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 Data File : VN066646.D
 Acq On : 16 Apr 2021 23:14
 Operator : JC/MD
 Sample : M2055-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

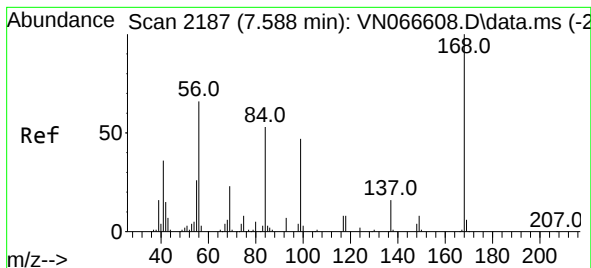
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Apr 17 05:22:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	250571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	400514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	381917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	159008	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	190185	50.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.62%			
35) Dibromofluoromethane	7.513	113	147387	53.06	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.12%			
50) Toluene-d8	10.029	98	578780	53.17	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.34%			
62) 4-Bromofluorobenzene	12.346	95	186627	48.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.52%			
Target Compounds					Qvalue	
3) Chloromethane	2.034	50	1168	0.26	ug/l	99
11) Tert butyl alcohol	4.695	59	284	0.47	ug/l #	73
13) Acrolein	3.544	56	356	1.10	ug/l #	57
16) Acetone	3.756	43	37315	19.79	ug/l	95
18) Methyl Acetate	4.252	43	5979	1.47	ug/l	91
20) Methylene Chloride	4.475	84	10419	2.92	ug/l	91
25) 2-Butanone	6.757	43	6409	2.88	ug/l	100
31) Cyclohexane	7.583	56	2430	0.45	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	18718	4.64	ug/l #	48
37) Ethyl Acetate	6.757	43	6409	1.40	ug/l #	68
38) Carbon Tetrachloride	7.591	117	22473	5.94	ug/l #	17
40) Benzene	7.967	78	2701	0.21	ug/l	95
43) Isopropyl Acetate	8.095	43	28105	3.68	ug/l #	85
45) 1,2-Dichloropropane	9.206	63	1760	0.49	ug/l #	44
48) Methyl methacrylate	9.114	41	6820	1.98	ug/l #	10
51) 4-Methyl-2-Pentanone	9.924	43	6628	1.47	ug/l	91
52) Toluene	10.093	92	2171	0.28	ug/l	100
54) cis-1,3-Dichloropropene	9.844	75	42432	8.05	ug/l #	65
56) Ethyl methacrylate	10.313	69	89	0.91	ug/l #	27
57) 1,3-Dichloropropane	10.708	76	22054	4.18	ug/l #	43
59) 2-Hexanone	10.708	43	320314	102.84	ug/l #	49
71) Bromoform	12.346	173	1330	0.58	ug/l #	1
74) N-amyl acetate	12.003	43	327	9.80	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	95016	25.55	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	95016	78.86	ug/l #	12

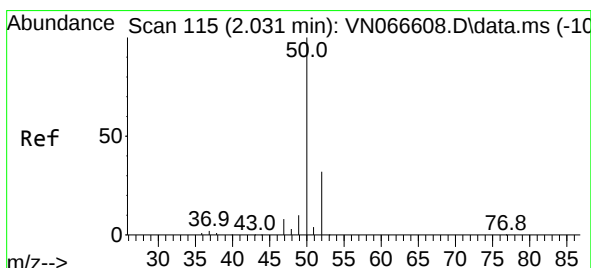
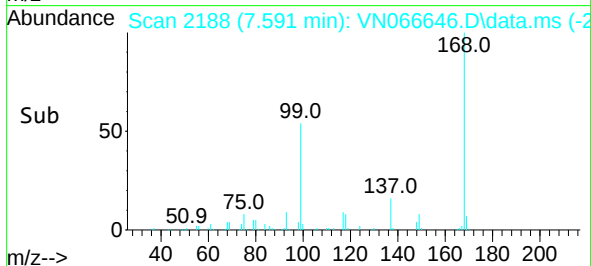
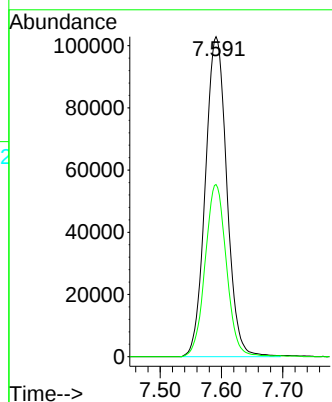
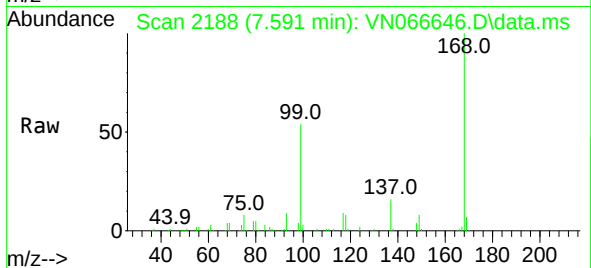
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

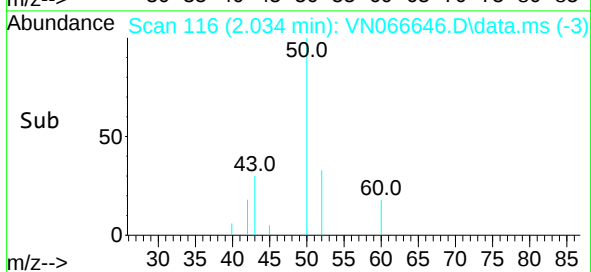
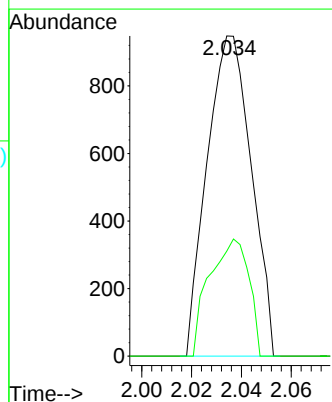
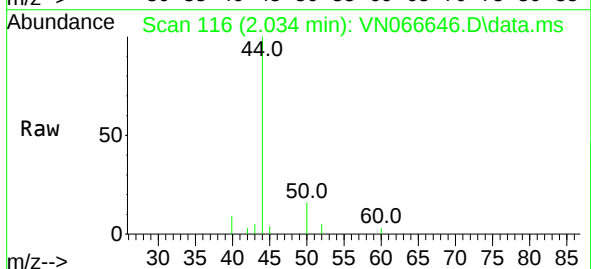
Instrument :
MSVOA_N
ClientSampled :
TP-2

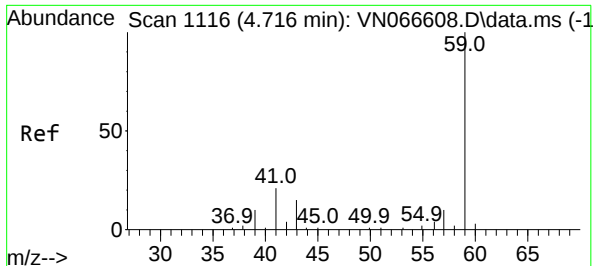
Tgt Ion:168 Resp: 250571
Ion Ratio Lower Upper
168 100
99 53.8 42.6 63.8



#3
Chloromethane
Concen: 0.26 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.003 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

Tgt Ion: 50 Resp: 1168
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8



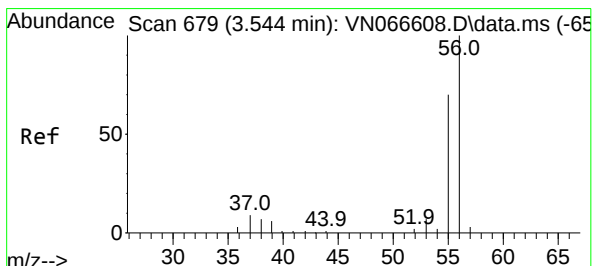
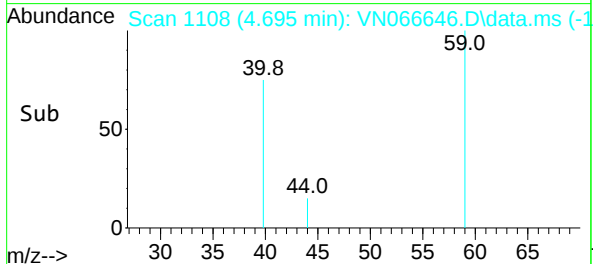
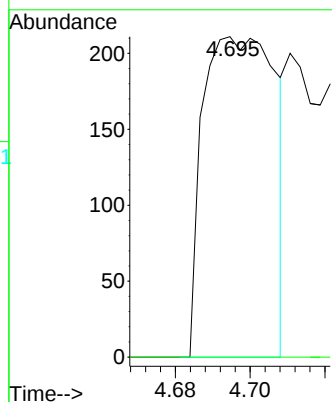
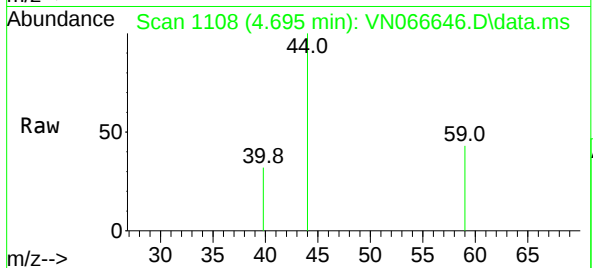


