

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066281.D
 Acq On : 19 Mar 2021 15:29
 Operator : JC/MD
 Sample : M1707-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ELEVATOR-510-EL-167-157

Quant Time: Mar 20 04:58:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

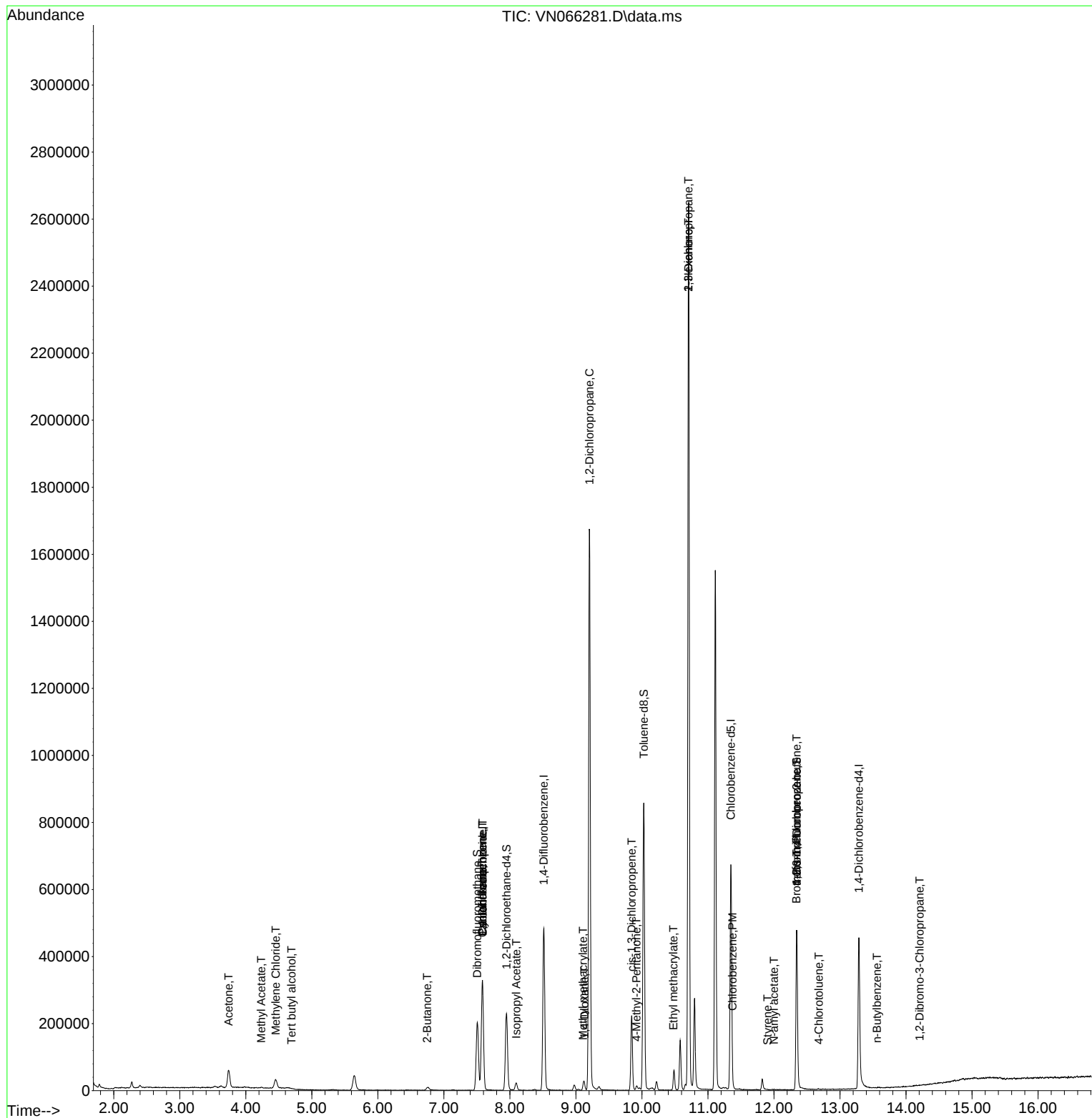
Internal Standards						
1) Pentafluorobenzene	7.585	168	284277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	431771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	409497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	150530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	194022	47.37	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.74%		
35) Dibromofluoromethane	7.507	113	156937	56.97	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	113.94%		
50) Toluene-d8	10.028	98	592604	55.64	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	111.28%		
62) 4-Bromofluorobenzene	12.345	95	166094	43.27	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.54%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.691	59	143	0.20	ug/l #	73
13) Acrolein	3.524	56	2328	Below Cal	#	52
16) Acetone	3.739	43	85982	43.70	ug/l	91
18) Methyl Acetate	4.235	43	4295	0.78	ug/l #	87
20) Methylene Chloride	4.455	84	16228	5.27	ug/l	96
25) 2-Butanone	6.748	43	4884	1.60	ug/l #	81
31) Cyclohexane	7.585	56	4509	0.73	ug/l #	1
36) 1,1-Dichloropropene	7.585	75	19047	4.36	ug/l #	49
38) Carbon Tetrachloride	7.587	117	24213	6.18	ug/l #	16
43) Isopropyl Acetate	8.097	43	26340	2.73	ug/l	95
45) 1,2-Dichloropropane	9.204	63	1962	0.52	ug/l #	44
48) Methyl methacrylate	9.108	41	6901	1.51	ug/l #	21
49) 1,4-Dioxane	9.132	88	92	1.85	ug/l #	1
51) 4-Methyl-2-Pentanone	9.918	43	8855	1.52	ug/l	93
54) cis-1,3-Dichloropropene	9.845	75	38736	6.83	ug/l #	55
56) Ethyl methacrylate	10.478	69	474	2.24	ug/l #	1
57) 1,3-Dichloropropane	10.706	76	25997	4.62	ug/l #	43
59) 2-Hexanone	10.706	43	371352	82.23	ug/l #	58
65) Chlorobenzene	11.371	112	3625	0.44	ug/l	97
70) Styrene	11.905	104	28	2.15	ug/l #	24
71) Bromoform	12.340	173	722	0.30	ug/l #	1
74) N-amyl acetate	12.002	43	333	2.21	ug/l #	49
76) 1,2,3-Trichloropropane	12.345	75	78629	20.23	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	78629	60.53	ug/l #	11
82) 4-Chlorotoluene	12.680	91	55	0.47	ug/l #	43
89) n-Butylbenzene	13.560	91	132	2.25	ug/l #	46
92) 1,2-Dibromo-3-Chloropr...	14.209	75	52	0.90	ug/l #	8

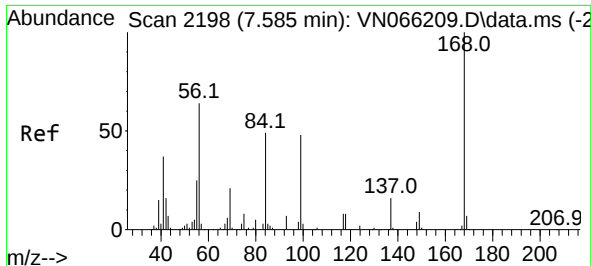
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ELEVATOR-510-EL-167-157

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Quant Title : SW846 8260
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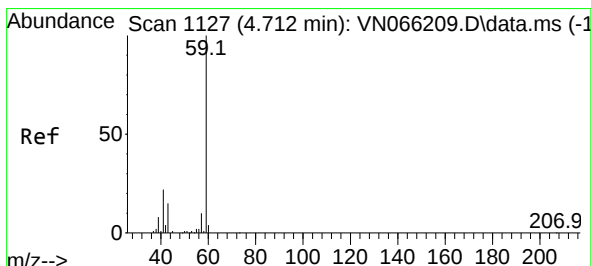
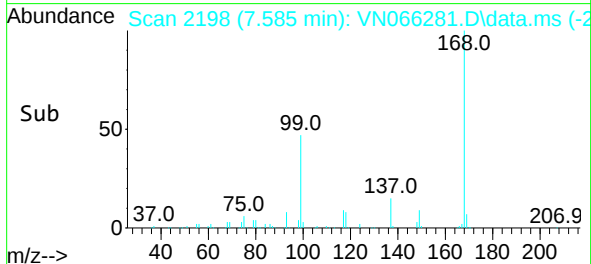
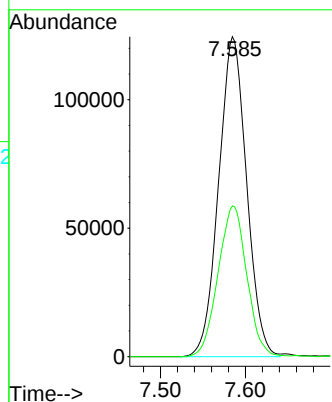
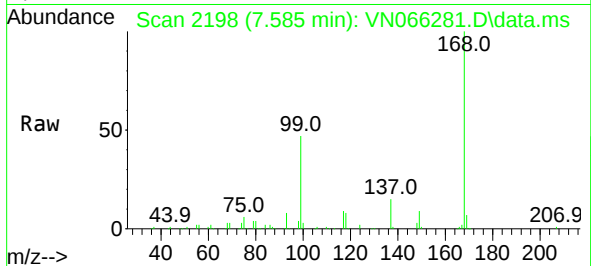




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

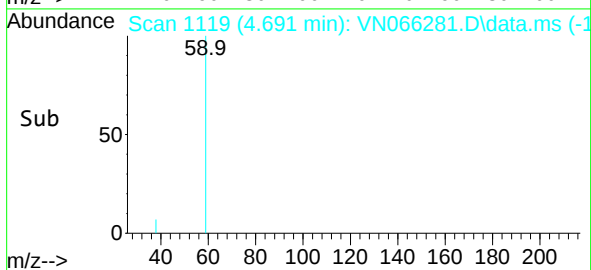
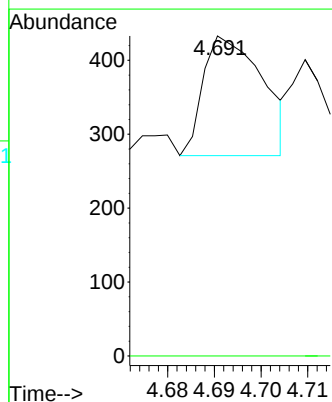
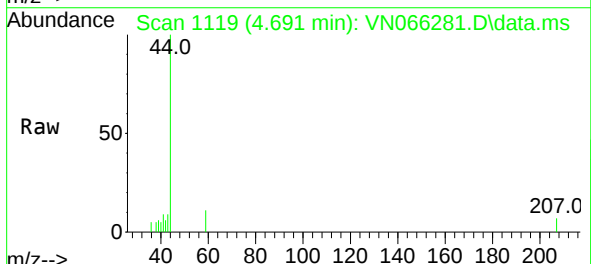
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-510-EL-167-157

