

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
 Data File : VN066456.D
 Acq On : 1 Apr 2021 15:24
 Operator : JC/MD
 Sample : M1836-06
 Misc : 10.09g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B3-10-12

Quant Time: Apr 02 04:51:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

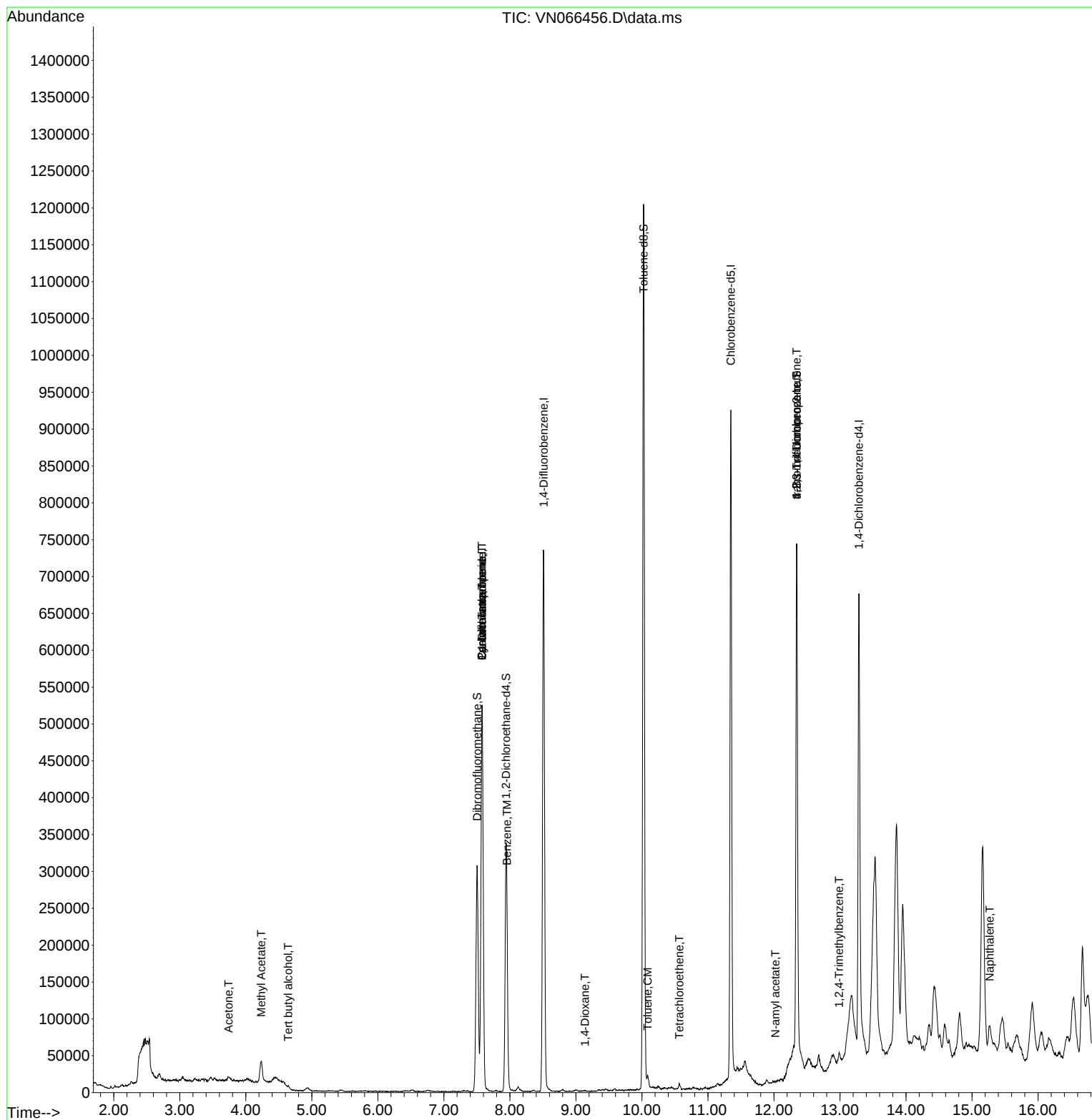
Internal Standards						
1) Pentafluorobenzene	7.579	168	459635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	672273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	533310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	209706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	276693	45.28	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.56%		
35) Dibromofluoromethane	7.504	113	226446	50.81	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.62%		
50) Toluene-d8	10.025	98	826440	48.89	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.78%		
62) 4-Bromofluorobenzene	12.345	95	235484	40.11	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	80.22%#		
Target Compounds						Qvalue
3) Chloromethane	2.017	50	2500	Below Cal		95
11) Tert butyl alcohol	4.642	59	2690	2.89 ug/l #		87
13) Acrolein	3.519	56	3886	Below Cal #		29
16) Acetone	3.738	43	8257	2.50 ug/l		91
18) Methyl Acetate	4.235	43	52707	6.11 ug/l		96
20) Methylene Chloride	4.446	84	2006	Below Cal #		69
31) Cyclohexane	7.579	56	9085	1.07 ug/l #		1
36) 1,1-Dichloropropene	7.579	75	31214	4.94 ug/l #		48
38) Carbon Tetrachloride	7.579	117	40355	6.36 ug/l #		16
40) Benzene	7.957	78	7780	0.41 ug/l		99
49) 1,4-Dioxane	9.137	88	77	1.08 ug/l #		1
52) Toluene	10.087	92	4718	0.40 ug/l		90
64) Tetrachloroethene	10.567	164	1049	0.23 ug/l #		85
74) N-amyl acetate	12.023	43	37	3.20 ug/l #		1
76) 1,2,3-Trichloropropane	12.345	75	118474	25.75 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.345	75	118474	77.43 ug/l #		12
84) 1,2,4-Trimethylbenzene	12.989	105	8925	0.72 ug/l		100
95) Naphthalene	15.268	128	43448	4.66 ug/l #		93

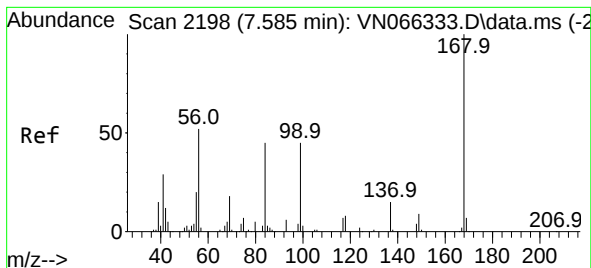
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 01 14:08:22 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.579 min Scan# 2196

Delta R.T. 0.000 min

Lab File: VN066456.D

Acq: 1 Apr 2021 15:24

Instrument :

MSVOA_N

ClientSampleId :

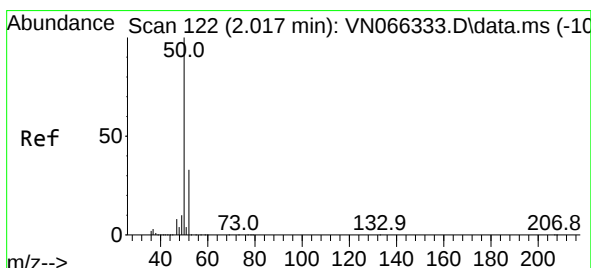
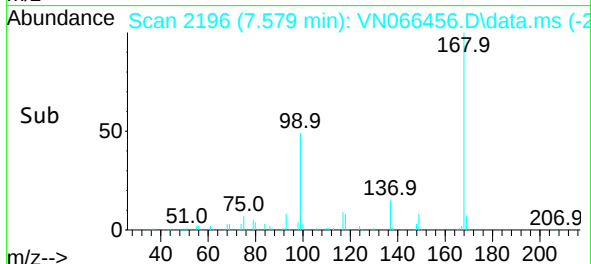
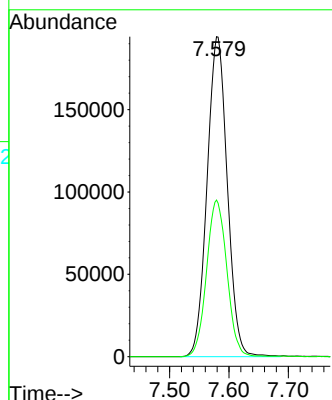
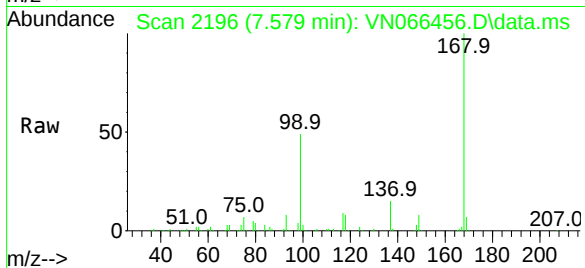
B3-10-12