#11

Tert butyl alcohol
Concen: 0.47 ug/l
RT: 4.695 min Scan# 1108
Delta R.T. -0.021 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

Instrument :
MSVOA_N
ClientSampled :
TP-2

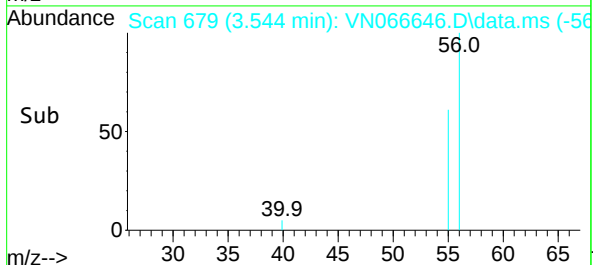
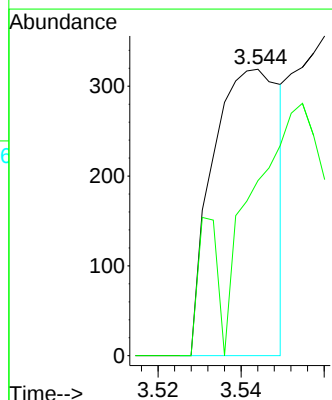
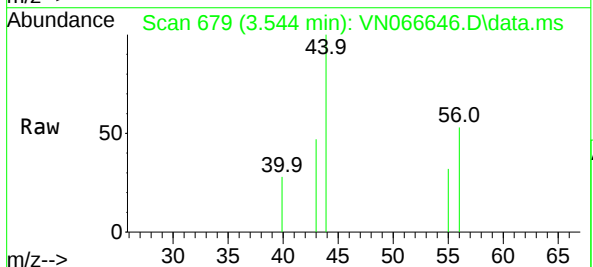
Tgt Ion: 59 Resp: 284
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

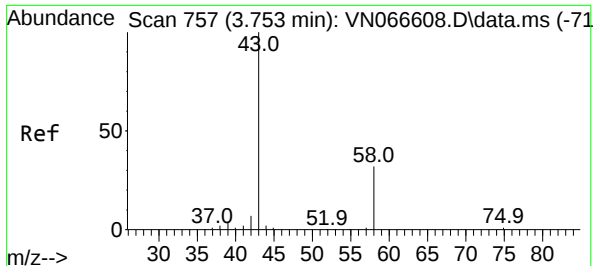


#13

Acrolein
Concen: 1.10 ug/l
RT: 3.544 min Scan# 679
Delta R.T. 0.000 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

Tgt Ion: 56 Resp: 356
Ion Ratio Lower Upper
56 100
55 105.1 56.0 84.0#

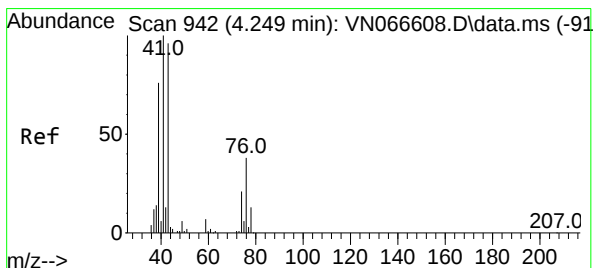
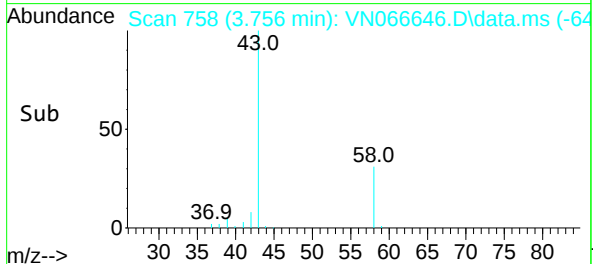
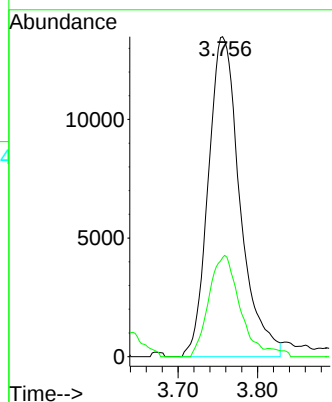
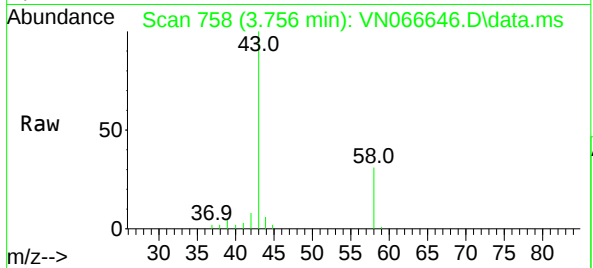




#16
Acetone
Concen: 19.79 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.003 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

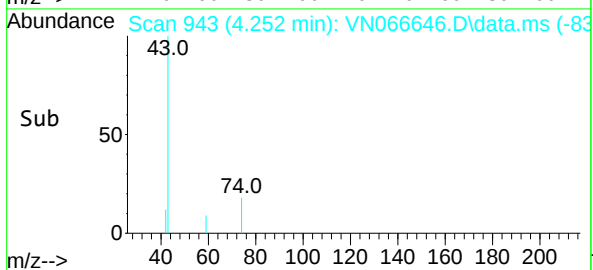
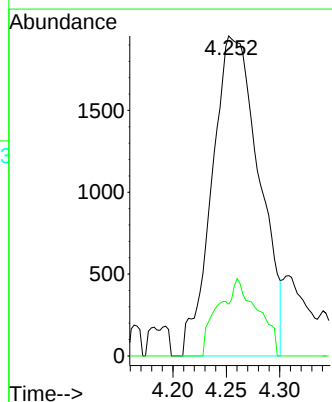
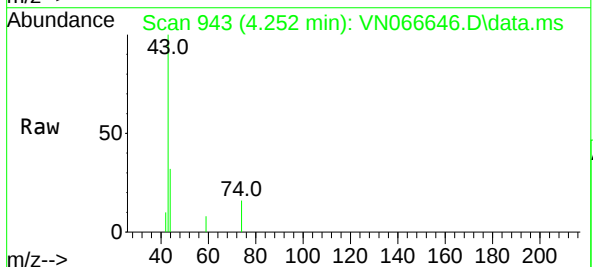
Instrument :
MSVOA_N
ClientSampled :
TP-2

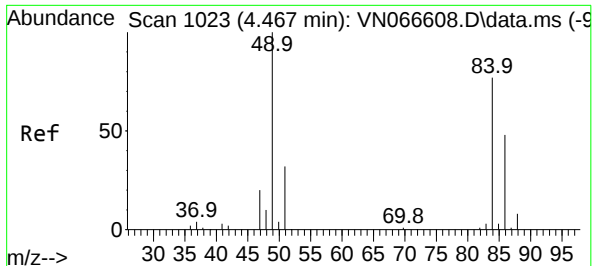
Tgt Ion: 43 Resp: 37315
Ion Ratio Lower Upper
43 100
58 30.9 27.0 40.6



#18
Methyl Acetate
Concen: 1.47 ug/l
RT: 4.252 min Scan# 943
Delta R.T. 0.003 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

Tgt Ion: 43 Resp: 5979
Ion Ratio Lower Upper
43 100
74 20.1 19.5 29.3



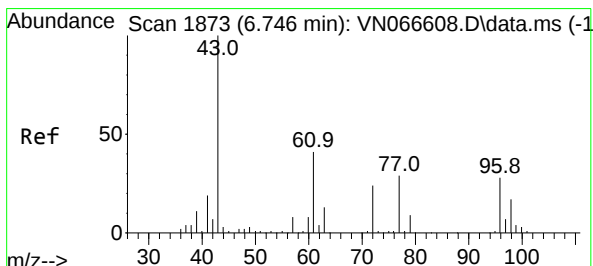
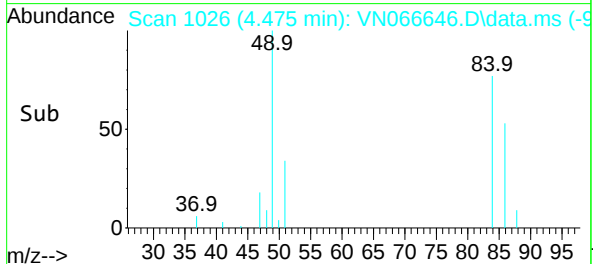
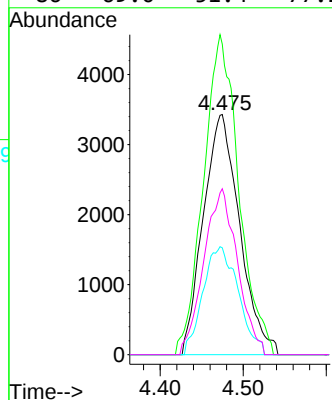
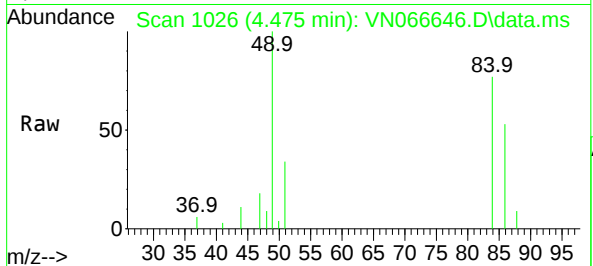


