	12.345	75	141170	28.59	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.345	75	141170	85.99	ug/l	# 12
92) 1,2-Dibromo-3-Chloropr...	14.201	75	663	0.65	ug/l	# 1
95) Naphthalene	15.075	128	589	1.09	ug/l	# 69

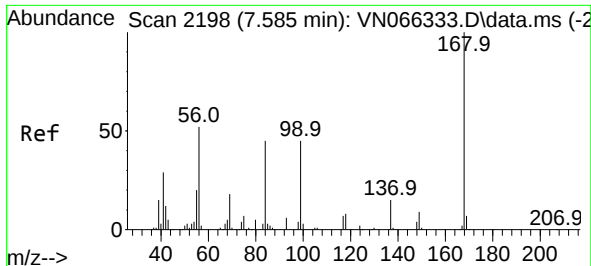
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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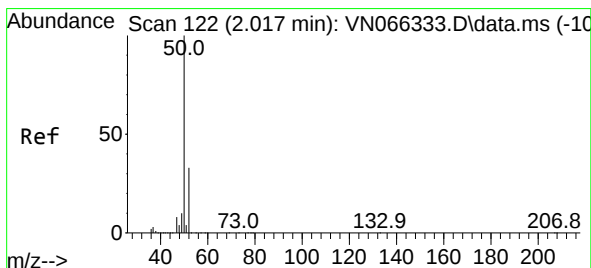
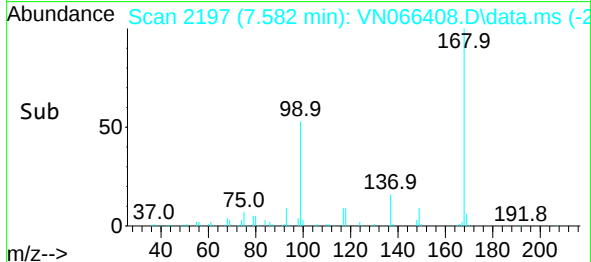
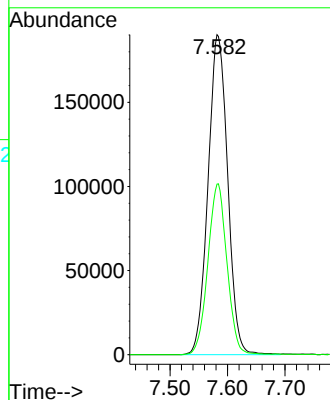
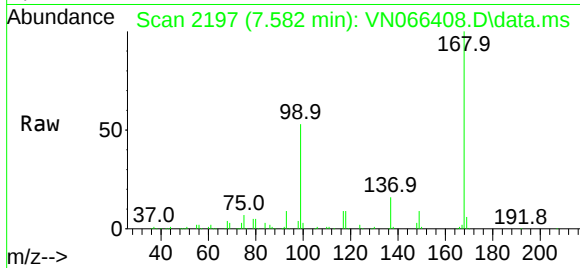




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

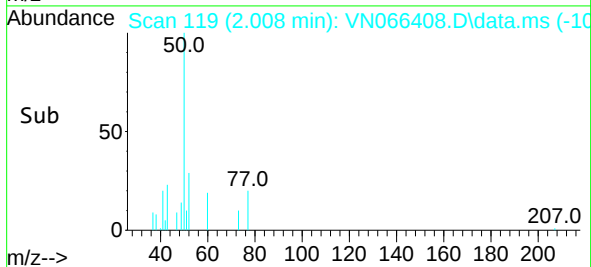
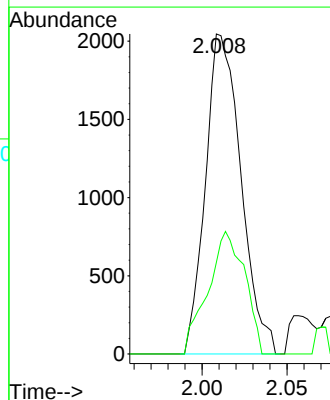
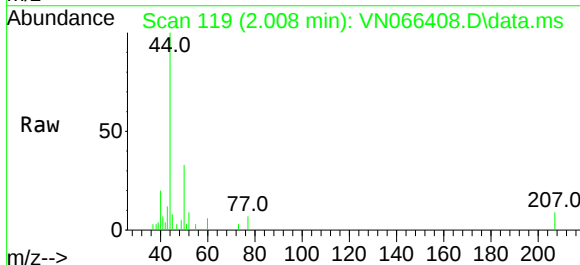
Instrument :
MSVOA_N
ClientSampleId :
EL-511-STREET-LEVEL

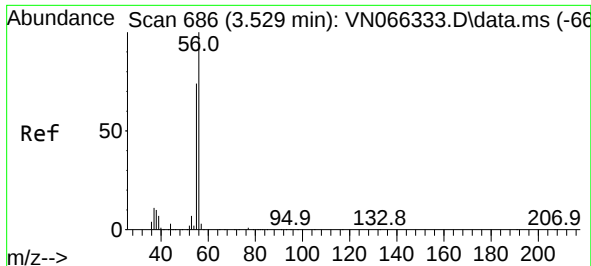
Tgt Ion:168 Resp: 450592
Ion Ratio Lower Upper
168 100
99 53.3 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.008 min Scan# 119
Delta R.T. -0.009 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Tgt Ion: 50 Resp: 2971
Ion Ratio Lower Upper
50 100
52 28.6 26.2 39.2

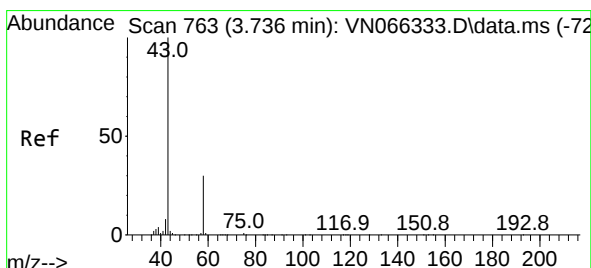
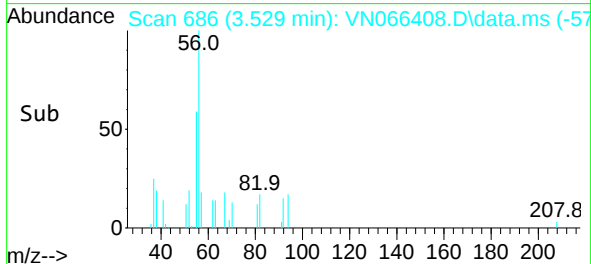
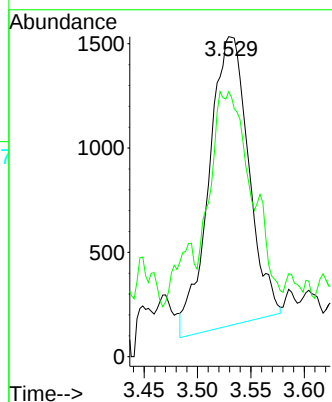
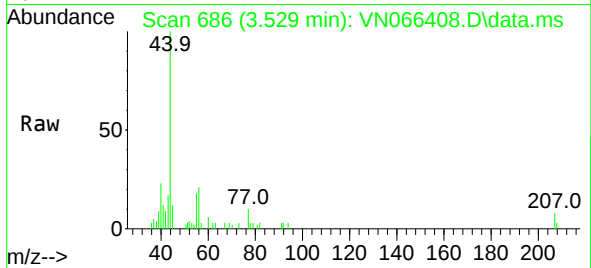




#13
Acrolein
Concen: Below Cal
RT: 3.529 min Scan# 686
Delta R.T. 0.000 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

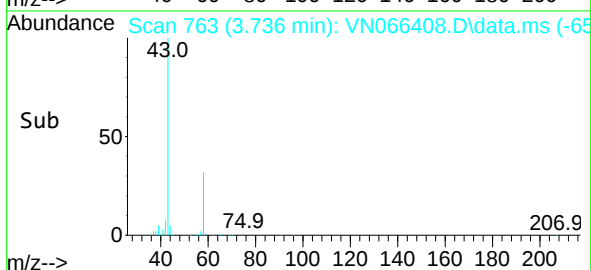
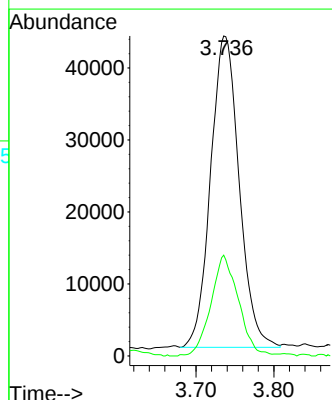
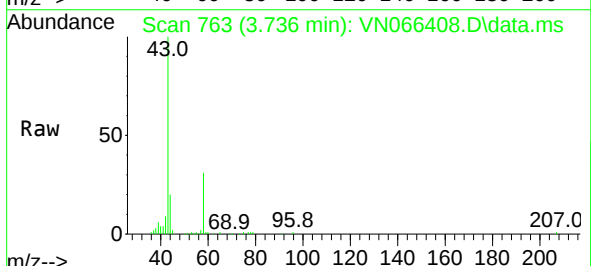
Instrument :
MSVOA_N
ClientSampleId :
EL-511-STREET-LEVEL

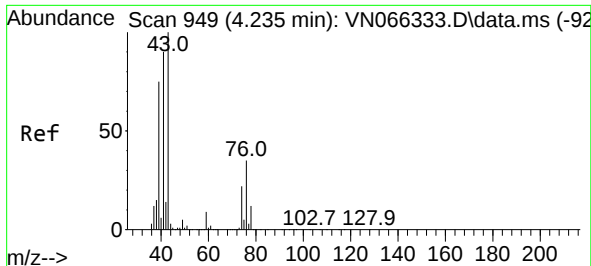
Tgt Ion: 56 Resp: 3572
Ion Ratio Lower Upper
56 100
55 23.1 57.9 86.9#