Tgt Ion:168 Resp: 459635

Ion Ratio Lower Upper

168 100

99 49.0 41.1 61.7



#3

Chloromethane

Concen: Below Cal

RT: 2.017 min Scan# 122

Delta R.T. -0.000 min

Lab File: VN066456.D

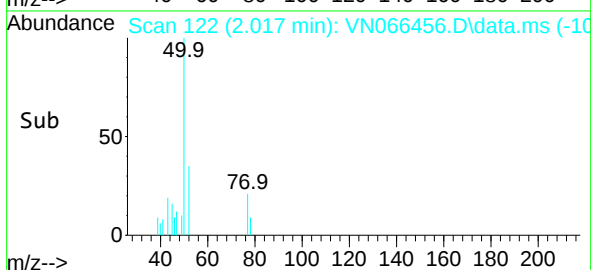
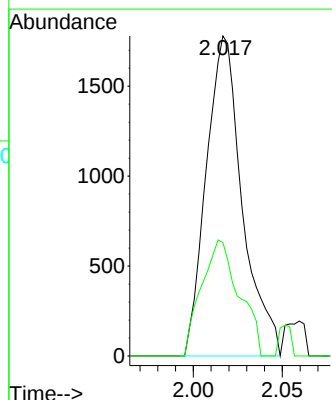
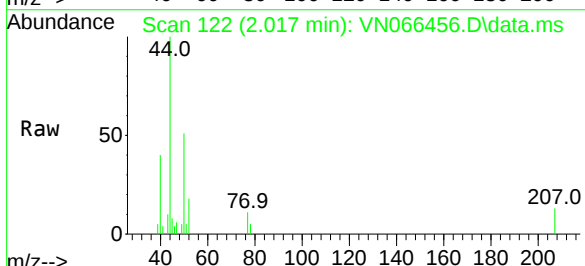
Acq: 1 Apr 2021 15:24

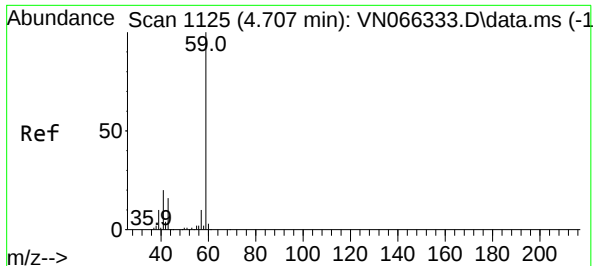
Tgt Ion: 50 Resp: 2500

Ion Ratio Lower Upper

50 100

52 35.5 26.2 39.2



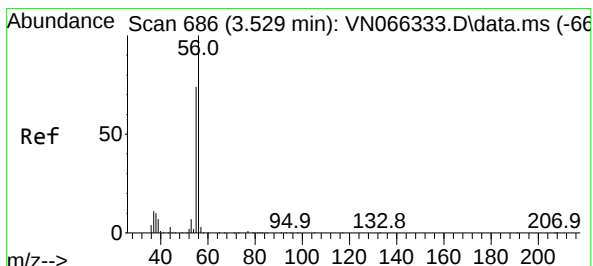
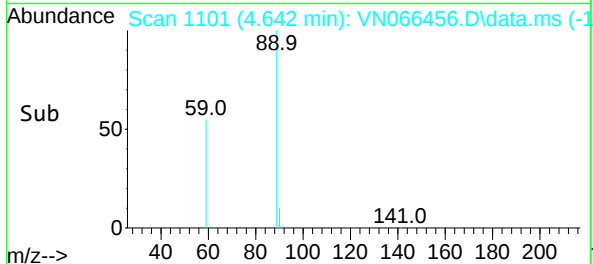
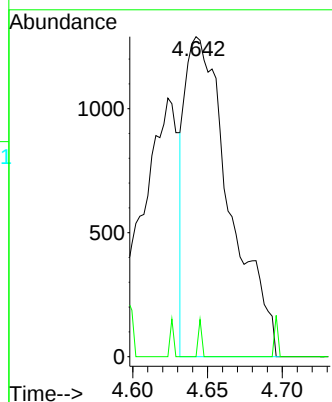
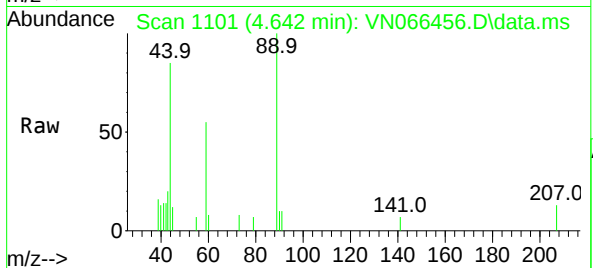


#11

Tert butyl alcohol
Concen: 2.89 ug/l
RT: 4.642 min Scan# 1101
Delta R.T. -0.059 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

Instrument :
MSVOA_N
ClientSampled :
B3-10-12

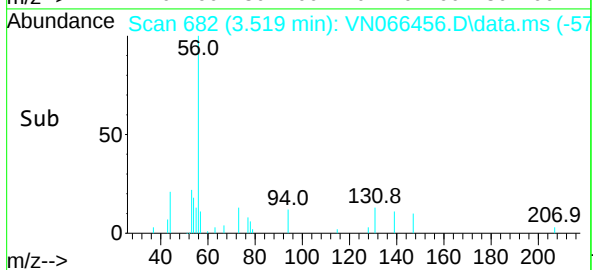
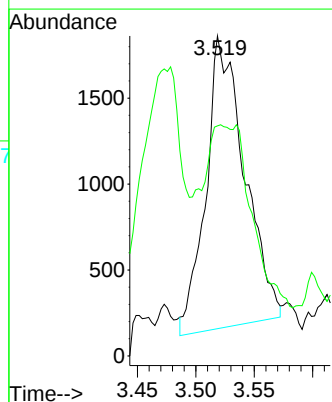
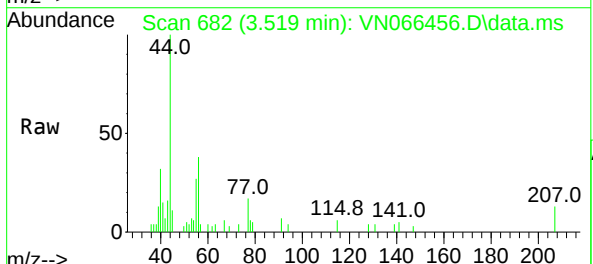
Tgt Ion: 59 Resp: 2690
Ion Ratio Lower Upper
59 100
57 0.9 4.1 6.1#

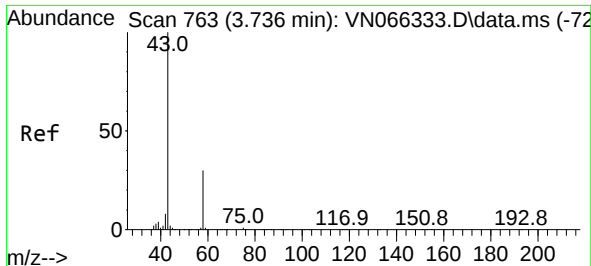


#13

Acrolein
Concen: Below Cal
RT: 3.519 min Scan# 682
Delta R.T. -0.008 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