#20
Methylene Chloride
Concen: 2.92 ug/l
RT: 4.475 min Scan# 1026
Delta R.T. 0.008 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tgt Ion: 84 Resp: 10419

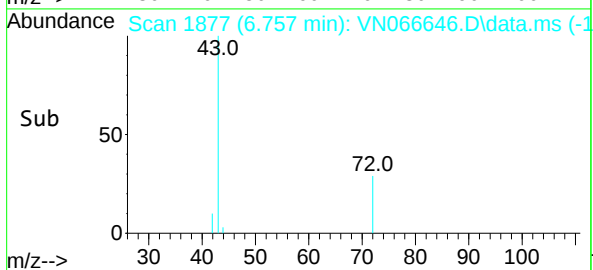
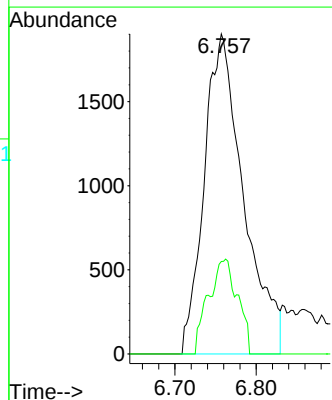
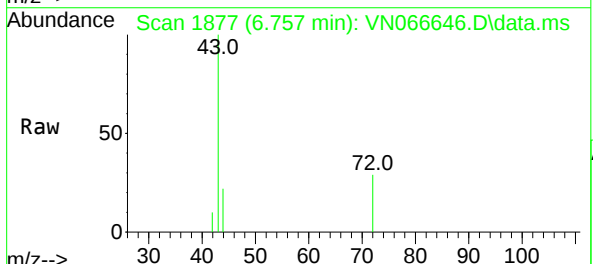
Ion	Ratio	Lower	Upper
84	100		
49	129.3	94.6	141.8
51	44.5	29.9	44.9
86	69.0	51.4	77.2

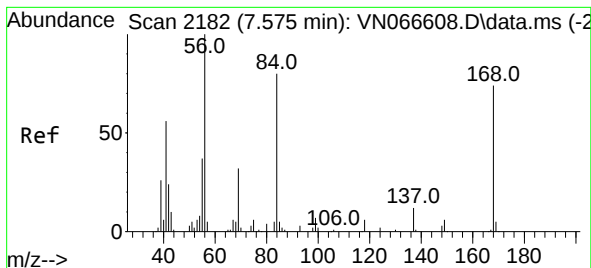


#25
2-Butanone
Concen: 2.88 ug/l
RT: 6.757 min Scan# 1877
Delta R.T. 0.011 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

Tgt Ion: 43 Resp: 6409

Ion	Ratio	Lower	Upper
43	100		
72	28.9	23.1	34.7

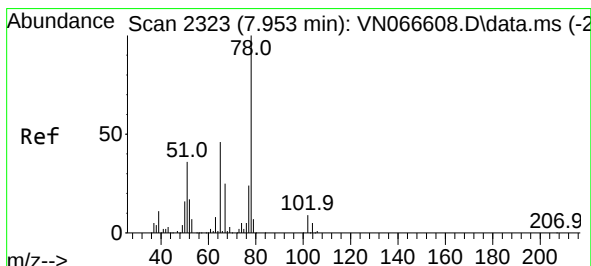
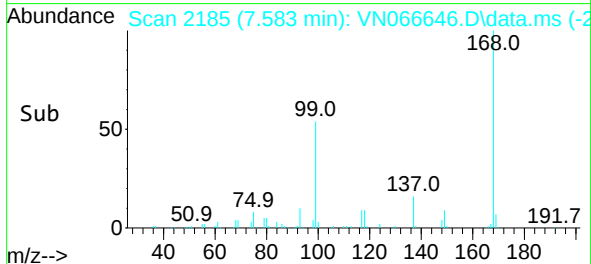
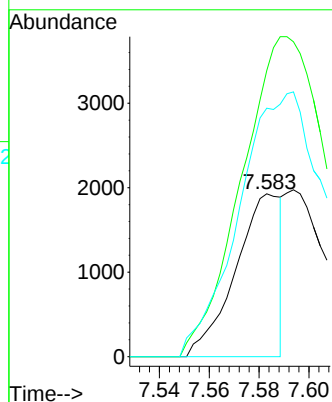
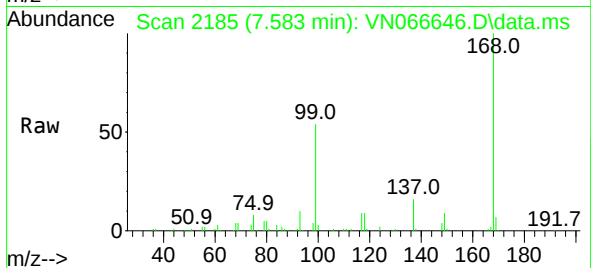




#31
Cyclohexane
Concen: 0.45 ug/l
RT: 7.583 min Scan# 2185
Delta R.T. 0.008 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

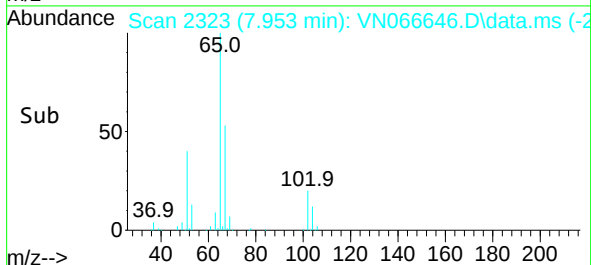
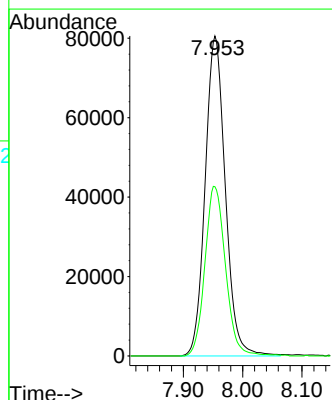
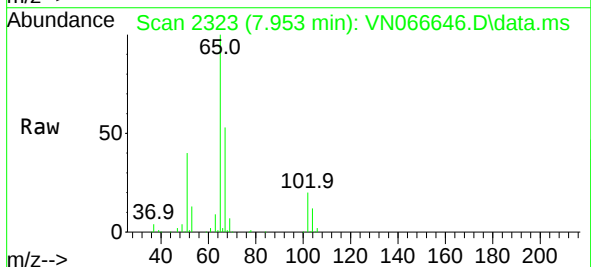
Instrument :
MSVOA_N
ClientSampled :
TP-2

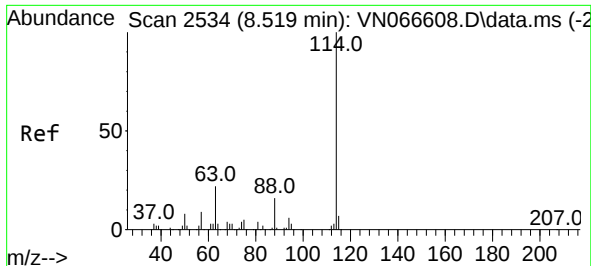
Tgt Ion: 56 Resp: 2430
Ion Ratio Lower Upper
56 100
69 175.6 26.6 39.8#
84 152.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 50.31 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

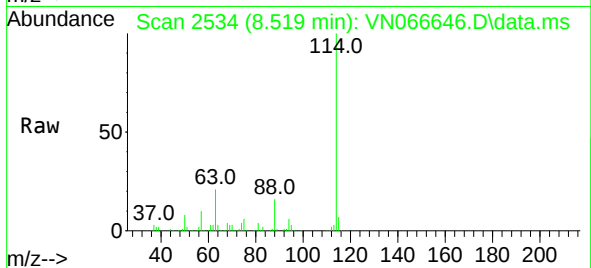
Tgt Ion: 65 Resp: 190185
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2