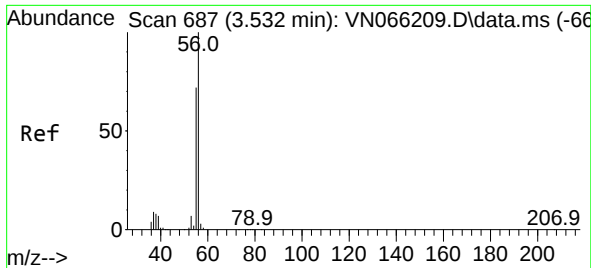
Tgt Ion:168 Resp: 284277
Ion Ratio Lower Upper
168 100
99 47.1 45.4 68.0



#11
Tert butyl alcohol
Concen: 0.20 ug/l
RT: 4.691 min Scan# 1119
Delta R.T. -0.021 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

Tgt Ion: 59 Resp: 143
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

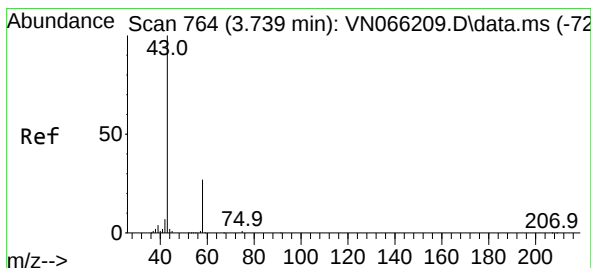
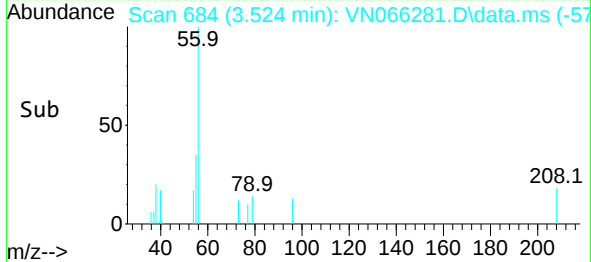
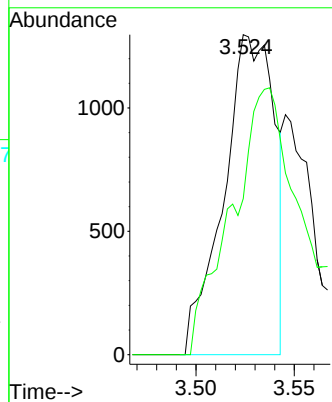
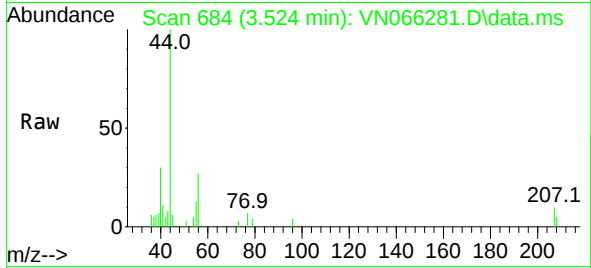




#13
Acrolein
Concen: Below Cal
RT: 3.524 min Scan# 684
Delta R.T. -0.008 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

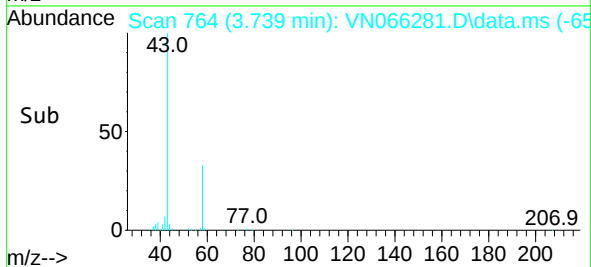
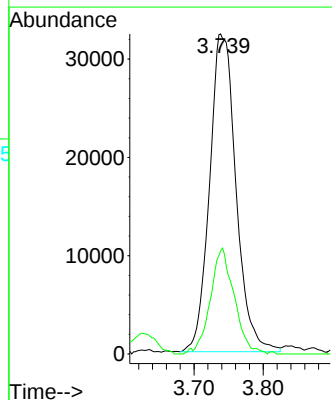
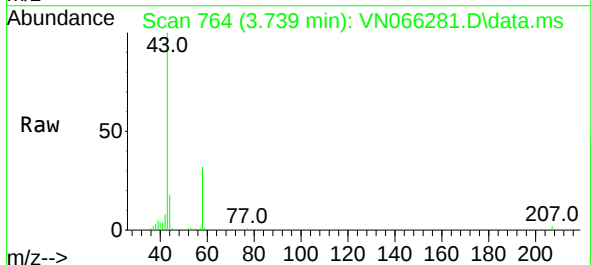
Instrument :
MSVOA_N
ClientSampleId :
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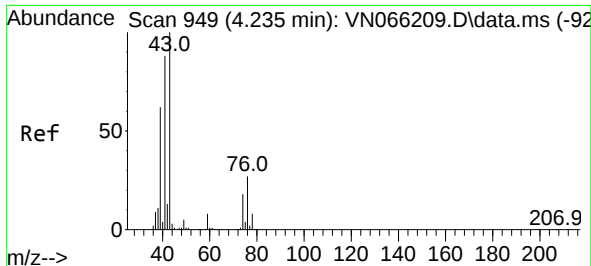
Tgt Ion: 56 Resp: 2328
Ion Ratio Lower Upper
56 100
55 112.3 58.0 87.0#



#16
Acetone
Concen: 43.70 ug/l
RT: 3.739 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

Tgt Ion: 43 Resp: 85982
Ion Ratio Lower Upper
43 100
58 32.5 22.3 33.5

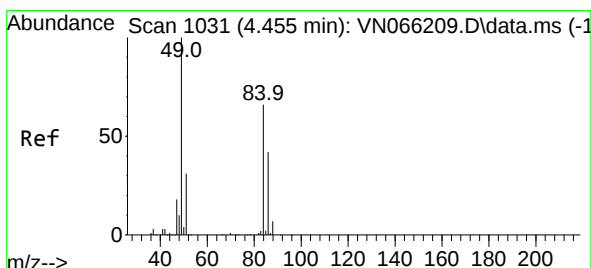
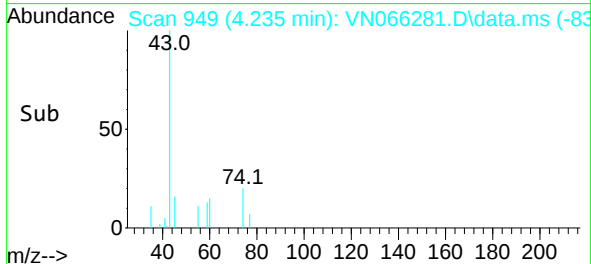
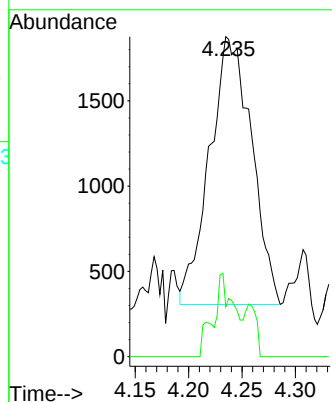
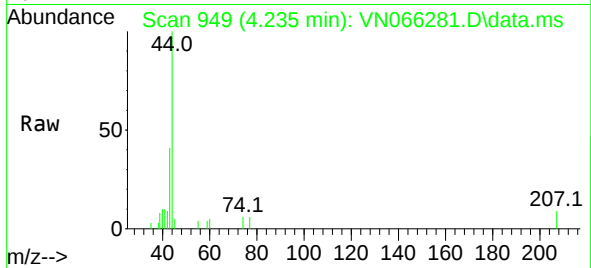




#18
Methyl Acetate
Concen: 0.78 ug/l
RT: 4.235 min Scan# 949
Delta R.T. -0.000 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

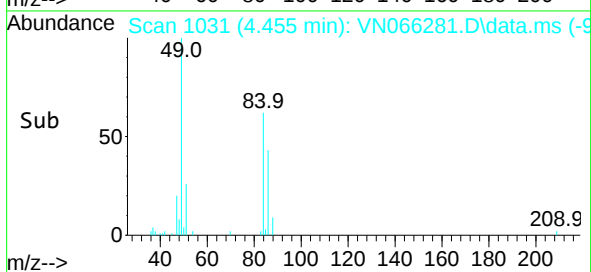
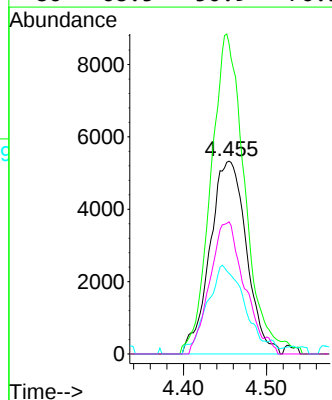
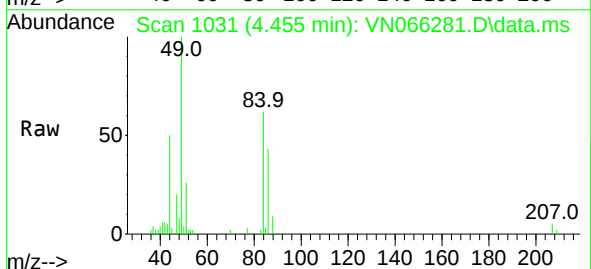
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-510-EL-167-157

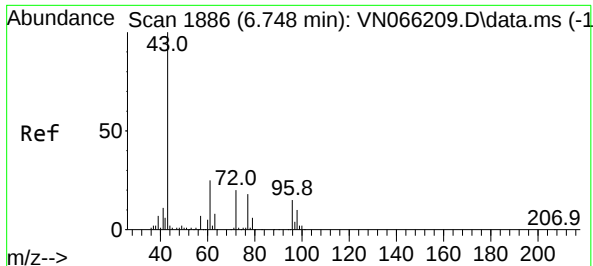
Tgt Ion: 43 Resp: 4295
Ion Ratio Lower Upper
43 100
74 11.9 14.2 21.2#



#20
Methylene Chloride
Concen: 5.27 ug/l
RT: 4.455 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

Tgt Ion: 84 Resp: 16228
Ion Ratio Lower Upper
84 100
49 161.2 130.0 195.0
51 41.8 39.1 58.7
86 68.5 50.9 76.3