Tgt Ion: 56 Resp: 3886
Ion Ratio Lower Upper
56 100
55 12.7 57.9 86.9#

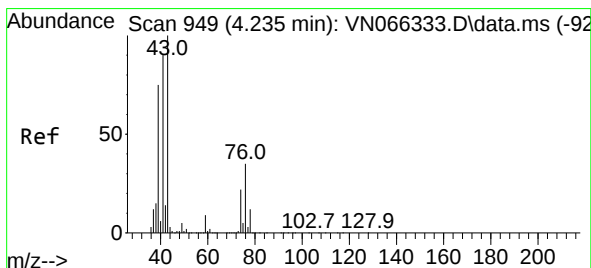
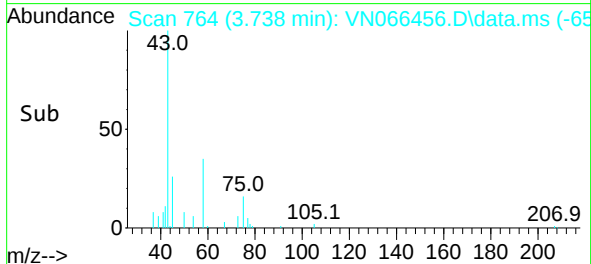
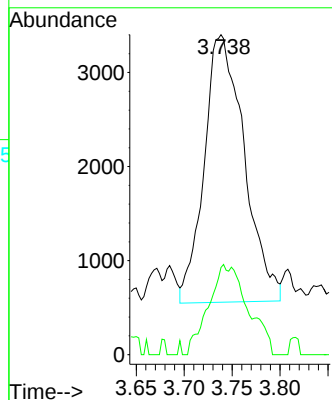
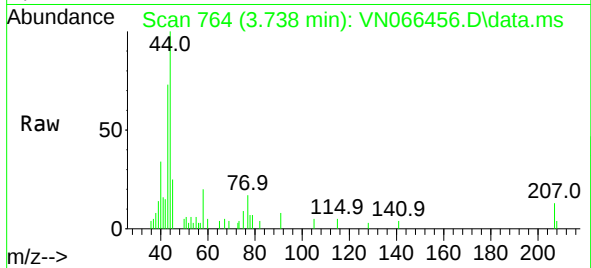




#16
Acetone
Concen: 2.50 ug/l
RT: 3.738 min Scan# 764
Delta R.T. 0.005 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

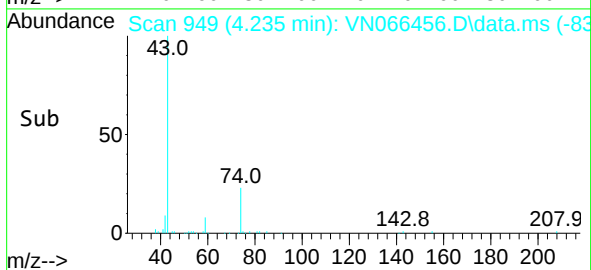
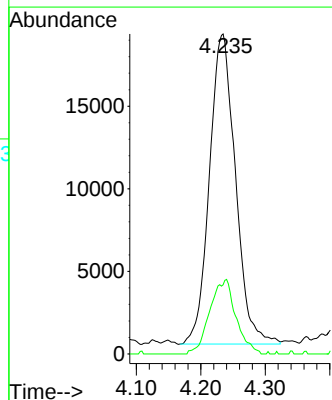
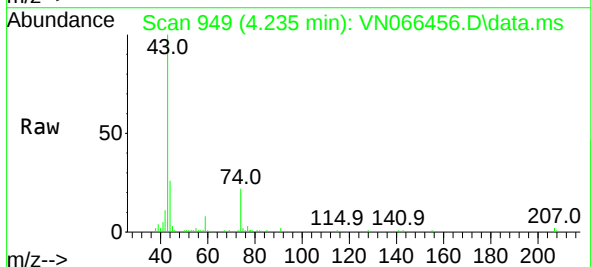
Instrument :
MSVOA_N
ClientSampleId :
B3-10-12

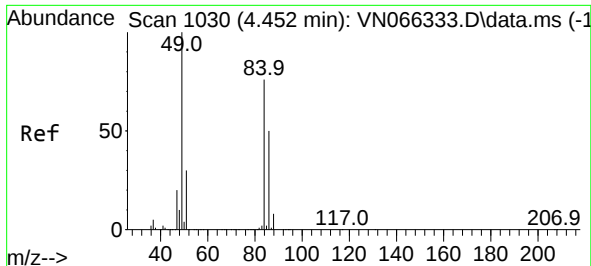
Tgt Ion: 43 Resp: 8257
Ion Ratio Lower Upper
43 100
58 34.4 23.8 35.8



#18
Methyl Acetate
Concen: 6.11 ug/l
RT: 4.235 min Scan# 949
Delta R.T. 0.005 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

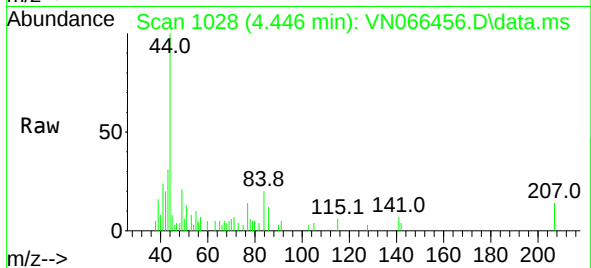
Tgt Ion: 43 Resp: 52707
Ion Ratio Lower Upper
43 100
74 24.1 17.6 26.4





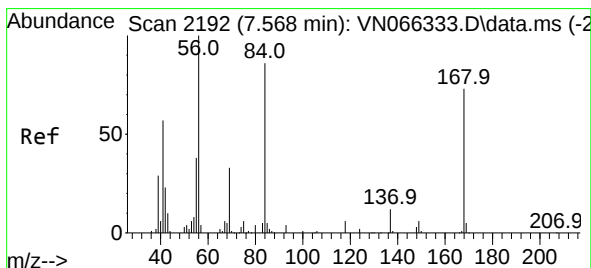
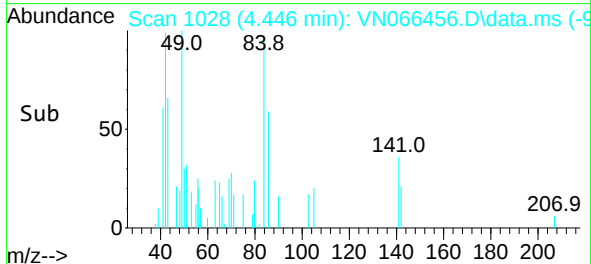
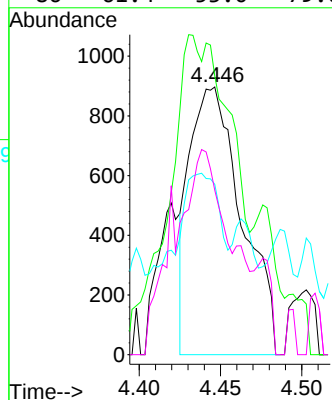
#20
Methylene Chloride
Concen: Below Cal
RT: 4.446 min Scan# 1028
Delta R.T. -0.000 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

Instrument :
MSVOA_N
ClientSampled :
B3-10-12



Tgt Ion: 84 Resp: 2006

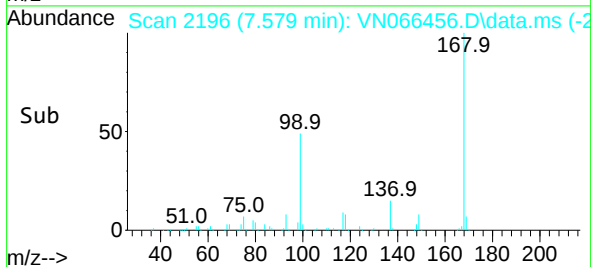
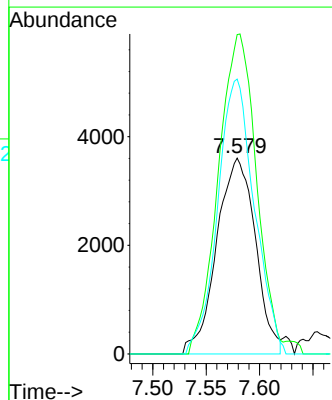
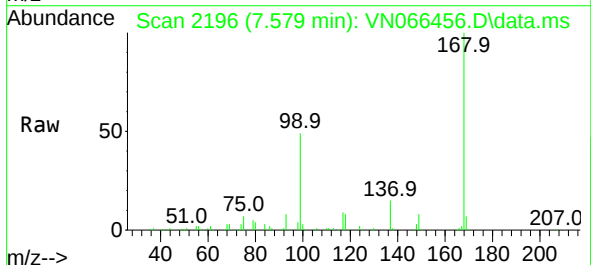
Ion	Ratio	Lower	Upper
84	100		
49	80.3	105.0	157.6#
51	20.0	31.6	47.4#
86	61.4	53.0	79.6

