

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066407.D
 Acq On : 30 Mar 2021 3:55
 Operator : JC/MD
 Sample : M1821-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EL-510-STREET-LEVEL

Quant Time: Mar 30 07:09:42 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)

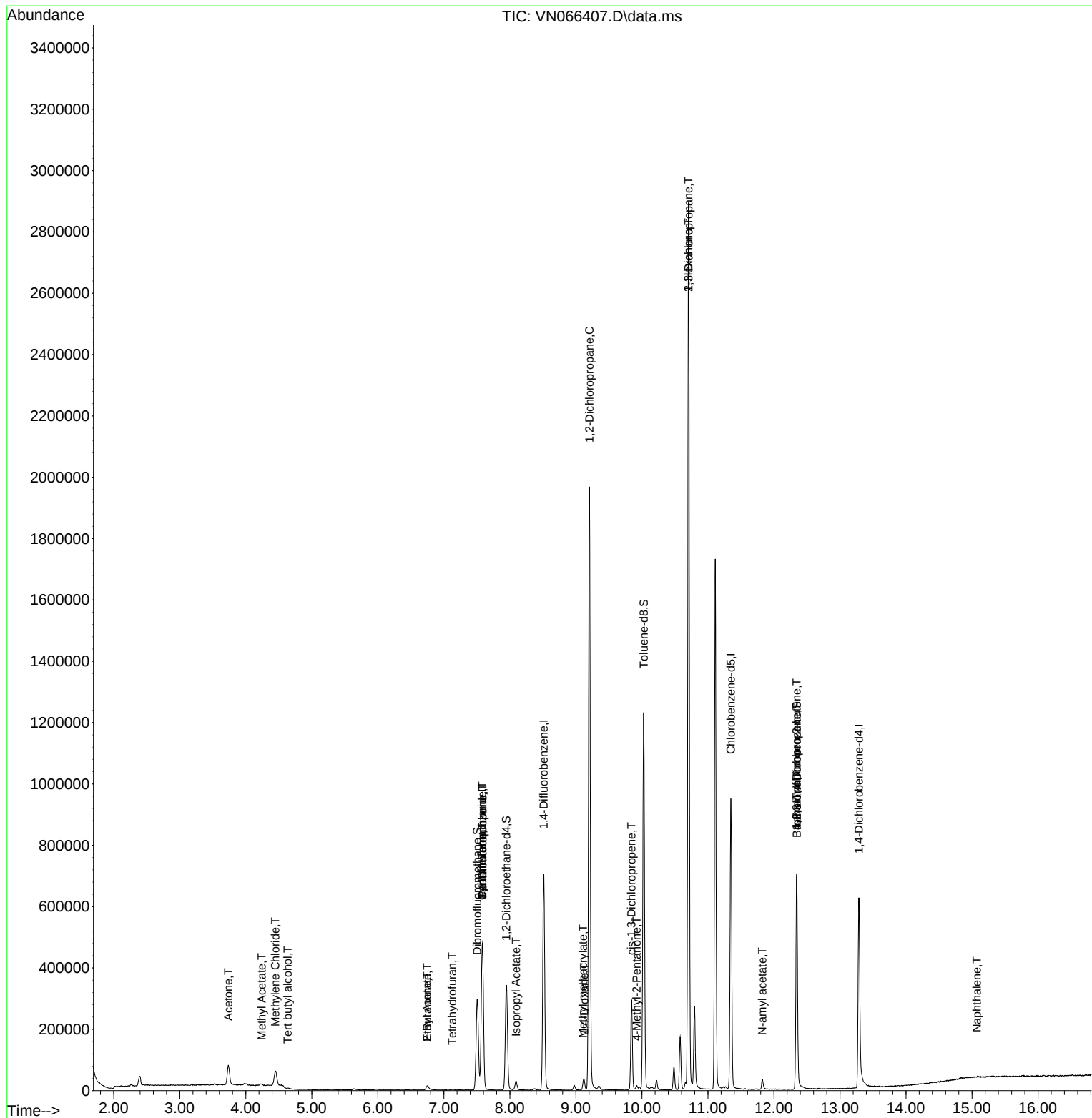
Internal Standards						
1) Pentafluorobenzene	7.584	168	402924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	615204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	535922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	201967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	286733	53.53	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.06%			
35) Dibromofluoromethane	7.504	113	225309	55.24	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.48%			
50) Toluene-d8	10.028	98	836407	54.07	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.14%			
62) 4-Bromofluorobenzene	12.345	95	238654	44.42	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.84%			
Target Compounds						Qvalue
3) Chloromethane	2.017	50	3144	Below Cal		97
11) Tert butyl alcohol	4.637	59	1059	1.30 ug/l #		92
13) Acrolein	3.529	56	3016	Below Cal		91
16) Acetone	3.736	43	102315	35.36 ug/l		97
18) Methyl Acetate	4.240	43	9669	1.28 ug/l #		75
20) Methylene Chloride	4.449	84	32219	5.13 ug/l		97
25) 2-Butanone	6.748	43	13932	4.40 ug/l		95
29) Tetrahydrofuran	7.126	42	605	0.29 ug/l #		49
31) Cyclohexane	7.582	56	8408	1.13 ug/l #		5
36) 1,1-Dichloropropene	7.584	75	30507	5.28 ug/l #		48
37) Ethyl Acetate	6.748	43	13932	2.19 ug/l #		69
38) Carbon Tetrachloride	7.582	117	37770	6.50 ug/l #		16
43) Isopropyl Acetate	8.094	43	35886	3.30 ug/l		98
45) 1,2-Dichloropropane	9.204	63	2637	0.57 ug/l #		43
48) Methyl methacrylate	9.108	41	9812	1.90 ug/l #		12
49) 1,4-Dioxane	9.127	88	66	1.02 ug/l #		1
51) 4-Methyl-2-Pentanone	9.920	43	9916	1.56 ug/l		97
54) cis-1,3-Dichloropropene	9.843	75	51895	7.07 ug/l #		58
57) 1,3-Dichloropropane	10.706	76	29456	4.12 ug/l #		43
59) 2-Hexanone	10.706	43	411922	92.53 ug/l #		52
71) Bromoform	12.348	173	1890	0.55 ug/l #		1
74) N-amyl acetate	11.825	43	11240	4.98 ug/l #		53
76) 1,2,3-Trichloropropane	12.345	75	120930	27.29 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.345	75	120930	82.06 ug/l #		12
95) Naphthalene	15.072	128	298	1.07 ug/l #		69

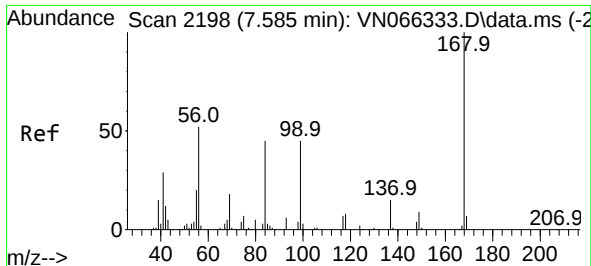
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
Data File : VN066407.D
Acq On : 30 Mar 2021 3:55
Operator : JC/MD
Sample : M1821-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL

Quant Time: Mar 30 07:09:42 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

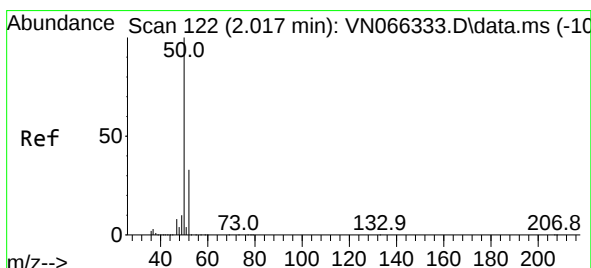
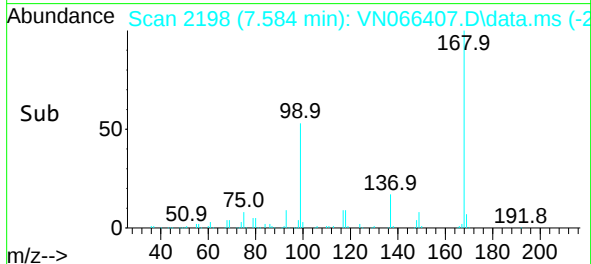
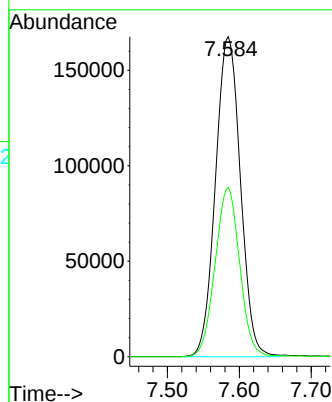
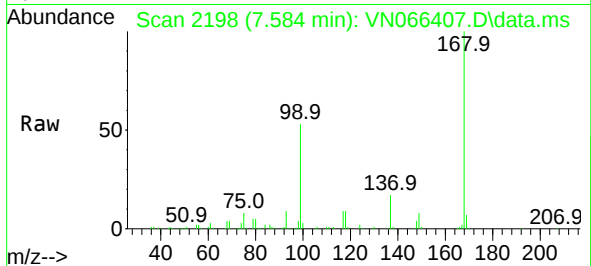