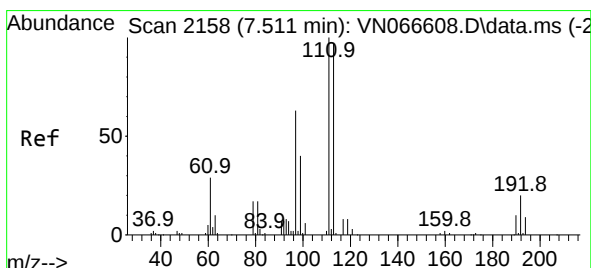
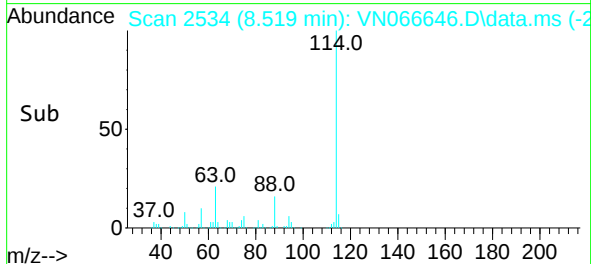
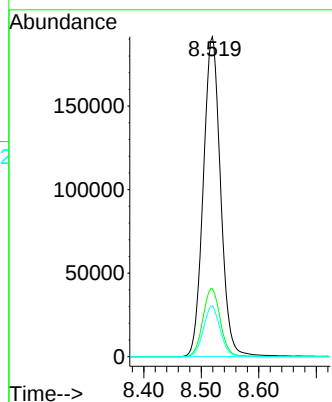


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

Instrument :
MSVOA_N
ClientSampled :
TP-2

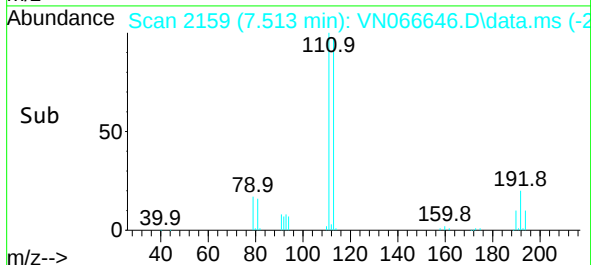
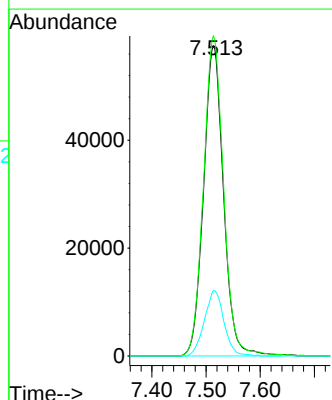
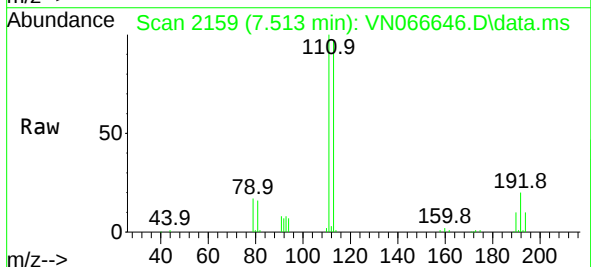


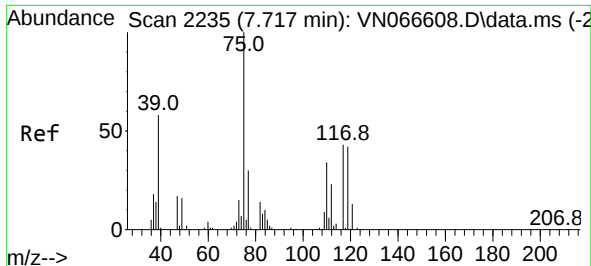
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	38.6
88	15.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 53.06 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.002 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

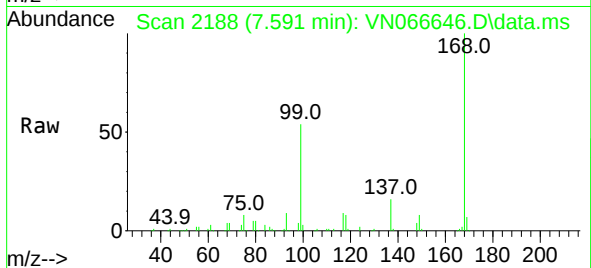
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.2
192	20.7	15.4	23.0



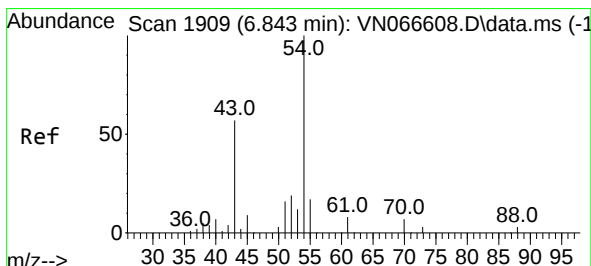
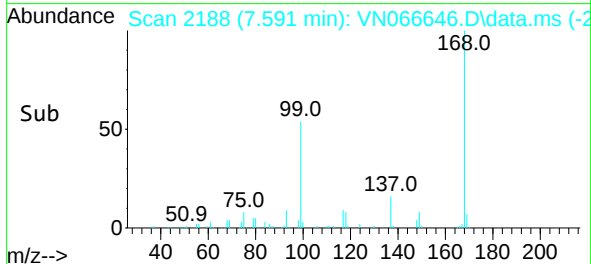
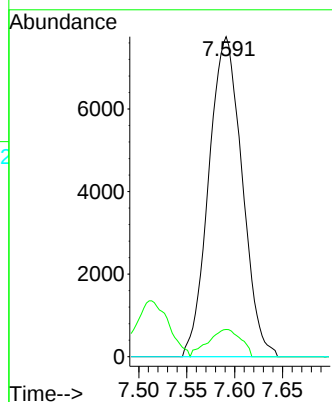


#36
 1,1-Dichloropropene
 Concen: 4.64 ug/l
 RT: 7.591 min Scan# 2188
 Delta R.T. -0.126 min
 Lab File: VN066646.D
 Acq: 16 Apr 2021 23:14

Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

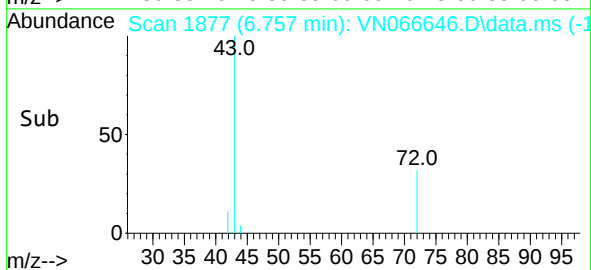
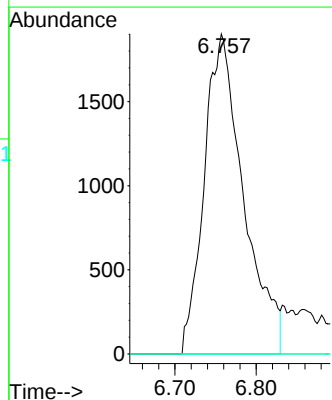
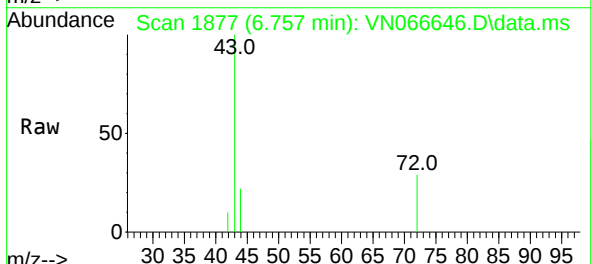


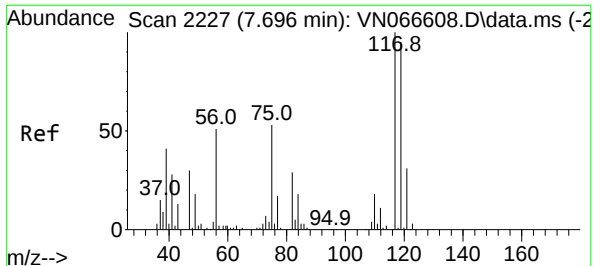
Tgt Ion: 75 Resp: 18718
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.2 54.6#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 1.40 ug/l
 RT: 6.757 min Scan# 1877
 Delta R.T. -0.086 min
 Lab File: VN066646.D
 Acq: 16 Apr 2021 23:14

Tgt Ion: 43 Resp: 6409
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.6 17.4#
 70 0.0 8.6 13.0#