#16
Acetone
Concen: 34.04 ug/l
RT: 3.736 min Scan# 763
Delta R.T. -0.000 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Tgt Ion: 43 Resp: 110167
Ion Ratio Lower Upper
43 100
58 31.9 23.8 35.8

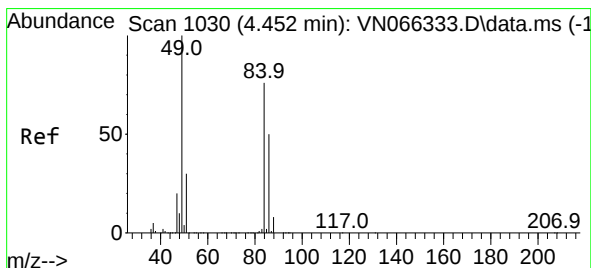
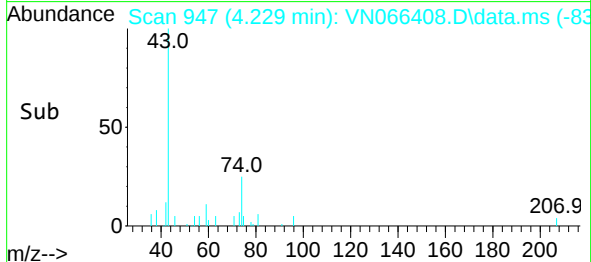
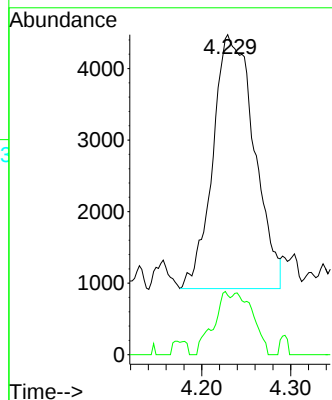
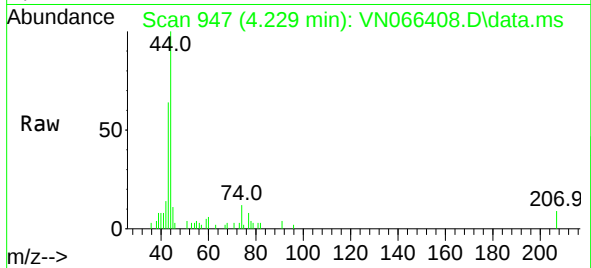




#18
Methyl Acetate
Concen: 1.36 ug/l
RT: 4.229 min Scan# 947
Delta R.T. -0.006 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

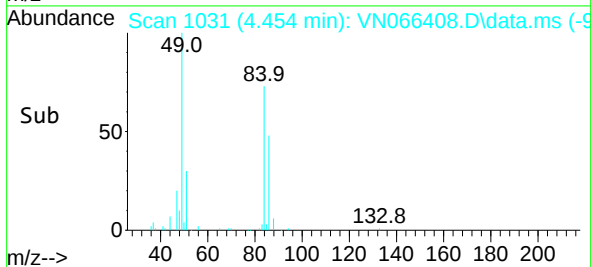
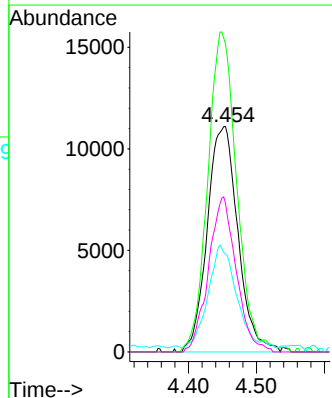
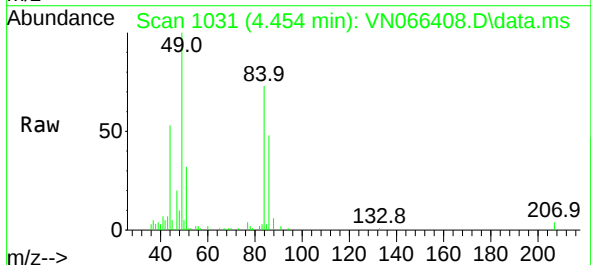
Instrument :
MSVOA_N
ClientSampleId :
EL-511-STREET-LEVEL

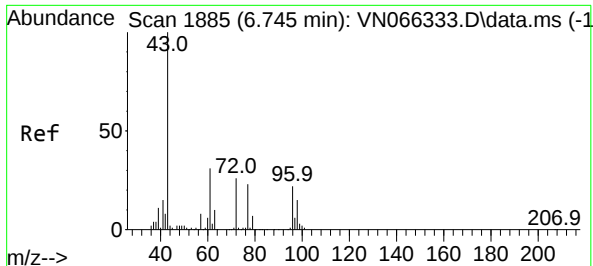
Tgt Ion: 43 Resp: 11460
Ion Ratio Lower Upper
43 100
74 10.0 17.6 26.4#



#20
Methylene Chloride
Concen: 4.90 ug/l
RT: 4.454 min Scan# 1031
Delta R.T. 0.002 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Tgt Ion: 84 Resp: 34786
Ion Ratio Lower Upper
84 100
49 136.5 105.0 157.6
51 41.3 31.6 47.4
86 66.0 53.0 79.6

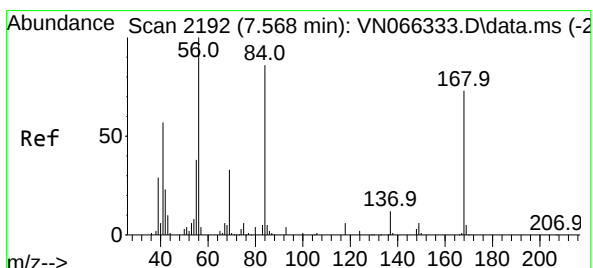
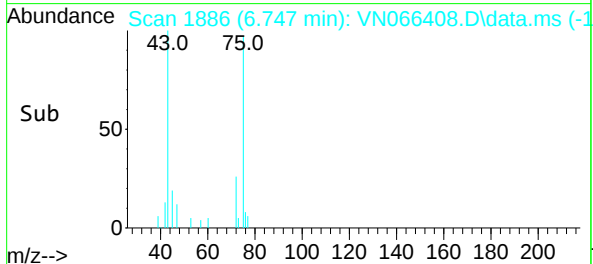
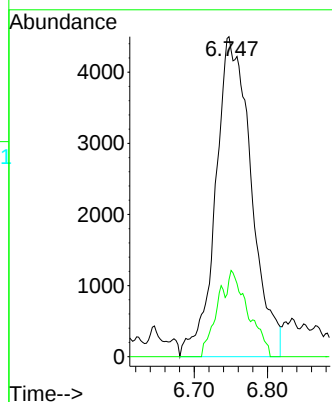
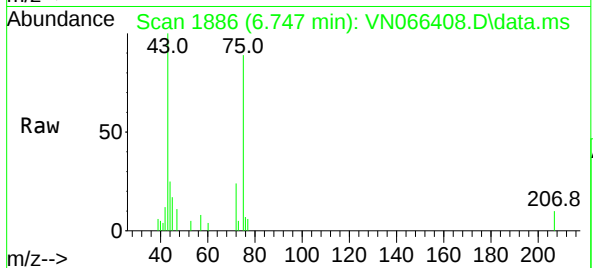




#25
2-Butanone
Concen: 4.29 ug/l
RT: 6.747 min Scan# 1886
Delta R.T. 0.002 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

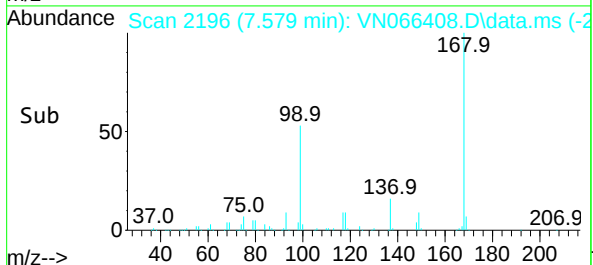
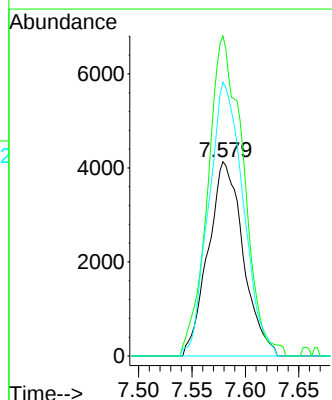
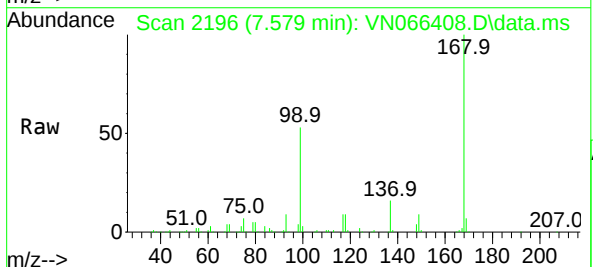
Instrument :
MSVOA_N
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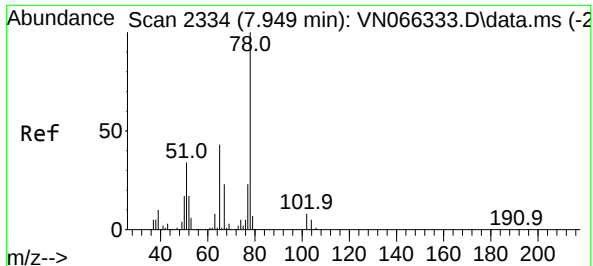
Tgt Ion: 43 Resp: 15161
Ion Ratio Lower Upper
43 100
72 24.1 20.7 31.1