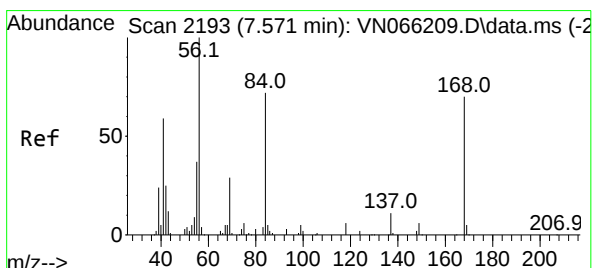
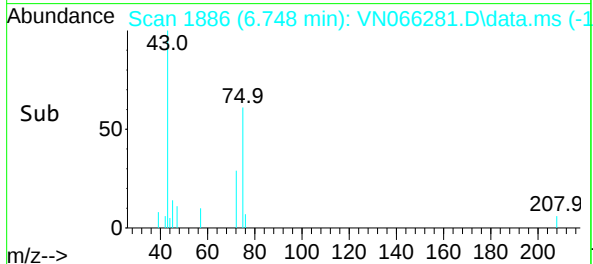
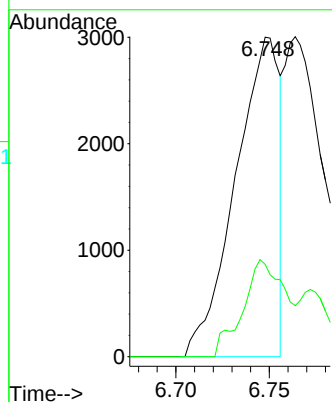
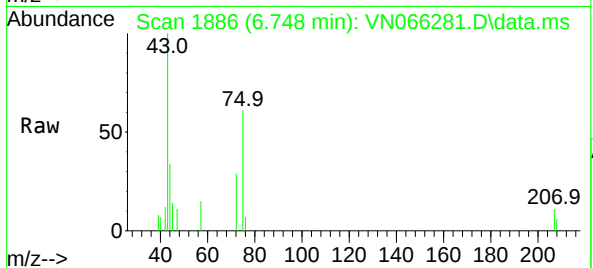




#25
2-Butanone
Concen: 1.60 ug/l
RT: 6.748 min Scan# 1886
Delta R.T. -0.000 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

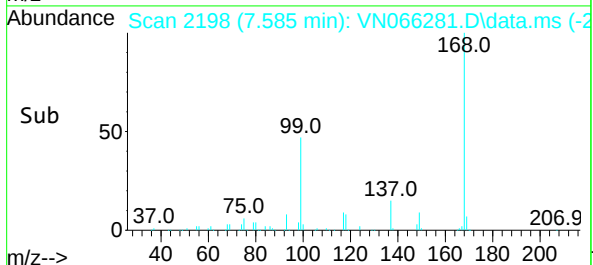
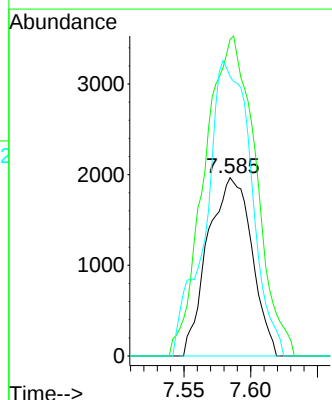
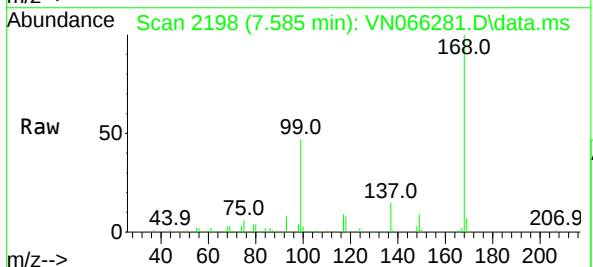
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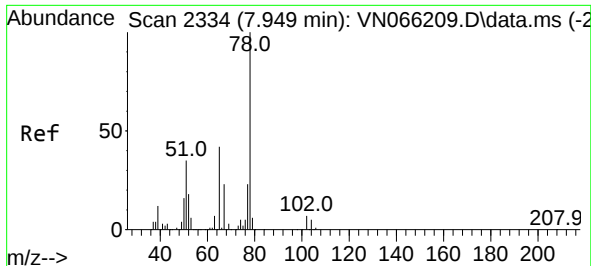
Tgt Ion: 43 Resp: 4884
Ion Ratio Lower Upper
43 100
72 28.9 16.2 24.2#



#31
Cyclohexane
Concen: 0.73 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. 0.014 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

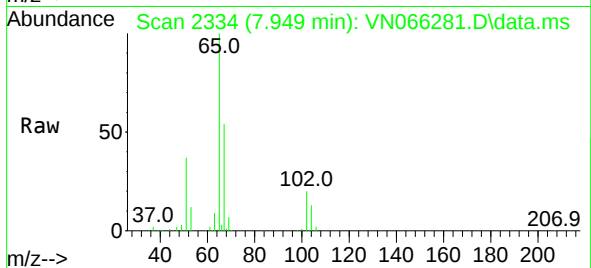
Tgt Ion: 56 Resp: 4509
Ion Ratio Lower Upper
56 100
69 162.2 23.4 35.0#
84 147.5 57.8 86.6#



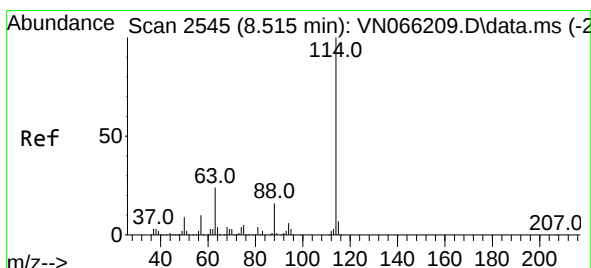
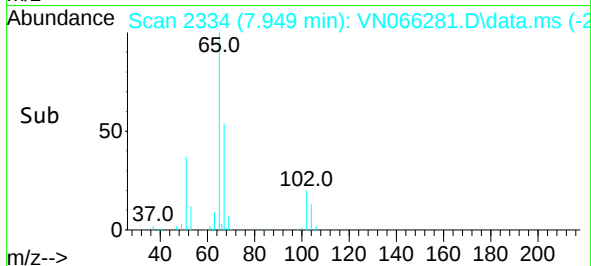
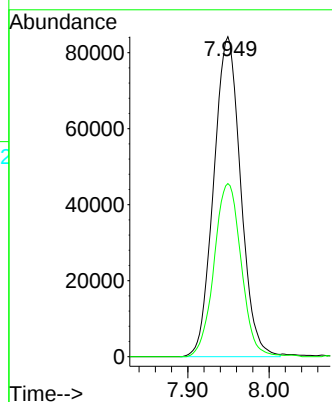


#33
1,2-Dichloroethane-d4
Concen: 47.37 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

Instrument :
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ClientSampleId :
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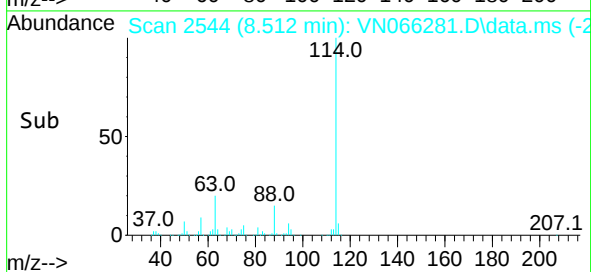
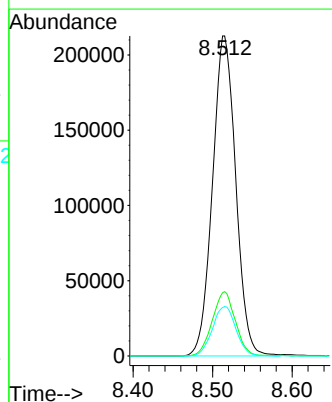
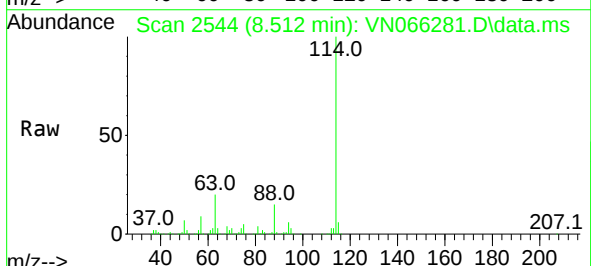


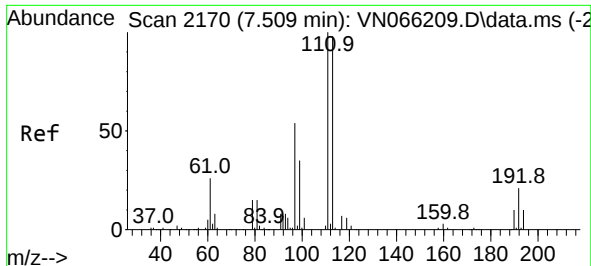
Tgt Ion: 65 Resp: 194022
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

Tgt Ion: 114 Resp: 431771
Ion Ratio Lower Upper
114 100
63 19.8 0.0 49.2
88 15.1 0.0 33.8

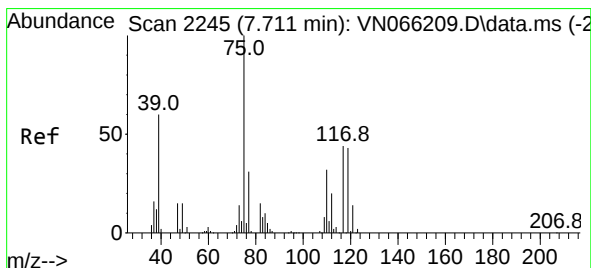
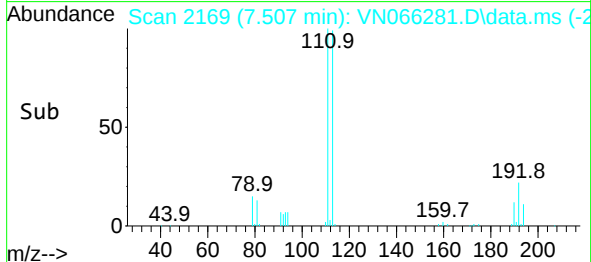
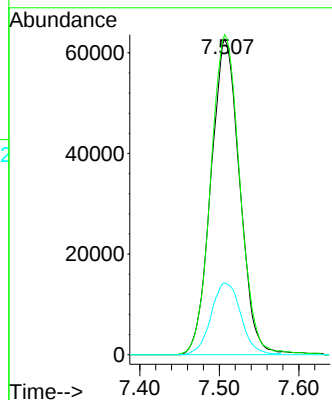
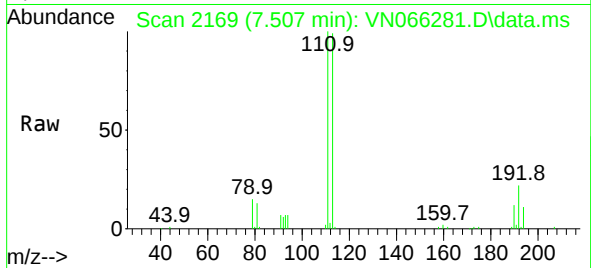




#35
Dibromofluoromethane
Concen: 56.97 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.002 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

