

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066406.D
 Acq On : 30 Mar 2021 3:31
 Operator : JC/MD
 Sample : M1821-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EL-509-STREET-LEVEL

Quant Time: Mar 30 07:09:26 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)

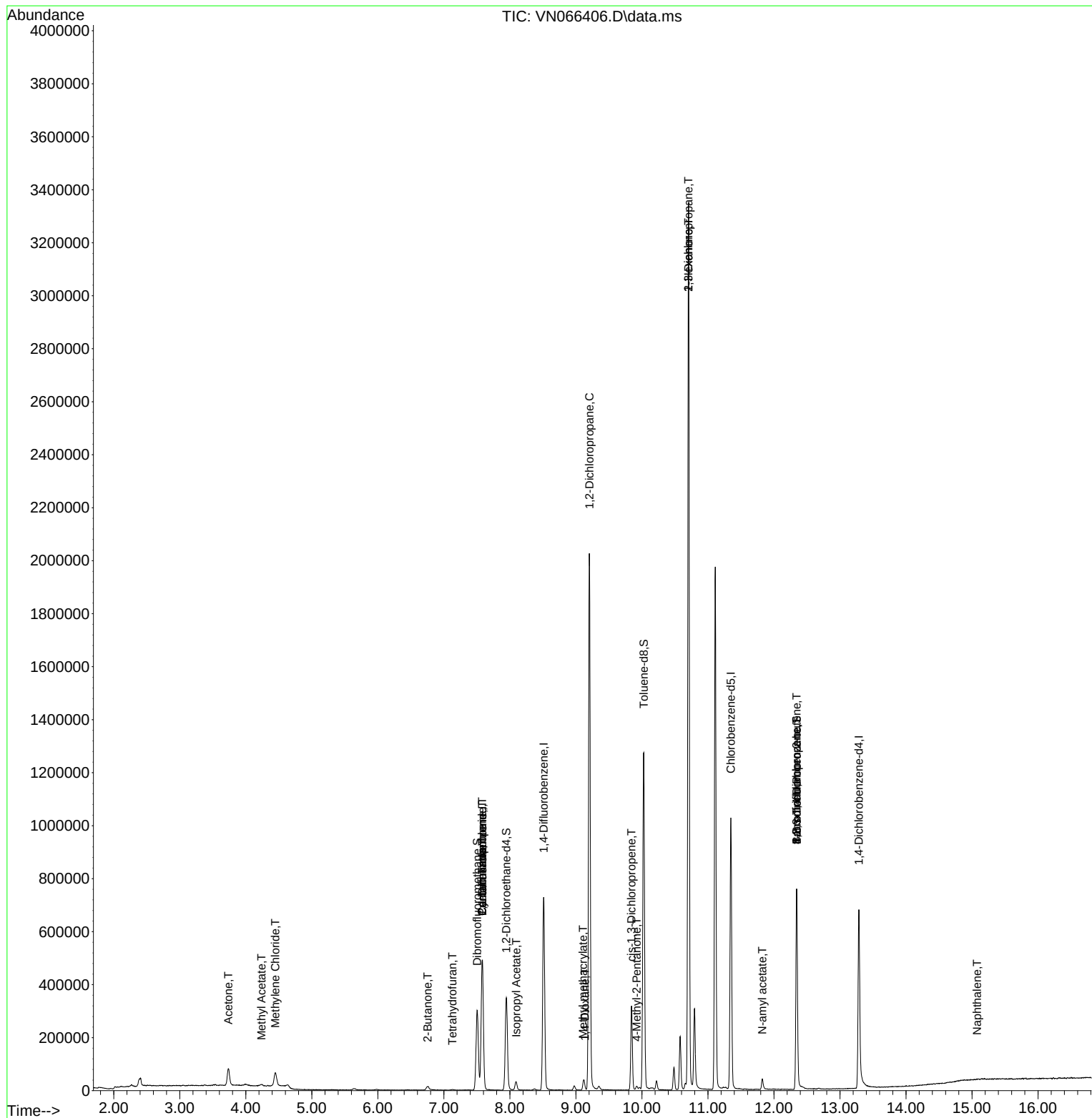
Internal Standards						
1) Pentafluorobenzene	7.585	168	415698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	639536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	574206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	212564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	292388	52.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.82%			
35) Dibromofluoromethane	7.504	113	228002	53.78	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.56%			
50) Toluene-d8	10.028	98	866156	53.86	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.72%			
62) 4-Bromofluorobenzene	12.345	95	252276	45.16	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.32%			
Target Compounds						
3) Chloromethane	2.014	50	2892	Below Cal		97
13) Acrolein	3.527	56	3233	Below Cal		89
16) Acetone	3.736	43	103129	34.54	ug/l	98
18) Methyl Acetate	4.237	43	10126	1.30	ug/l #	76
20) Methylene Chloride	4.447	84	34048	5.28	ug/l	99
25) 2-Butanone	6.753	43	15047	4.61	ug/l #	89
29) Tetrahydrofuran	7.129	42	1029	0.48	ug/l #	72
31) Cyclohexane	7.582	56	9014	1.18	ug/l #	1
36) 1,1-Dichloropropene	7.582	75	30711	5.11	ug/l #	48
38) Carbon Tetrachloride	7.582	117	38307	6.34	ug/l #	16
43) Isopropyl Acetate	8.097	43	36406	3.22	ug/l	97
45) 1,2-Dichloropropane	9.204	63	2422	0.50	ug/l #	43
48) Methyl methacrylate	9.108	41	9181	1.71	ug/l #	12
49) 1,4-Dioxane	9.137	88	51	0.75	ug/l #	1
51) 4-Methyl-2-Pentanone	9.921	43	10371	1.57	ug/l	97
54) cis-1,3-Dichloropropene	9.843	75	54787	7.18	ug/l #	59
57) 1,3-Dichloropropane	10.706	76	34285	4.61	ug/l #	42
59) 2-Hexanone	10.706	43	468238	101.18	ug/l #	52
71) Bromoform	12.345	173	2400	0.65	ug/l #	1
74) N-amyl acetate	11.825	43	13546	5.23	ug/l #	54
76) 1,2,3-Trichloropropane	12.345	75	131411	28.17	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	131411	84.73	ug/l #	12
95) Naphthalene	15.078	128	420	1.08	ug/l #	69

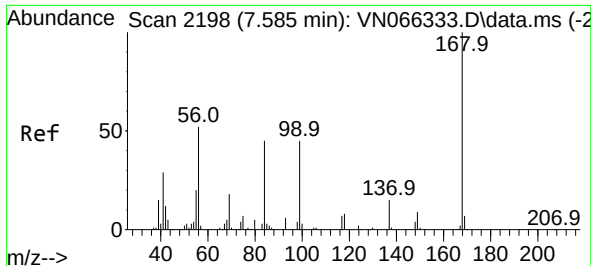
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
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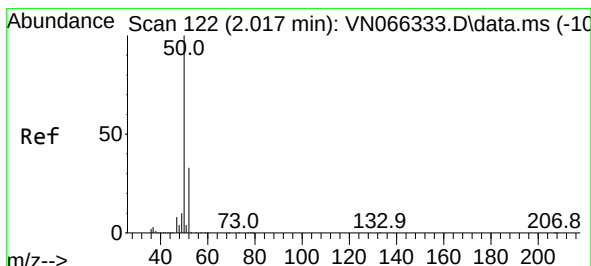
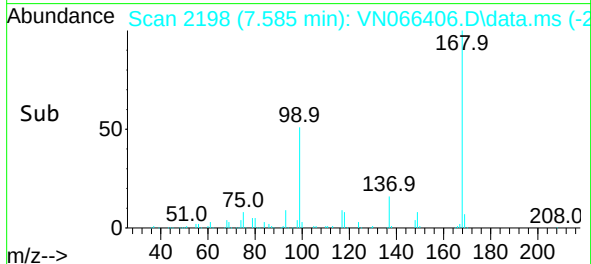
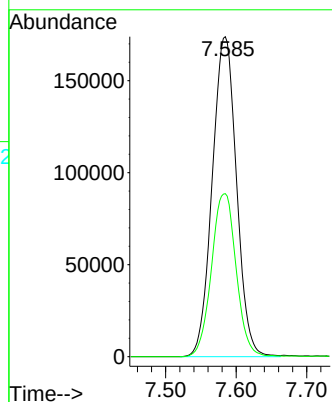
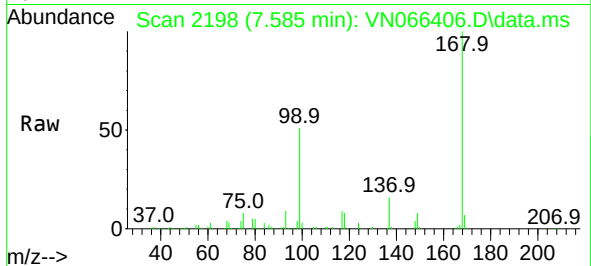