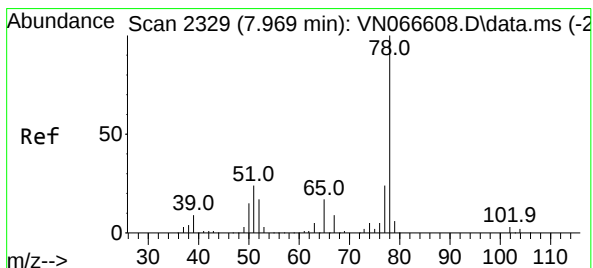
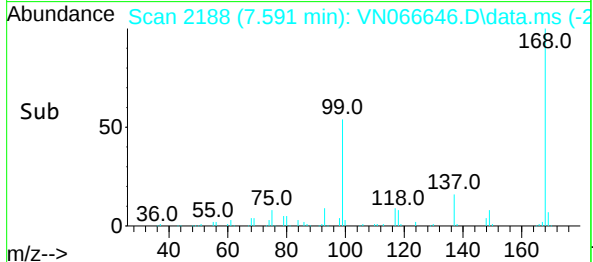
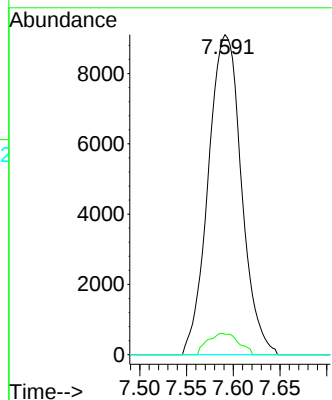
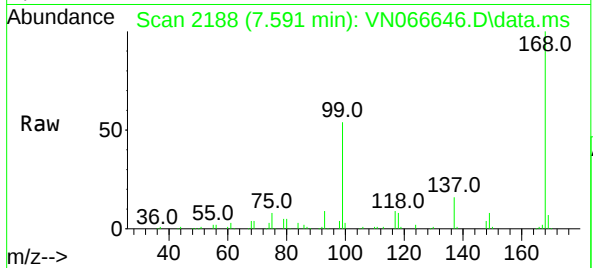




#38
Carbon Tetrachloride
Concen: 5.94 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.105 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

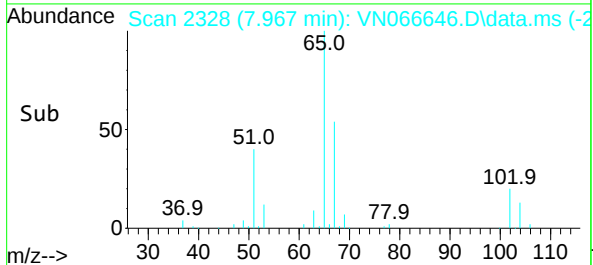
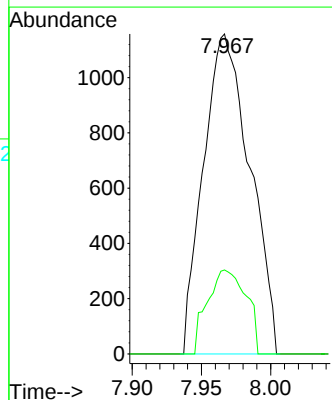
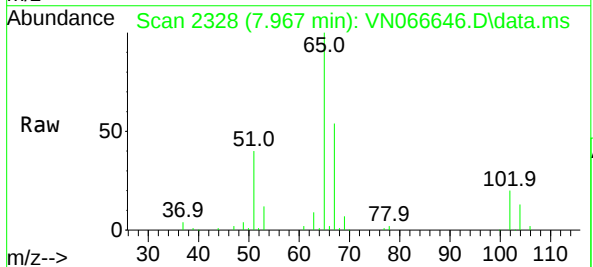
Instrument :
MSVOA_N
ClientSampled :
TP-2

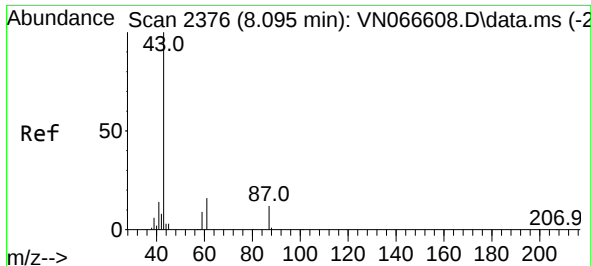
Tgt Ion:117 Resp: 22473
Ion Ratio Lower Upper
117 100
119 6.4 76.0 114.0#
121 0.0 24.5 36.7#



#40
Benzene
Concen: 0.21 ug/l
RT: 7.967 min Scan# 2328
Delta R.T. -0.002 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

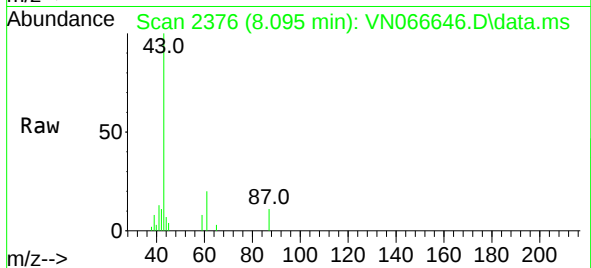
Tgt Ion: 78 Resp: 2701
Ion Ratio Lower Upper
78 100
77 26.3 19.0 28.4



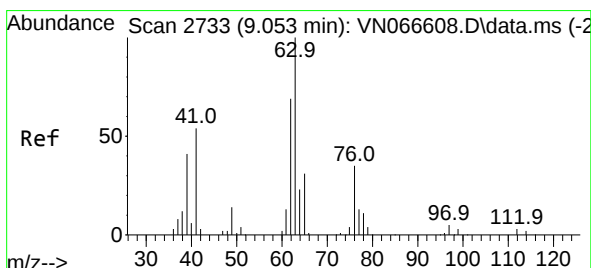
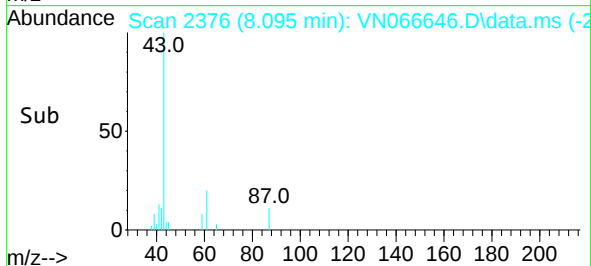
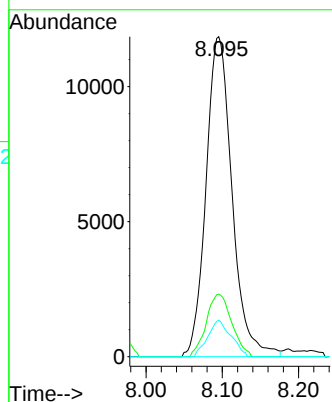


#43
Isopropyl Acetate
Concen: 3.68 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.000 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

Instrument :
MSVOA_N
ClientSampled :
TP-2

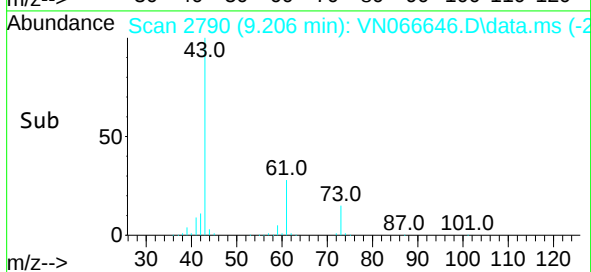
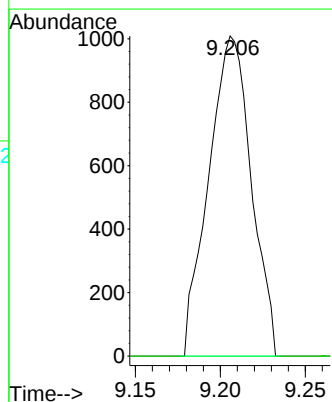
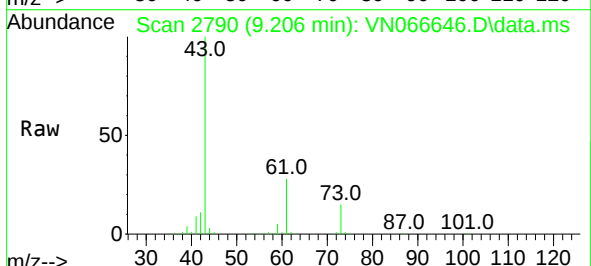


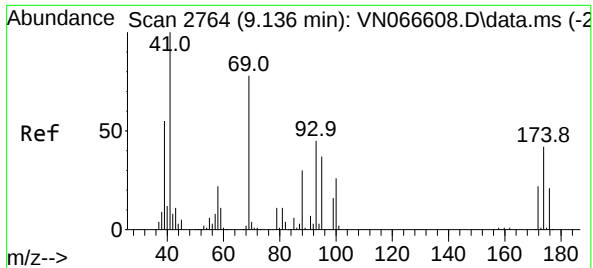
Tgt Ion:	43	Resp:	28105
Ion Ratio	Lower	Upper	
43	100		
61	19.1	22.5	33.7#
87	10.2	11.1	16.7#