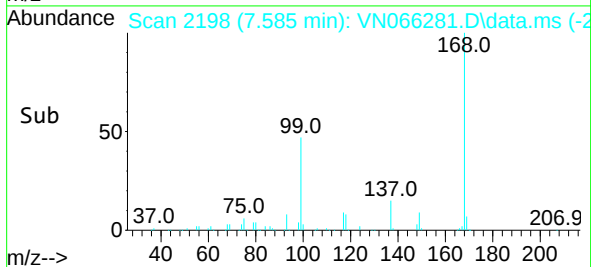
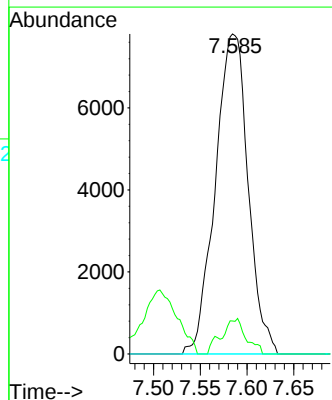
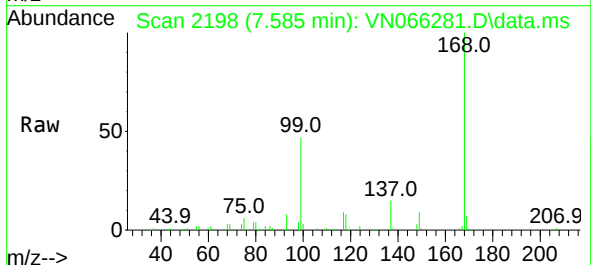
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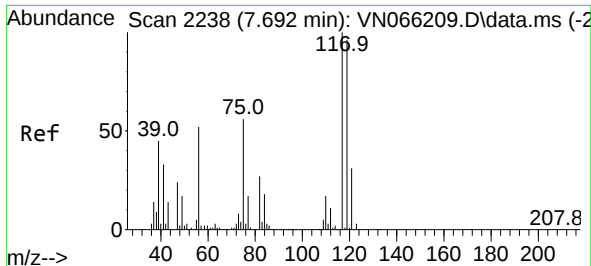
Tgt Ion:113 Resp: 156937
Ion Ratio Lower Upper
113 100
111 102.5 84.0 126.0
192 23.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.36 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.126 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

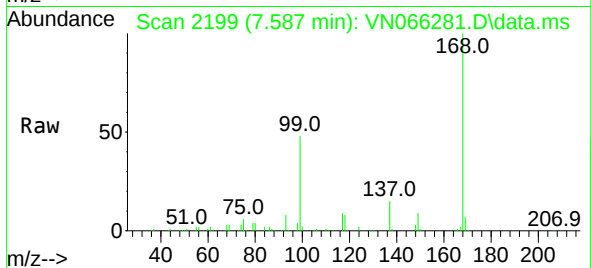
Tgt Ion: 75 Resp: 19047
Ion Ratio Lower Upper
75 100
110 6.8 16.0 48.0#
77 0.0 24.9 37.3#



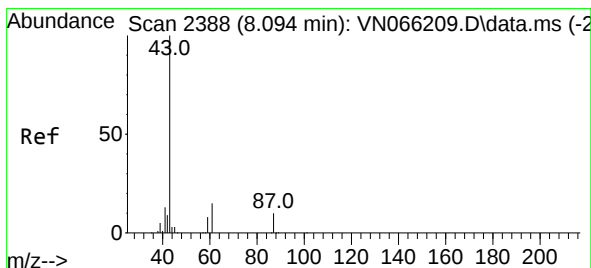
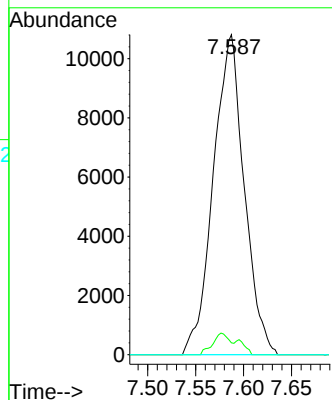
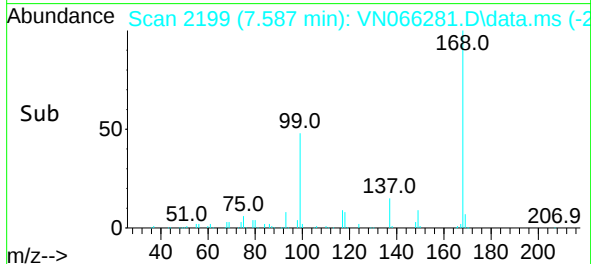


#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.105 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

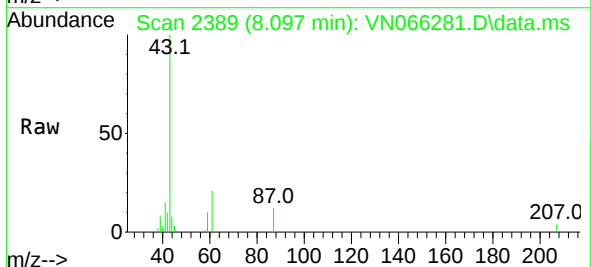
Instrument :
MSVOA_N
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ELEVATOR-510-EL-167-157



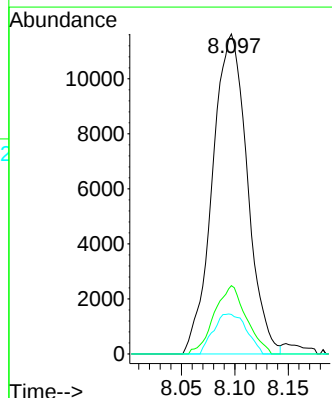
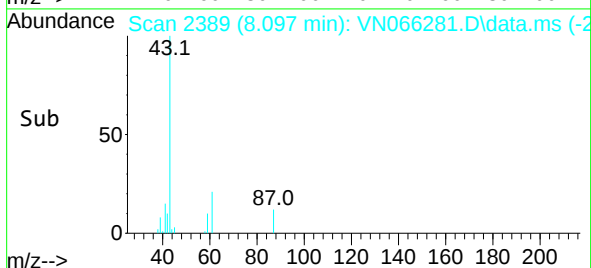
Tgt Ion:117 Resp: 24213
Ion Ratio Lower Upper
117 100
119 3.7 74.6 111.8#
121 0.0 23.9 35.9#

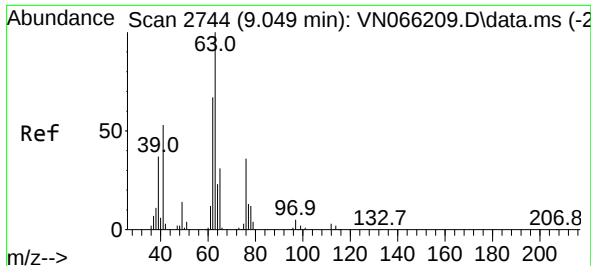


#43
Isopropyl Acetate
Concen: 2.73 ug/l
RT: 8.097 min Scan# 2389
Delta R.T. 0.003 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29



Tgt Ion: 43 Resp: 26340
Ion Ratio Lower Upper
43 100
61 19.7 14.0 21.0
87 11.8 7.9 11.9

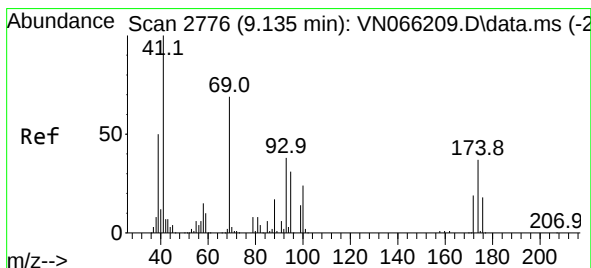
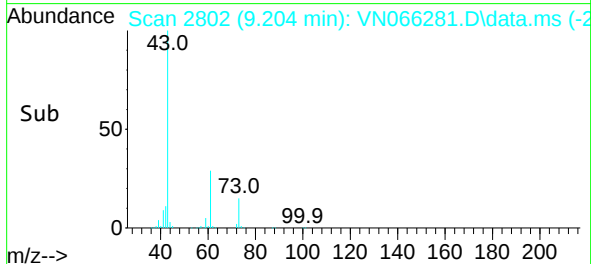
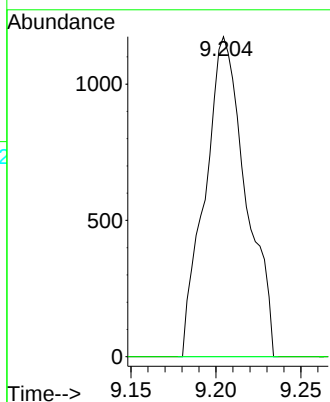
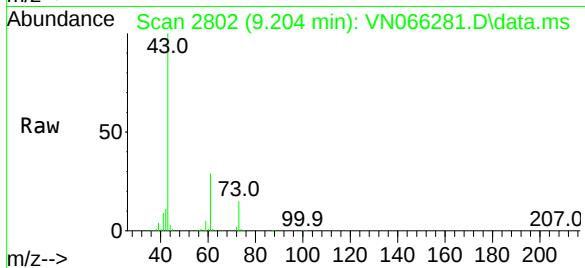




#45
1,2-Dichloropropane
Concen: 0.52 ug/l
RT: 9.204 min Scan# 2802
Delta R.T. 0.155 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

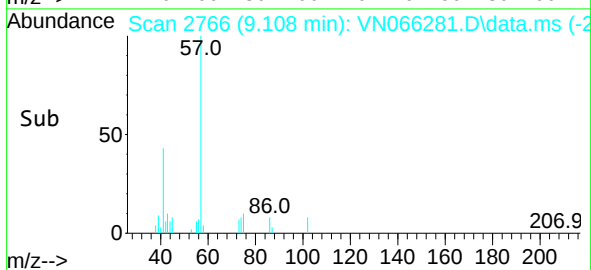
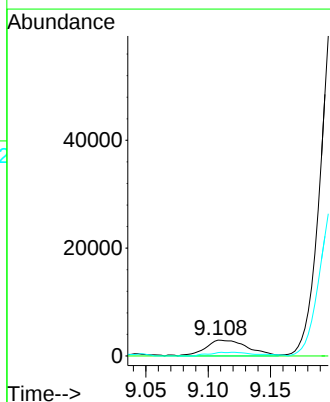
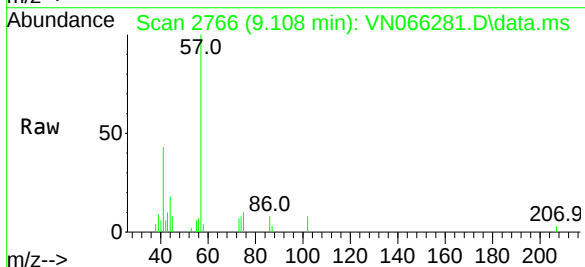
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-510-EL-167-157