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.010 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

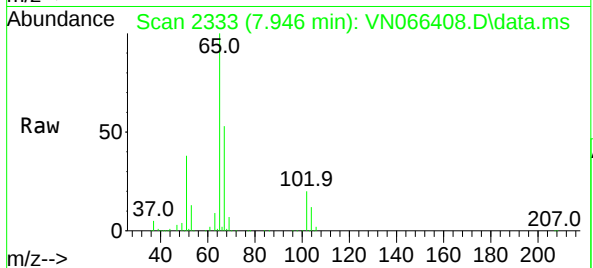
Tgt Ion: 56 Resp: 9419
Ion Ratio Lower Upper
56 100
69 164.7 26.6 40.0#
84 140.9 68.7 103.1#



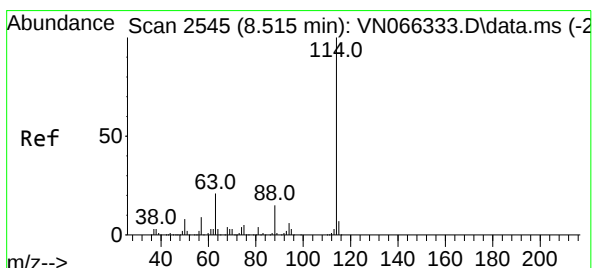
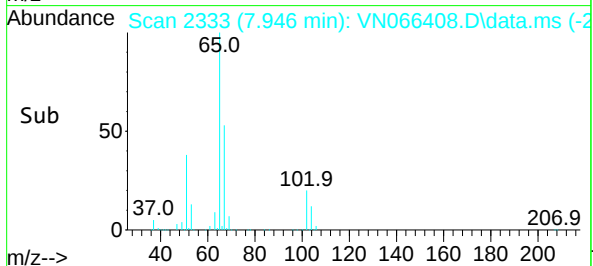
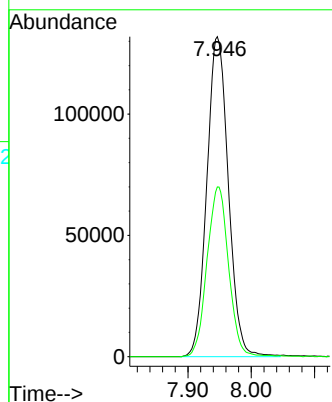


#33
 1,2-Dichloroethane-d4
 Concen: 51.91 ug/l
 RT: 7.946 min Scan# 2333
 Delta R.T. -0.003 min
 Lab File: VN066408.D
 Acq: 30 Mar 2021 4:19

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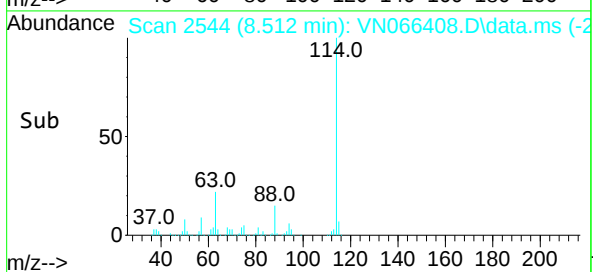
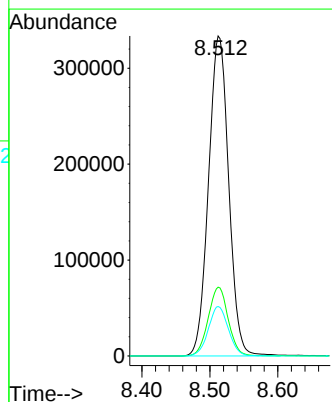
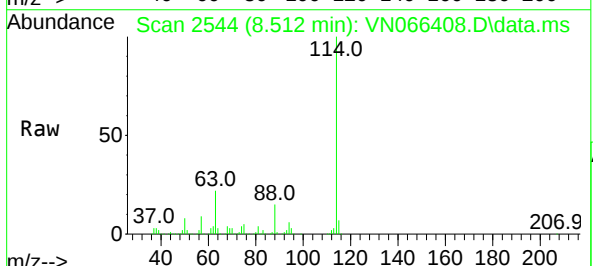


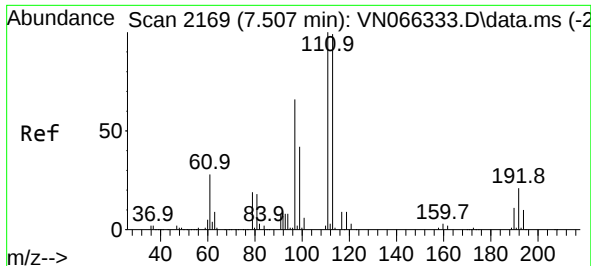
Tgt Ion: 65 Resp: 310915
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.512 min Scan# 2544
 Delta R.T. -0.003 min
 Lab File: VN066408.D
 Acq: 30 Mar 2021 4:19

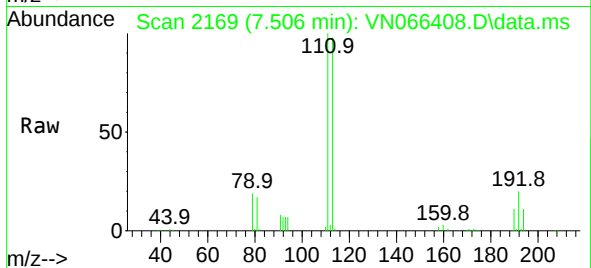
Tgt Ion: 114 Resp: 687602
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.0
 88 15.5 0.0 31.0



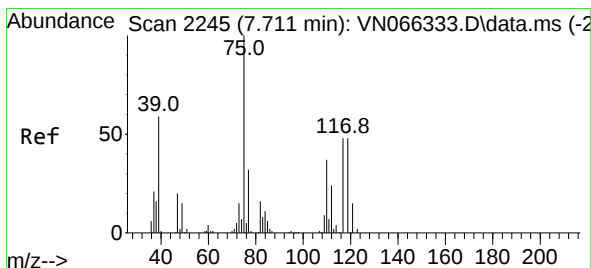
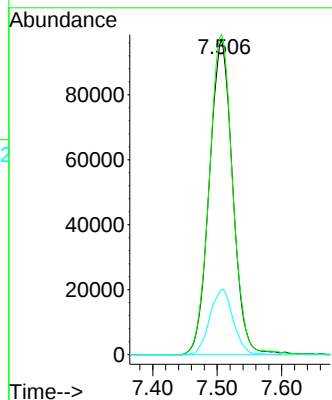
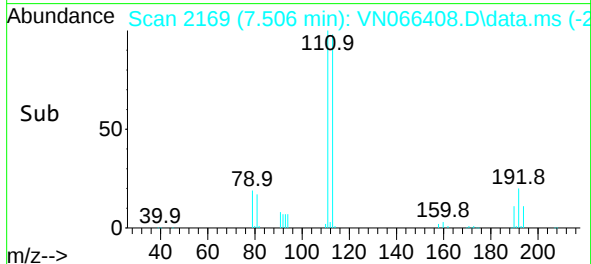


#35
Dibromofluoromethane
Concen: 53.43 ug/l
RT: 7.506 min Scan# 2169
Delta R.T. -0.001 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

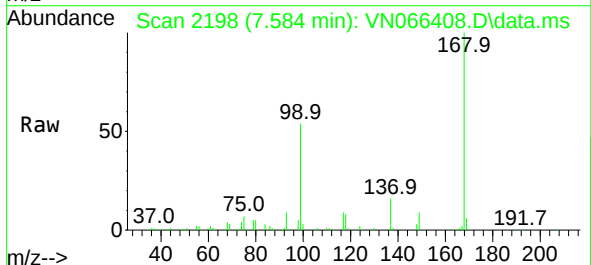
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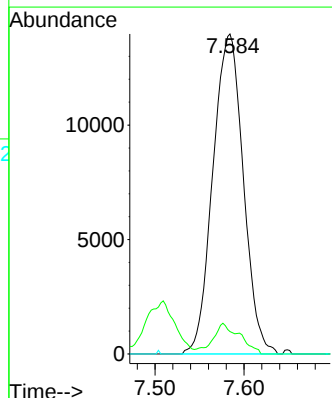
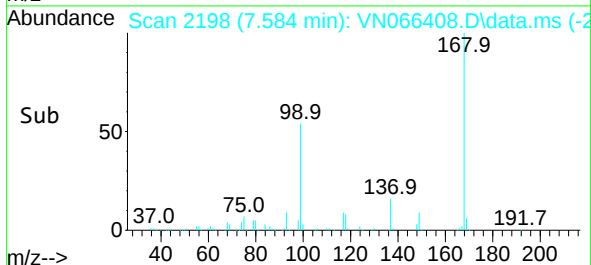
Tgt Ion:113 Resp: 243550
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 20.9 17.1 25.7

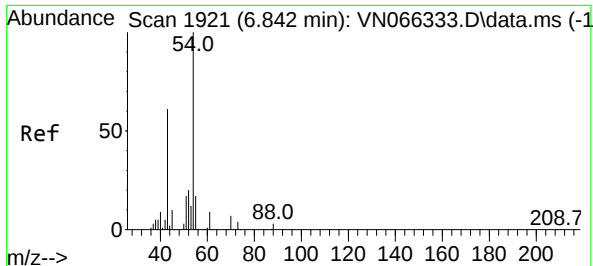


#36
1,1-Dichloropropene
Concen: 5.14 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.126 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19



Tgt Ion: 75 Resp: 33200
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 2.13 ug/l