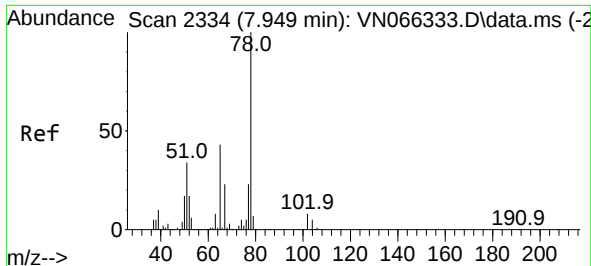


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.013 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

Tgt Ion: 56 Resp: 9085

Ion	Ratio	Lower	Upper
56	100		
69	163.0	26.6	40.0#
84	140.3	68.7	103.1#

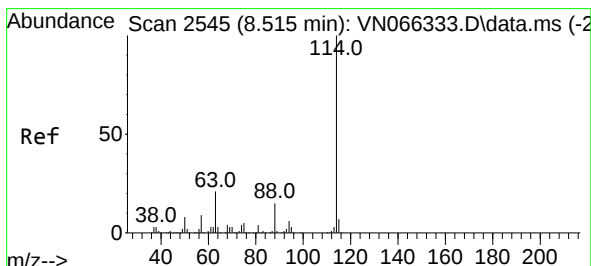
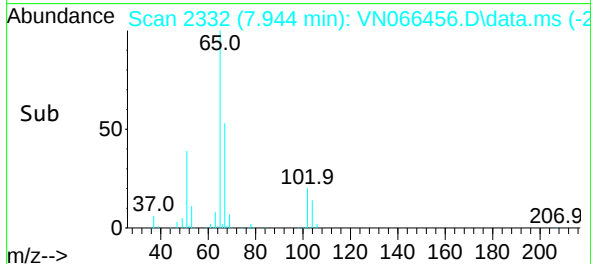
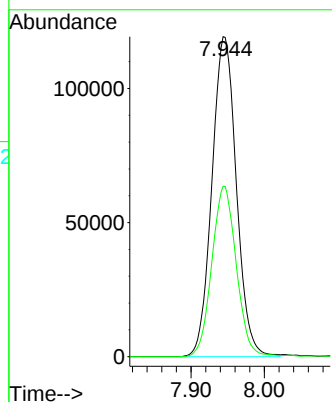
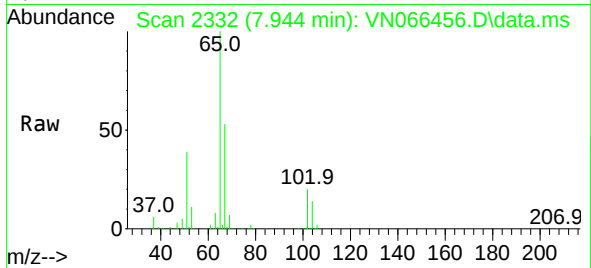




#33
 1,2-Dichloroethane-d4
 Concen: 45.28 ug/l
 RT: 7.944 min Scan# 2332
 Delta R.T. -0.000 min
 Lab File: VN066456.D
 Acq: 1 Apr 2021 15:24

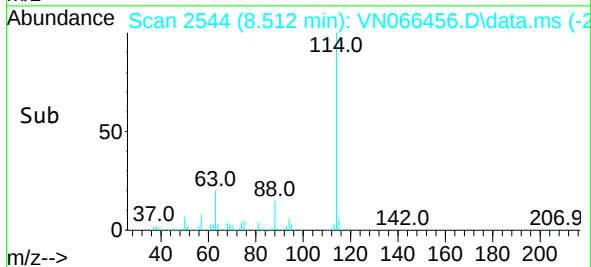
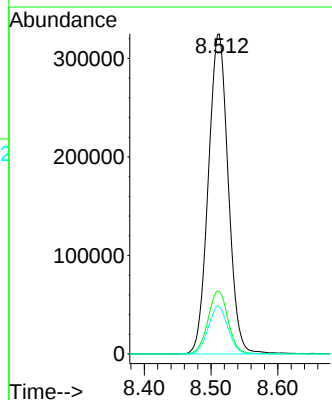
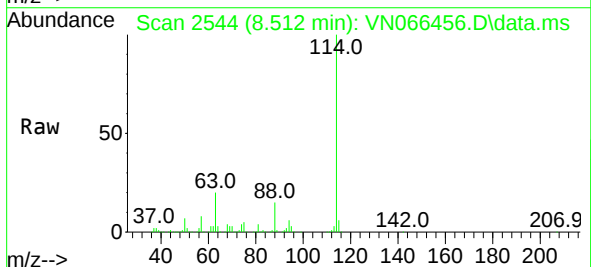
Instrument :
 MSVOA_N
 ClientSampleId :
 B3-10-12

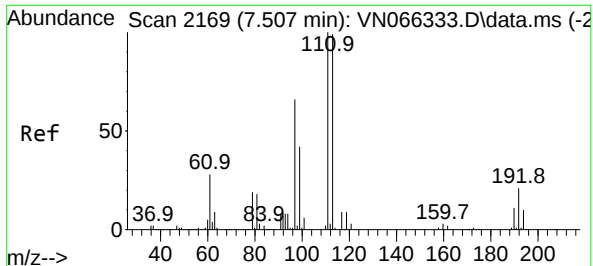
Tgt Ion: 65 Resp: 276693
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.512 min Scan# 2544
 Delta R.T. 0.002 min
 Lab File: VN066456.D
 Acq: 1 Apr 2021 15:24

Tgt Ion: 114 Resp: 672273
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.0
 88 14.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.81 ug/l

RT: 7.504 min Scan# 2168

Delta R.T. 0.002 min

Lab File: VN066456.D

Acq: 1 Apr 2021 15:24

Instrument :

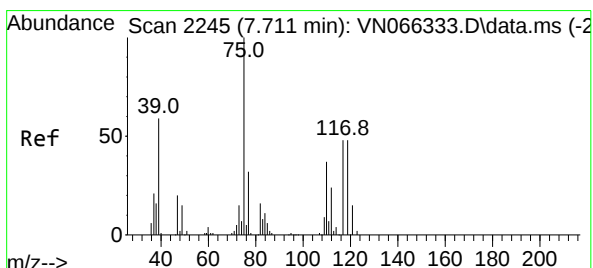
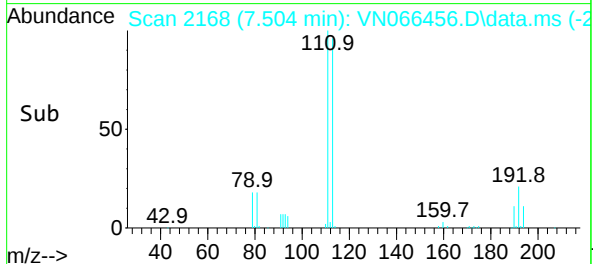
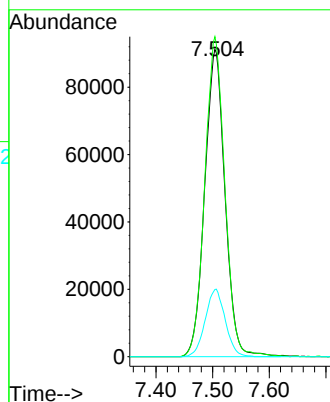
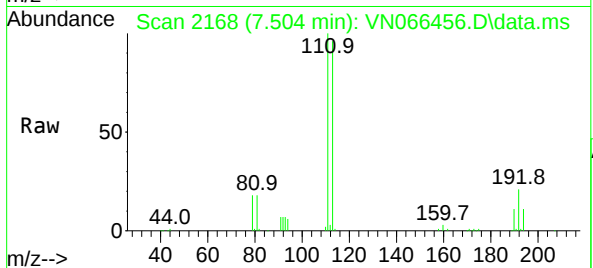
MSVOA_N

ClientSampleId :