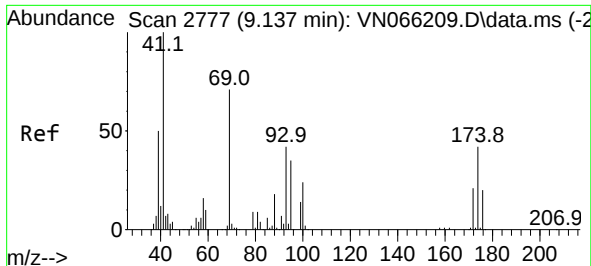
Tgt Ion: 63 Resp: 1962
Ion Ratio Lower Upper
63 100
65 0.0 24.6 37.0#



#48
Methyl methacrylate
Concen: 1.51 ug/l
RT: 9.108 min Scan# 2766
Delta R.T. -0.027 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

Tgt Ion: 41 Resp: 6901
Ion Ratio Lower Upper
41 100
69 0.0 54.7 82.1#
39 0.0 40.2 60.2#

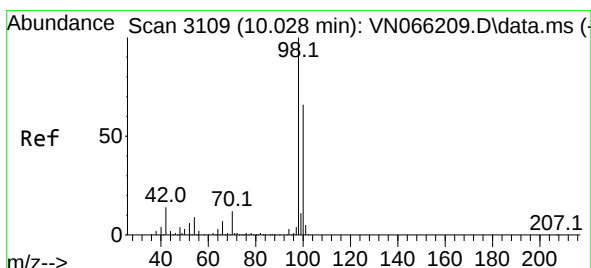
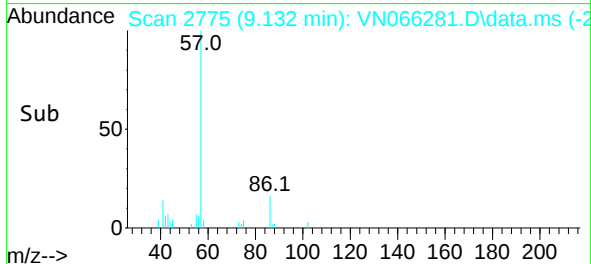
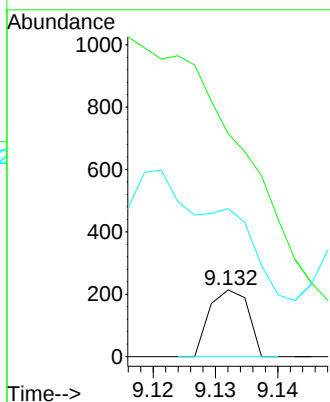
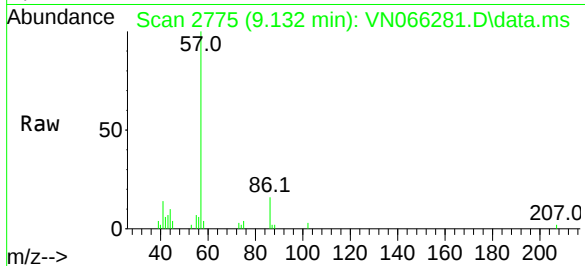




#49
1,4-Dioxane
Concen: 1.85 ug/l
RT: 9.132 min Scan# 2775
Delta R.T. -0.005 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

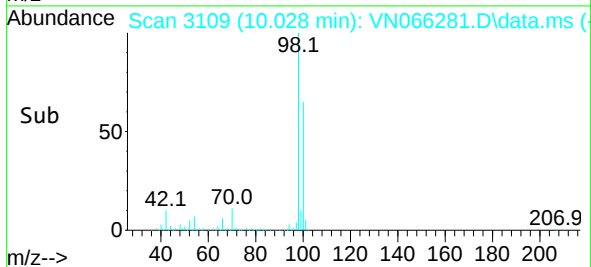
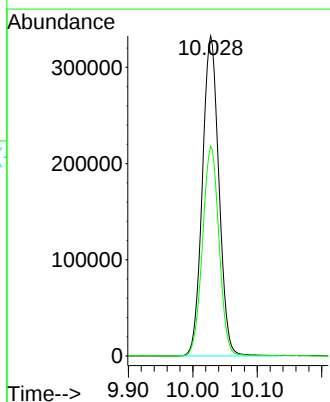
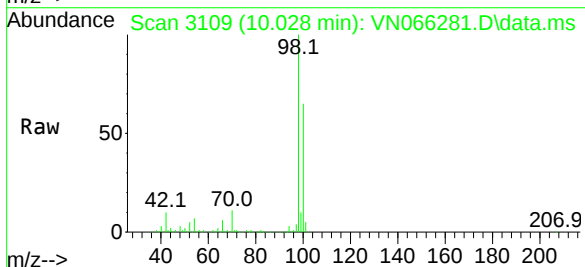
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-510-EL-167-157

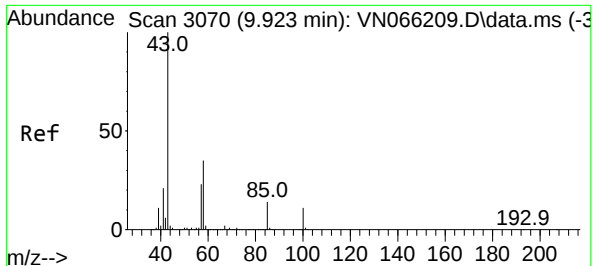
Tgt Ion: 88 Resp: 92
Ion Ratio Lower Upper
88 100
43 0.0 34.4 51.6#
58 1008.7 67.3 100.9#



#50
Toluene-d8
Concen: 55.64 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

Tgt Ion: 98 Resp: 592604
Ion Ratio Lower Upper
98 100
100 65.3 51.0 76.6

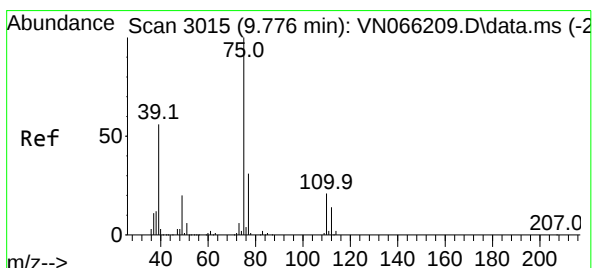
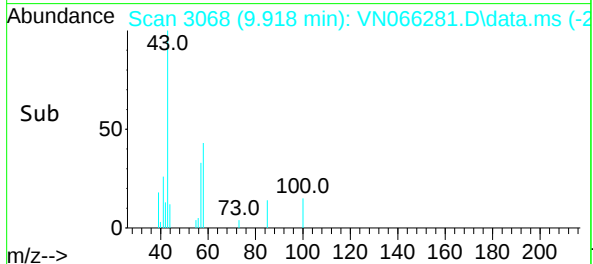
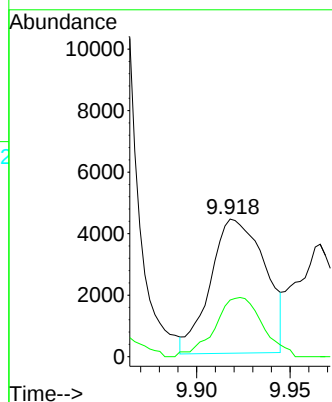
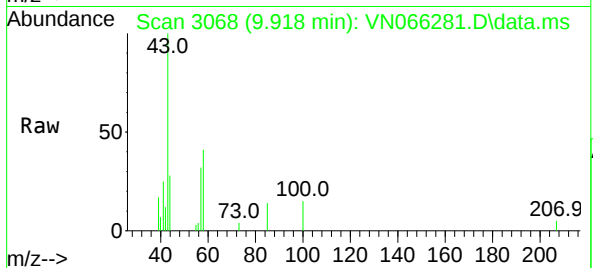




#51
4-Methyl-2-Pentanone
Concen: 1.52 ug/l
RT: 9.918 min Scan# 3068
Delta R.T. -0.005 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

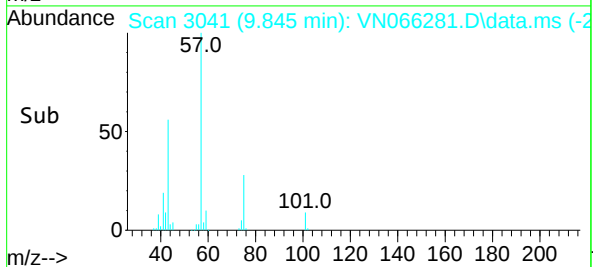
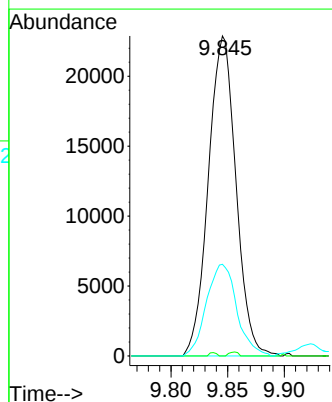
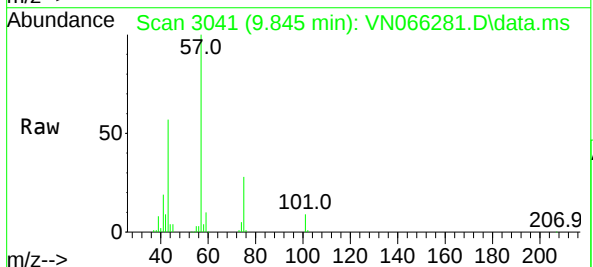
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-510-EL-167-157

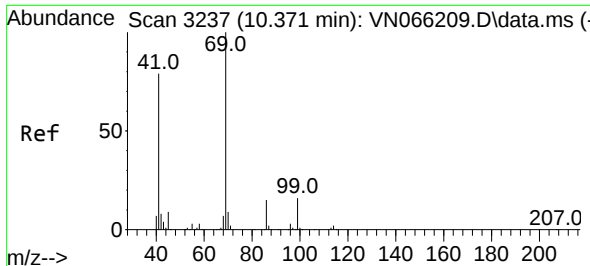
Tgt Ion: 43 Resp: 8855
Ion Ratio Lower Upper
43 100
58 38.5 27.5 41.3



#54
cis-1,3-Dichloropropene
Concen: 6.83 ug/l
RT: 9.845 min Scan# 3041
Delta R.T. 0.069 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

Tgt Ion: 75 Resp: 38736
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 28.7 46.2 69.2#