RT: 6.747 min Scan# 1886

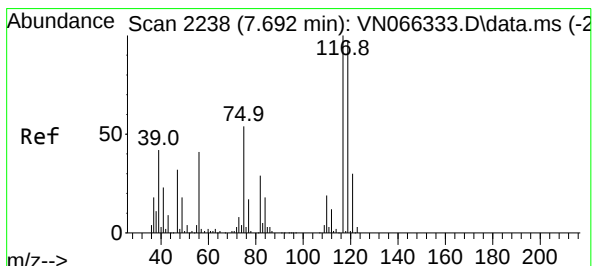
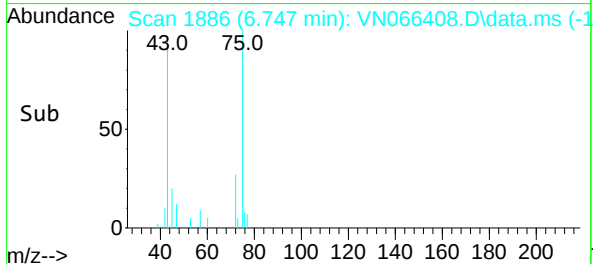
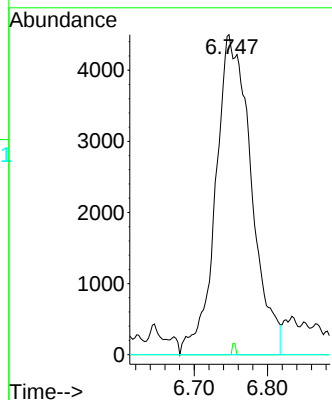
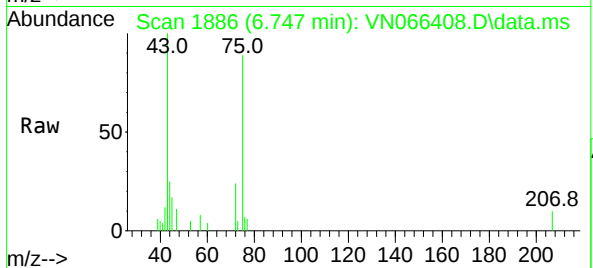
Delta R.T. -0.094 min

Lab File: VN066408.D

Acq: 30 Mar 2021 4:19

Tgt Ion:	43	Resp:	15161
Ion	Ratio	Lower	Upper
43	100		
61	0.3	11.1	16.7#
70	0.0	8.0	12.0#

Instrument :
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#38

Carbon Tetrachloride

Concen: 6.25 ug/l

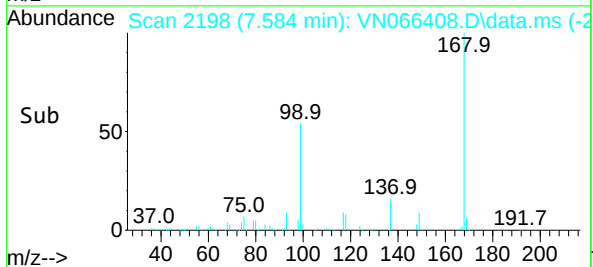
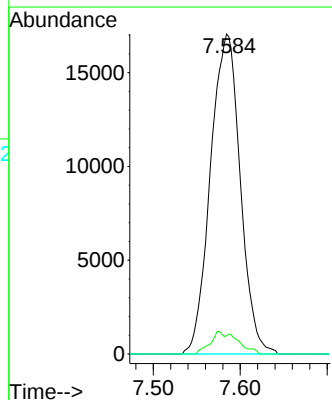
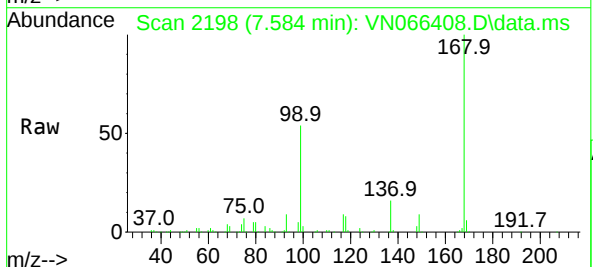
RT: 7.584 min Scan# 2198

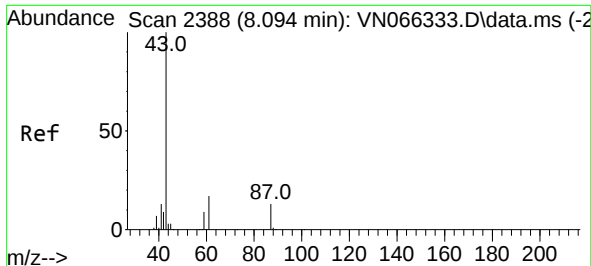
Delta R.T. -0.108 min

Lab File: VN066408.D

Acq: 30 Mar 2021 4:19

Tgt Ion:	117	Resp:	40612
Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.2	115.8#
121	0.0	24.2	36.4#

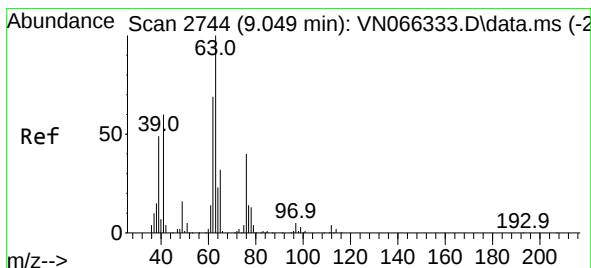
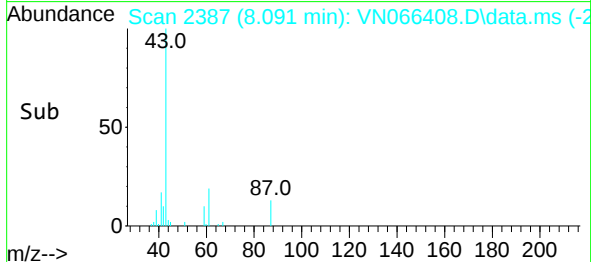
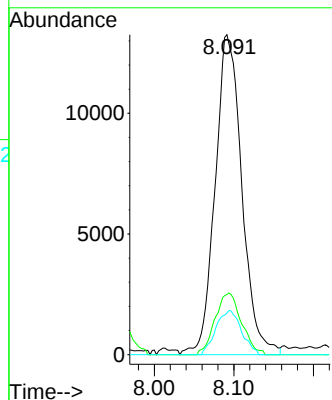
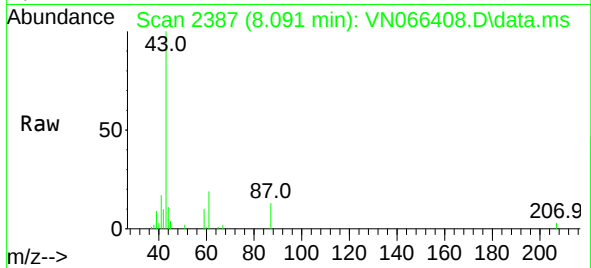




#43
Isopropyl Acetate
Concen: 2.55 ug/l
RT: 8.091 min Scan# 2387
Delta R.T. -0.003 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

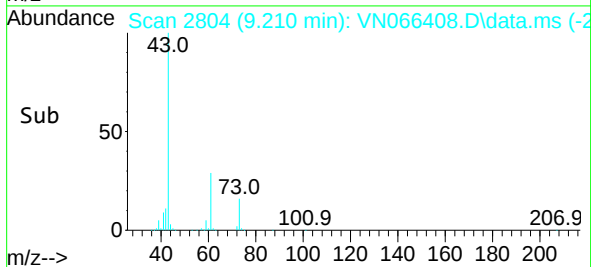
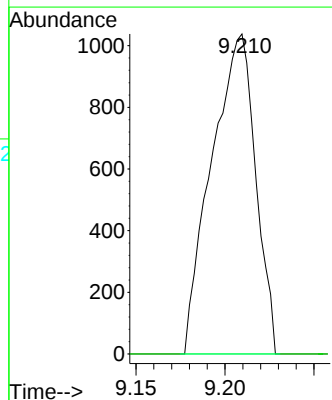
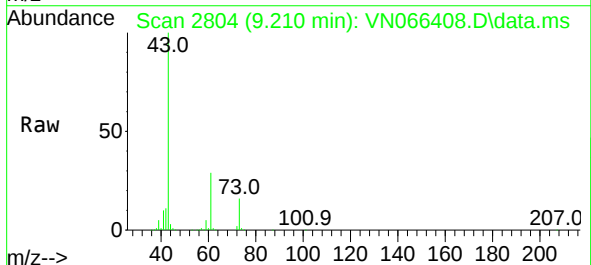
Instrument :
MSVOA_N
ClientSampleId :
EL-511-STREET-LEVEL

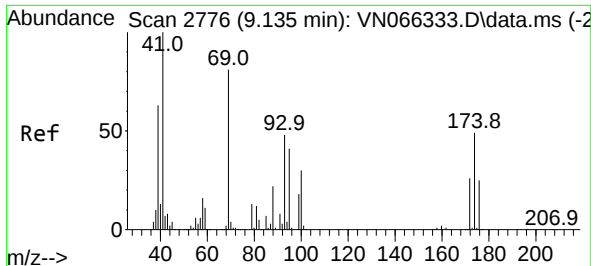
Tgt Ion:	43	Resp:	31000
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.5	23.3
87	13.2	10.5	15.7



#45
1,2-Dichloropropane
Concen: 0.34 ug/l
RT: 9.210 min Scan# 2804
Delta R.T. 0.161 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Tgt Ion:	63	Resp:	1782
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.5	38.3#