B3-10-12

Tgt Ion:113 Resp: 226446

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	21.7	17.1	25.7



#36

1,1-Dichloropropene

Concen: 4.94 ug/l

RT: 7.579 min Scan# 2196

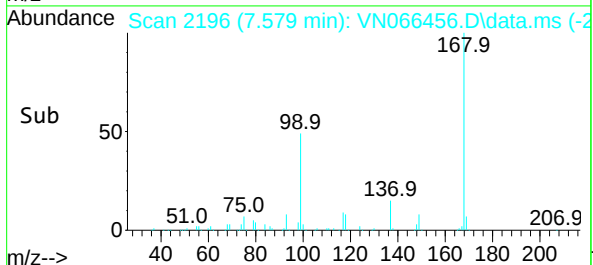
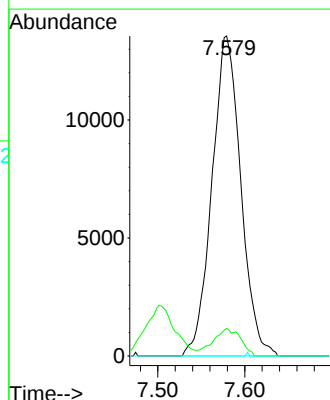
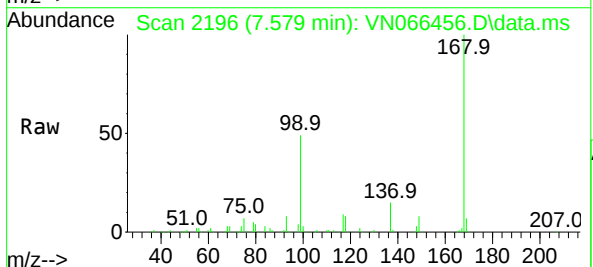
Delta R.T. -0.126 min

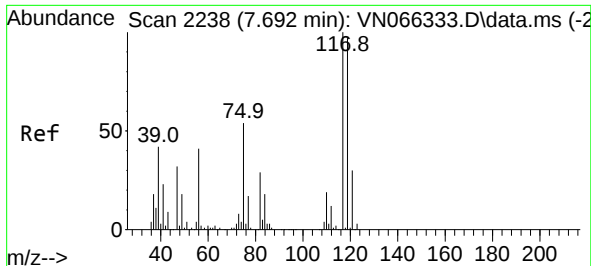
Lab File: VN066456.D

Acq: 1 Apr 2021 15:24

Tgt Ion: 75 Resp: 31214

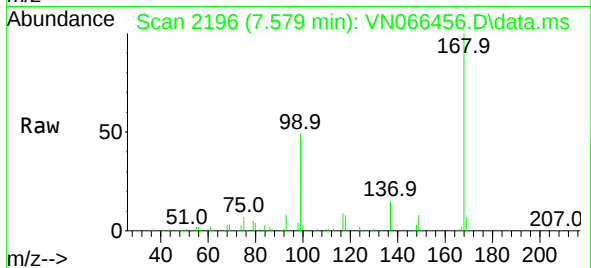
Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.1	54.3#
77	0.0	25.0	37.4#



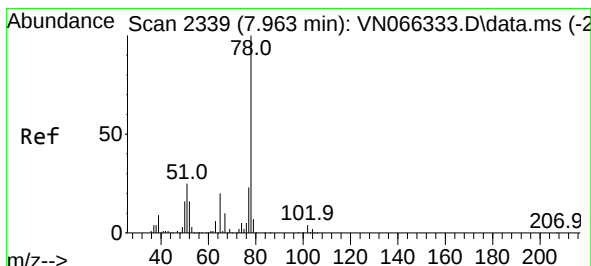
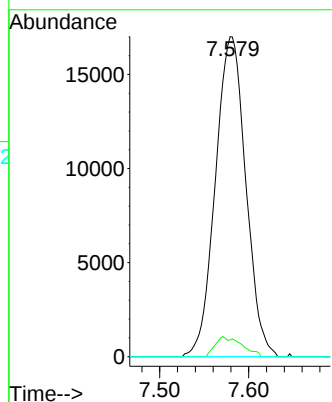
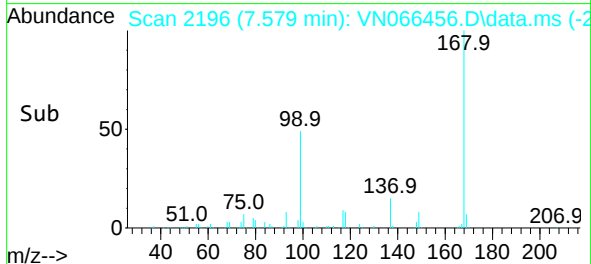


#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.105 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

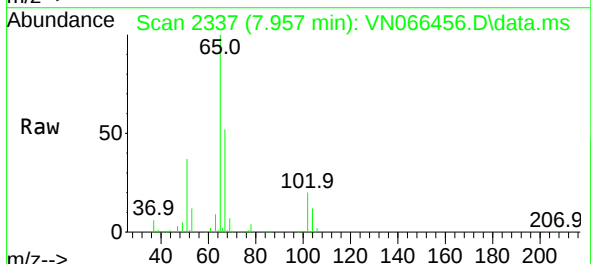
Instrument :
MSVOA_N
ClientSampled :
B3-10-12



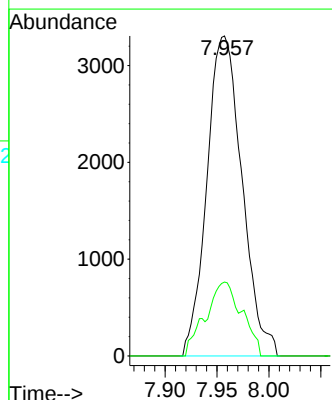
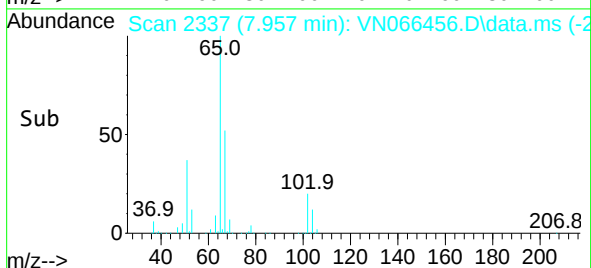
Tgt Ion:117 Resp: 40355
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 24.2 36.4#

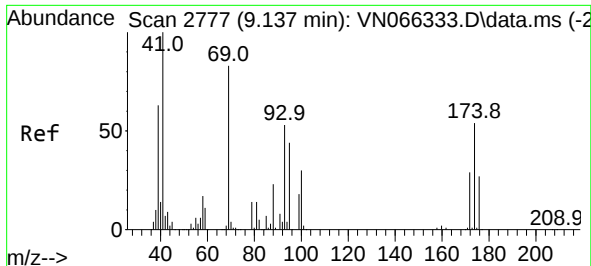


#40
Benzene
Concen: 0.41 ug/l
RT: 7.957 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24



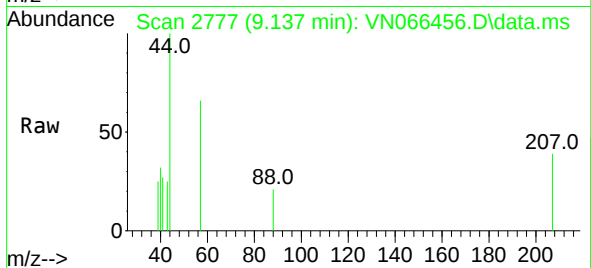
Tgt Ion: 78 Resp: 7780
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1