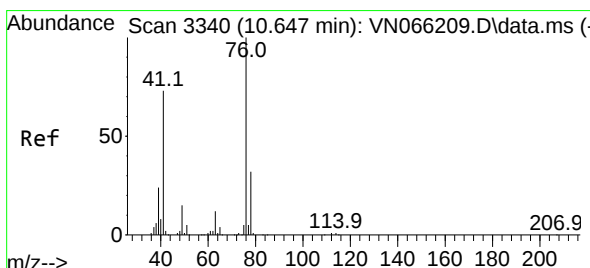
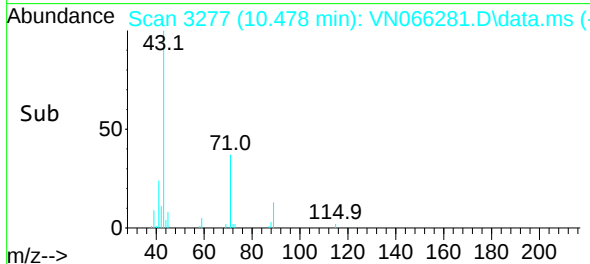
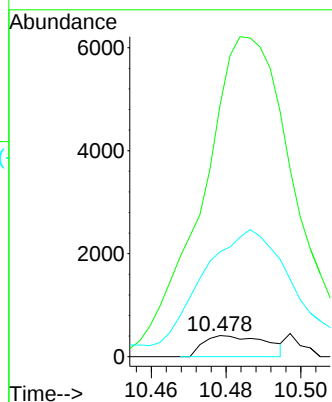
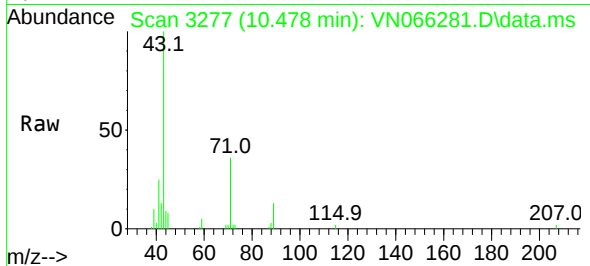




#56
Ethyl methacrylate
Concen: 2.24 ug/l
RT: 10.478 min Scan# 3277
Delta R.T. 0.107 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

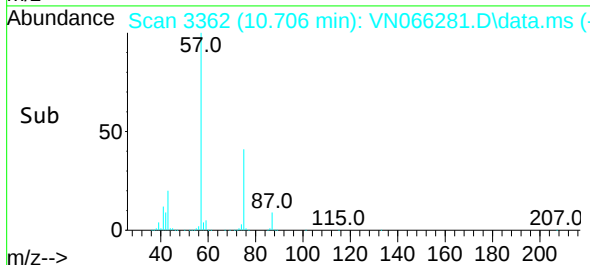
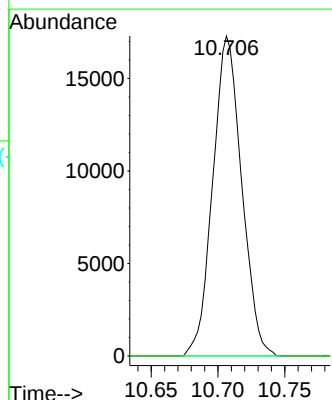
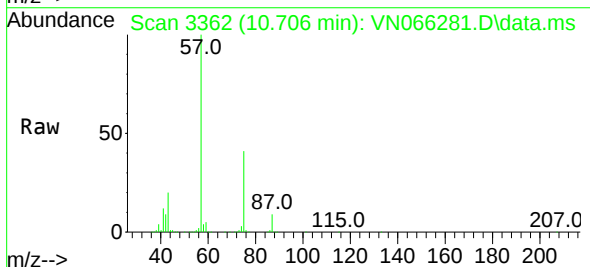
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-510-EL-167-157

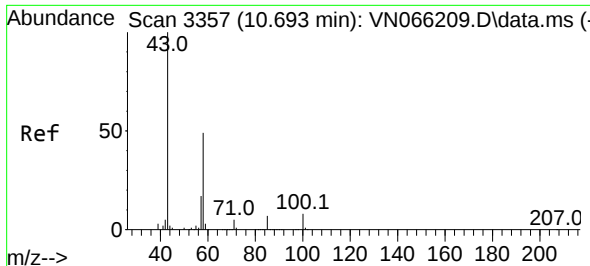
Tgt Ion: 69 Resp: 474
Ion Ratio Lower Upper
69 100
41 2294.5 66.2 99.4#
39 989.9 31.5 47.3#



#57
1,3-Dichloropropane
Concen: 4.62 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.059 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

Tgt Ion: 76 Resp: 25997
Ion Ratio Lower Upper
76 100
78 0.0 25.4 38.2#

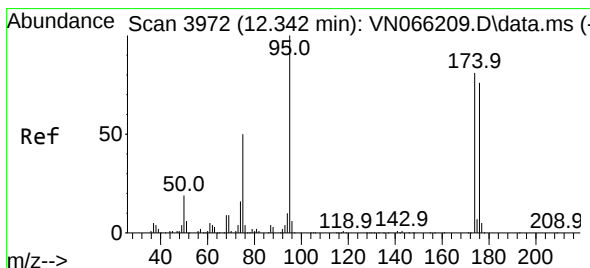
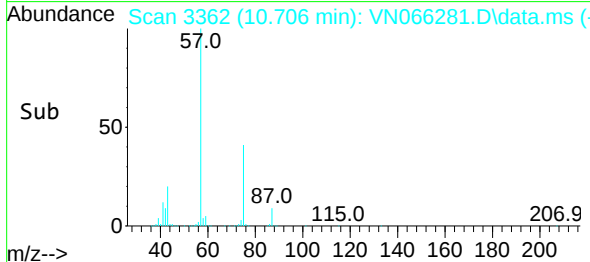
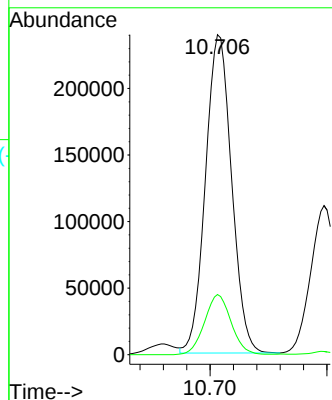
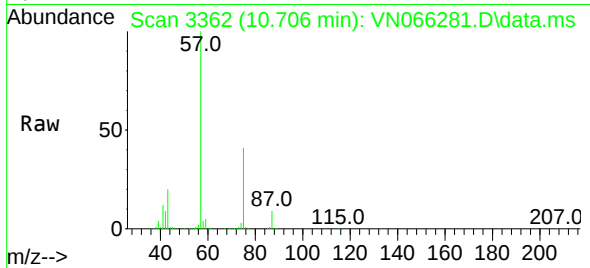




#59
2-Hexanone
Concen: 82.23 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.013 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

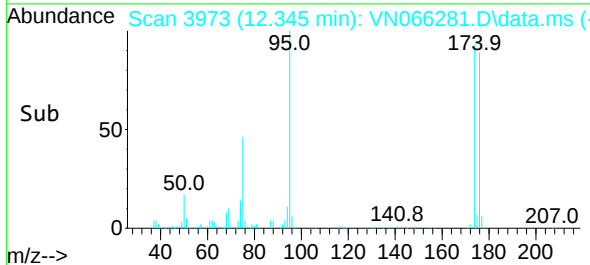
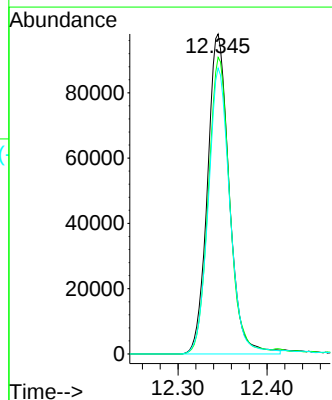
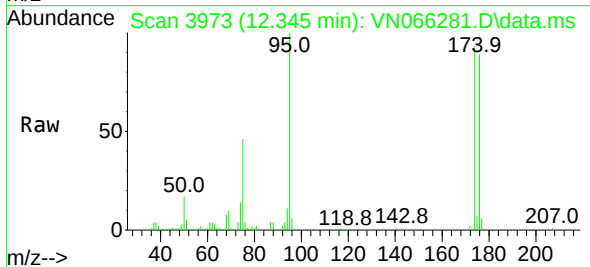
Instrument :
MSVOA_N
ClientSampleId :
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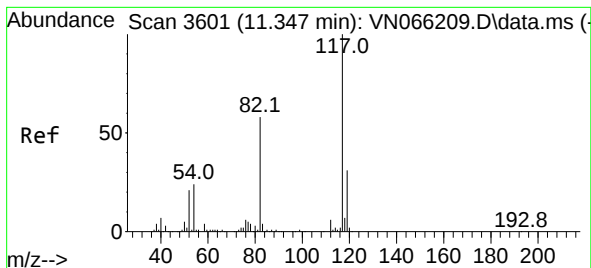
Tgt Ion: 43 Resp: 371352
Ion Ratio Lower Upper
43 100
58 19.3 23.8 71.5#



#62
4-Bromofluorobenzene
Concen: 43.27 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

Tgt Ion: 95 Resp: 166094
Ion Ratio Lower Upper
95 100
174 91.3 0.0 162.4
176 88.8 0.0 156.2

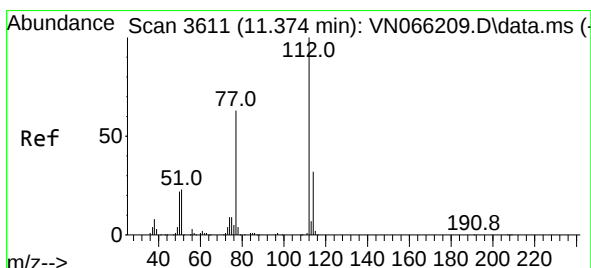
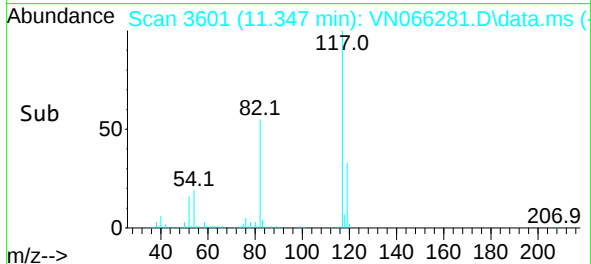
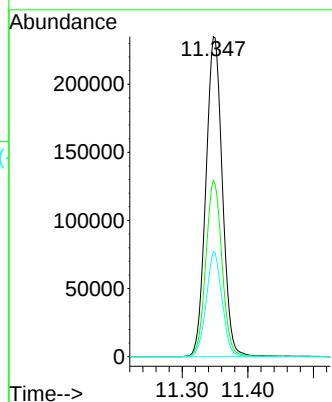
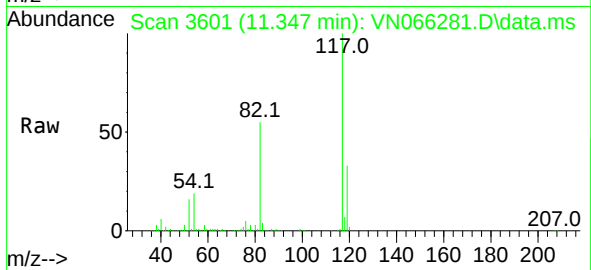