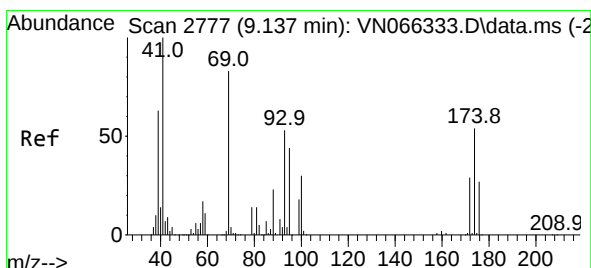
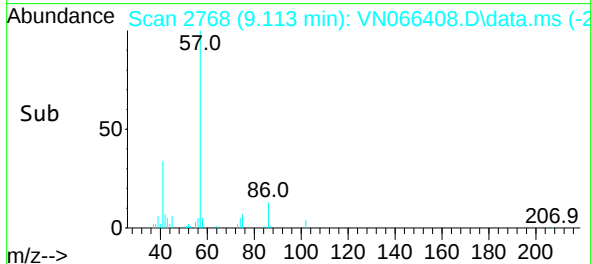
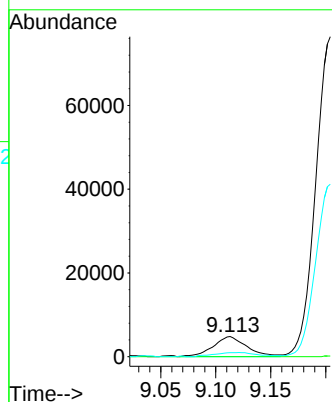
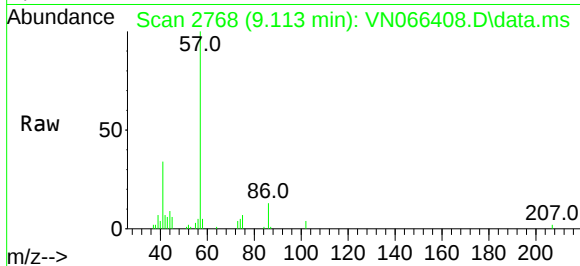




#48
Methyl methacrylate
Concen: 1.77 ug/l
RT: 9.113 min Scan# 2768
Delta R.T. -0.022 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

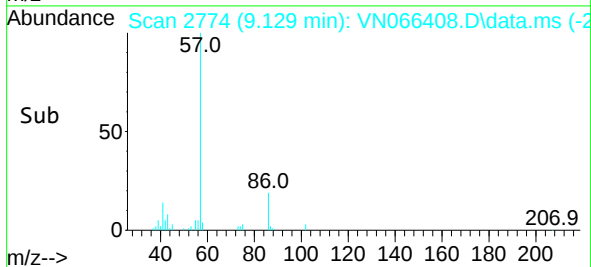
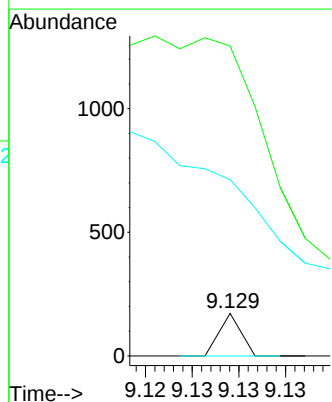
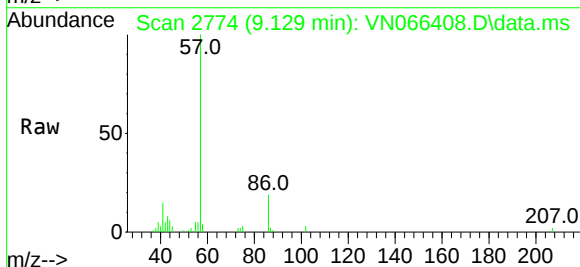
Instrument :
MSVOA_N
ClientSampleId :
EL-511-STREET-LEVEL

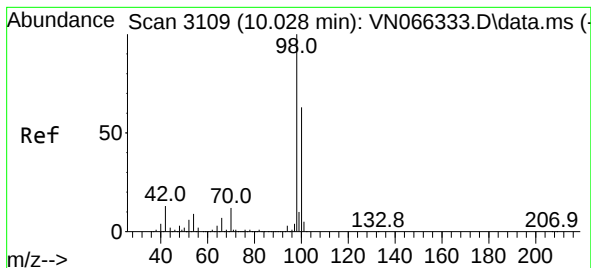
Tgt Ion: 41 Resp: 10219
Ion Ratio Lower Upper
41 100
69 0.0 66.2 99.4#
39 27.1 51.5 77.3#



#49
1,4-Dioxane
Concen: 0.39 ug/l
RT: 9.129 min Scan# 2774
Delta R.T. -0.008 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Tgt Ion: 88 Resp: 28
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 5678.6 56.6 84.8#

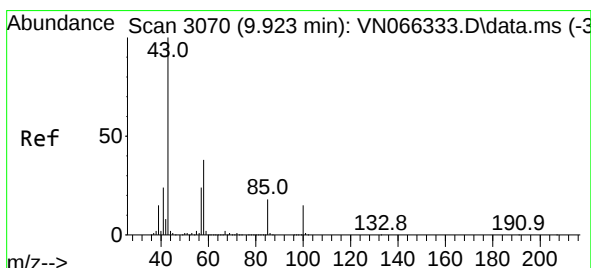
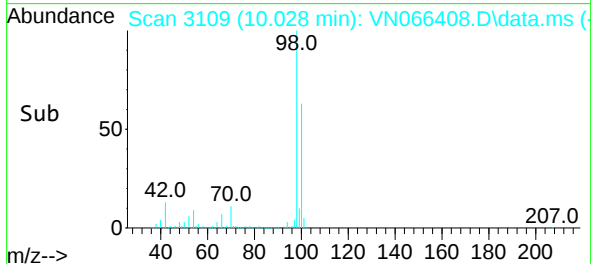
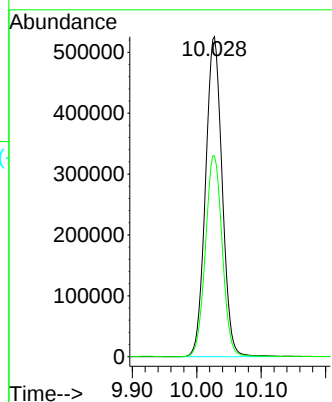
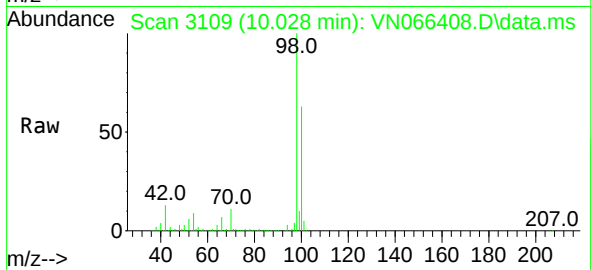




#50
Toluene-d8
Concen: 54.53 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

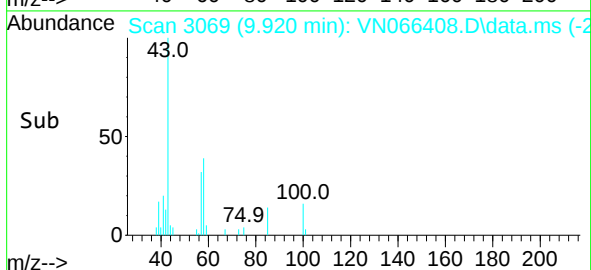
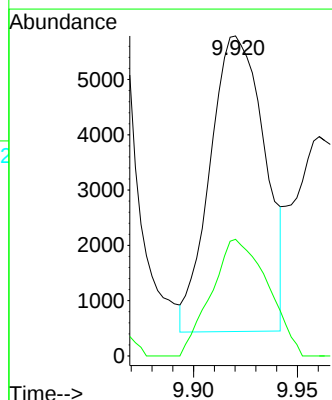
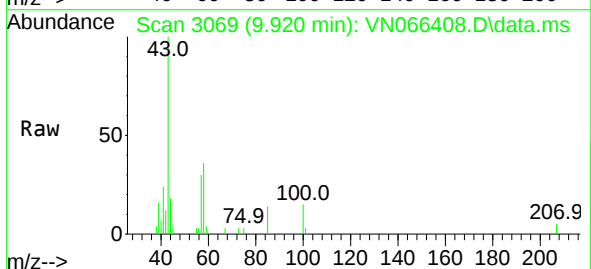
Instrument :
MSVOA_N
ClientSampleId :
EL-511-STREET-LEVEL

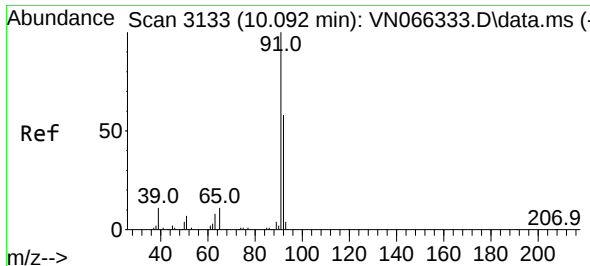
Tgt Ion: 98 Resp: 942823
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.38 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. -0.003 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Tgt Ion: 43 Resp: 9776
Ion Ratio Lower Upper
43 100
58 40.8 30.8 46.2