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

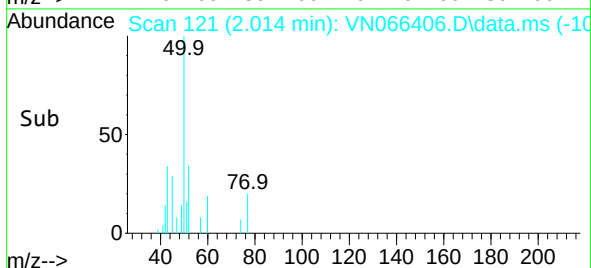
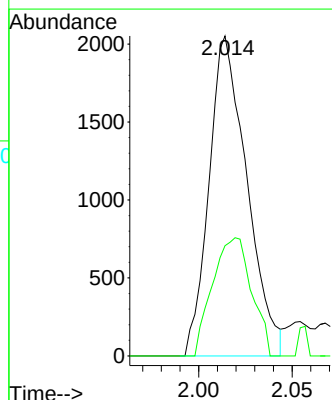
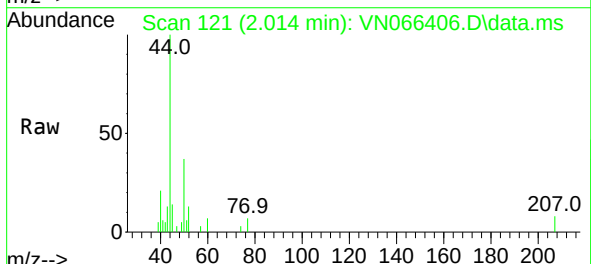
Instrument :
MSVOA_N
ClientSampleId :
EL-509-STREET-LEVEL

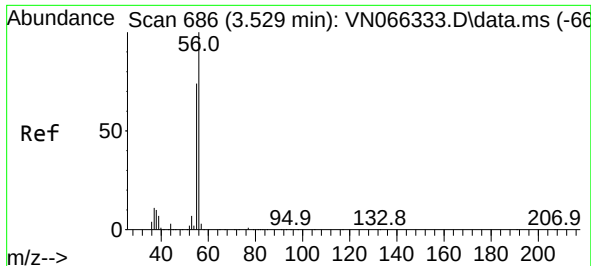
Tgt Ion:168 Resp: 415698
Ion Ratio Lower Upper
168 100
99 50.9 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

Tgt Ion: 50 Resp: 2892
Ion Ratio Lower Upper
50 100
52 34.5 26.2 39.2

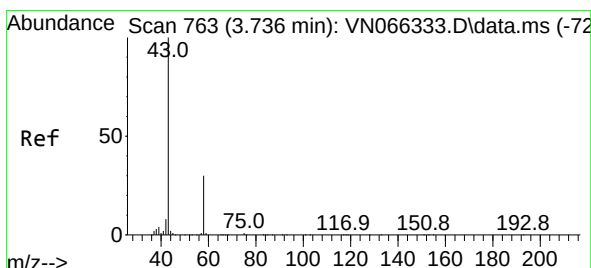
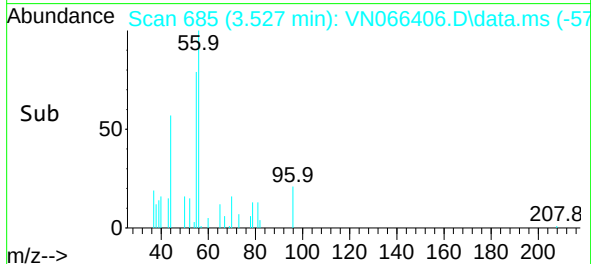
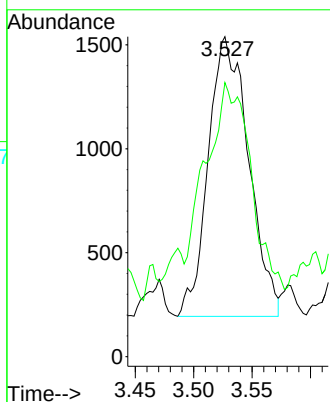
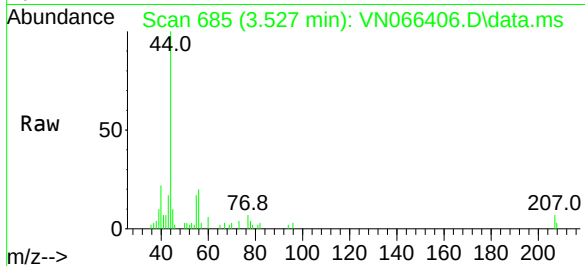




#13
Acrolein
Concen: Below Cal
RT: 3.527 min Scan# 685
Delta R.T. -0.002 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

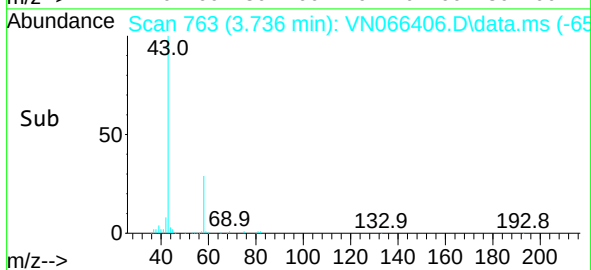
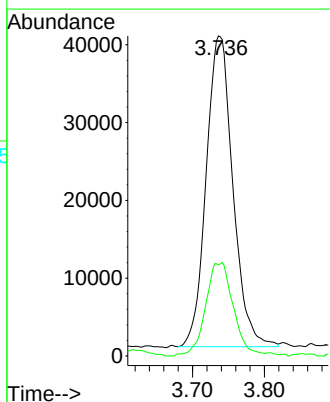
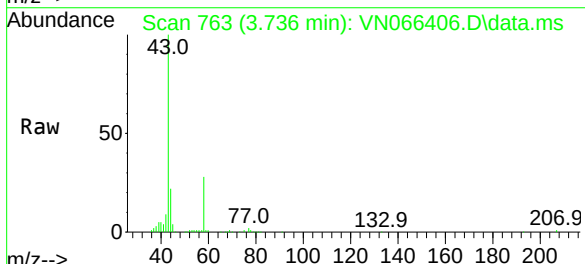
Instrument :
MSVOA_N
ClientSampleId :
EL-509-STREET-LEVEL

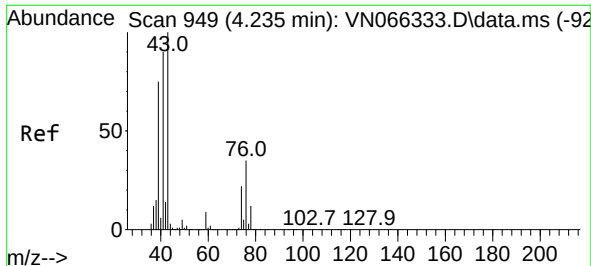
Tgt Ion: 56 Resp: 3233
Ion Ratio Lower Upper
56 100
55 81.7 57.9 86.9



#16
Acetone
Concen: 34.54 ug/l
RT: 3.736 min Scan# 763
Delta R.T. 0.000 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

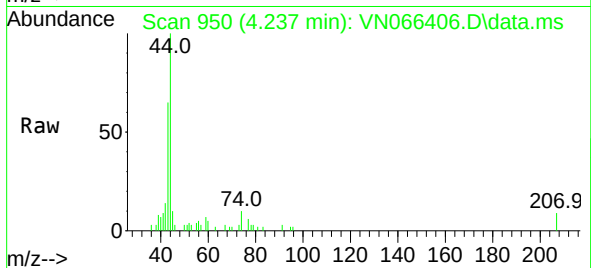
Tgt Ion: 43 Resp: 103129
Ion Ratio Lower Upper
43 100
58 28.8 23.8 35.8



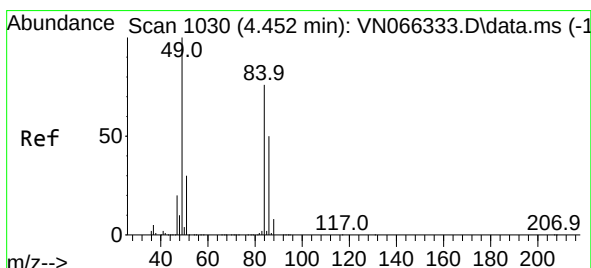
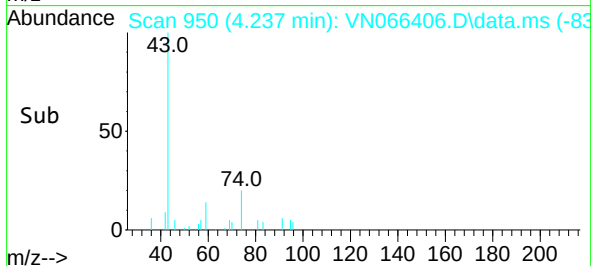
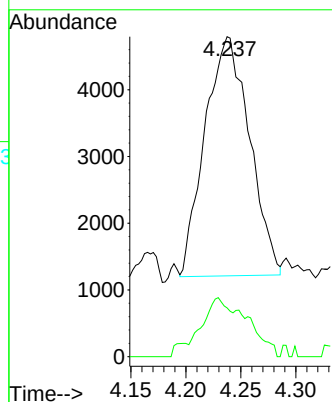


#18
Methyl Acetate
Concen: 1.30 ug/l
RT: 4.237 min Scan# 950
Delta R.T. 0.003 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

Instrument :
MSVOA_N
ClientSampleId :
EL-509-STREET-LEVEL

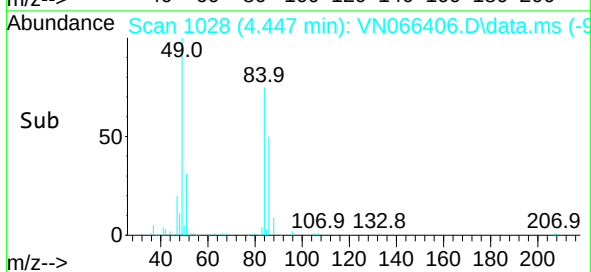
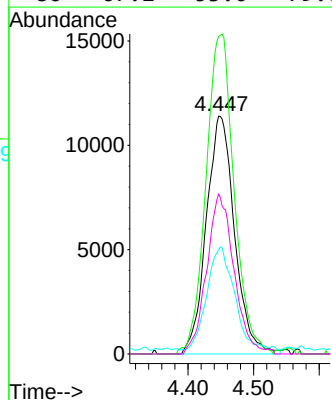
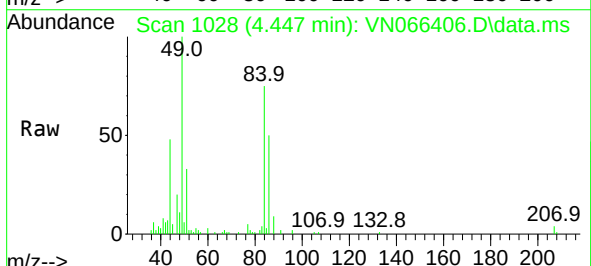