#45
1,2-Dichloropropane
Concen: 0.49 ug/l
RT: 9.206 min Scan# 2790
Delta R.T. 0.153 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

Tgt Ion:	63	Resp:	1760
Ion Ratio	Lower	Upper	
63	100		
65	0.0	24.9	37.3#

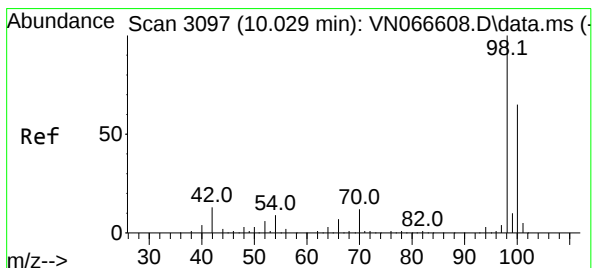
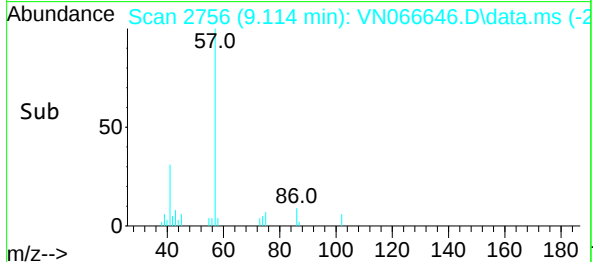
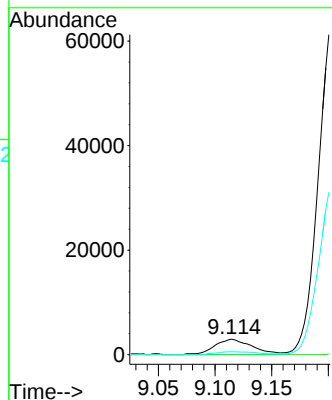
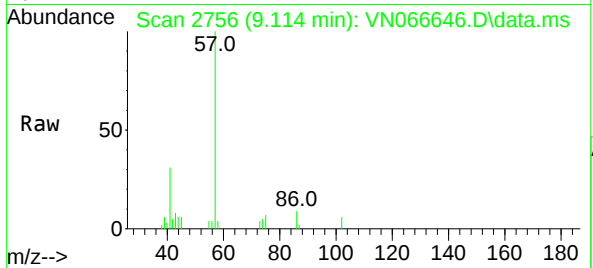




#48
Methyl methacrylate
Concen: 1.98 ug/l
RT: 9.114 min Scan# 2756
Delta R.T. -0.021 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

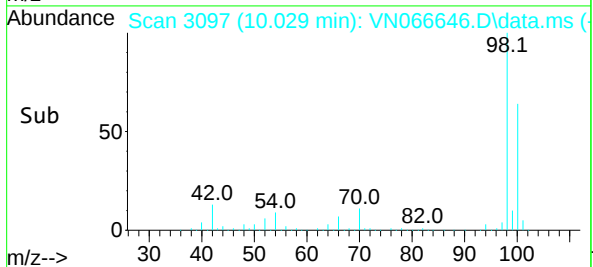
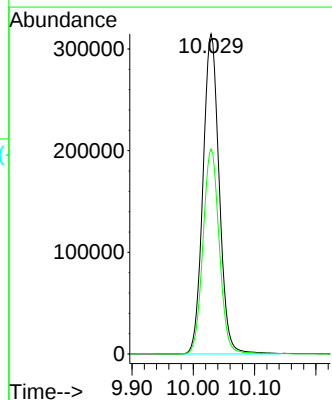
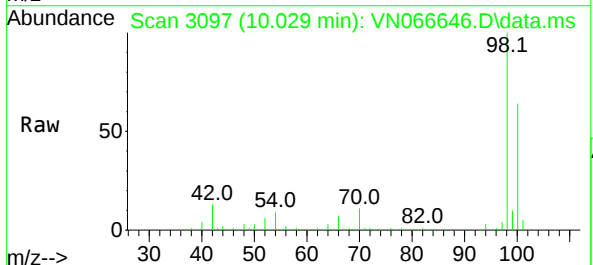
Instrument :
MSVOA_N
ClientSampled :
TP-2

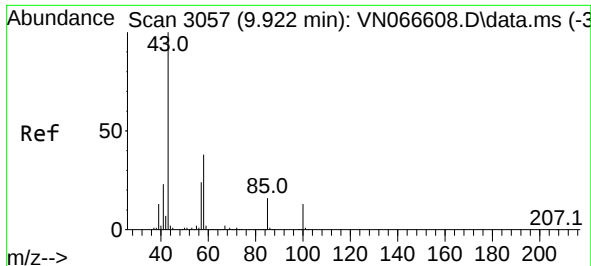
Tgt Ion: 41 Resp: 6820
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 53.17 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.000 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

Tgt Ion: 98 Resp: 578780
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7

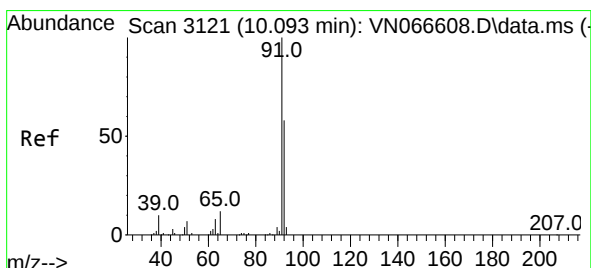
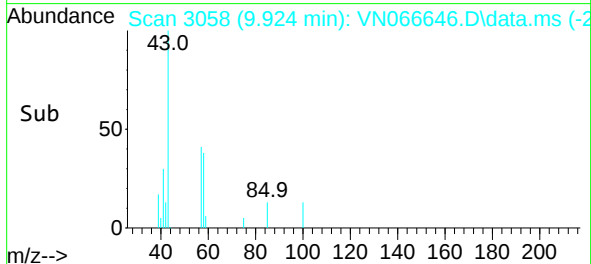
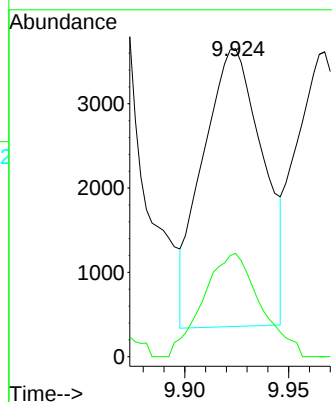
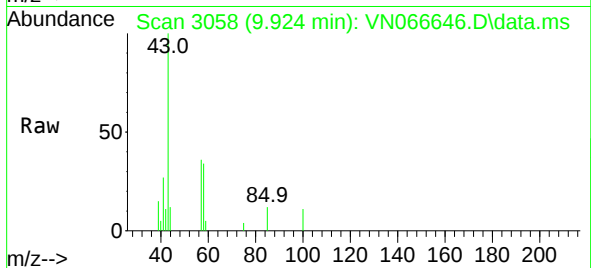




#51
4-Methyl-2-Pentanone
Concen: 1.47 ug/l
RT: 9.924 min Scan# 3058
Delta R.T. 0.002 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

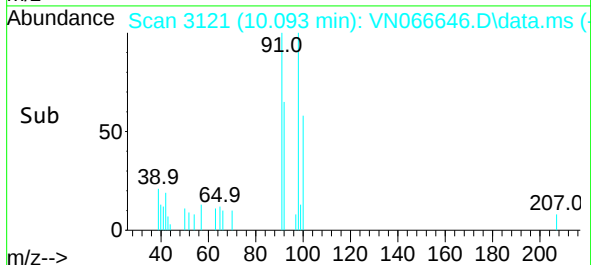
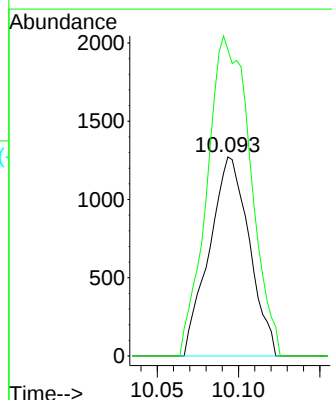
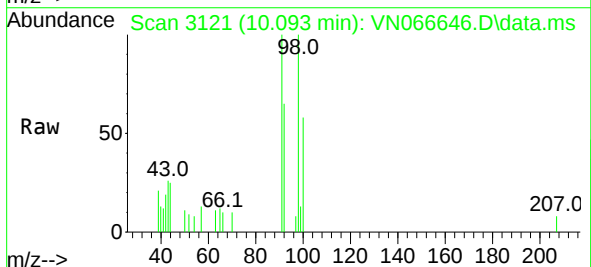
Instrument :
MSVOA_N
ClientSampled :
TP-2