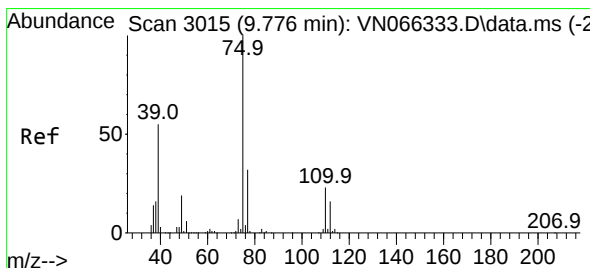
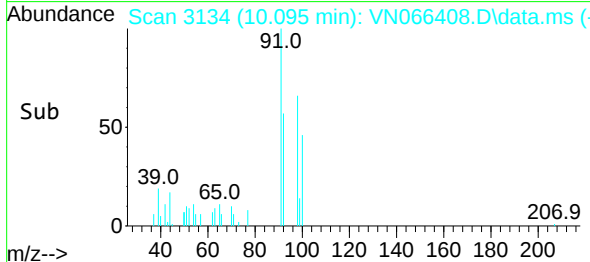
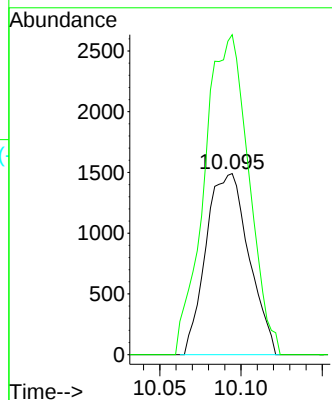
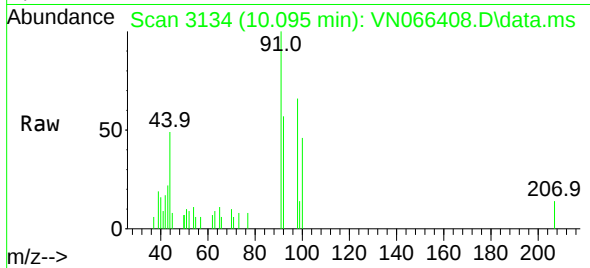




#52
Toluene
Concen: 0.23 ug/l
RT: 10.095 min Scan# 3134
Delta R.T. 0.002 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

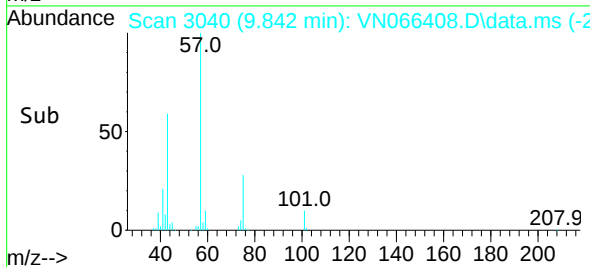
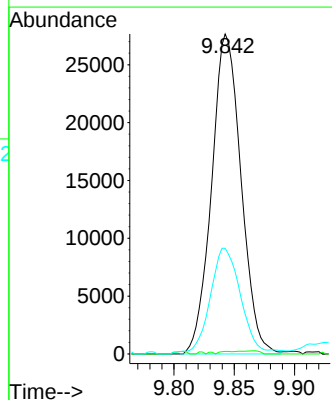
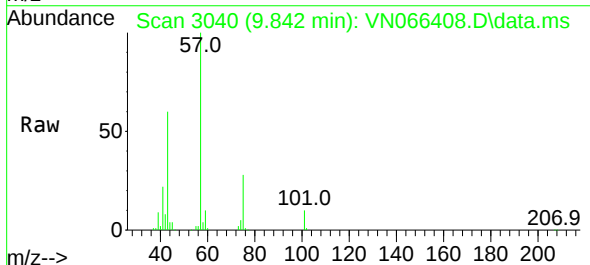
Instrument :
MSVOA_N
ClientSampleId :
EL-511-STREET-LEVEL

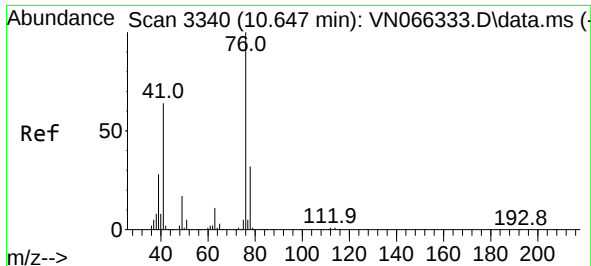
Tgt Ion: 92 Resp: 2730
Ion Ratio Lower Upper
92 100
91 182.8 138.8 208.2



#54
cis-1,3-Dichloropropene
Concen: 5.72 ug/l
RT: 9.842 min Scan# 3040
Delta R.T. 0.067 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Tgt Ion: 75 Resp: 46958
Ion Ratio Lower Upper
75 100
77 0.8 25.4 38.2#
39 31.9 44.2 66.4#

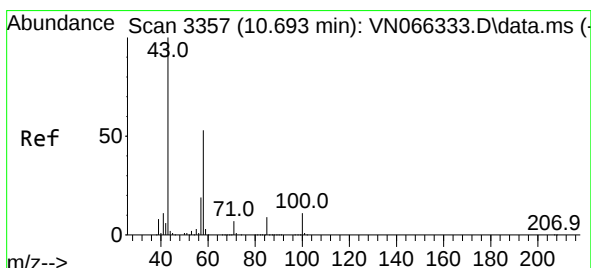
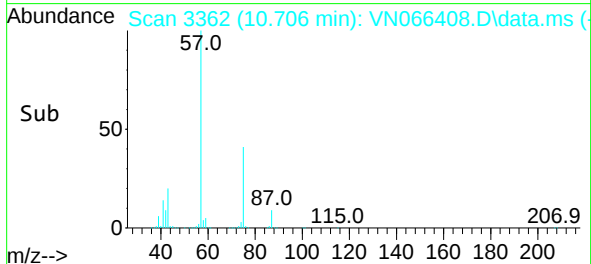
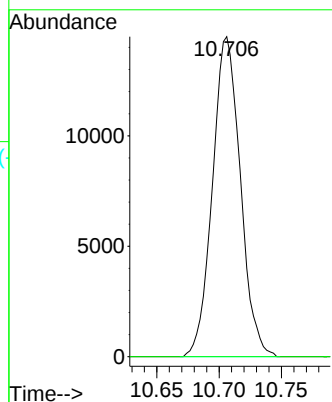
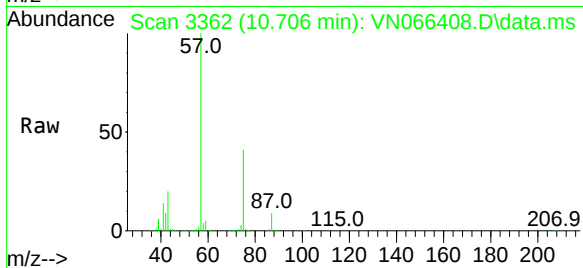




#57
1,3-Dichloropropane
Concen: 2.83 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.059 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

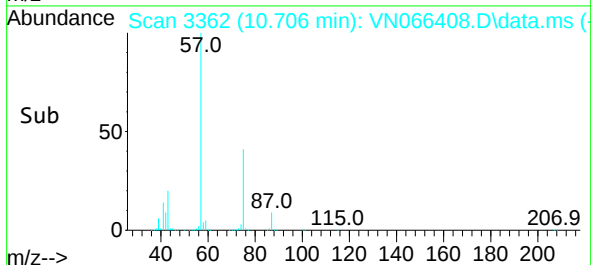
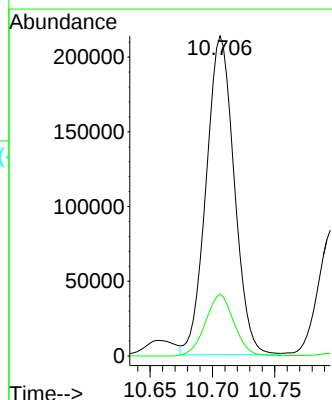
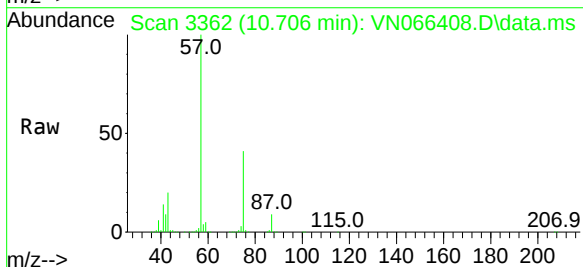
Instrument :
MSVOA_N
ClientSampleId :
EL-511-STREET-LEVEL

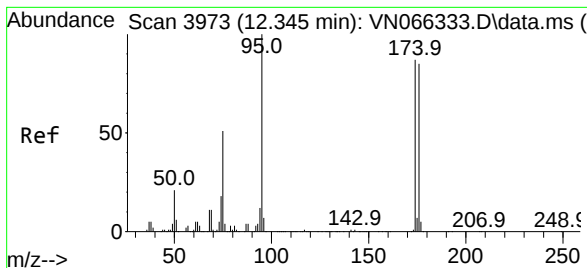
Tgt Ion: 76 Resp: 22584
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#



#59
2-Hexanone
Concen: 67.10 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.013 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Tgt Ion: 43 Resp: 333863
Ion Ratio Lower Upper
43 100
58 19.8 26.6 79.8#

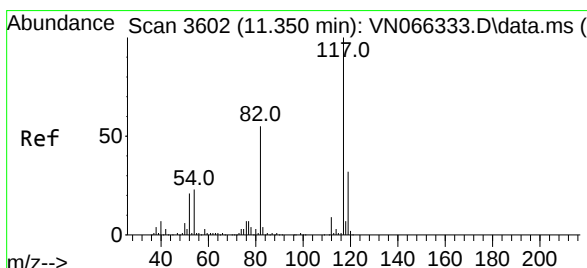
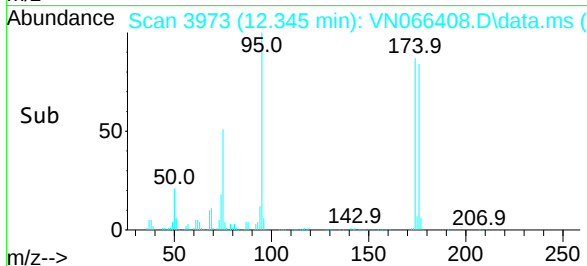
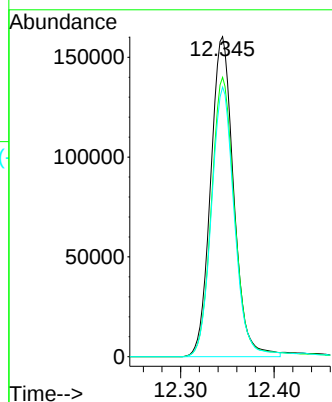
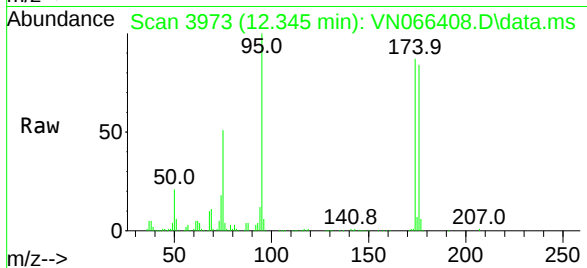