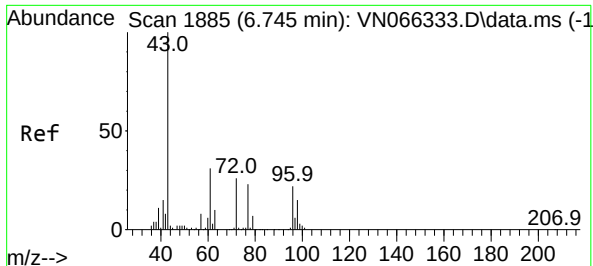
Tgt Ion: 43 Resp: 10126
Ion Ratio Lower Upper
43 100
74 10.6 17.6 26.4#



#20
Methylene Chloride
Concen: 5.28 ug/l
RT: 4.447 min Scan# 1028
Delta R.T. -0.005 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

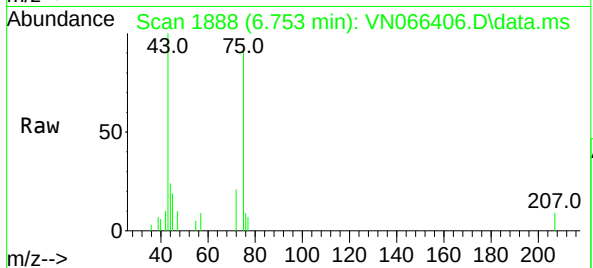
Tgt Ion: 84 Resp: 34048
Ion Ratio Lower Upper
84 100
49 131.9 105.0 157.6
51 42.0 31.6 47.4
86 67.2 53.0 79.6



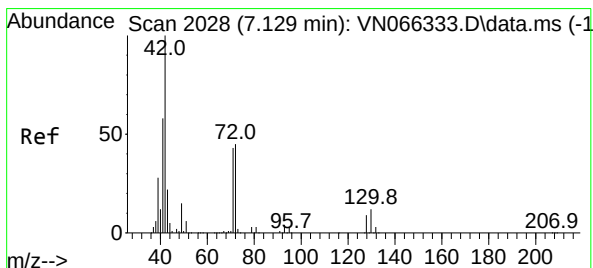
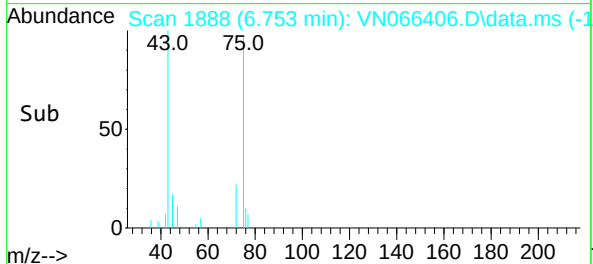
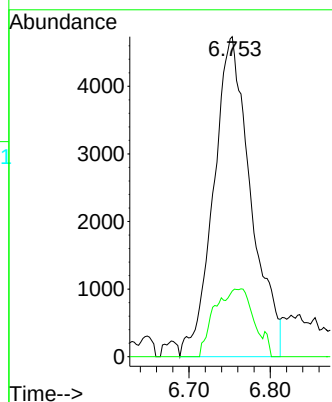


#25
2-Butanone
Concen: 4.61 ug/l
RT: 6.753 min Scan# 1888
Delta R.T. 0.008 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

Instrument :
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ClientSampleId :
EL-509-STREET-LEVEL

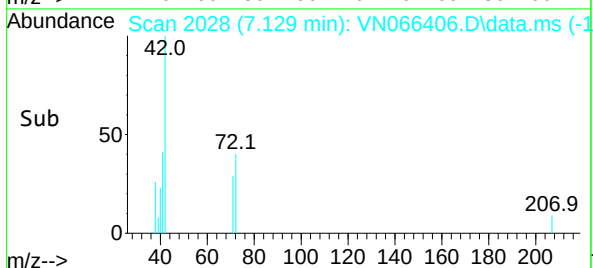
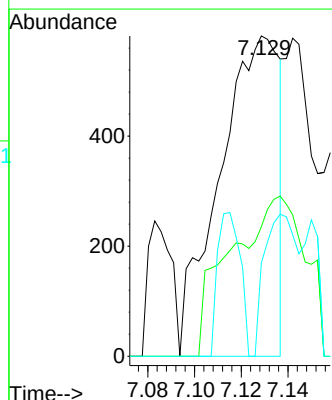
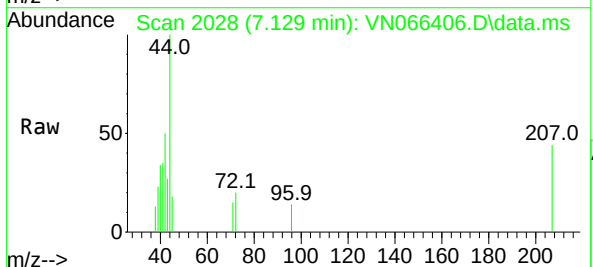


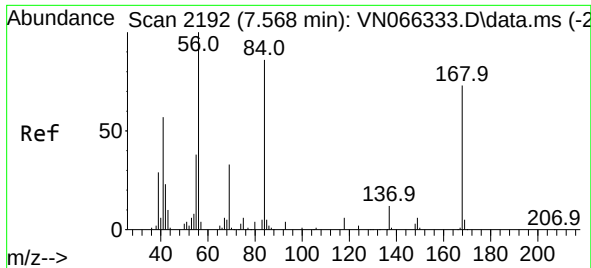
Tgt Ion: 43 Resp: 15047
Ion Ratio Lower Upper
43 100
72 20.5 20.7 31.1#



#29
Tetrahydrofuran
Concen: 0.48 ug/l
RT: 7.129 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

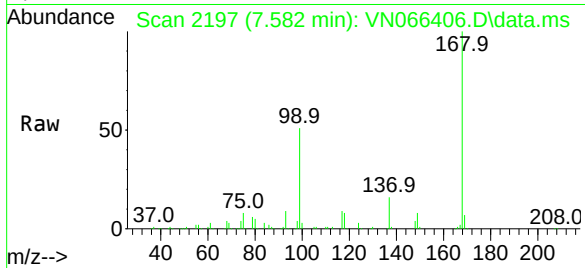
Tgt Ion: 42 Resp: 1029
Ion Ratio Lower Upper
42 100
72 62.6 35.2 52.8#
71 24.0 33.1 49.7#



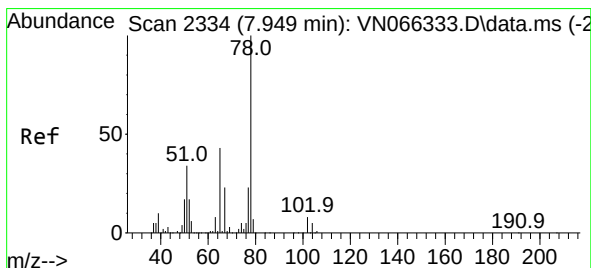
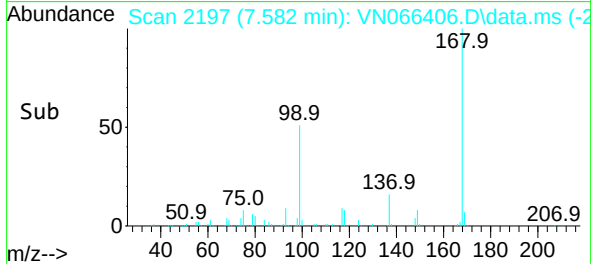
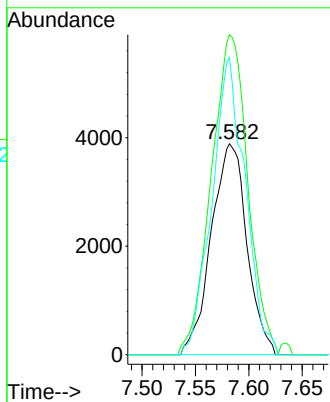


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

Instrument :
MSVOA_N
ClientSampleId :
EL-509-STREET-LEVEL

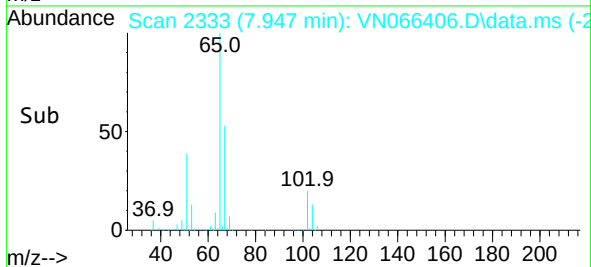
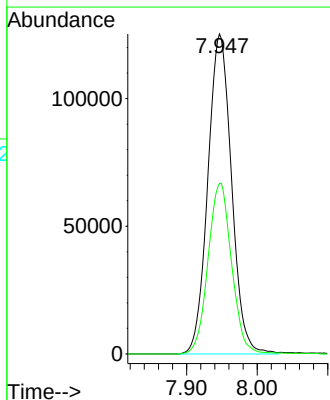
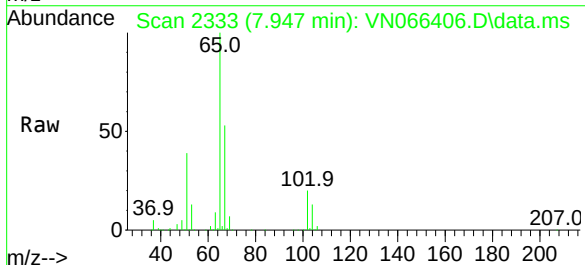