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

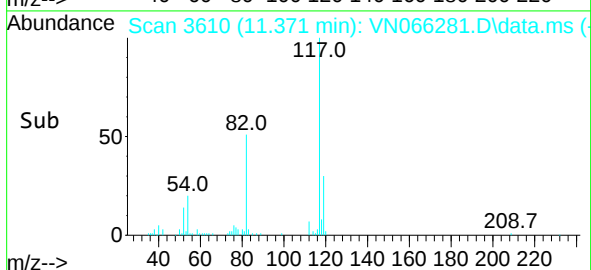
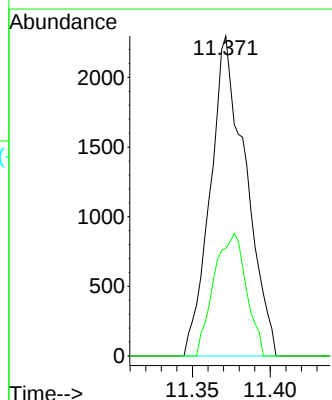
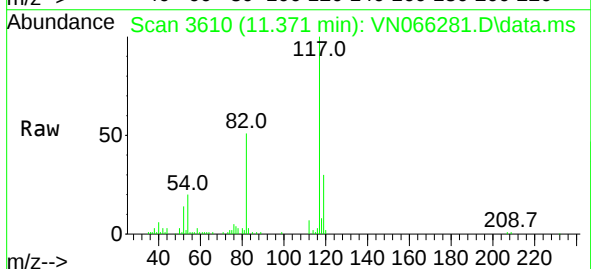
Instrument :
MSVOA_N
ClientSampleId :
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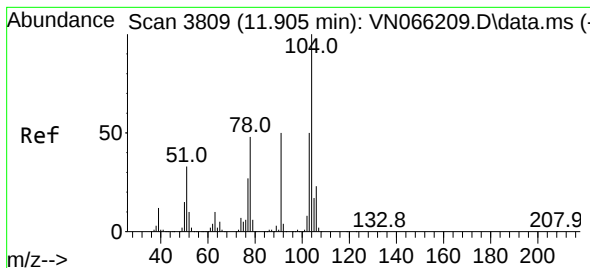
Tgt Ion:117 Resp: 409497
Ion Ratio Lower Upper
117 100
82 55.1 49.0 73.6
119 32.8 25.7 38.5



#65
Chlorobenzene
Concen: 0.44 ug/l
RT: 11.371 min Scan# 3610
Delta R.T. -0.003 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

Tgt Ion:112 Resp: 3625
Ion Ratio Lower Upper
112 100
114 33.6 25.4 38.0





#70

Styrene

Concen: 2.15 ug/l

RT: 11.905 min Scan# 3809

Delta R.T. 0.000 min

Lab File: VN066281.D

Acq: 19 Mar 2021 15:29

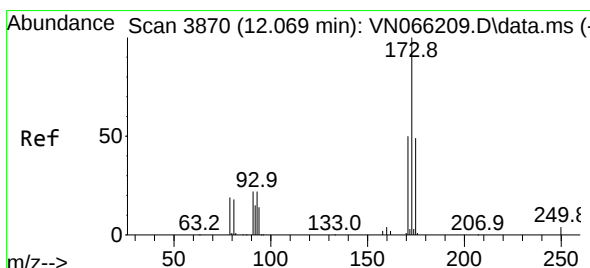
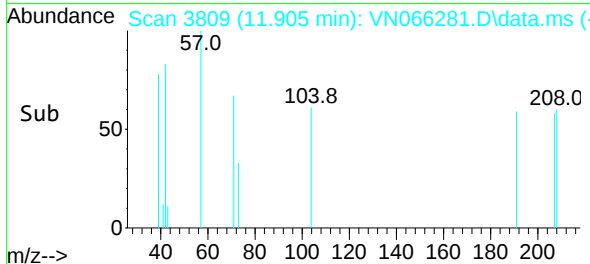
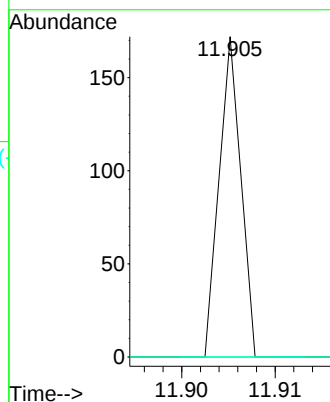
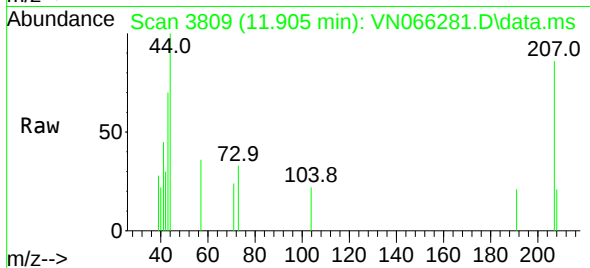
Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:	104	Resp:	28
Ion	Ratio	Lower	Upper
104	100		
78	0.0	43.8	65.6#
103	0.0	43.7	65.5#



#71

Bromoform

Concen: 0.30 ug/l

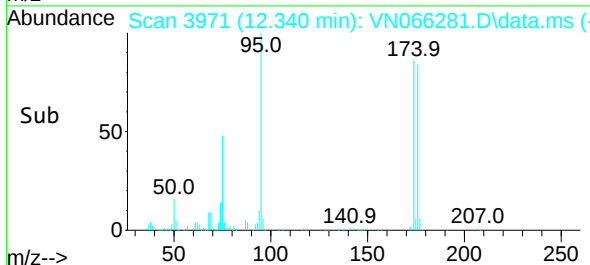
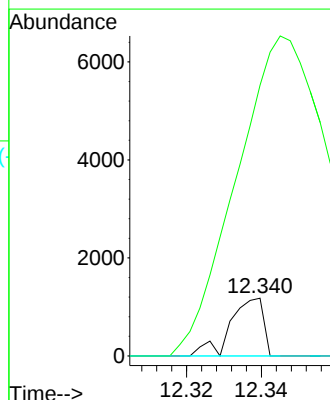
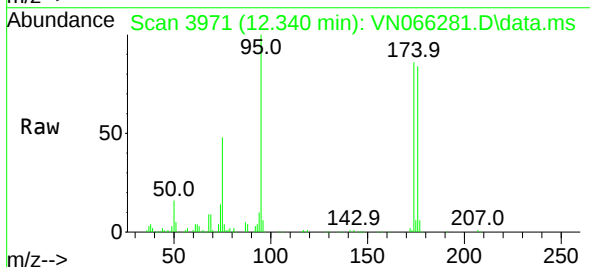
RT: 12.340 min Scan# 3971

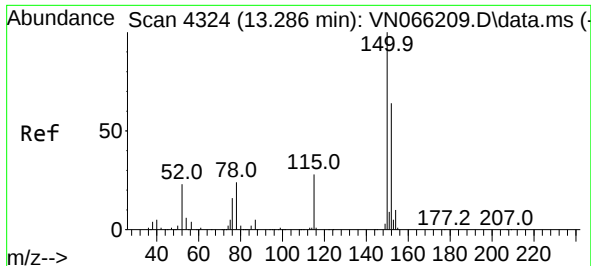
Delta R.T. 0.271 min

Lab File: VN066281.D

Acq: 19 Mar 2021 15:29

Tgt Ion:	173	Resp:	722
Ion	Ratio	Lower	Upper
173	100		
175	1388.8	23.9	71.8#
254	0.0	0.0	0.0

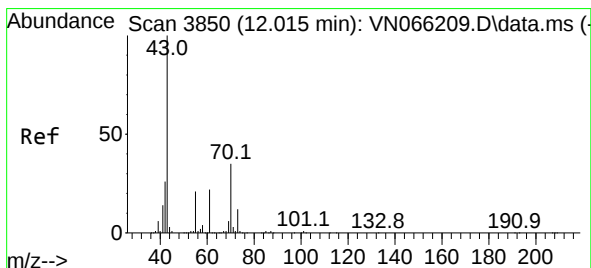
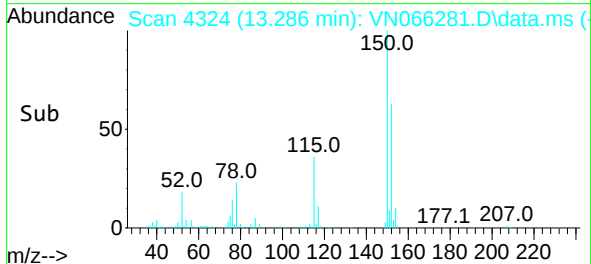
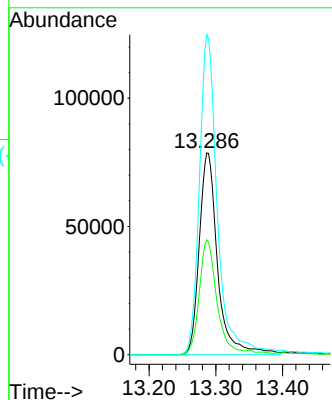
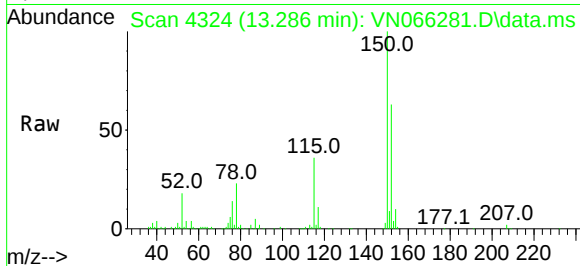




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

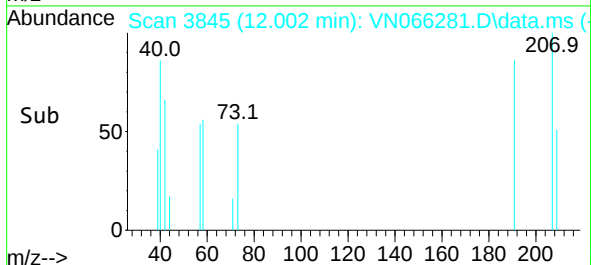
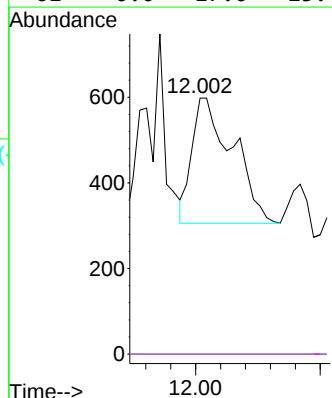
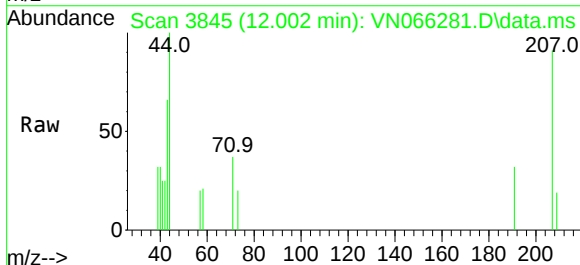
Instrument :
MSVOA_N
ClientSampleId :
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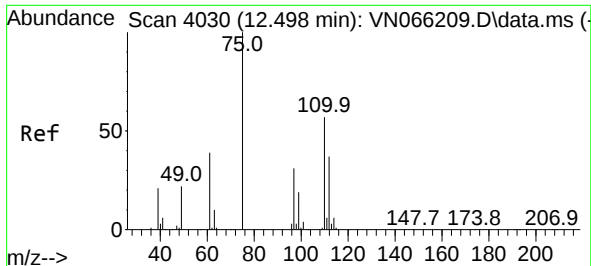
Tgt Ion:152 Resp: 150530
Ion Ratio Lower Upper
152 100
115 54.1 29.4 88.3
150 155.6 0.0 352.2