#62
4-Bromofluorobenzene
Concen: 45.74 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

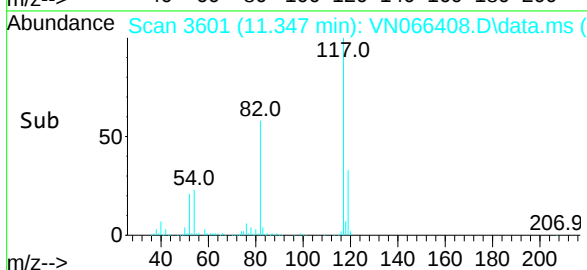
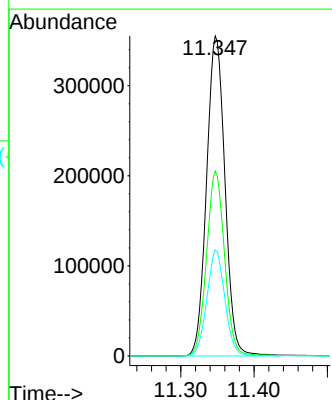
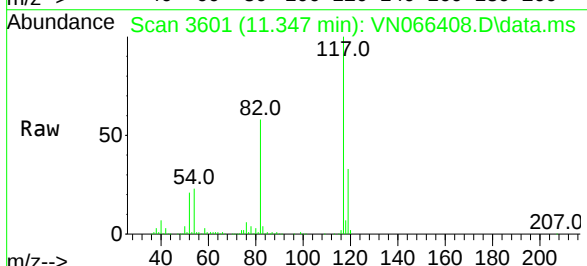
Instrument :
MSVOA_N
ClientSampleId :
EL-511-STREET-LEVEL

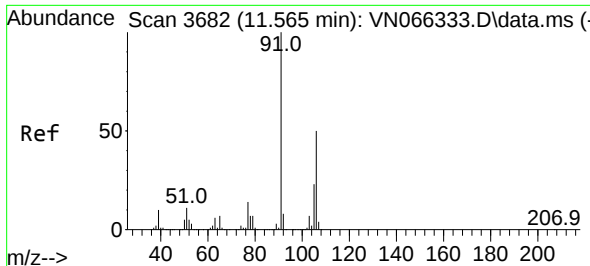
Tgt Ion: 95 Resp: 274690
Ion Ratio Lower Upper
95 100
174 88.4 0.0 172.2
176 84.4 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Tgt Ion: 117 Resp: 619712
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.4
119 33.1 25.8 38.6

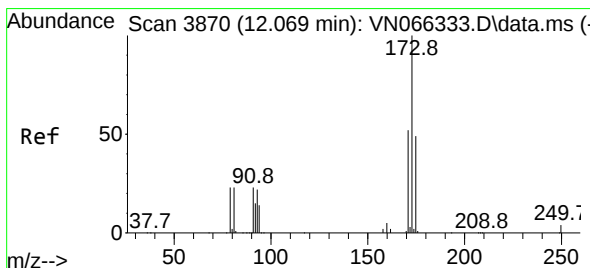
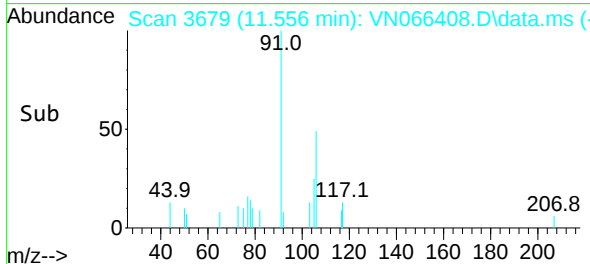
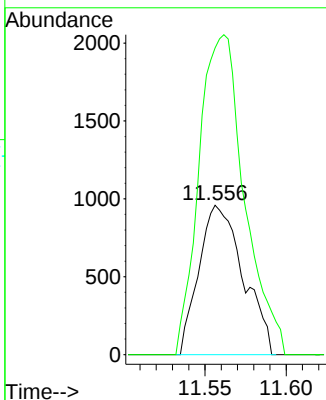
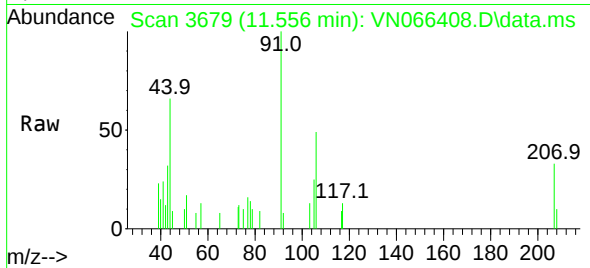




#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 11.556 min Scan# 3679
Delta R.T. -0.008 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

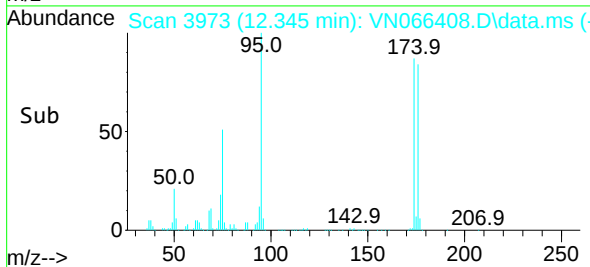
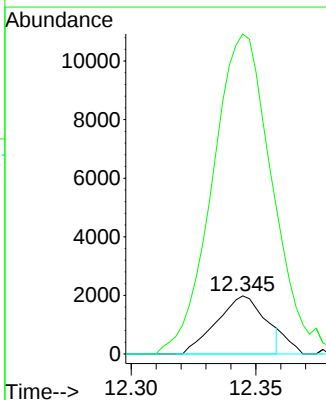
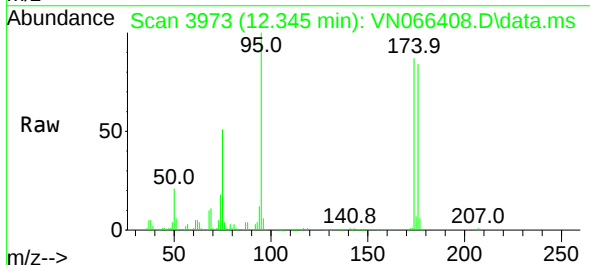
Instrument :
MSVOA_N
ClientSampleId :
EL-511-STREET-LEVEL

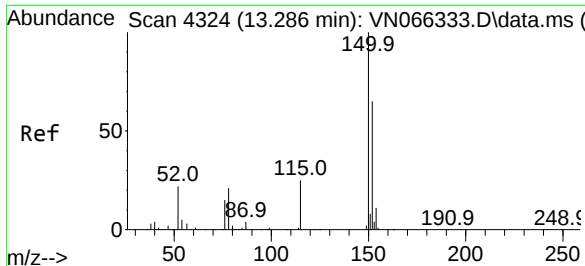
Tgt Ion:106 Resp: 1819
Ion Ratio Lower Upper
106 100
91 219.0 162.7 244.1



#71
Bromoform
Concen: 0.67 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.276 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Tgt Ion:173 Resp: 2662
Ion Ratio Lower Upper
173 100
175 616.8 24.3 72.8#
254 0.0 0.0 0.0

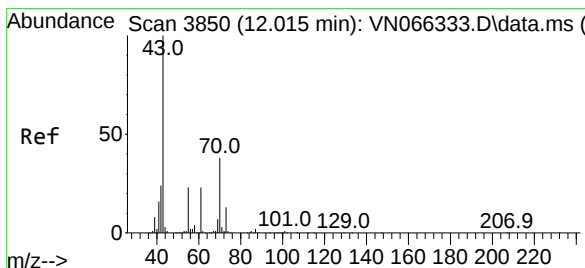
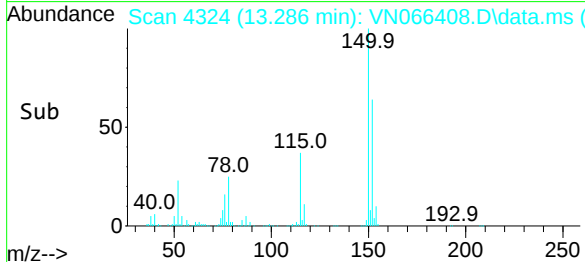
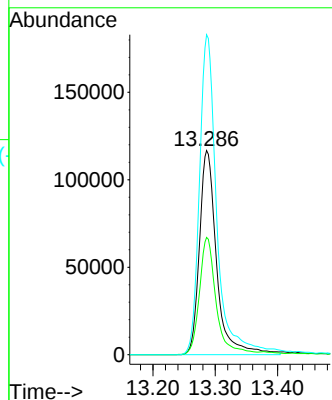
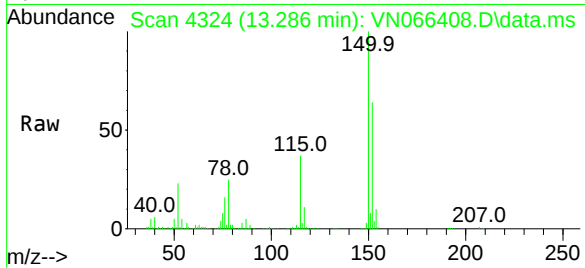