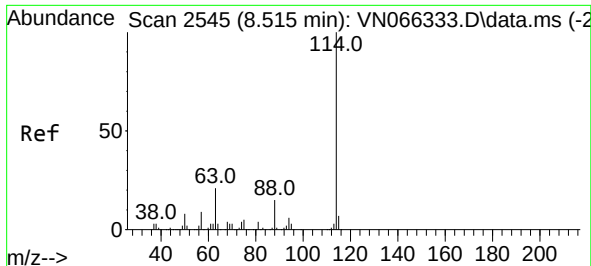
Tgt Ion: 56 Resp: 9014
Ion Ratio Lower Upper
56 100
69 151.7 26.6 40.0#
84 140.9 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 52.91 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.002 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

Tgt Ion: 65 Resp: 292388
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2

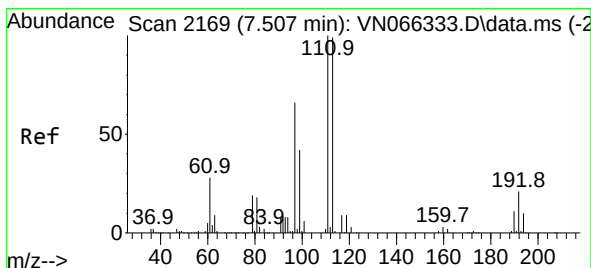
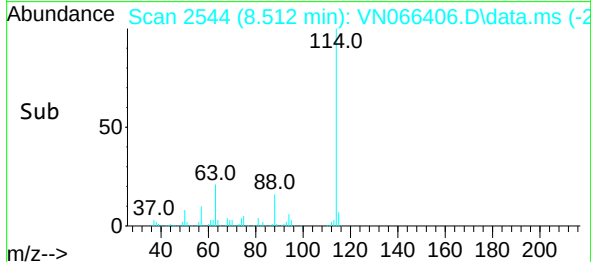
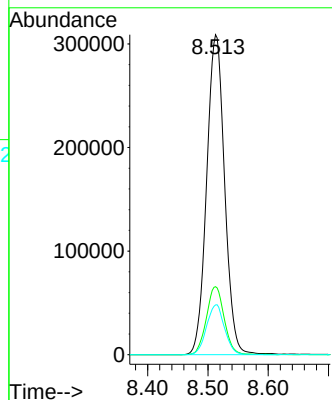
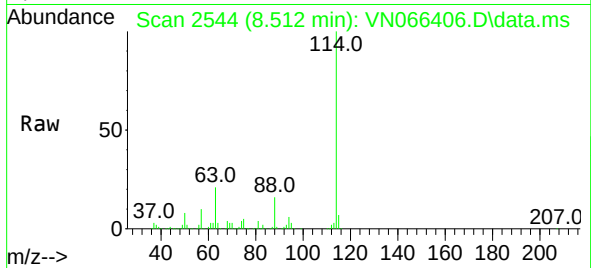




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

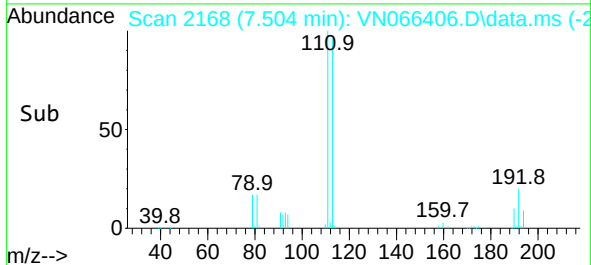
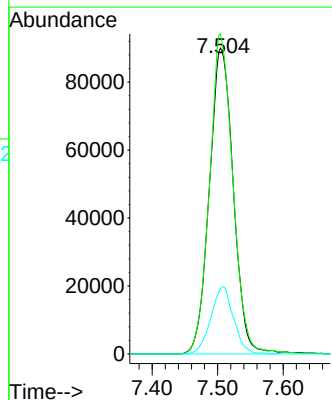
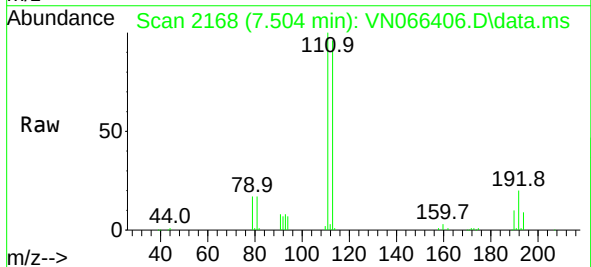
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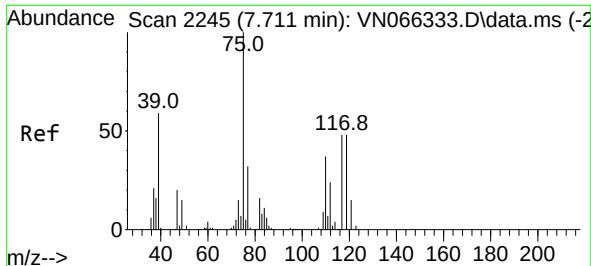
Tgt Ion:114 Resp: 639536
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.0
88 15.6 0.0 31.0



#35
Dibromofluoromethane
Concen: 53.78 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. -0.003 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

Tgt Ion:113 Resp: 228002
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 20.9 17.1 25.7

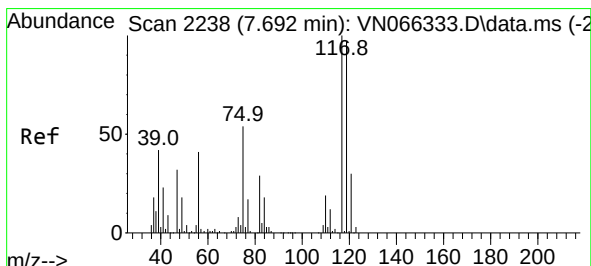
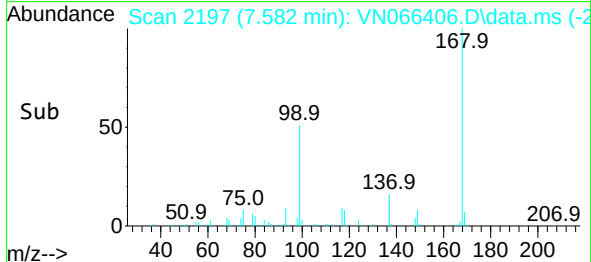
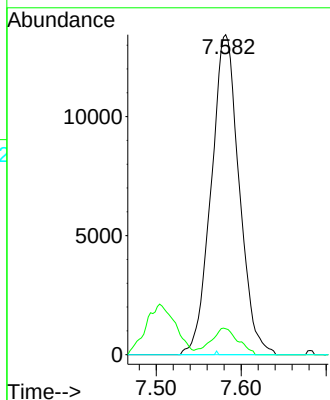
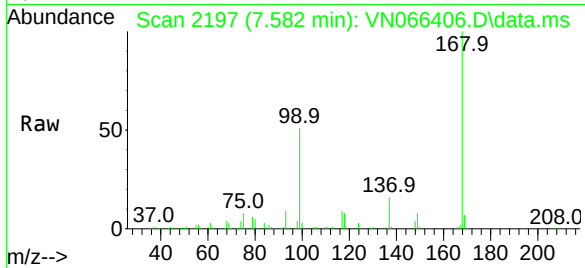




#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.129 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

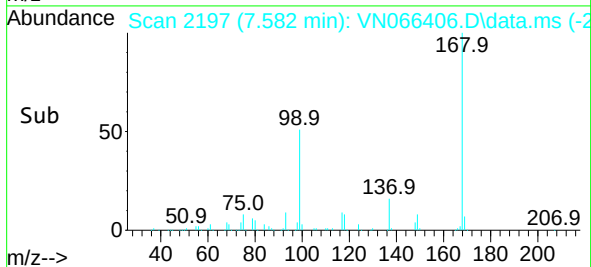
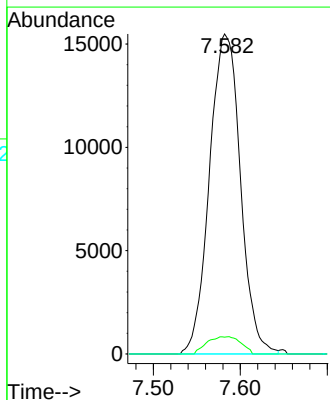
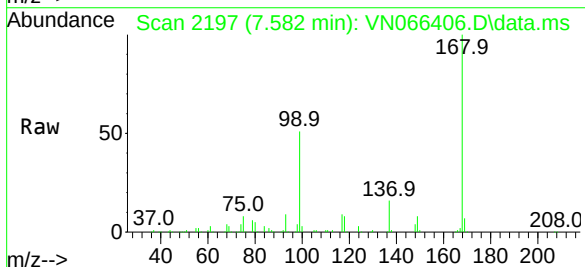
Instrument :
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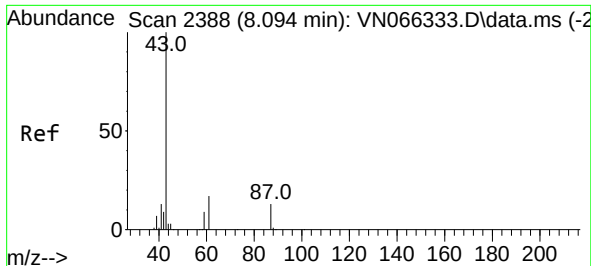
Tgt Ion: 75 Resp: 30711
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.3#
77 0.1 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.110 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