#74
N-ethyl acetate
Concen: 2.21 ug/l
RT: 12.002 min Scan# 3845
Delta R.T. -0.013 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
70 0.0 26.2 39.4#
55 0.0 17.2 25.8#
61 0.0 17.0 25.4#

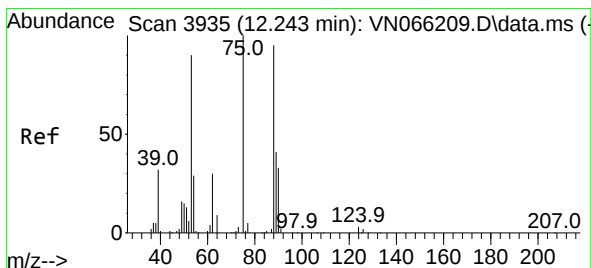
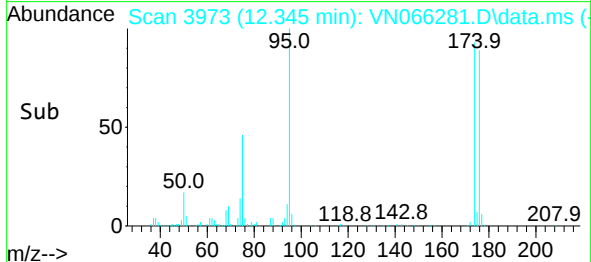
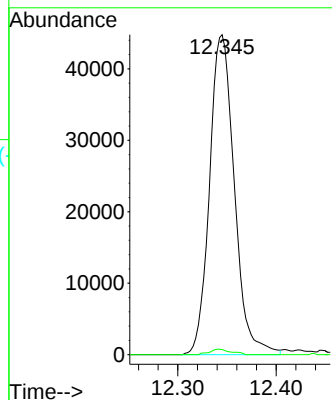
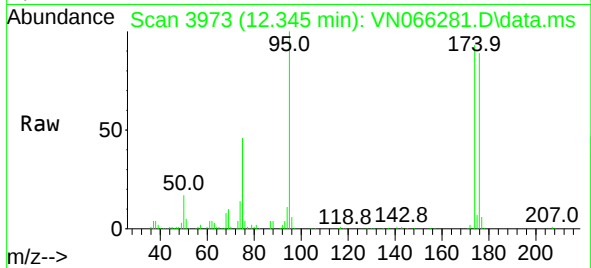




#76
1,2,3-Trichloropropane
Concen: 20.23 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

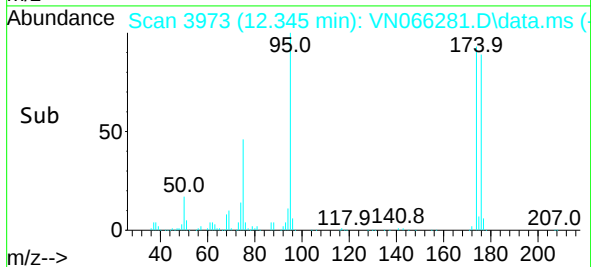
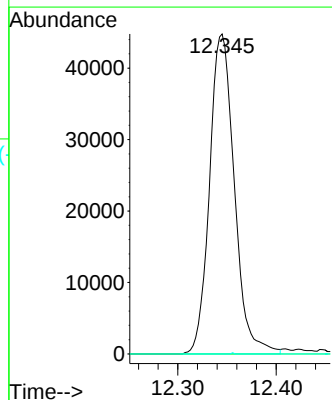
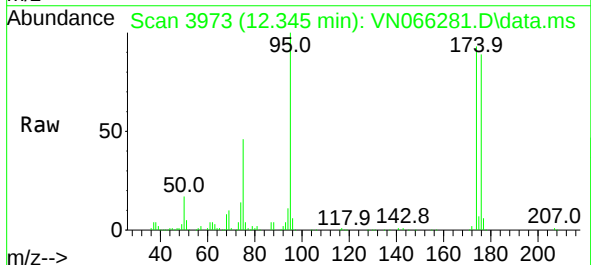
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-510-EL-167-157

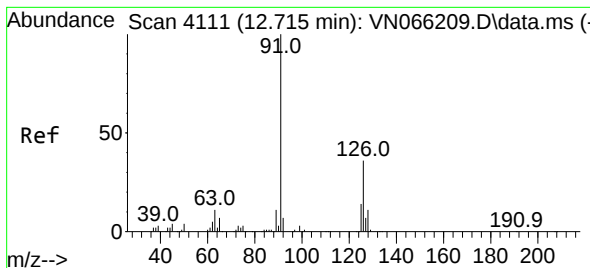
Tgt Ion: 75 Resp: 78629
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.53 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

Tgt Ion: 75 Resp: 78629
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.6#
89 0.0 33.7 50.5#

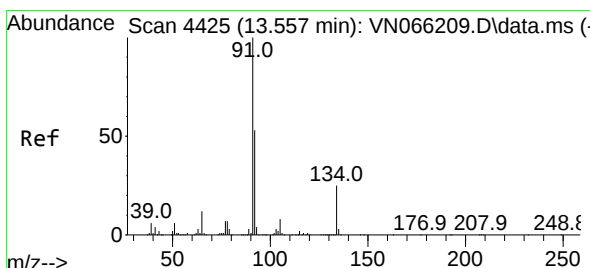
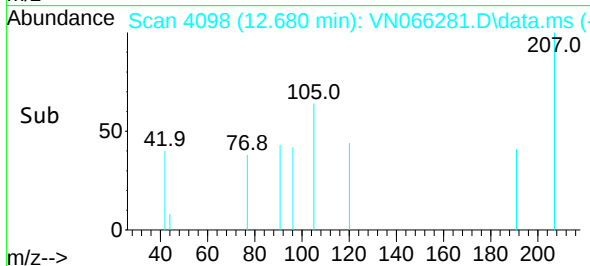
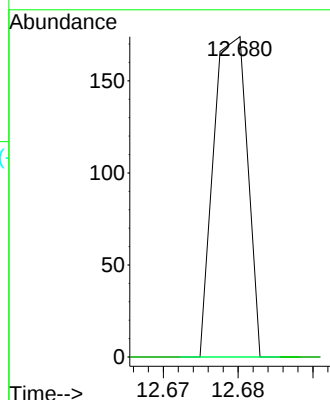
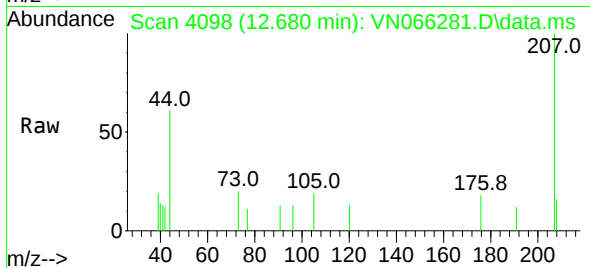




#82
4-Chlorotoluene
Concen: 0.47 ug/l
RT: 12.680 min Scan# 4098
Delta R.T. -0.035 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

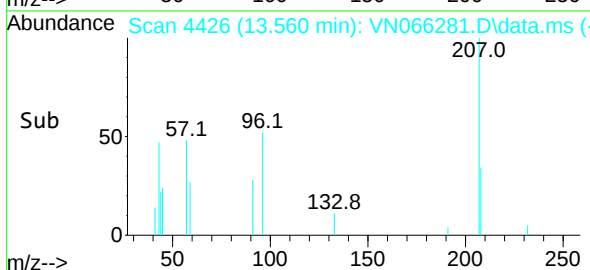
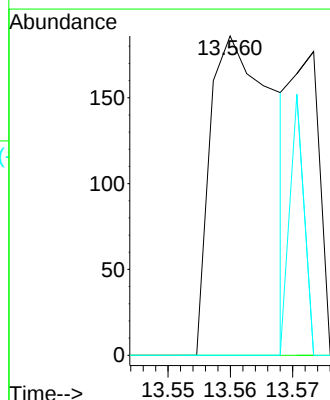
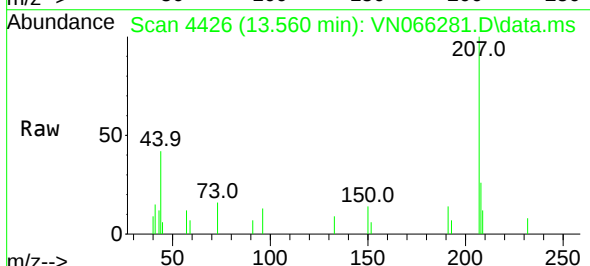
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-510-EL-167-157

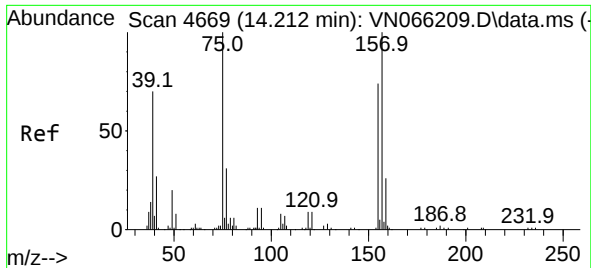
Tgt Ion: 91 Resp: 55
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#



#89
n-Butylbenzene
Concen: 2.25 ug/l
RT: 13.560 min Scan# 4426
Delta R.T. 0.003 min
Lab File: VN066281.D
Acq: 19 Mar 2021 15:29

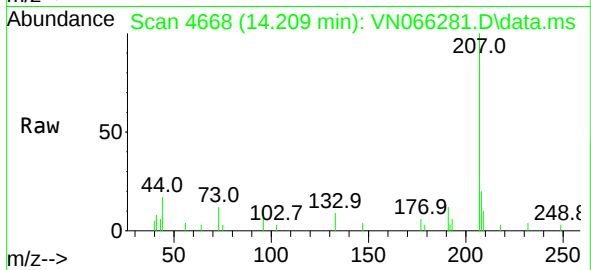
Tgt Ion: 91 Resp: 132
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 18.2 11.8 35.4





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.90 ug/l
 RT: 14.209 min Scan# 4668
 Delta R.T. -0.003 min
 Lab File: VN066281.D
 Acq: 19 Mar 2021 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ELEVATOR-510-EL-167-157



Tgt Ion: 75	Resp:	52
Ion Ratio	Lower	Upper
75	100	
155	0.0	36.5 109.7#
157	0.0	46.3 138.8#