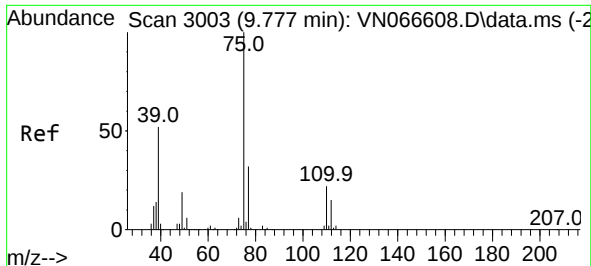
Tgt Ion: 43 Resp: 6628
Ion Ratio Lower Upper
43 100
58 35.3 32.5 48.7



#52
Toluene
Concen: 0.28 ug/l
RT: 10.093 min Scan# 3121
Delta R.T. 0.000 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

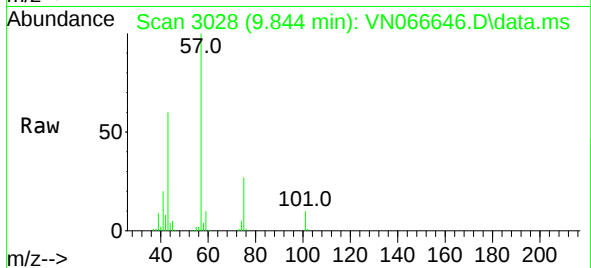
Tgt Ion: 92 Resp: 2171
Ion Ratio Lower Upper
92 100
91 175.3 140.7 211.1



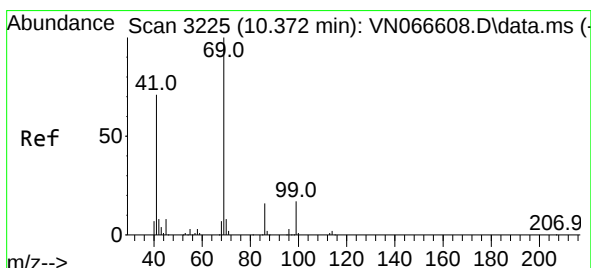
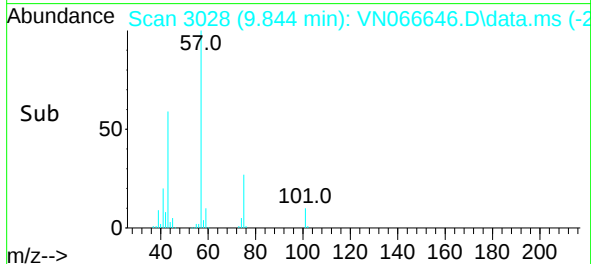
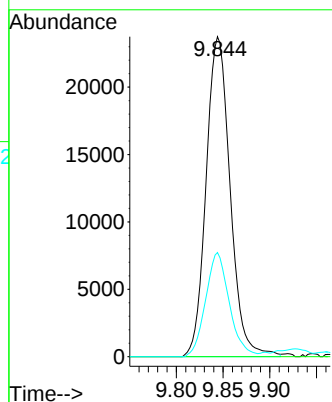


#54
 cis-1,3-Dichloropropene
 Concen: 8.05 ug/l
 RT: 9.844 min Scan# 3028
 Delta R.T. 0.067 min
 Lab File: VN066646.D
 Acq: 16 Apr 2021 23:14

Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

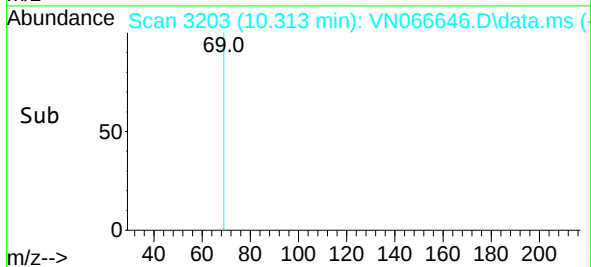
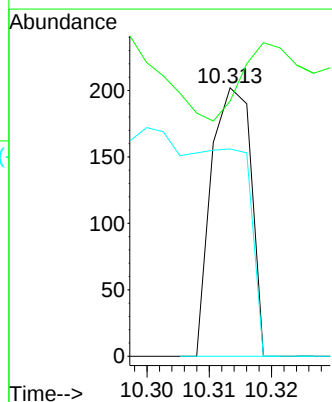
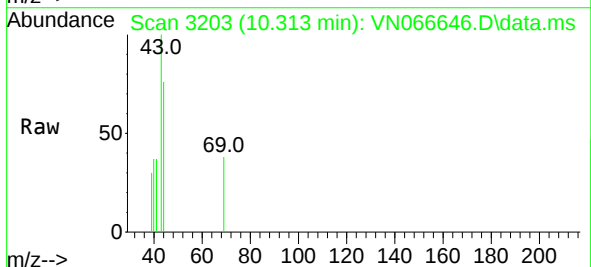


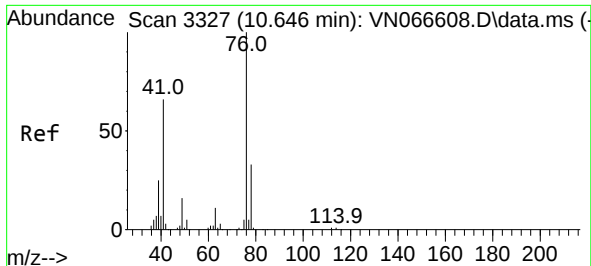
Tgt Ion: 75 Resp: 42432
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#
 39 32.5 36.2 54.4#



#56
 Ethyl methacrylate
 Concen: 0.91 ug/l
 RT: 10.313 min Scan# 3203
 Delta R.T. -0.059 min
 Lab File: VN066646.D
 Acq: 16 Apr 2021 23:14

Tgt Ion: 69 Resp: 89
 Ion Ratio Lower Upper
 69 100
 41 0.0 49.6 74.4#
 39 0.0 28.0 42.0#

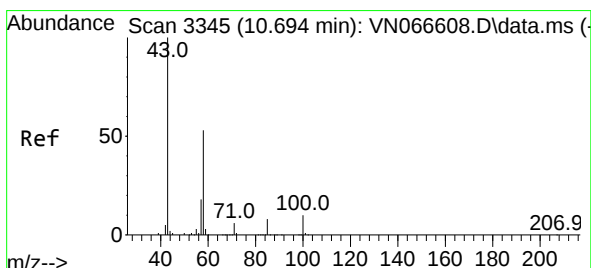
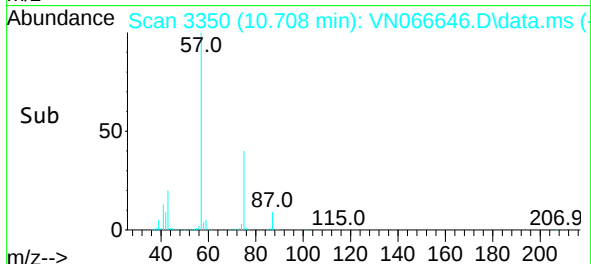
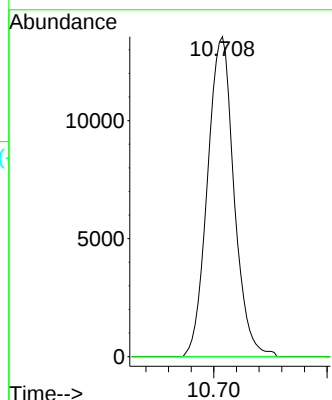
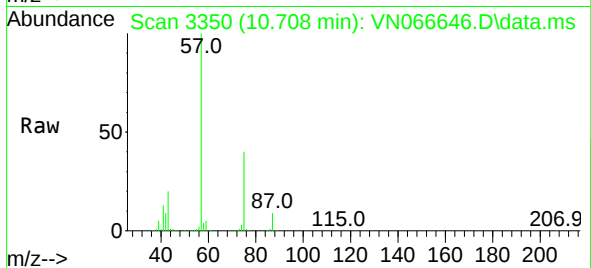




#57
1,3-Dichloropropane
Concen: 4.18 ug/l
RT: 10.708 min Scan# 3350
Delta R.T. 0.062 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

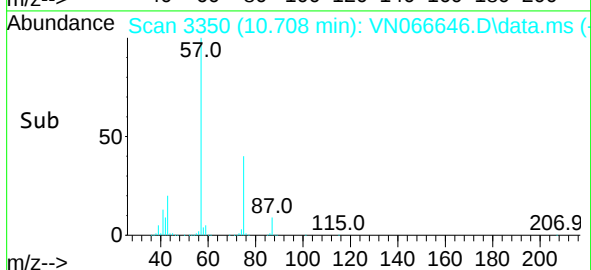
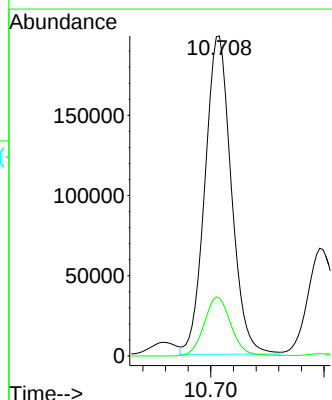
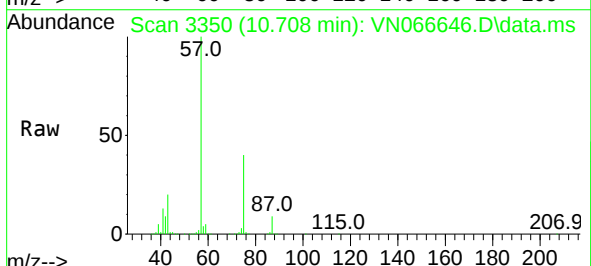
Instrument :
MSVOA_N
ClientSampled :
TP-2