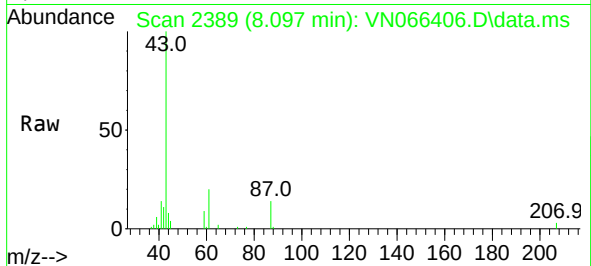
Tgt Ion: 117 Resp: 38307
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 24.2 36.4#



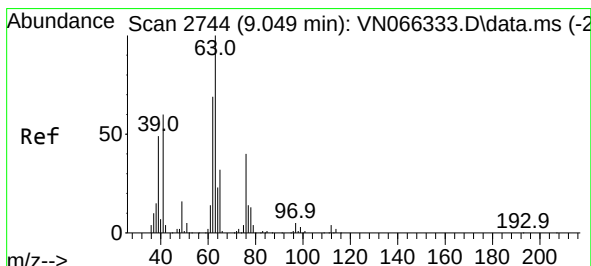
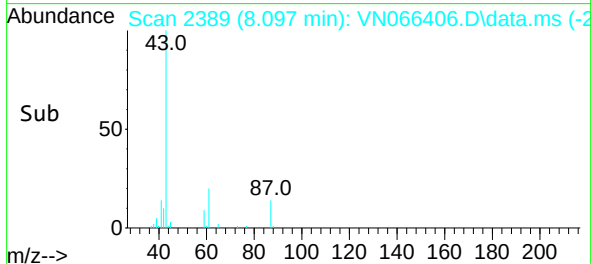
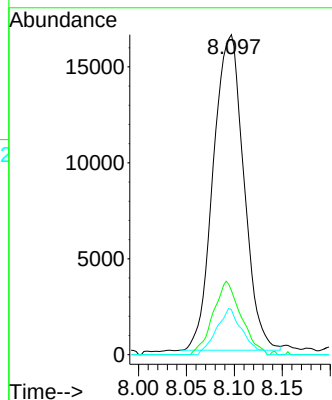


#43
Isopropyl Acetate
Concen: 3.22 ug/l
RT: 8.097 min Scan# 2389
Delta R.T. 0.003 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

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MSVOA_N
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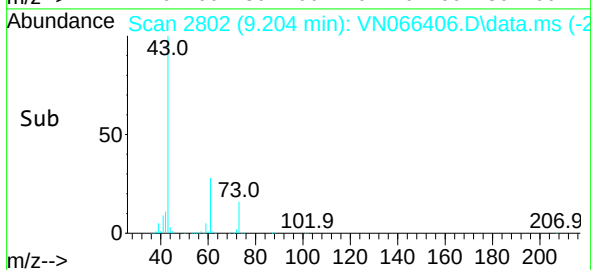
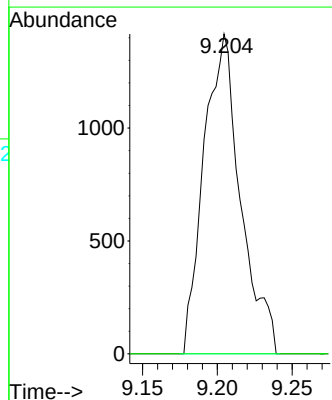
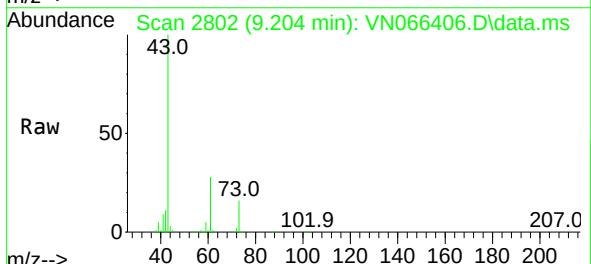


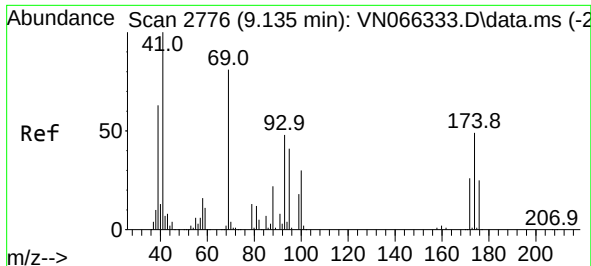
Tgt Ion:	43	Resp:	36406
Ion Ratio	Lower	Upper	
43	100		
61	21.3	15.5	23.3
87	12.4	10.5	15.7



#45
1,2-Dichloropropane
Concen: 0.50 ug/l
RT: 9.204 min Scan# 2802
Delta R.T. 0.156 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

Tgt Ion:	63	Resp:	2422
Ion Ratio	Lower	Upper	
63	100		
65	0.0	25.5	38.3#





#48

Methyl methacrylate

Concen: 1.71 ug/l

RT: 9.108 min Scan# 2766

Delta R.T. -0.027 min

Lab File: VN066406.D

Acq: 30 Mar 2021 3:31

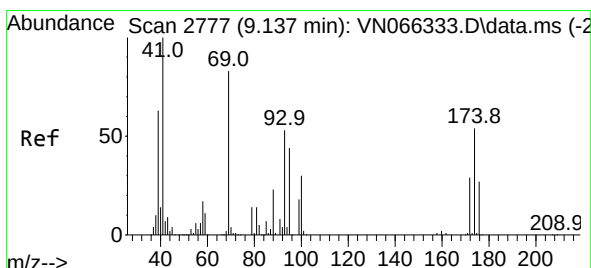
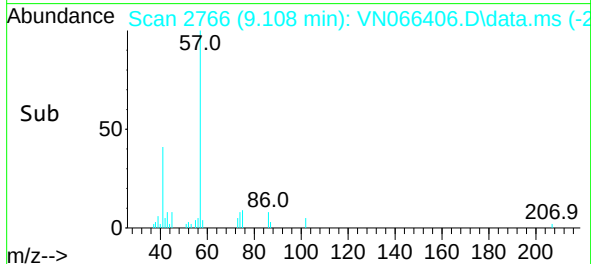
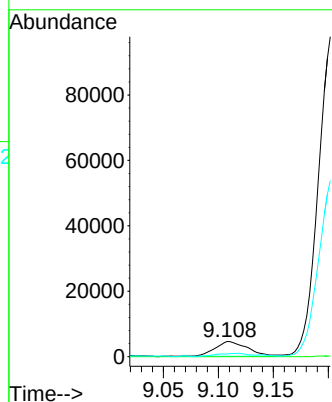
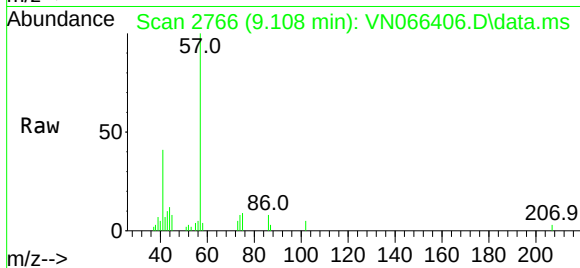
Tgt Ion: 41 Resp: 9181

Ion Ratio Lower Upper

41 100

69 0.0 66.2 99.4#

39 0.0 51.5 77.3#



#49

1,4-Dioxane

Concen: 0.75 ug/l

RT: 9.137 min Scan# 2777

Delta R.T. 0.000 min

Lab File: VN066406.D

Acq: 30 Mar 2021 3:31

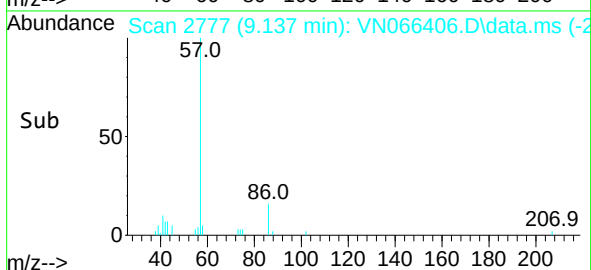
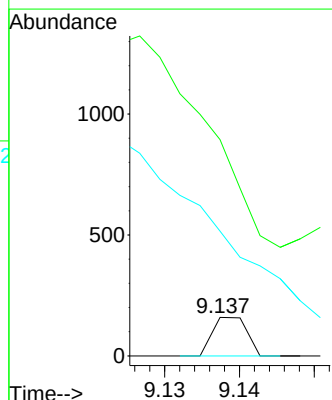
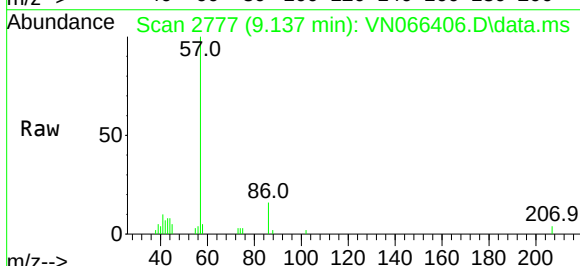
Tgt Ion: 88 Resp: 51