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

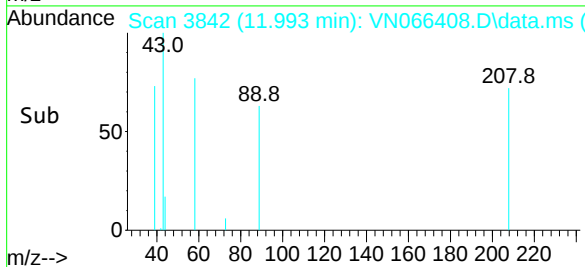
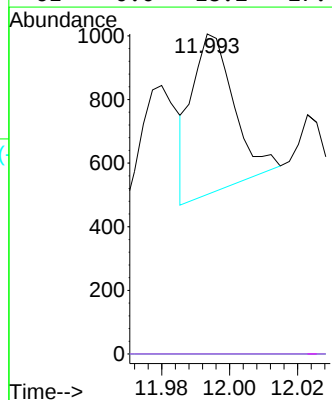
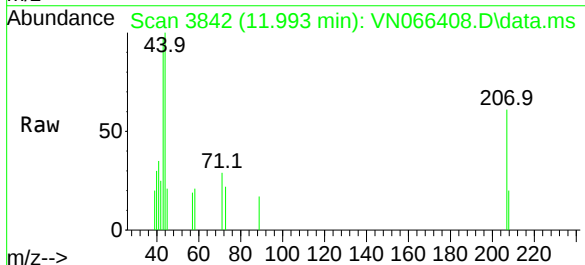
Instrument :
MSVOA_N
ClientSampleId :
EL-511-STREET-LEVEL

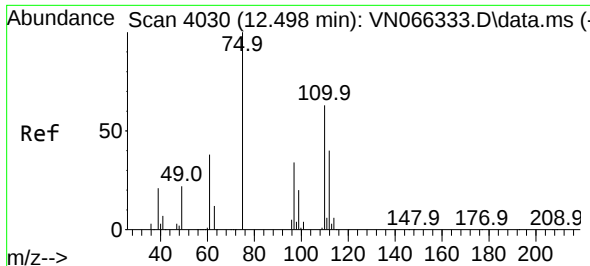
Tgt Ion:152 Resp: 224988
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.4
150 156.2 0.0 348.4



#74
N-ethyl acetate
Concen: 3.26 ug/l
RT: 11.993 min Scan# 3842
Delta R.T. -0.022 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Tgt Ion: 43 Resp: 429
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 0.0 18.6 28.0#
61 0.0 18.2 27.4#

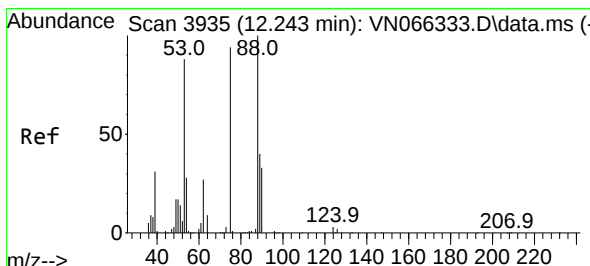
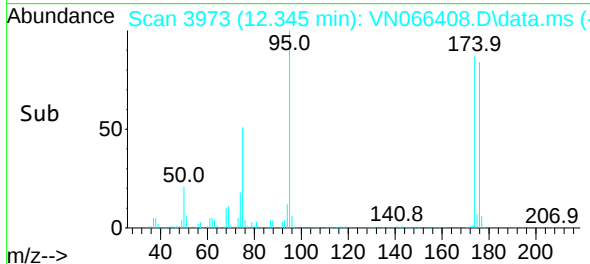
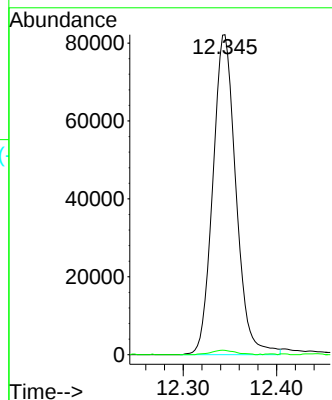
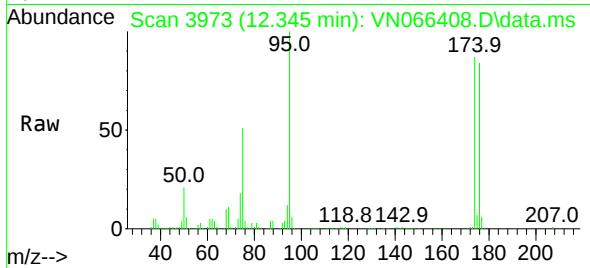




#76
1,2,3-Trichloropropane
Concen: 28.59 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

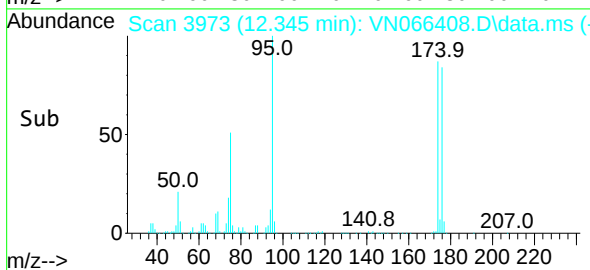
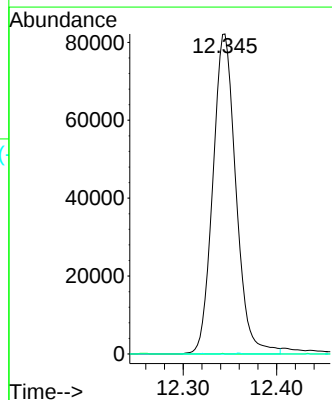
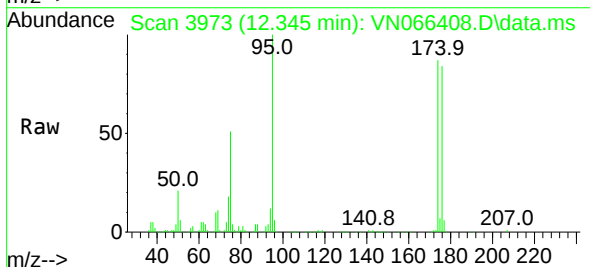
Instrument :
MSVOA_N
ClientSampleId :
EL-511-STREET-LEVEL

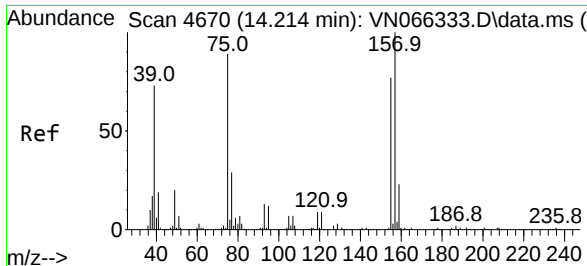
Tgt Ion: 75 Resp: 141170
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.99 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Tgt Ion: 75 Resp: 141170
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.1 35.7 53.5#

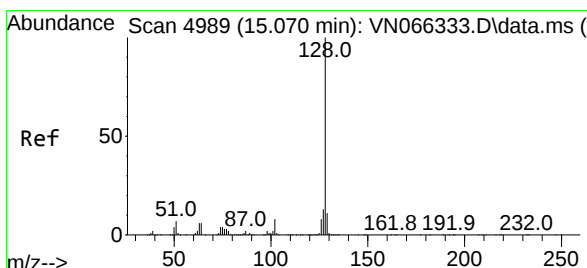
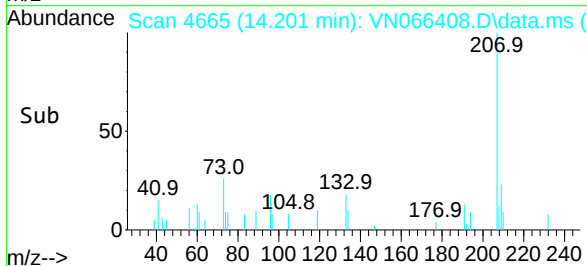
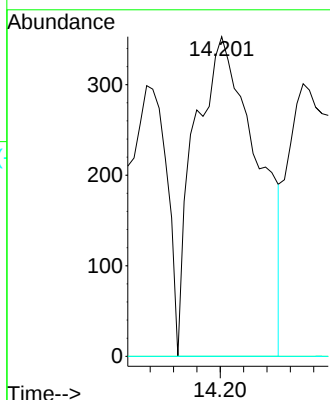
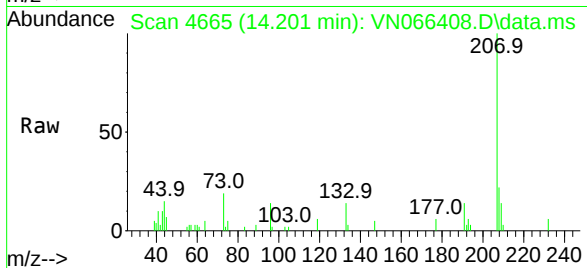




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.65 ug/l
RT: 14.201 min Scan# 4665
Delta R.T. -0.014 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Instrument :
MSVOA_N
ClientSampleId :
EL-511-STREET-LEVEL

Tgt Ion: 75 Resp: 663
Ion Ratio Lower Upper
75 100
155 0.0 43.8 131.3#
157 0.0 57.6 172.8#



#95
Naphthalene
Concen: 1.09 ug/l
RT: 15.075 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN066408.D
Acq: 30 Mar 2021 4:19

Tgt Ion: 128 Resp: 589
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.5 12.7#