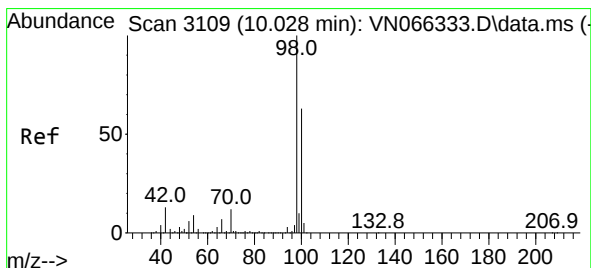
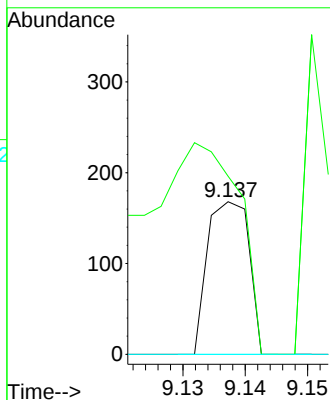
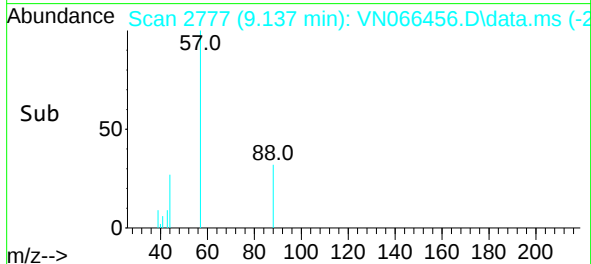


#49
1,4-Dioxane
Concen: 1.08 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. 0.005 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

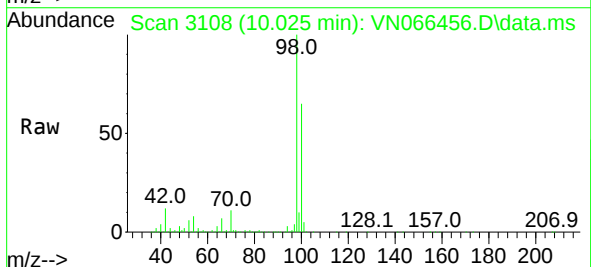
Instrument :
MSVOA_N
ClientSampled :
B3-10-12



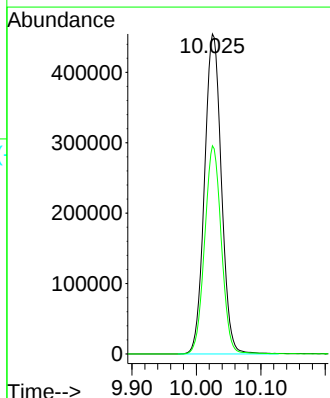
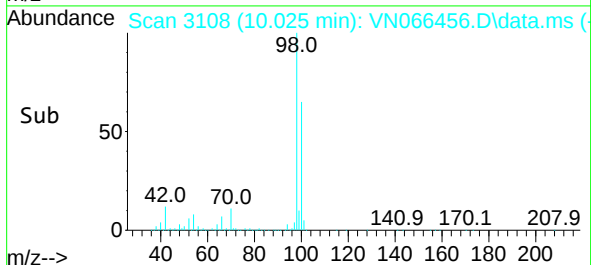
Tgt Ion: 88 Resp: 77
Ion Ratio Lower Upper
88 100
43 248.1 28.2 42.4#
58 0.0 56.6 84.8#

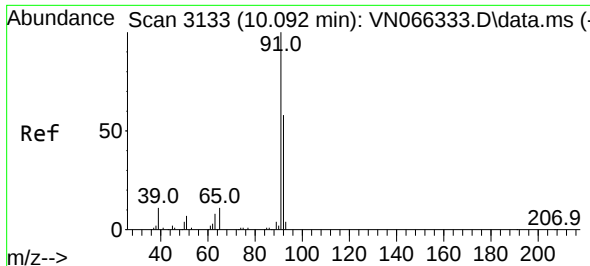


#50
Toluene-d8
Concen: 48.89 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24



Tgt Ion: 98 Resp: 826440
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

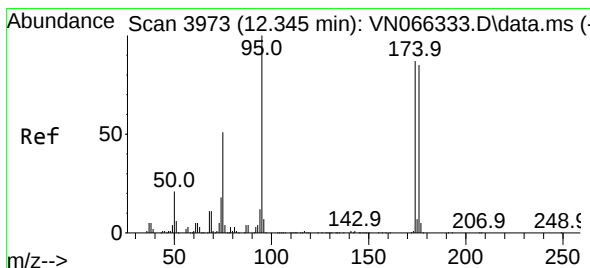
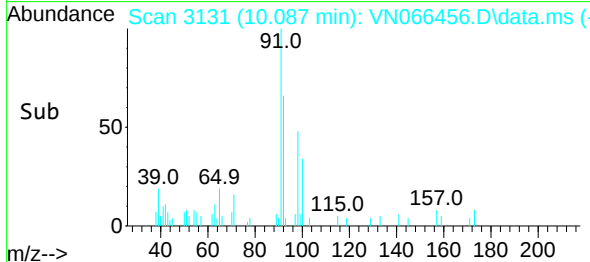
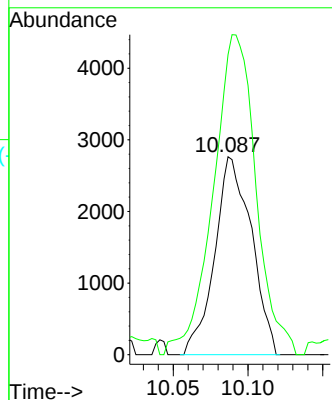
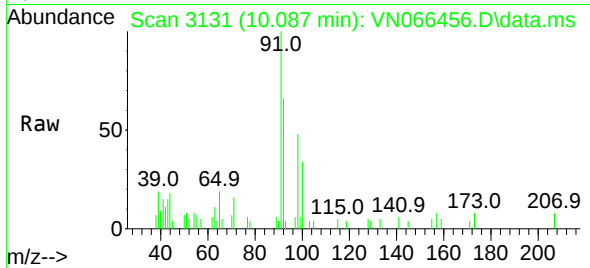




#52
Toluene
Concen: 0.40 ug/l
RT: 10.087 min Scan# 3131
Delta R.T. -0.003 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

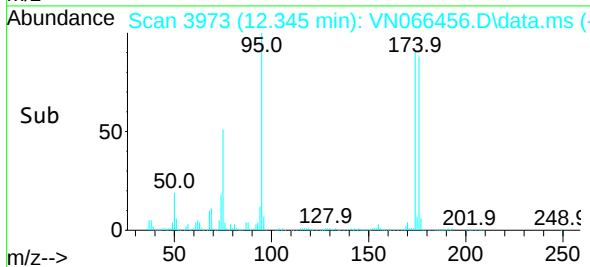
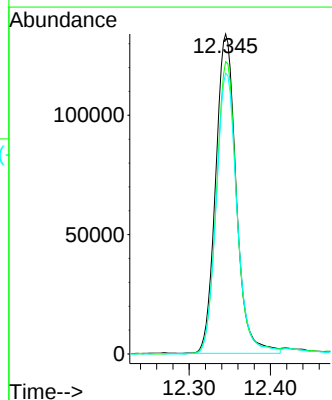
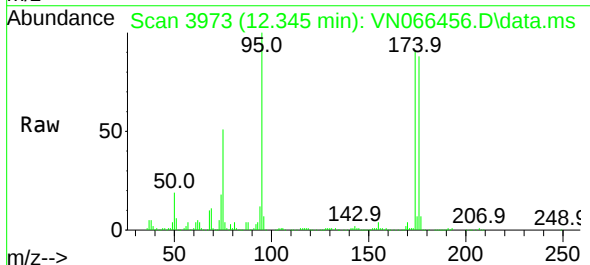
Instrument :
MSVOA_N
ClientSampled :
B3-10-12

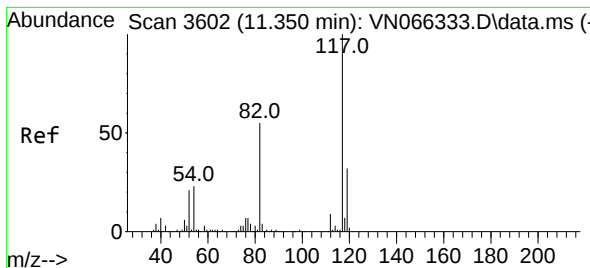
Tgt Ion: 92 Resp: 4718
Ion Ratio Lower Upper
92 100
91 188.0 138.8 208.2



#62
4-Bromofluorobenzene
Concen: 40.11 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.002 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