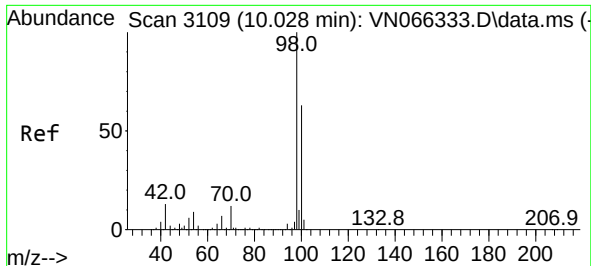
Ion Ratio Lower Upper

88 100

43 0.0 28.2 42.4#

58 3464.7 56.6 84.8#

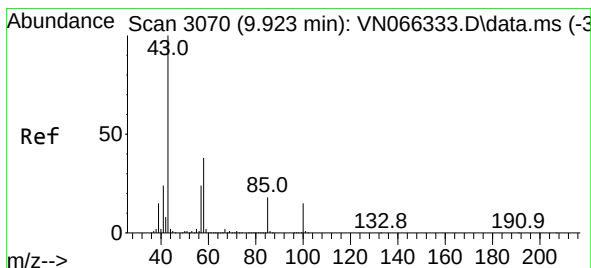
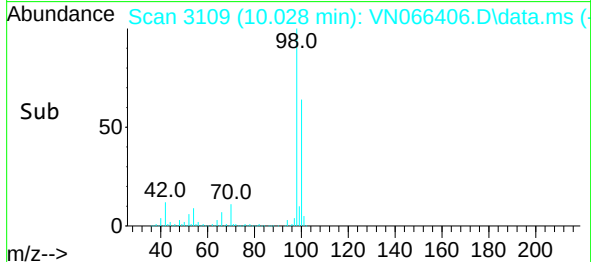
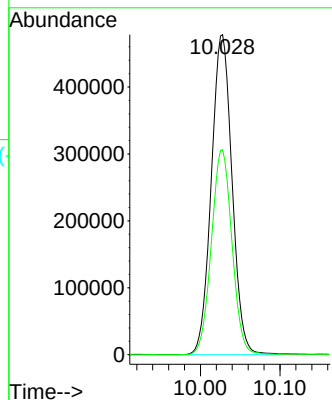
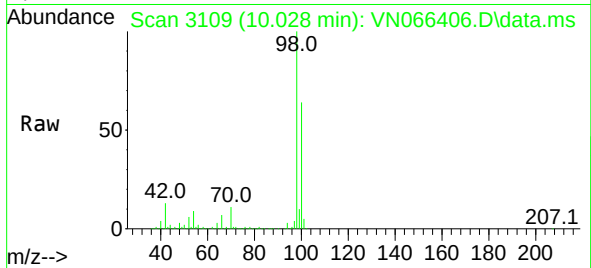




#50
Toluene-d8
Concen: 53.86 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

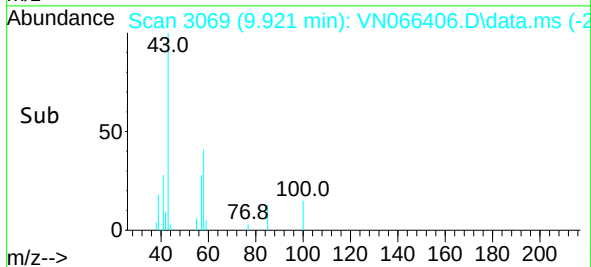
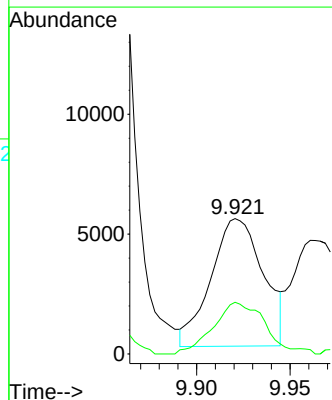
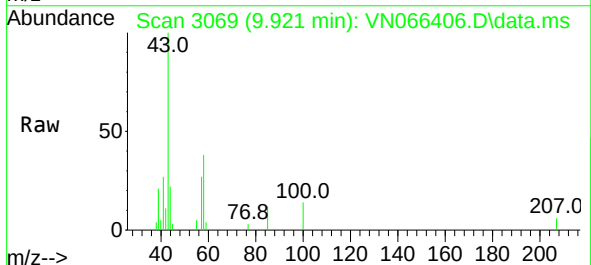
Instrument :
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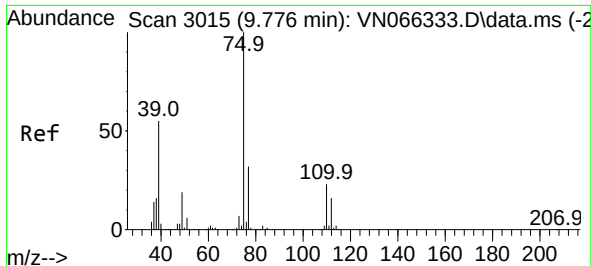
Tgt Ion: 98 Resp: 866156
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.57 ug/l
RT: 9.921 min Scan# 3069
Delta R.T. -0.003 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

Tgt Ion: 43 Resp: 10371
Ion Ratio Lower Upper
43 100
58 40.2 30.8 46.2

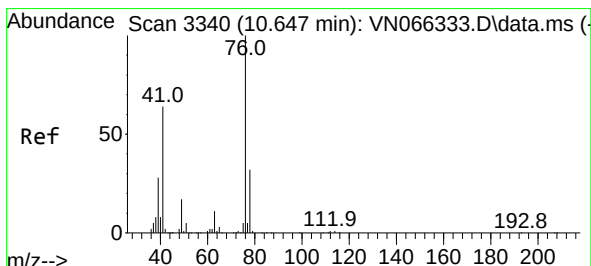
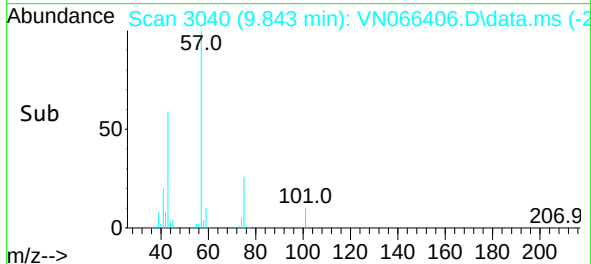
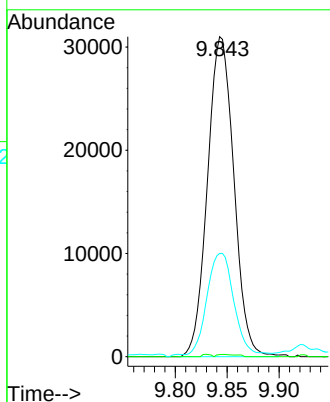
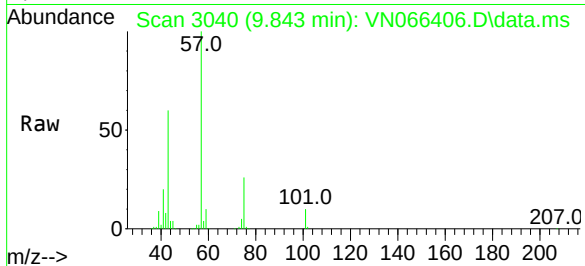




#54
 cis-1,3-Dichloropropene
 Concen: 7.18 ug/l
 RT: 9.843 min Scan# 3040
 Delta R.T. 0.067 min
 Lab File: VN066406.D
 Acq: 30 Mar 2021 3:31

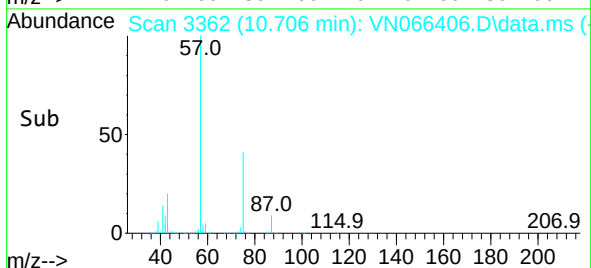
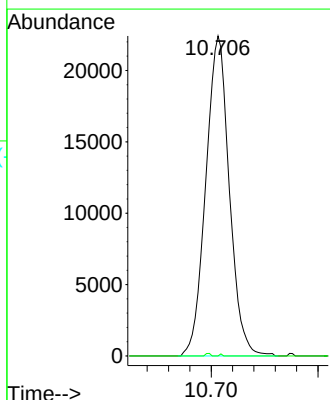
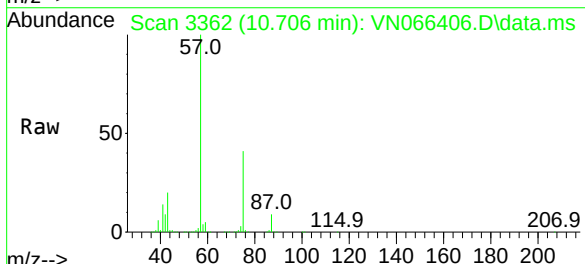
Instrument :
 MSVOA_N
 ClientSampleId :
 EL-509-STREET-LEVEL

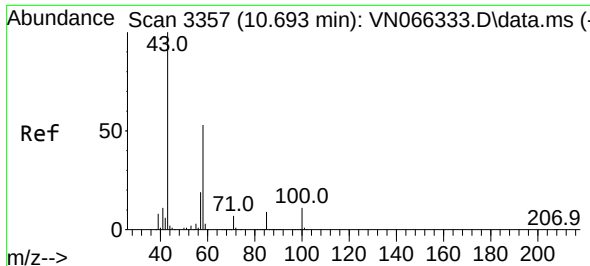
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.4	38.2#
39	31.5	44.2	66.4#