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

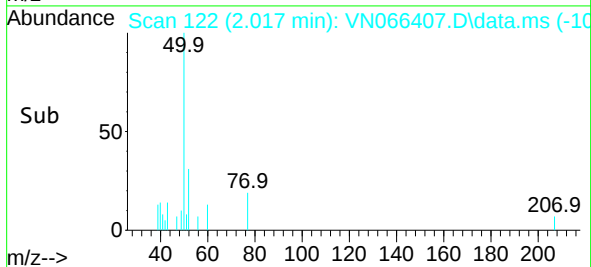
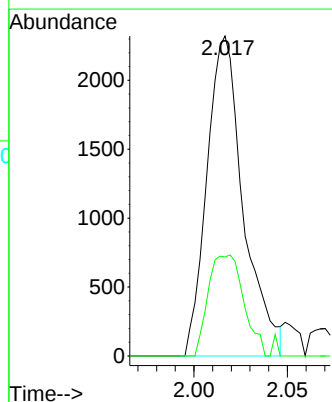
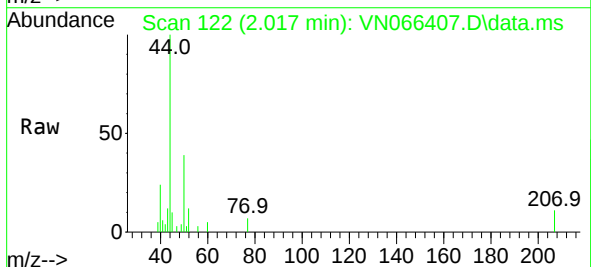
Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL

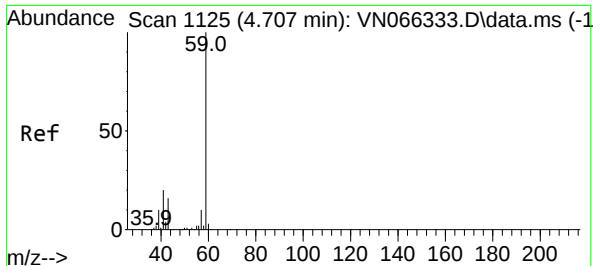
Tgt Ion:168 Resp: 402924
Ion Ratio Lower Upper
168 100
99 52.8 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

Tgt Ion: 50 Resp: 3144
Ion Ratio Lower Upper
50 100
52 30.9 26.2 39.2



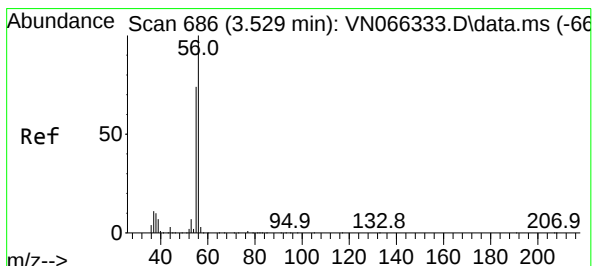
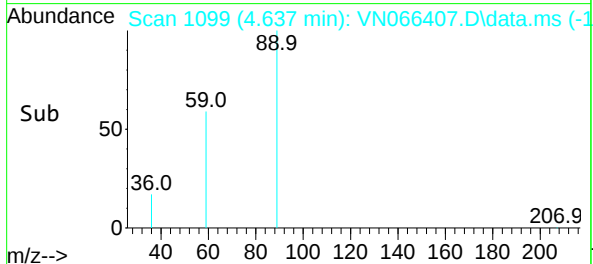
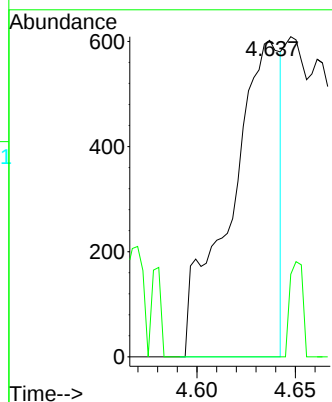
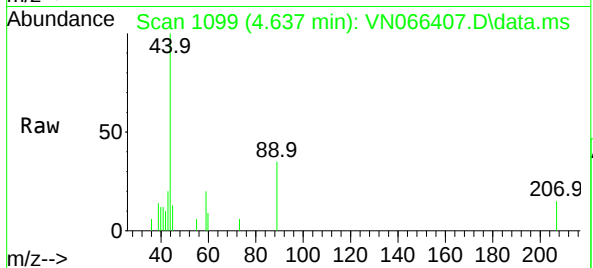


#11

Tert butyl alcohol
Concen: 1.30 ug/l
RT: 4.637 min Scan# 1099
Delta R.T. -0.070 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL

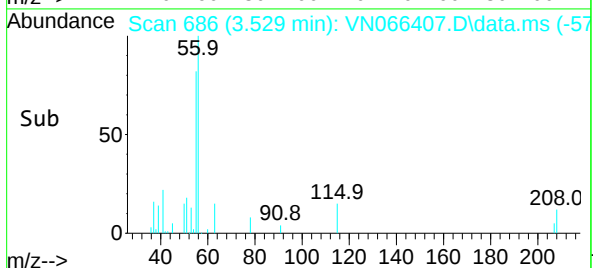
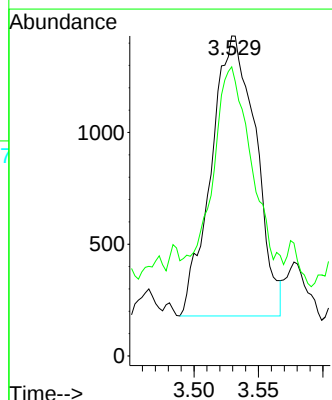
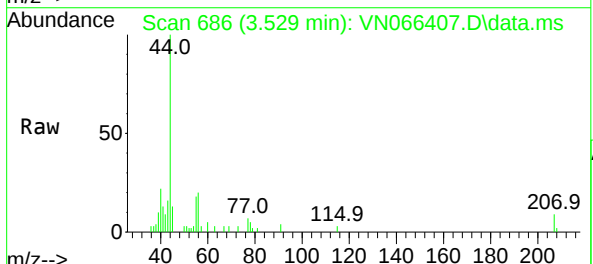
Tgt Ion: 59 Resp: 1059
Ion Ratio Lower Upper
59 100
57 7.8 4.1 6.1#

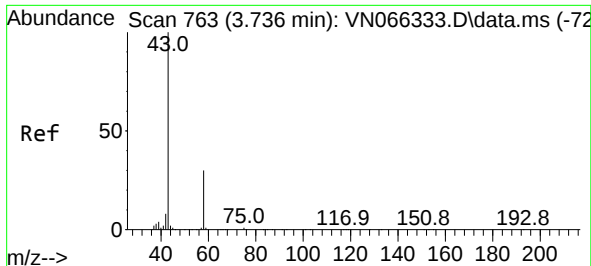


#13

Acrolein
Concen: Below Cal
RT: 3.529 min Scan# 686
Delta R.T. 0.000 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

Tgt Ion: 56 Resp: 3016
Ion Ratio Lower Upper
56 100
55 64.9 57.9 86.9

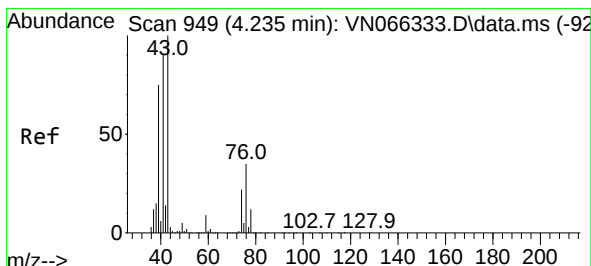
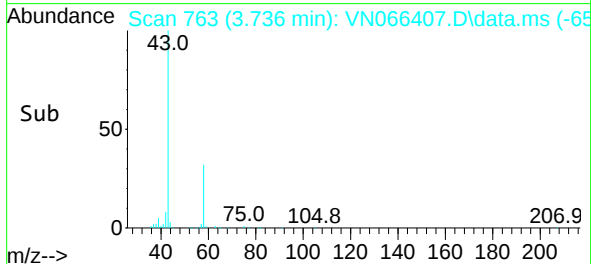
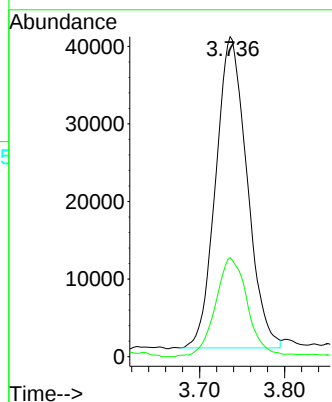
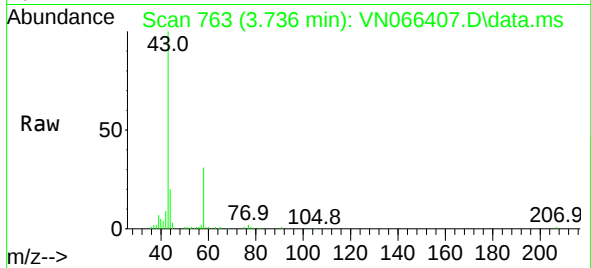




#16
Acetone
Concen: 35.36 ug/l
RT: 3.736 min Scan# 763
Delta R.T. -0.000 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

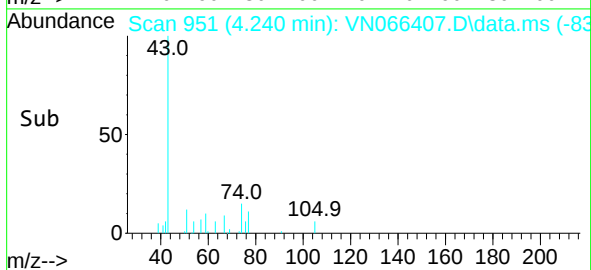
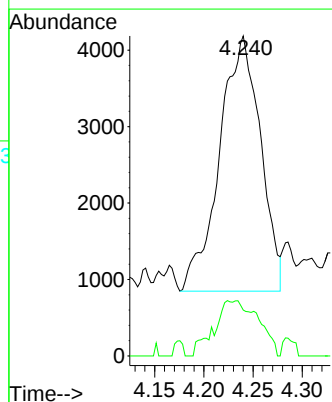
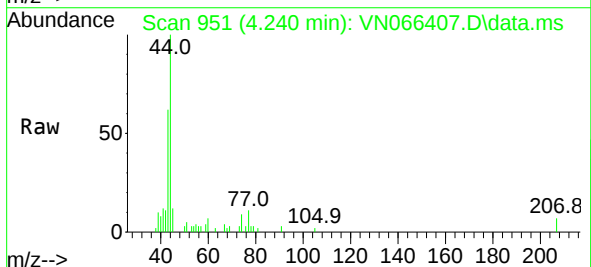
Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL

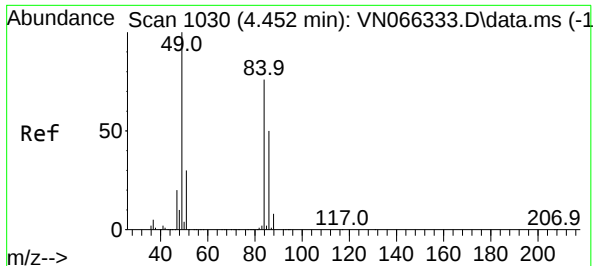
Tgt Ion: 43 Resp: 102315
Ion Ratio Lower Upper
43 100
58 31.4 23.8 35.8



#18
Methyl Acetate
Concen: 1.28 ug/l
RT: 4.240 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

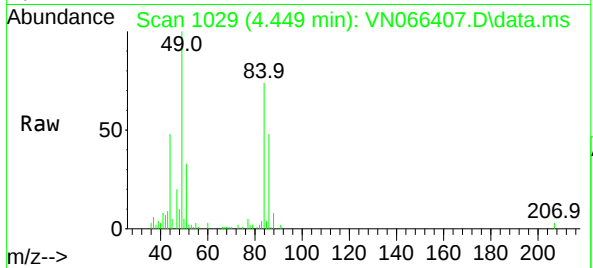
Tgt Ion: 43 Resp: 9669
Ion Ratio Lower Upper
43 100
74 10.2 17.6 26.4#



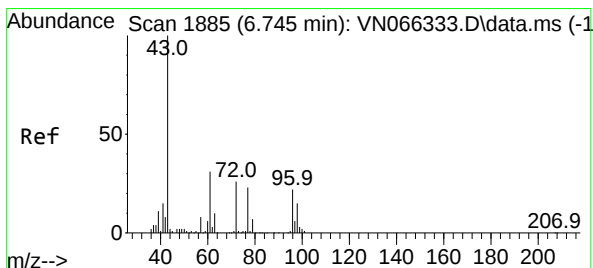
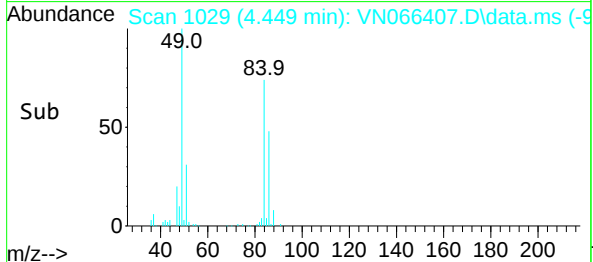
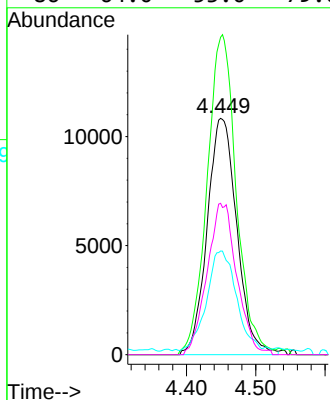


#20
Methylene Chloride
Concen: 5.13 ug/l
RT: 4.449 min Scan# 1029
Delta R.T. -0.003 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL

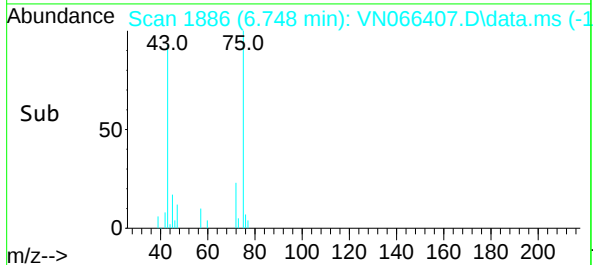
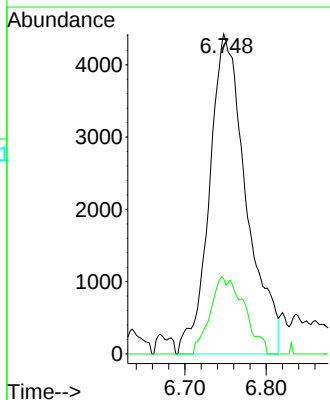
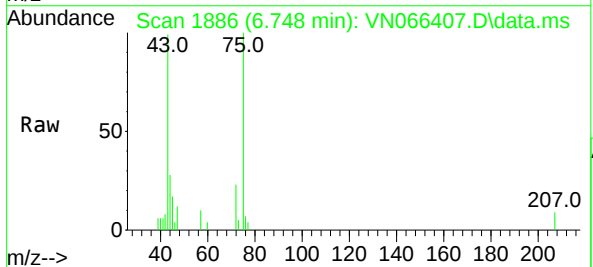


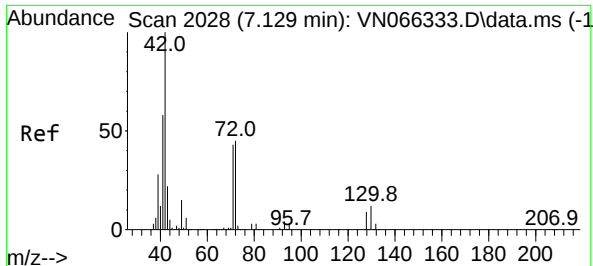
Tgt Ion: 84	Resp: 32219
Ion Ratio	Lower Upper
84	100
49	134.3 105.0 157.6
51	42.0 31.6 47.4
86	64.0 53.0 79.6



#25
2-Butanone
Concen: 4.40 ug/l
RT: 6.748 min Scan# 1886
Delta R.T. 0.003 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

Tgt Ion: 43	Resp: 13932
Ion Ratio	Lower Upper
43	100
72	23.5 20.7 31.1

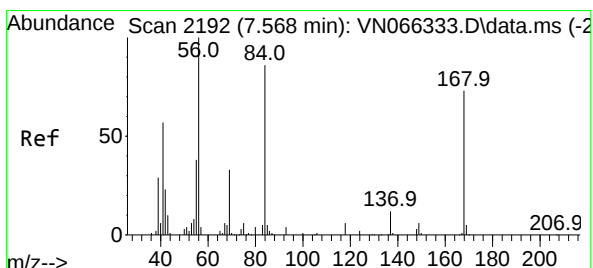
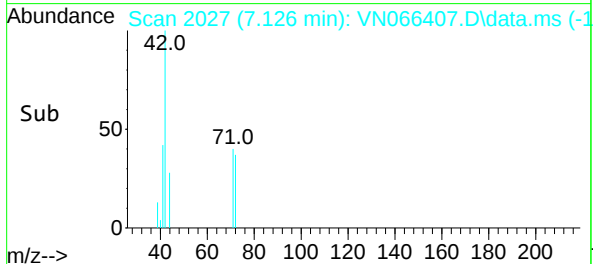
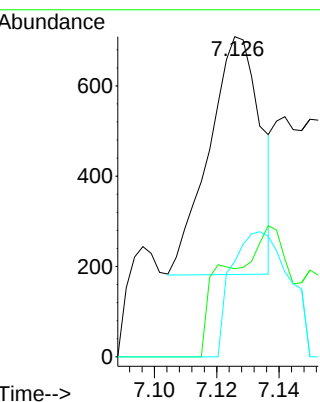
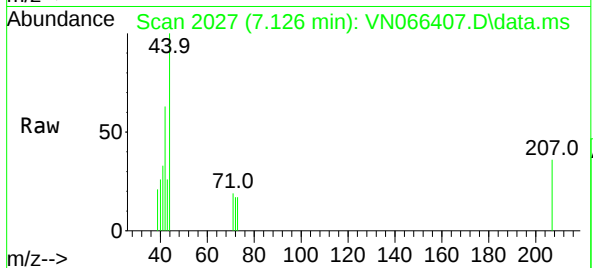




#29
Tetrahydrofuran
Concen: 0.29 ug/l
RT: 7.126 min Scan# 2027
Delta R.T. -0.003 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

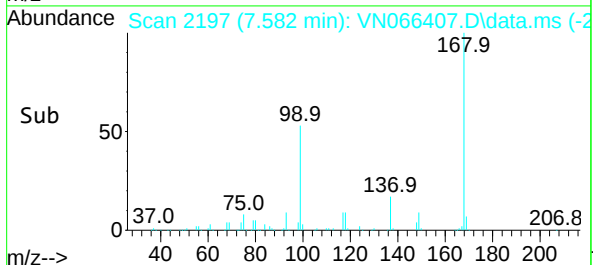
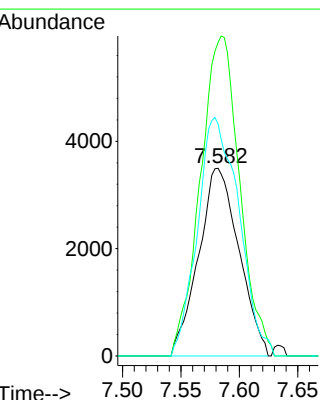
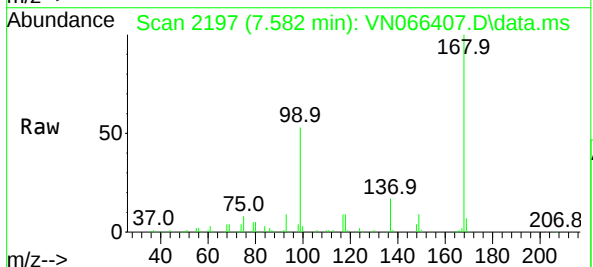
Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL