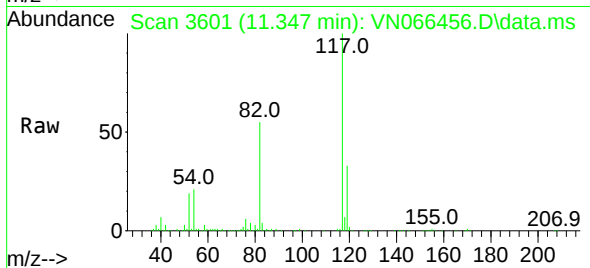
Tgt Ion: 95 Resp: 235484
Ion Ratio Lower Upper
95 100
174 91.1 0.0 172.2
176 89.0 0.0 167.8



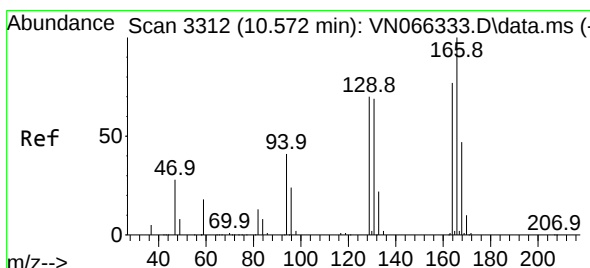
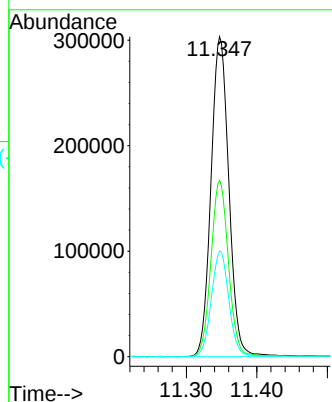
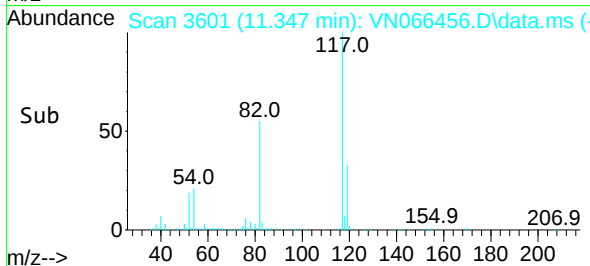


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

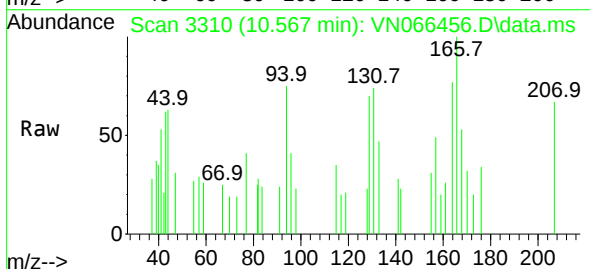
Instrument :
MSVOA_N
ClientSampleId :
B3-10-12



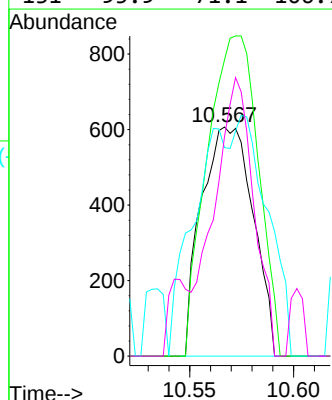
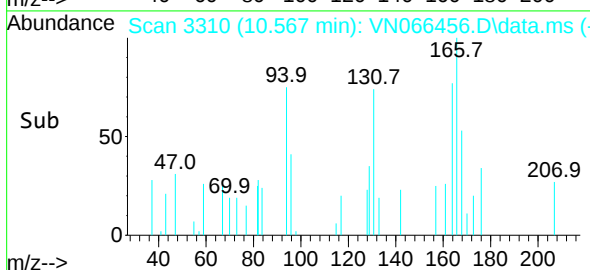
Tgt Ion:117 Resp: 533310
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.4
119 33.0 25.8 38.6

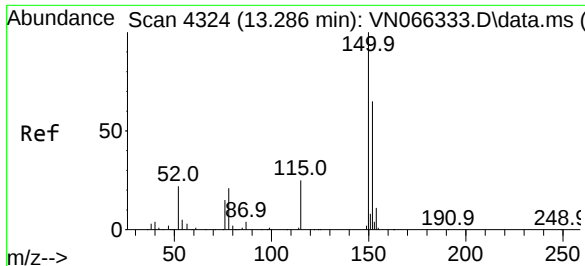


#64
Tetrachloroethene
Concen: 0.23 ug/l
RT: 10.567 min Scan# 3310
Delta R.T. -0.003 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24



Tgt Ion:164 Resp: 1049
Ion Ratio Lower Upper
164 100
166 129.3 103.3 154.9
129 49.3 72.5 108.7#
131 95.9 71.1 106.7

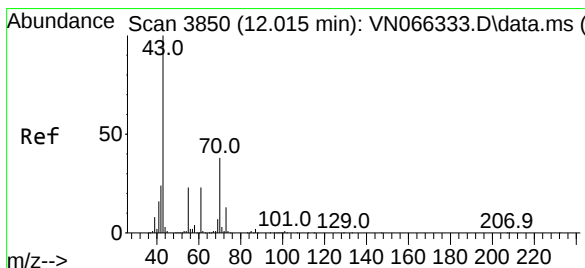
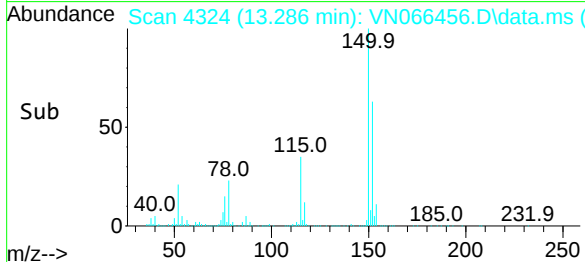
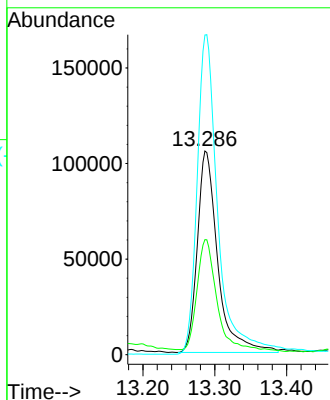
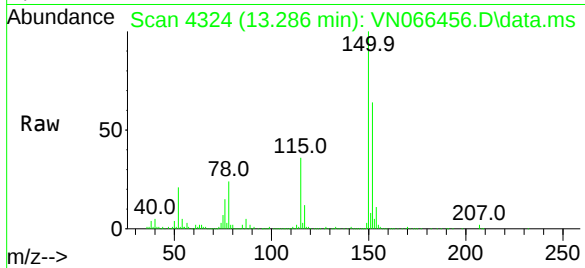




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.002 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

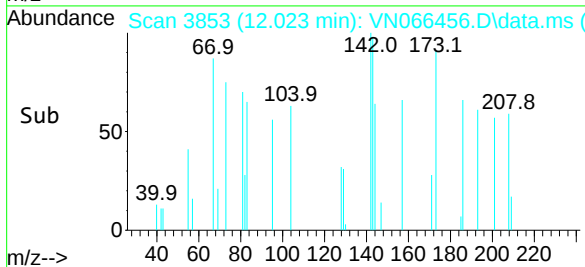
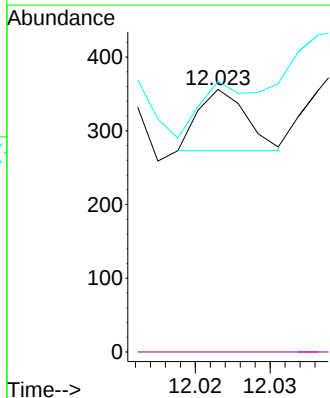
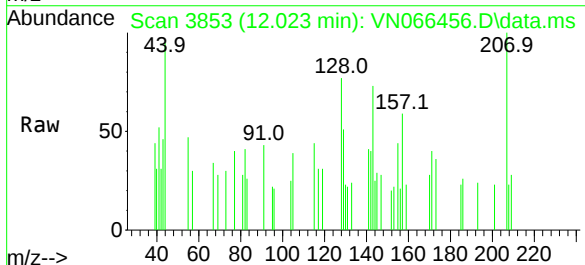
Instrument :
MSVOA_N
ClientSampled :
B3-10-12