#57
 1,3-Dichloropropane
 Concen: 4.61 ug/l
 RT: 10.706 min Scan# 3362
 Delta R.T. 0.059 min
 Lab File: VN066406.D
 Acq: 30 Mar 2021 3:31

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.1	25.9	38.9#

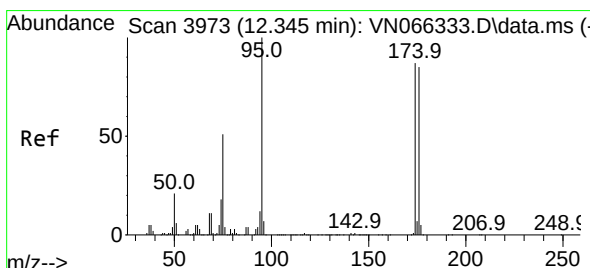
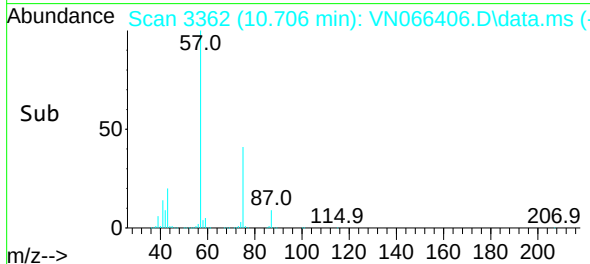
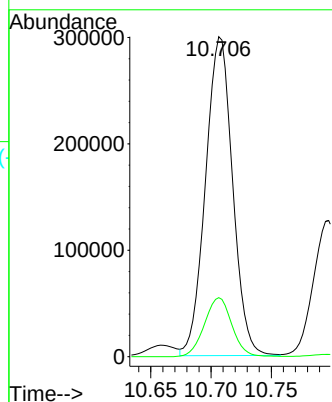
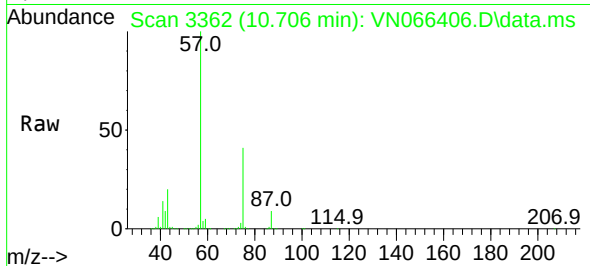




#59
2-Hexanone
Concen: 101.18 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.013 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

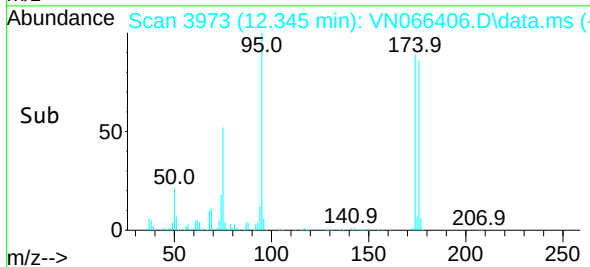
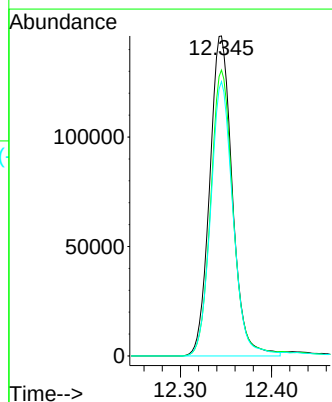
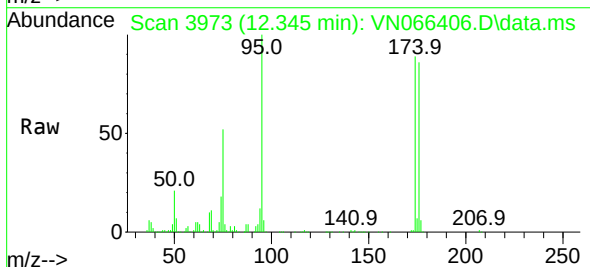
Instrument :
MSVOA_N
ClientSampleId :
EL-509-STREET-LEVEL

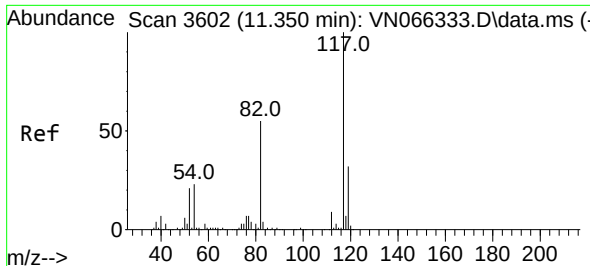
Tgt Ion: 43 Resp: 468238
Ion Ratio Lower Upper
43 100
58 18.8 26.6 79.8#



#62
4-Bromofluorobenzene
Concen: 45.16 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

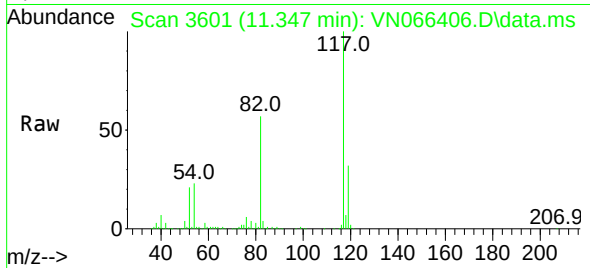
Tgt Ion: 95 Resp: 252276
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.2
176 84.5 0.0 167.8



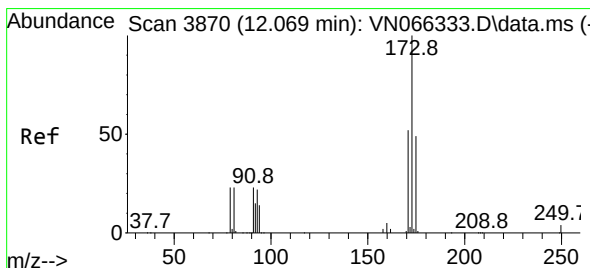
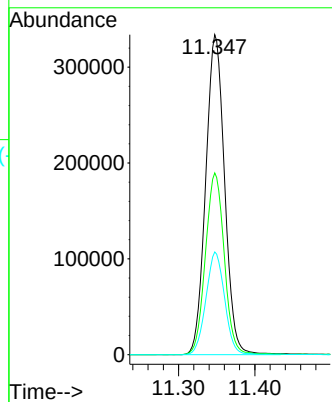
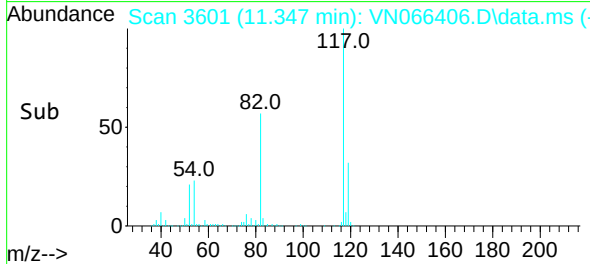


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

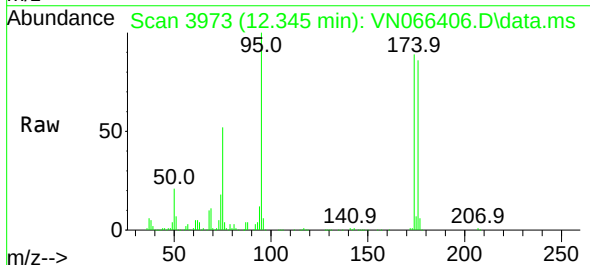
Instrument :
MSVOA_N
ClientSampleId :
EL-509-STREET-LEVEL



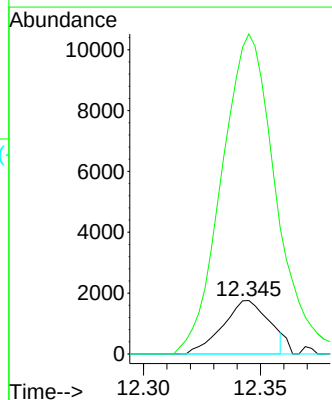
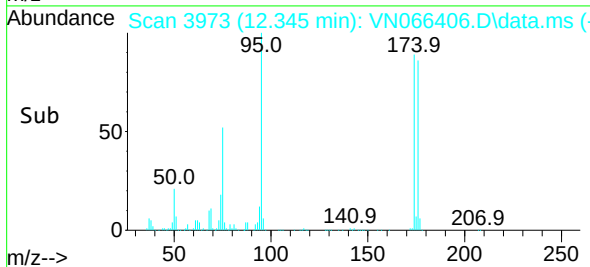
Tgt Ion:117 Resp: 574206
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.4
119 32.1 25.8 38.6

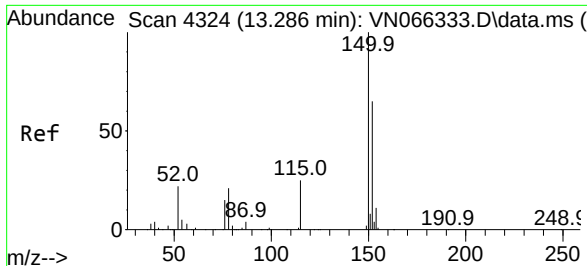


#71
Bromoform
Concen: 0.65 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.276 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31



Tgt Ion:173 Resp: 2400
Ion Ratio Lower Upper
173 100
175 630.8 24.3 72.8#
254 0.0 0.0 0.0