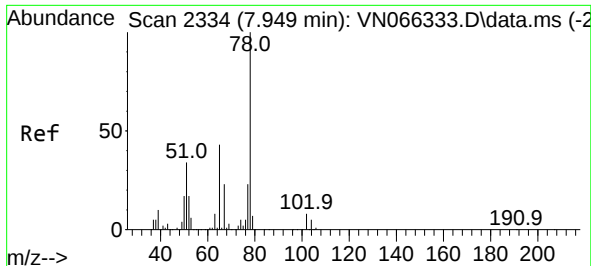
Tgt Ion: 42	Resp: 605
Ion Ratio	Lower Upper
42	100
72	20.7 35.2 52.8#
71	0.0 33.1 49.7#



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

Tgt Ion: 56	Resp: 8408
Ion Ratio	Lower Upper
56	100
69	167.2 26.6 40.0#
84	123.6 68.7 103.1#





#33

1,2-Dichloroethane-d4

Concen: 53.53 ug/l

RT: 7.946 min Scan# 2333

Delta R.T. -0.003 min

Lab File: VN066407.D

Acq: 30 Mar 2021 3:55

Tgt Ion: 65 Resp: 286733

Ion Ratio Lower Upper

65 100

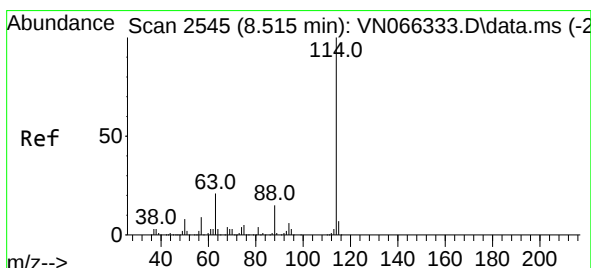
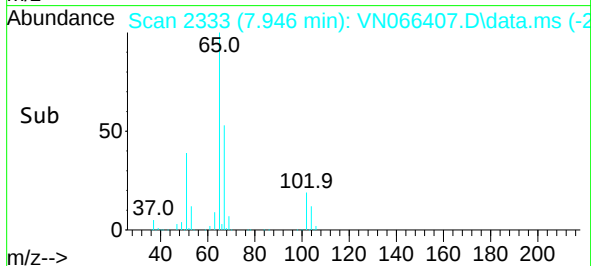
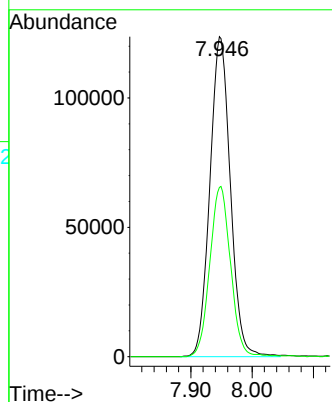
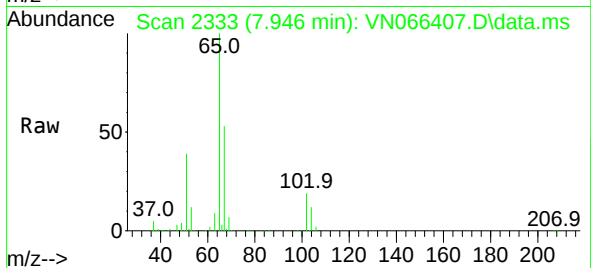
67 53.9 0.0 105.2

Instrument :

MSVOA_N

ClientSampleId :

EL-510-STREET-LEVEL



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.512 min Scan# 2544

Delta R.T. -0.003 min

Lab File: VN066407.D

Acq: 30 Mar 2021 3:55

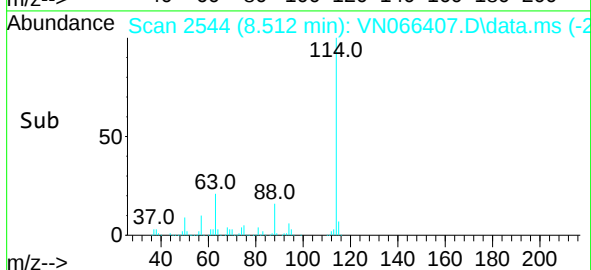
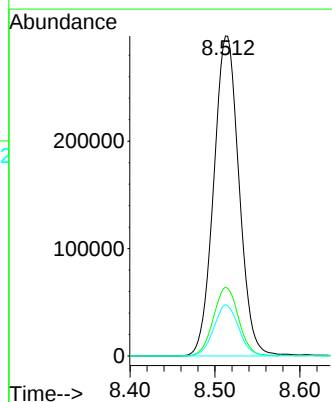
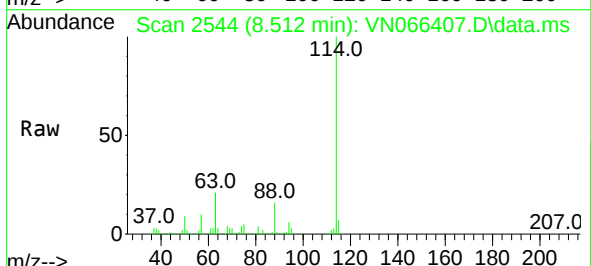
Tgt Ion: 114 Resp: 615204

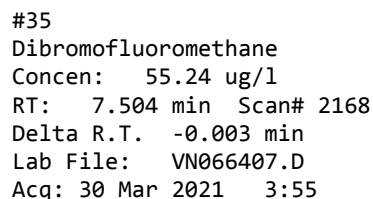
Ion Ratio Lower Upper

114 100

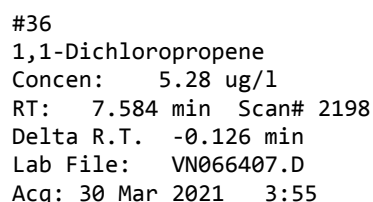
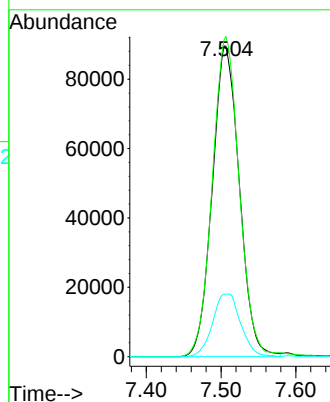
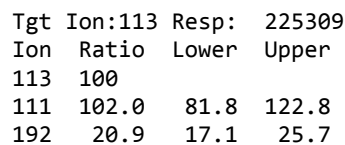
63 21.5 0.0 42.0

88 16.0 0.0 31.0

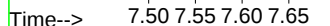
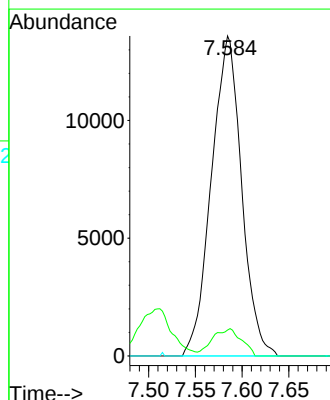


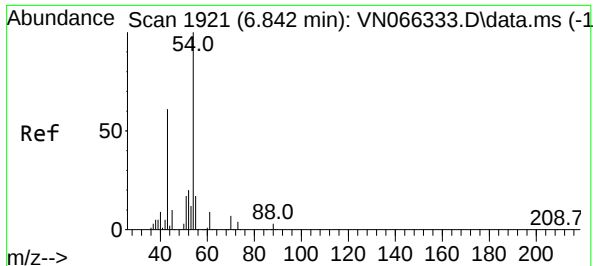


Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL



Tgt Ion: 75	Resp: 30507
Ion Ratio Lower	Upper
75 100	
110 8.2	18.1 54.3#
77 0.0	25.0 37.4#





#37

Ethyl Acetate

Concen: 2.19 ug/l

RT: 6.748 min Scan# 1886

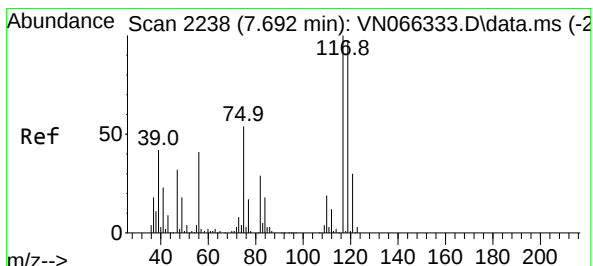
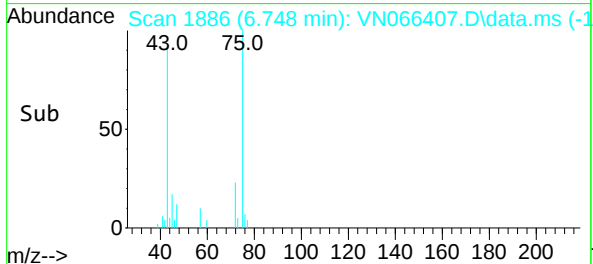
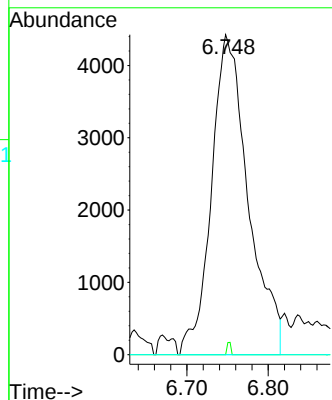
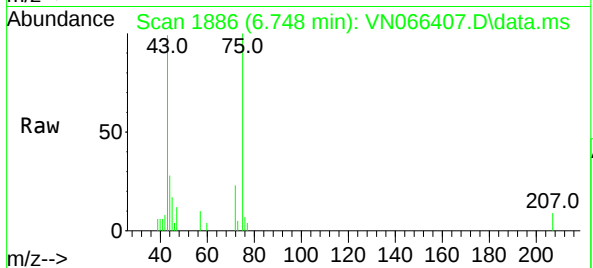
Delta R.T. -0.094 min

Lab File: VN066407.D

Acq: 30 Mar 2021 3:55

Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL

Tgt Ion: 43	Resp: 13932
Ion Ratio	Lower Upper
43 100	
61 0.4	11.1 16.7#
70 0.0	8.0 12.0#