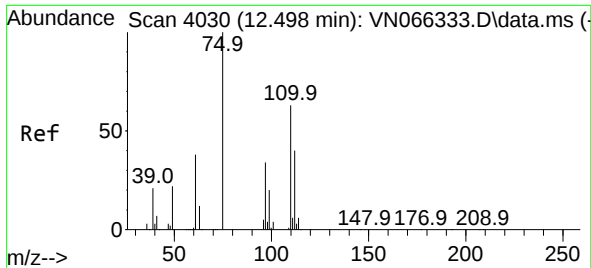
Tgt Ion:152 Resp: 209706
Ion Ratio Lower Upper
152 100
115 51.0 27.8 83.4
150 162.0 0.0 348.4



#74
N-ethyl acetate
Concen: 3.20 ug/l
RT: 12.023 min Scan# 3853
Delta R.T. 0.008 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

Tgt Ion: 43 Resp: 37
Ion Ratio Lower Upper
43 100
70 143.2 31.2 46.8#
55 81.1 18.6 28.0#
61 0.0 18.2 27.4#

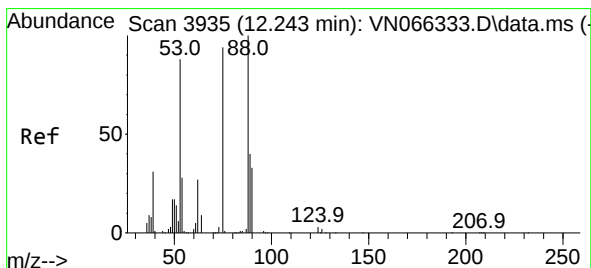
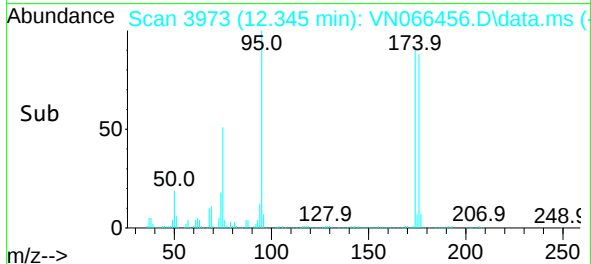
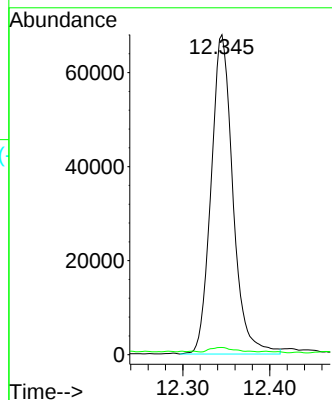
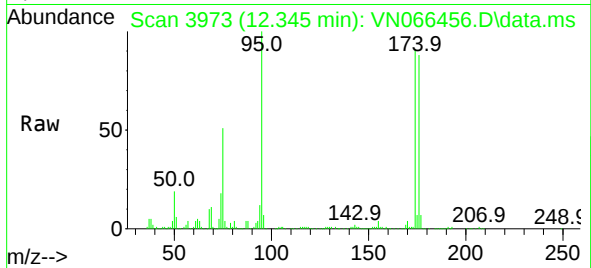




#76
1,2,3-Trichloropropane
Concen: 25.75 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.150 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

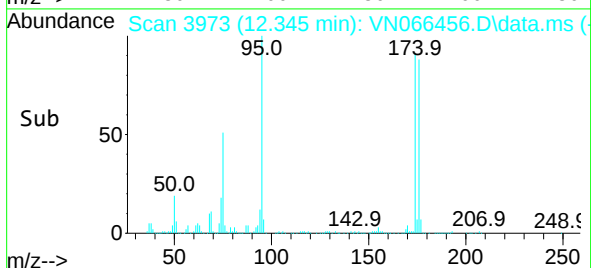
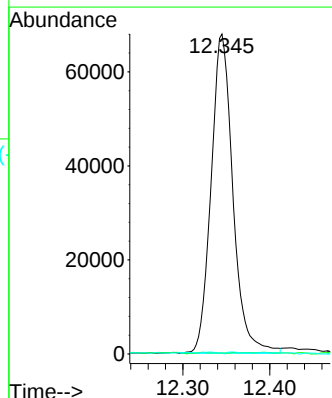
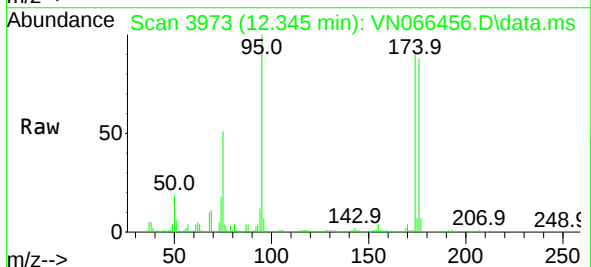
Instrument :
MSVOA_N
ClientSampled :
B3-10-12

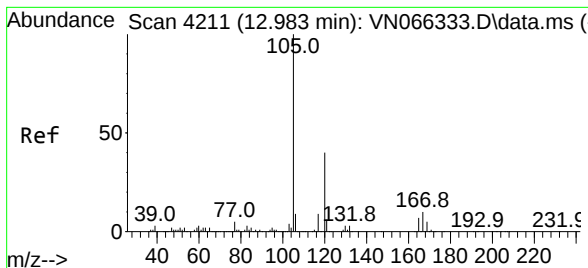
Tgt Ion: 75 Resp: 118474
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.43 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

Tgt Ion: 75 Resp: 118474
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.4 35.7 53.5#

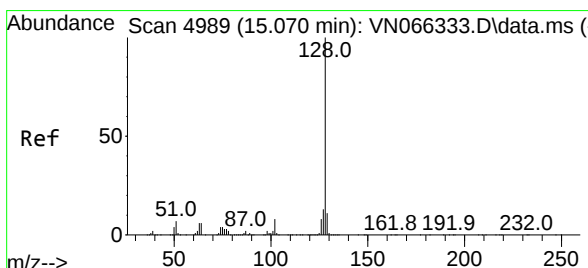
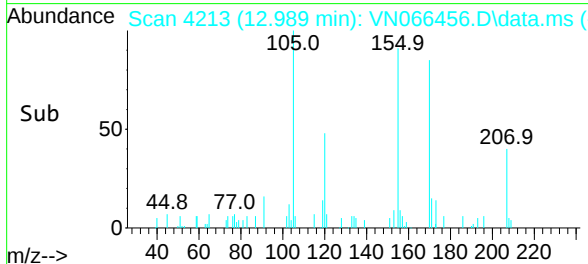
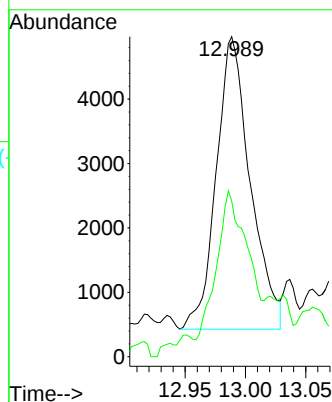
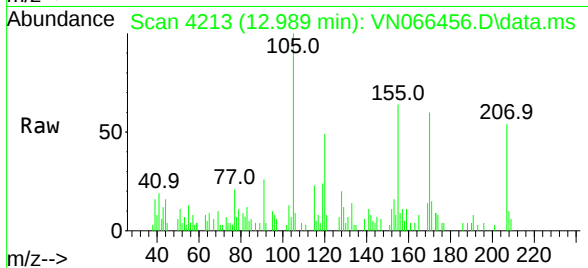




#84
1,2,4-Trimethylbenzene
Concen: 0.72 ug/l
RT: 12.989 min Scan# 4213
Delta R.T. 0.005 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

Instrument :
MSVOA_N
ClientSampleId :
B3-10-12

Tgt Ion:105 Resp: 8925
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2



#95
Naphthalene
Concen: 4.66 ug/l
RT: 15.268 min Scan# 5063
Delta R.T. 0.008 min
Lab File: VN066456.D
Acq: 1 Apr 2021 15:24

Tgt Ion:128 Resp: 43448
Ion Ratio Lower Upper
128 100
127 10.0 10.5 15.7#
129 8.4 8.5 12.7#