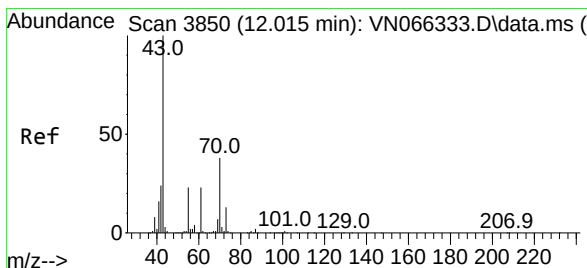
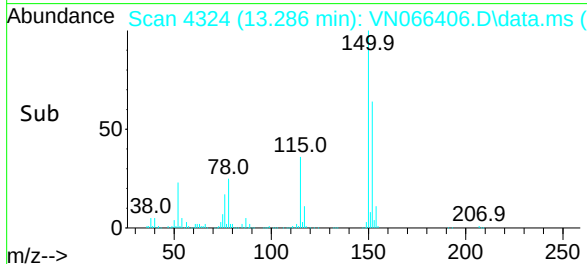
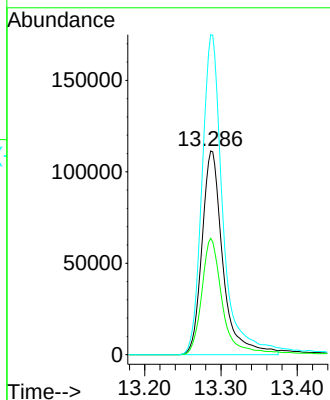
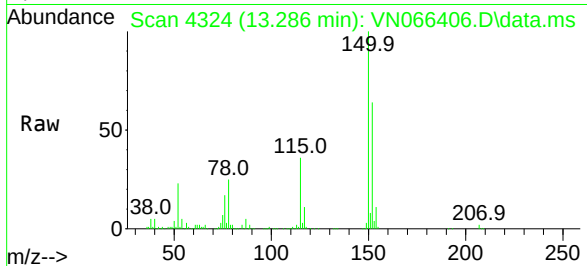




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

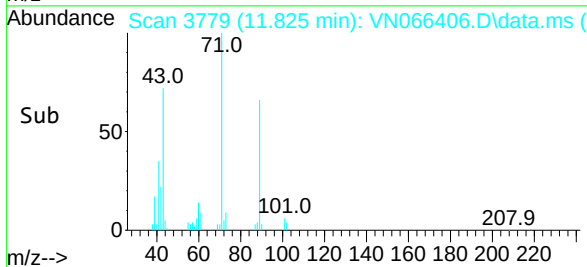
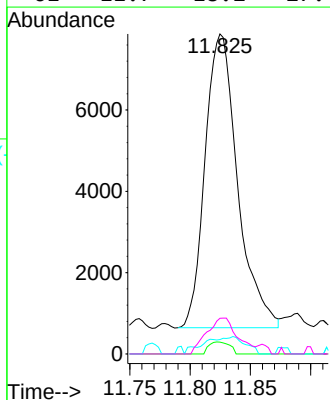
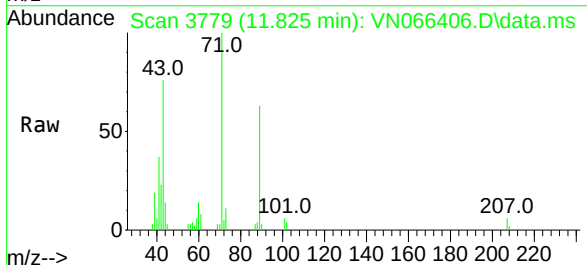
Instrument :
MSVOA_N
ClientSampleId :
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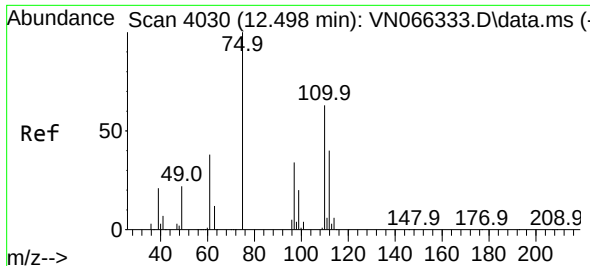
Tgt Ion:152 Resp: 212564
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.4
150 158.6 0.0 348.4



#74
N-ethyl acetate
Concen: 5.23 ug/l
RT: 11.825 min Scan# 3779
Delta R.T. -0.190 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

Tgt Ion: 43 Resp: 13546
Ion Ratio Lower Upper
43 100
70 2.6 31.2 46.8#
55 1.0 18.6 28.0#
61 11.7 18.2 27.4#

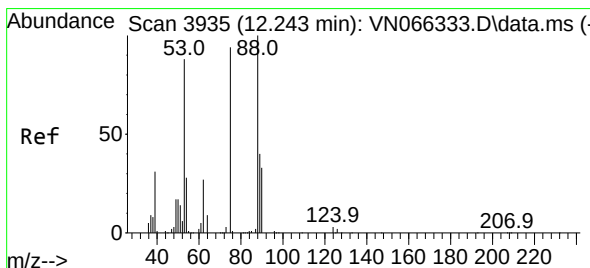
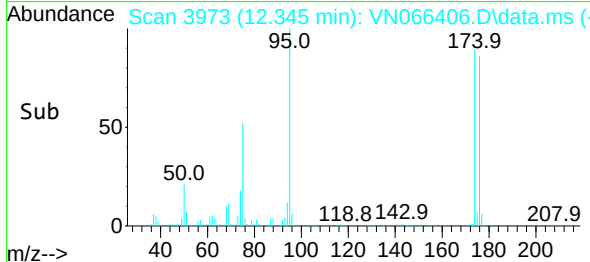
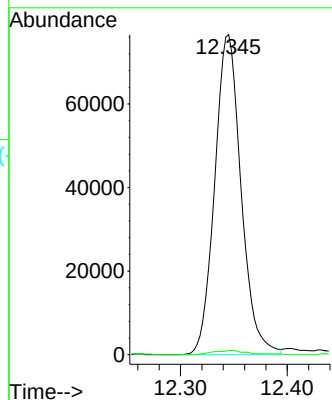
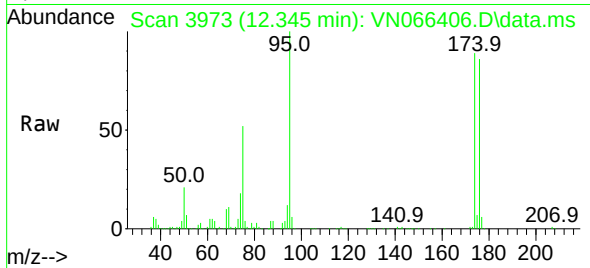




#76
1,2,3-Trichloropropane
Concen: 28.17 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

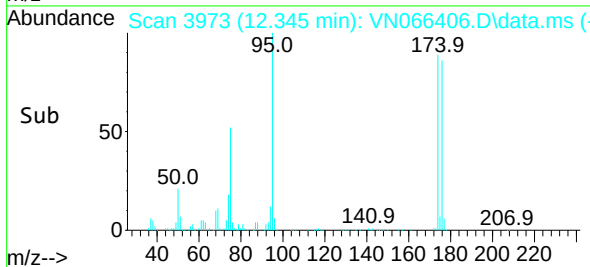
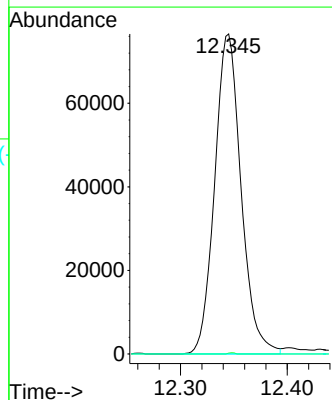
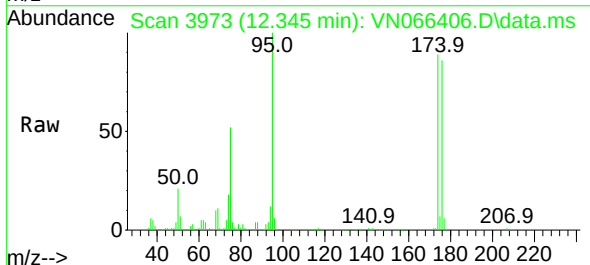
Instrument :
MSVOA_N
ClientSampleId :
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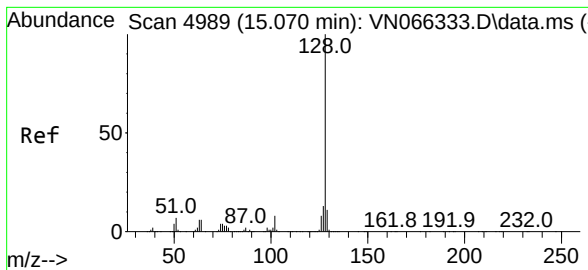
Tgt Ion: 75 Resp: 131411
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.73 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

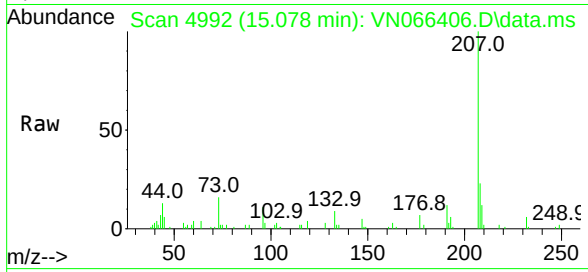
Tgt Ion: 75 Resp: 131411
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 1.08 ug/l
RT: 15.078 min Scan# 4992
Delta R.T. 0.008 min
Lab File: VN066406.D
Acq: 30 Mar 2021 3:31

Instrument :
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ClientSampleId :
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Tgt Ion:	128	Resp:	420
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.5	12.7#