#38

Carbon Tetrachloride

Concen: 6.50 ug/l

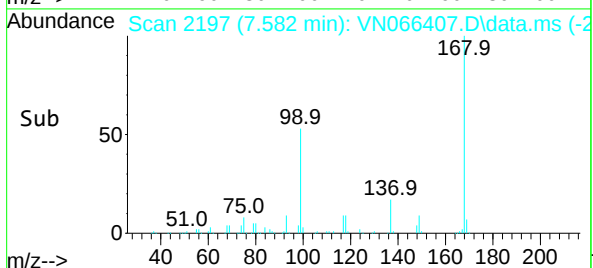
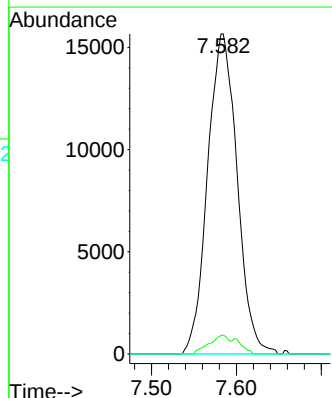
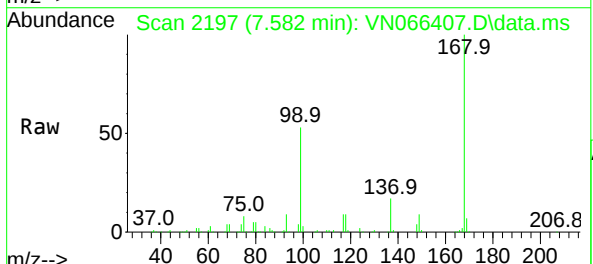
RT: 7.582 min Scan# 2197

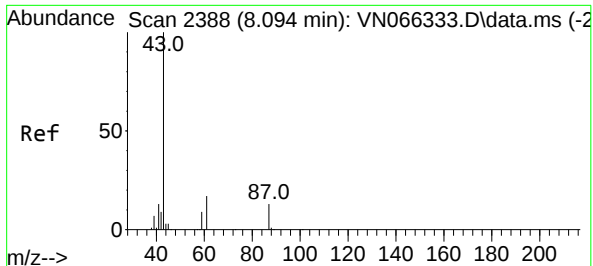
Delta R.T. -0.110 min

Lab File: VN066407.D

Acq: 30 Mar 2021 3:55

Tgt Ion: 117	Resp: 37770
Ion Ratio	Lower Upper
117 100	
119 5.8	77.2 115.8#
121 0.0	24.2 36.4#

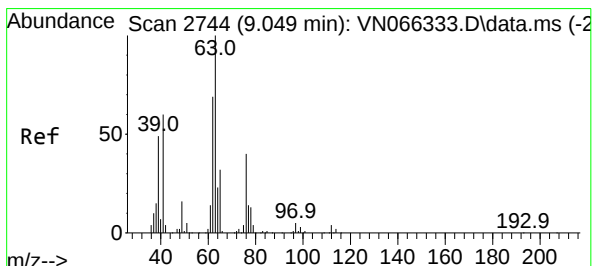
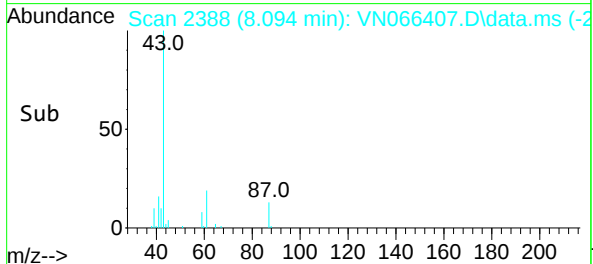
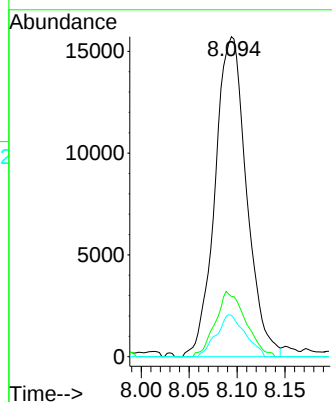
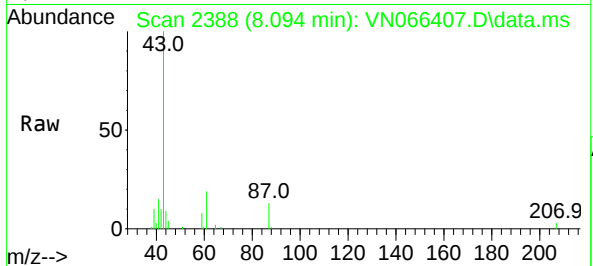




#43
Isopropyl Acetate
Concen: 3.30 ug/l
RT: 8.094 min Scan# 2388
Delta R.T. -0.000 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

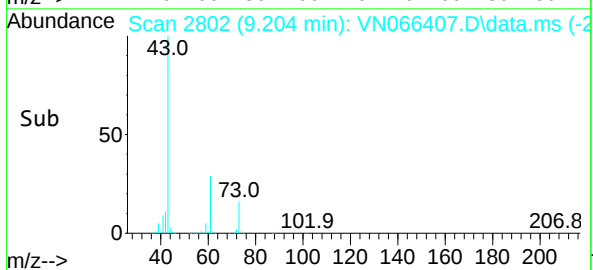
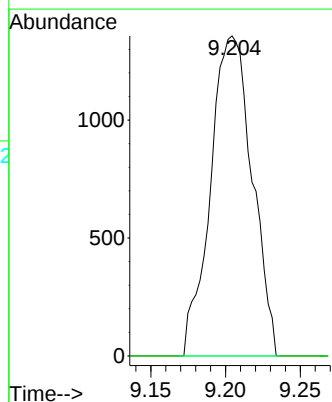
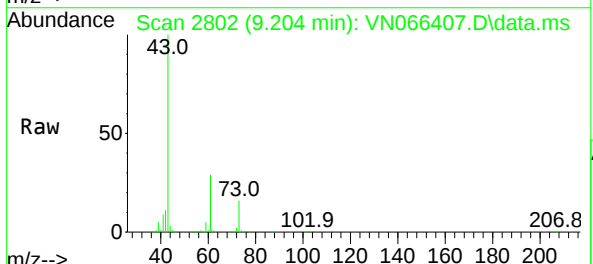
Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL

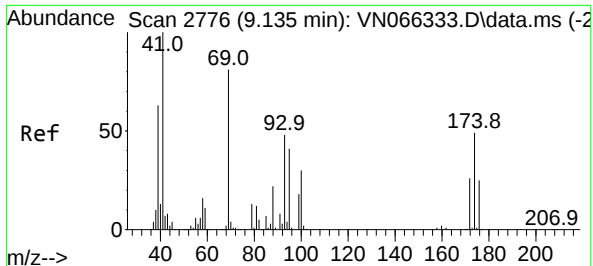
Tgt Ion: 43	Resp: 35886
Ion Ratio	Lower Upper
43	100
61	19.6 15.5 23.3
87	11.9 10.5 15.7



#45
1,2-Dichloropropane
Concen: 0.57 ug/l
RT: 9.204 min Scan# 2802
Delta R.T. 0.155 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

Tgt Ion: 63	Resp: 2637
Ion Ratio	Lower Upper
63	100
65	0.0 25.5 38.3#





#48

Methyl methacrylate

Concen: 1.90 ug/l

RT: 9.108 min Scan# 2766

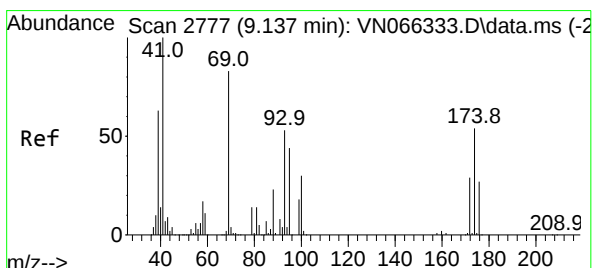
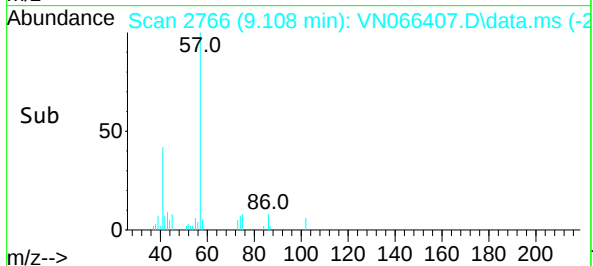
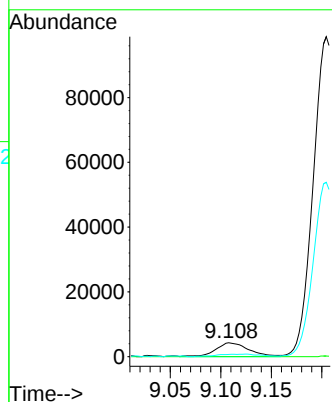
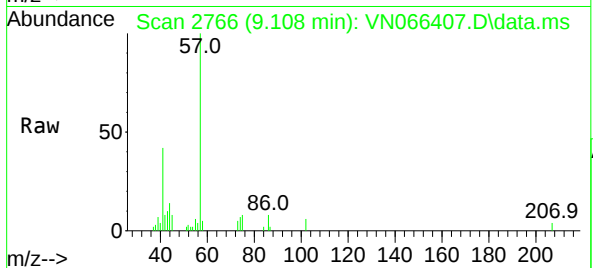
Delta R.T. -0.027 min

Lab File: VN066407.D

Acq: 30 Mar 2021 3:55

Tgt Ion:	41	Resp:	9812
Ion Ratio	Lower	Upper	
41	100		
69	0.0	66.2	99.4#
39	0.0	51.5	77.3#

Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL



#49

1,4-Dioxane

Concen: 1.02 ug/l

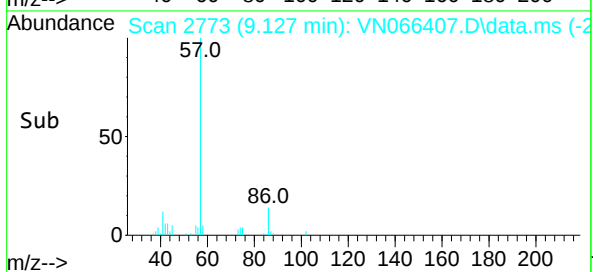
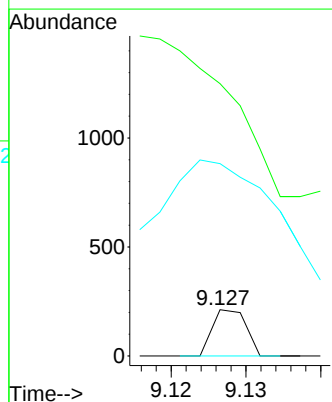
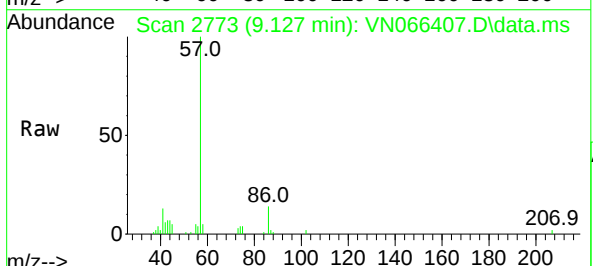
RT: 9.127 min Scan# 2773

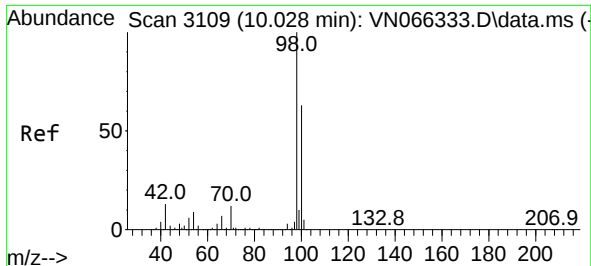
Delta R.T. -0.011 min

Lab File: VN066407.D

Acq: 30 Mar 2021 3:55

Tgt Ion:	88	Resp:	66
Ion Ratio	Lower	Upper	
88	100		
43	0.0	28.2	42.4#
58	2860.6	56.6	84.8#

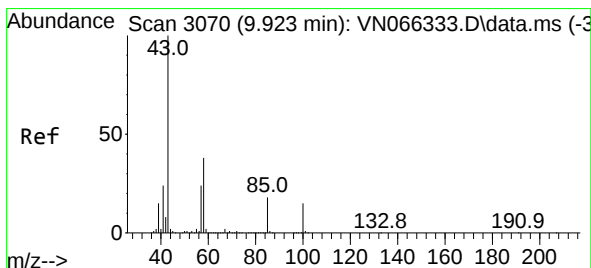
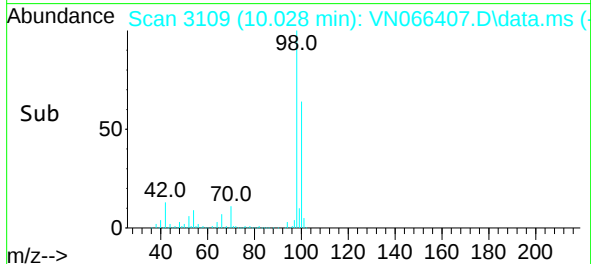
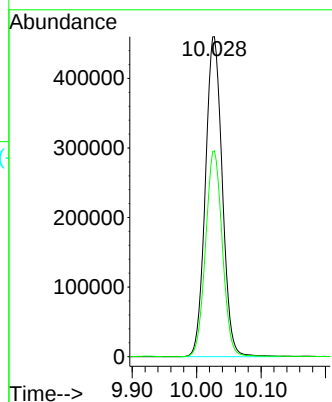
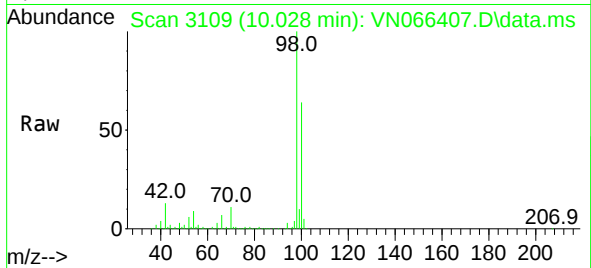




#50
Toluene-d8
Concen: 54.07 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

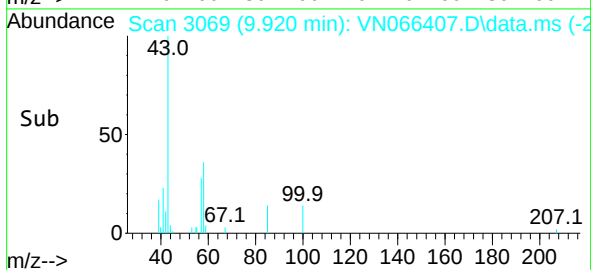
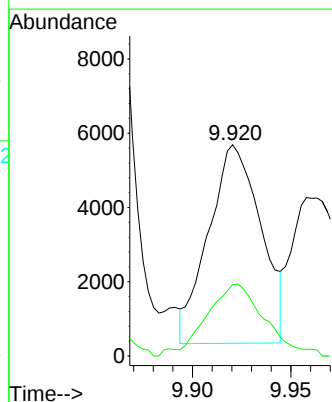
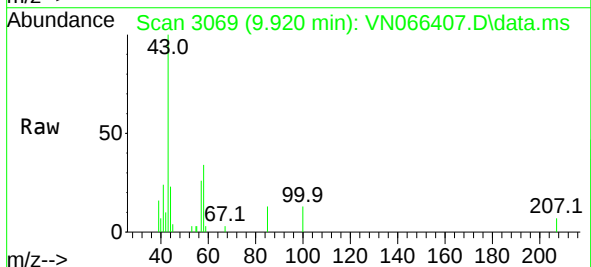
Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL

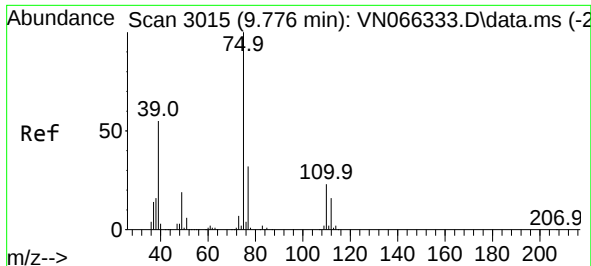
Tgt Ion: 98 Resp: 836407
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.56 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. -0.003 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

Tgt Ion: 43 Resp: 9916
Ion Ratio Lower Upper
43 100
58 40.1 30.8 46.2

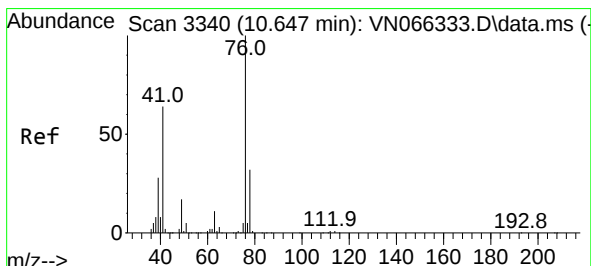
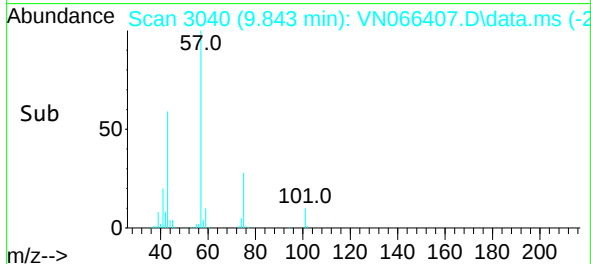
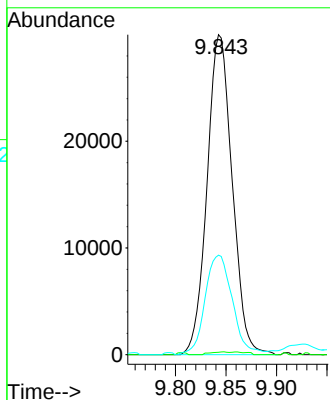
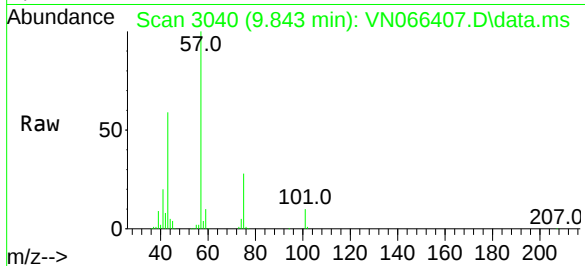




#54
cis-1,3-Dichloropropene
Concen: 7.07 ug/l
RT: 9.843 min Scan# 3040
Delta R.T. 0.067 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

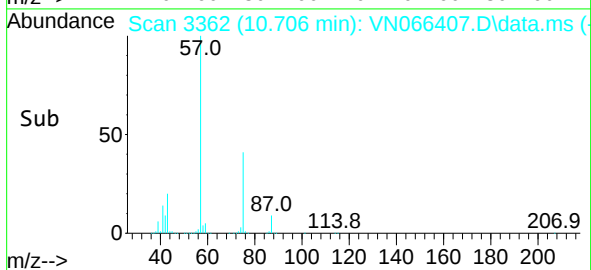
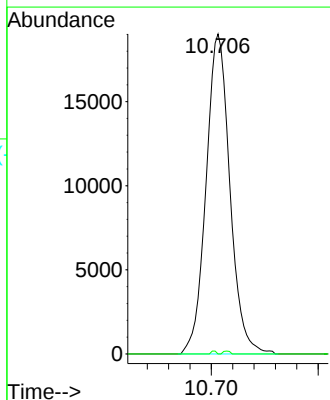
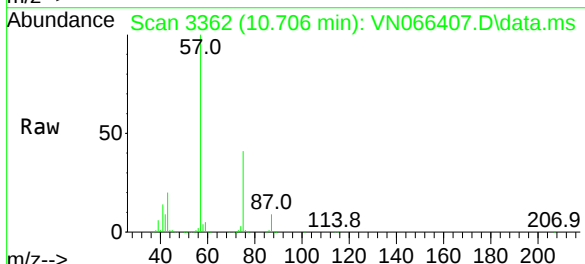
Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL

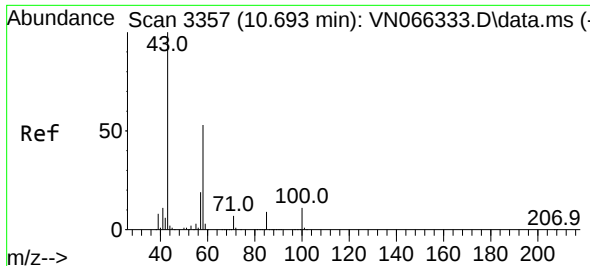
Tgt Ion: 75 Resp: 51895
Ion Ratio Lower Upper
75 100
77 0.8 25.4 38.2#
39 31.1 44.2 66.4#



#57
1,3-Dichloropropane
Concen: 4.12 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.059 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

Tgt Ion: 76 Resp: 29456
Ion Ratio Lower Upper
76 100
78 0.2 25.9 38.9#

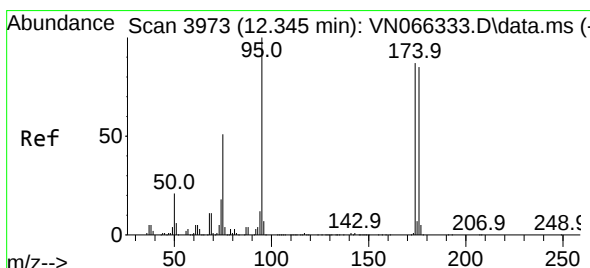
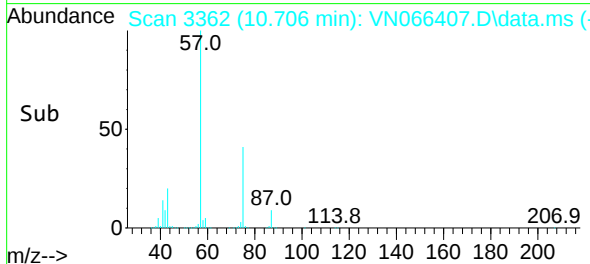
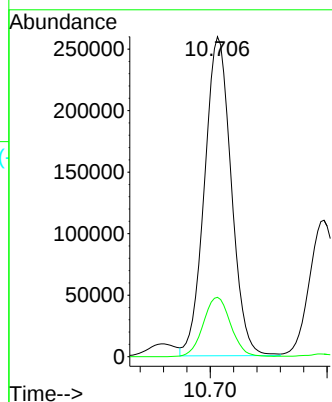
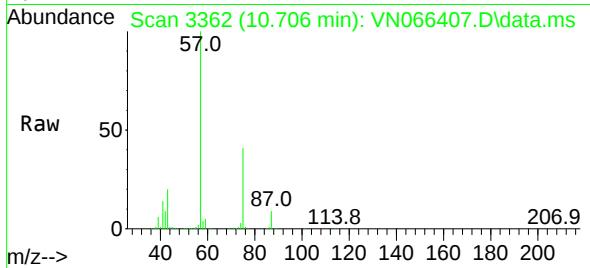




#59
2-Hexanone
Concen: 92.53 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.013 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

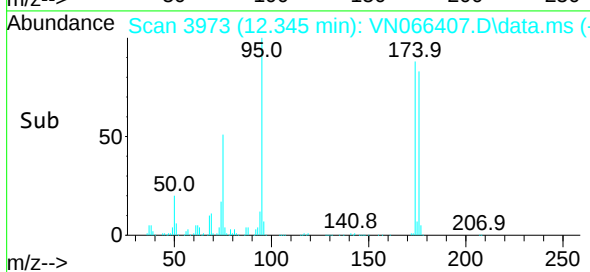
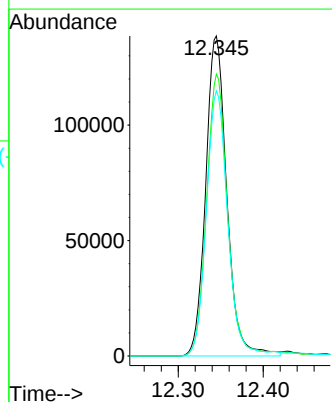
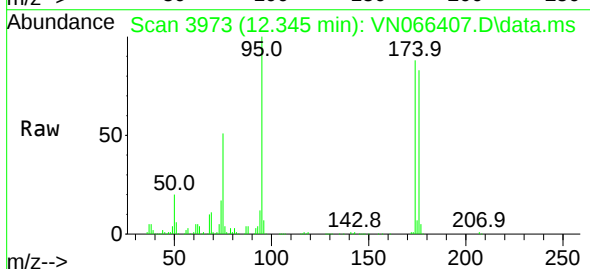
Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL

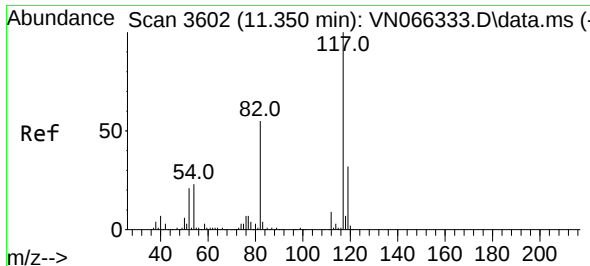
Tgt Ion: 43 Resp: 411922
Ion Ratio Lower Upper
43 100
58 19.2 26.6 79.8#



#62
4-Bromofluorobenzene
Concen: 44.42 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

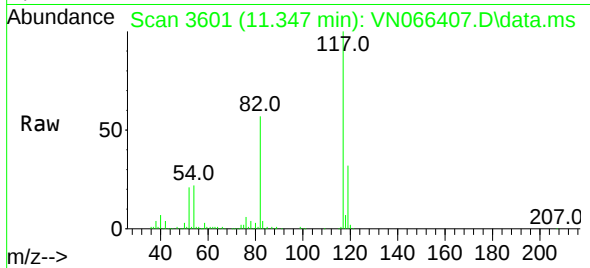
Tgt Ion: 95 Resp: 238654
Ion Ratio Lower Upper
95 100
174 89.1 0.0 172.2
176 83.2 0.0 167.8



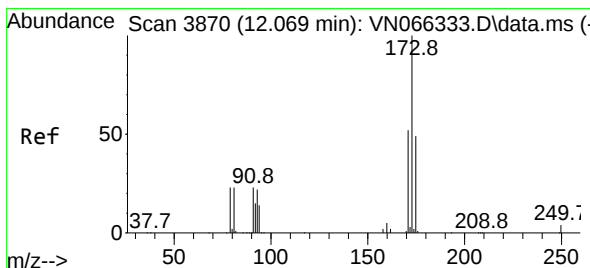
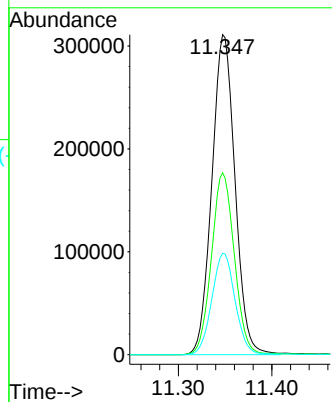
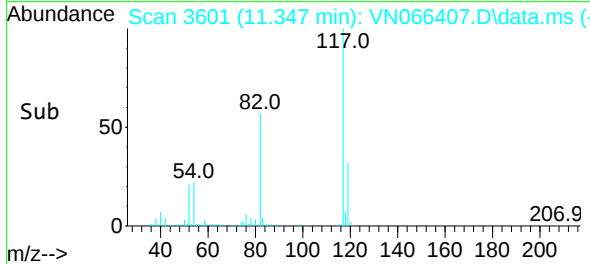


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

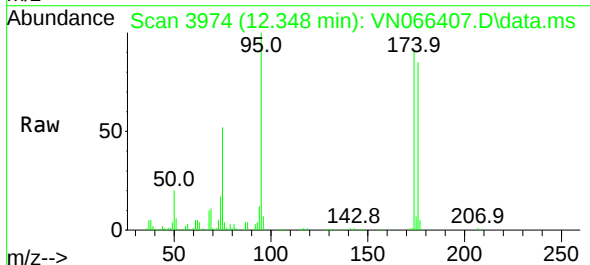
Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL



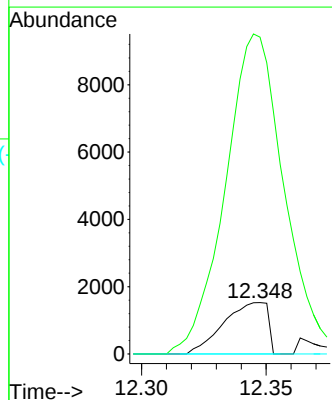
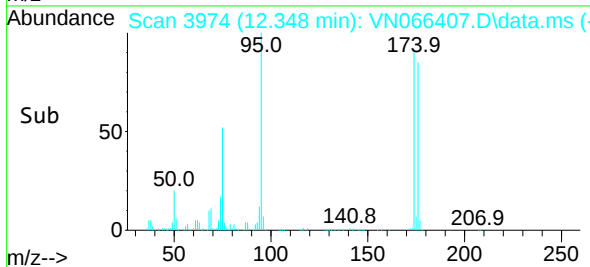
Tgt Ion:117 Resp: 535922
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.4
119 31.7 25.8 38.6

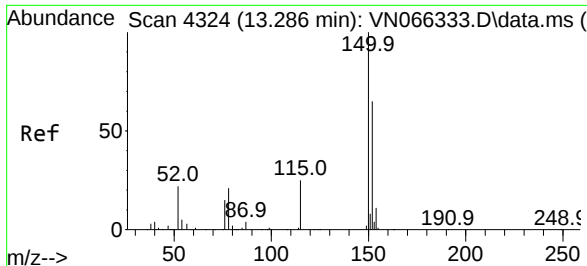


#71
Bromoform
Concen: 0.55 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.279 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55



Tgt Ion:173 Resp: 1890
Ion Ratio Lower Upper
173 100
175 734.3 24.3 72.8#
254 0.0 0.0 0.0

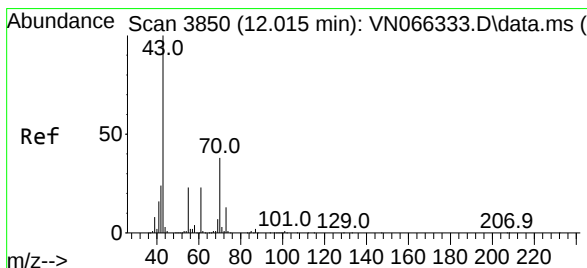
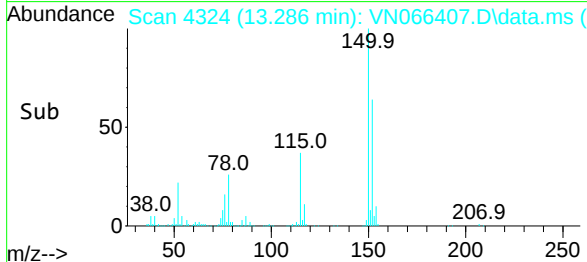
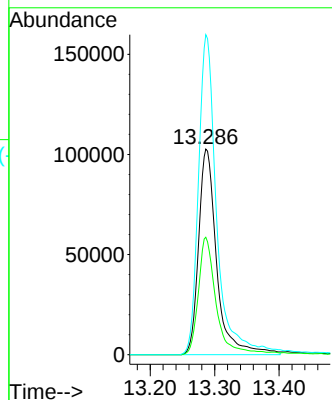
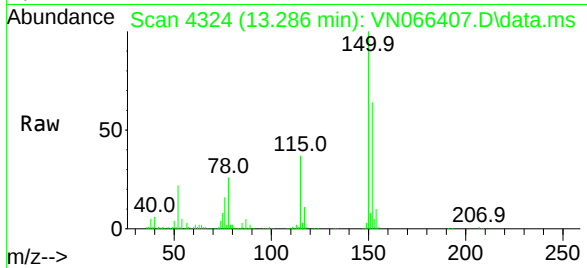




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

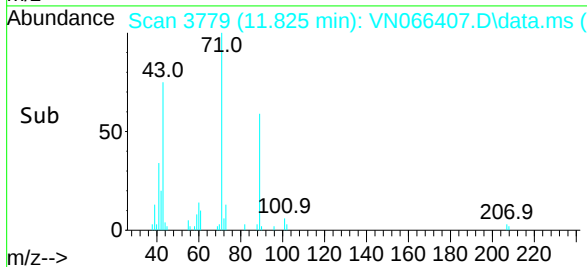
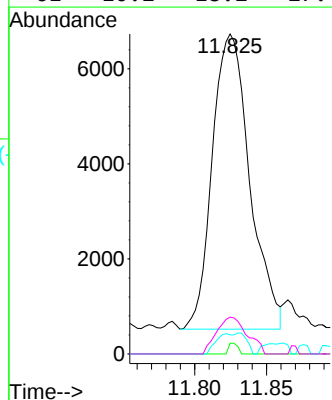
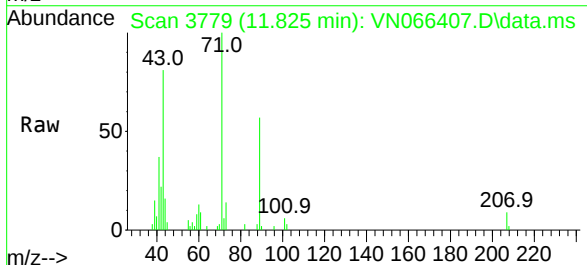
Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL

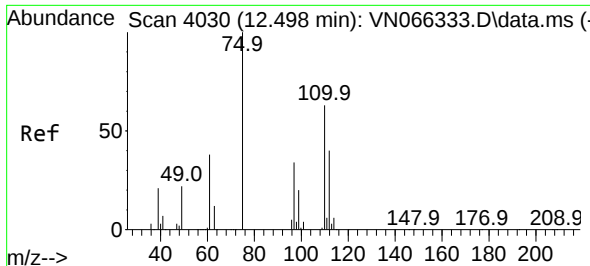
Tgt Ion:152 Resp: 201967
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 152.8 0.0 348.4



#74
N-ethyl acetate
Concen: 4.98 ug/l
RT: 11.825 min Scan# 3779
Delta R.T. -0.190 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

Tgt Ion: 43 Resp: 11240
Ion Ratio Lower Upper
43 100
70 0.9 31.2 46.8#
55 3.4 18.6 28.0#
61 10.2 18.2 27.4#

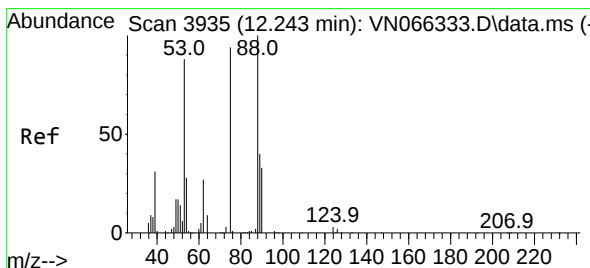
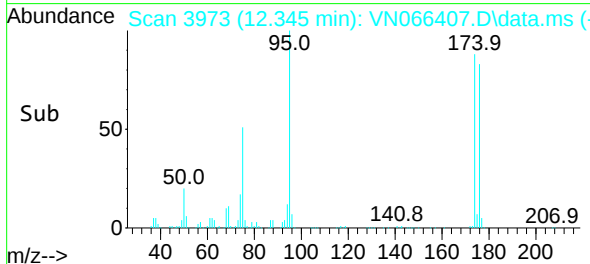
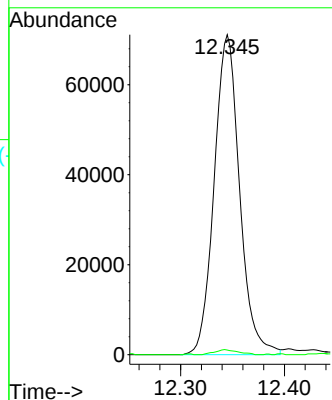
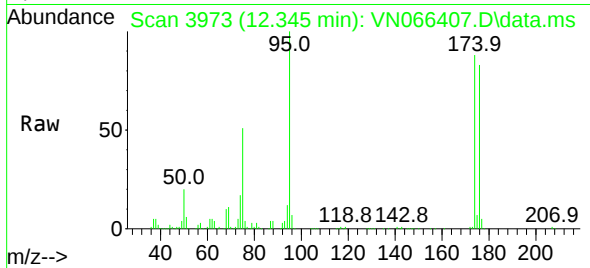




#76
1,2,3-Trichloropropane
Concen: 27.29 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

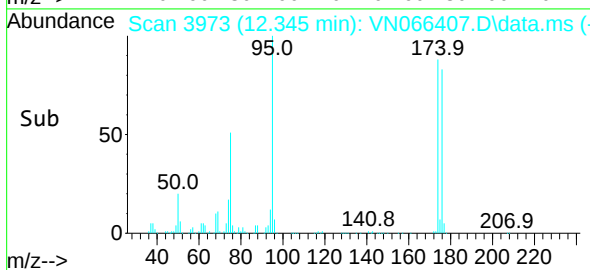
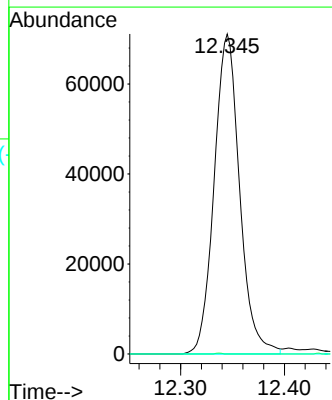
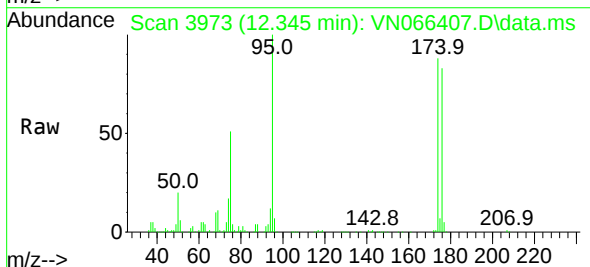
Instrument :
MSVOA_N
ClientSampleId :
EL-510-STREET-LEVEL

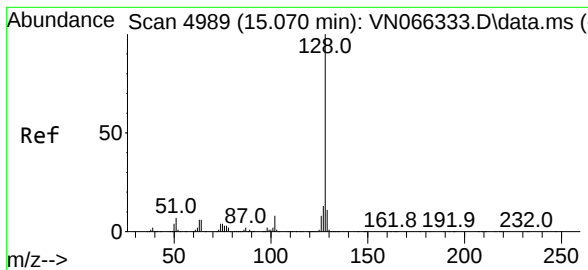
Tgt Ion: 75 Resp: 120930
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.06 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066407.D
Acq: 30 Mar 2021 3:55

Tgt Ion: 75 Resp: 120930
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 35.7 53.5#





#95
 Naphthalene
 Concen: 1.07 ug/l
 RT: 15.072 min Scan# 4990
 Delta R.T. 0.002 min
 Lab File: VN066407.D
 Acq: 30 Mar 2021 3:55

Instrument :
 MSVOA_N
 ClientSampleId :
 EL-510-STREET-LEVEL

Tgt Ion:	128	Resp:	298
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.5	12.7#