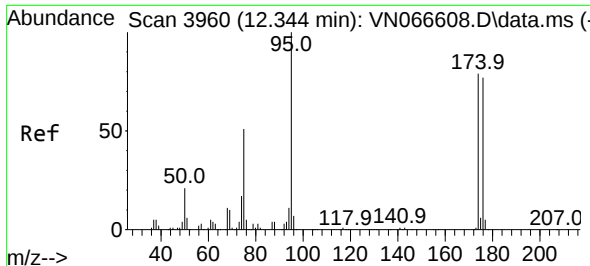
Tgt Ion: 76 Resp: 22054
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 102.84 ug/l
RT: 10.708 min Scan# 3350
Delta R.T. 0.014 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

Tgt Ion: 43 Resp: 320314
Ion Ratio Lower Upper
43 100
58 18.9 28.1 84.3#

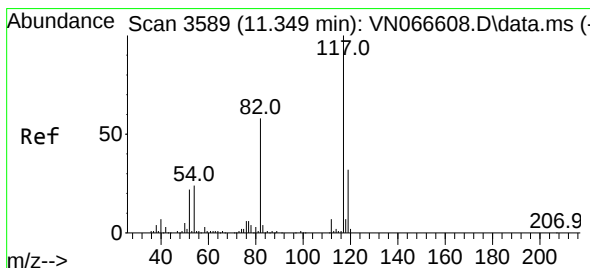
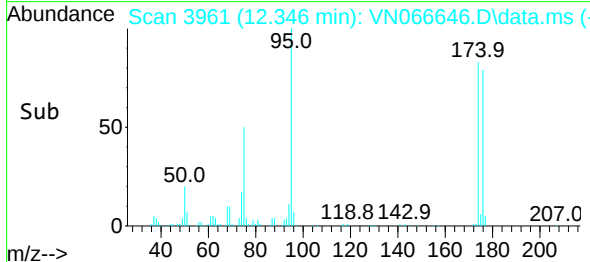
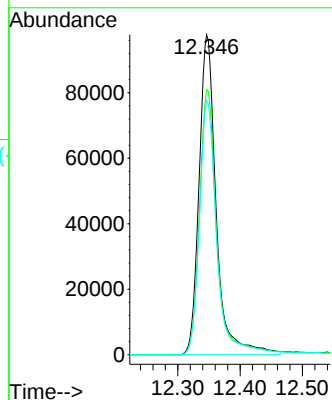
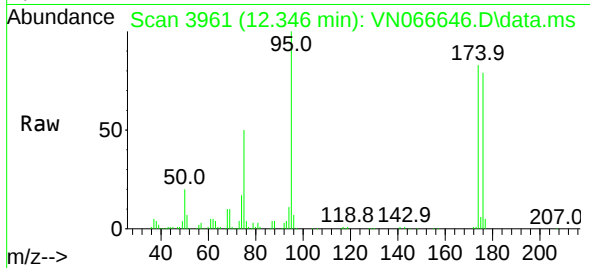




#62
4-Bromofluorobenzene
Concen: 48.76 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

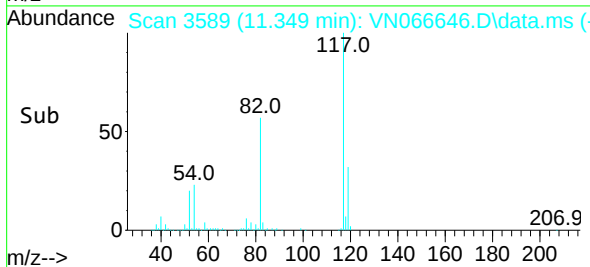
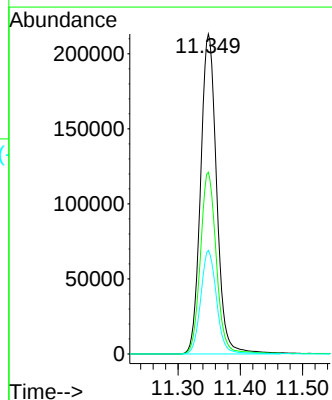
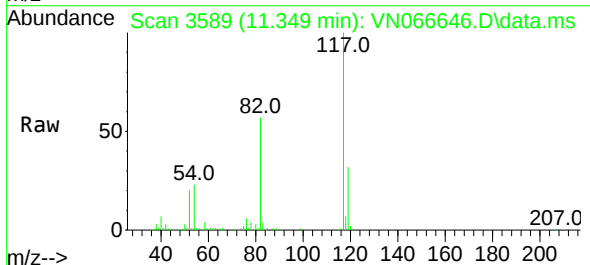
Instrument :
MSVOA_N
ClientSampled :
TP-2

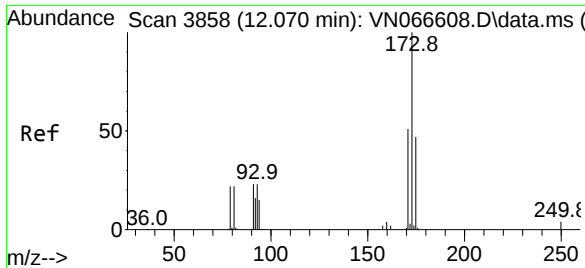
Tgt Ion: 95 Resp: 186627
Ion Ratio Lower Upper
95 100
174 85.2 0.0 169.0
176 80.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.349 min Scan# 3589
Delta R.T. -0.000 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

Tgt Ion: 117 Resp: 381917
Ion Ratio Lower Upper
117 100
82 56.8 43.7 65.5
119 32.3 26.1 39.1

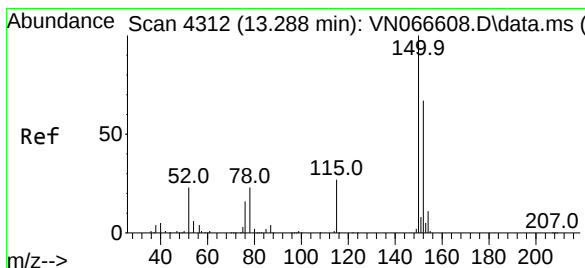
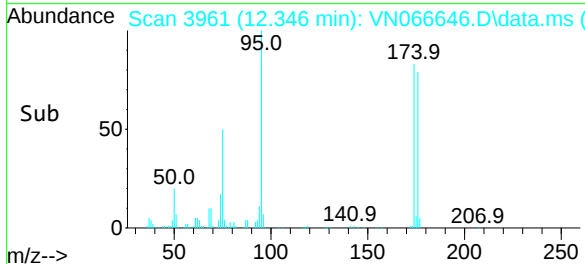
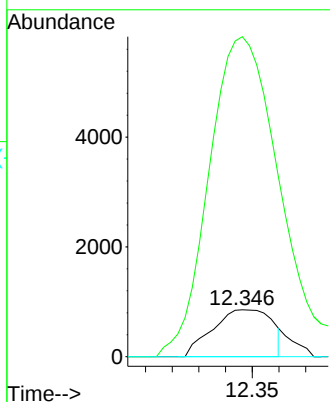
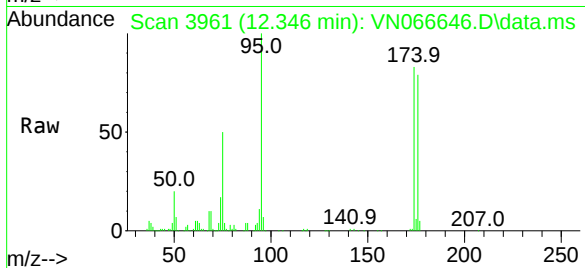




#71
Bromoform
Concen: 0.58 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.276 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

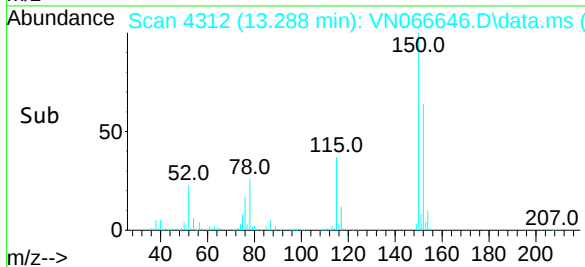
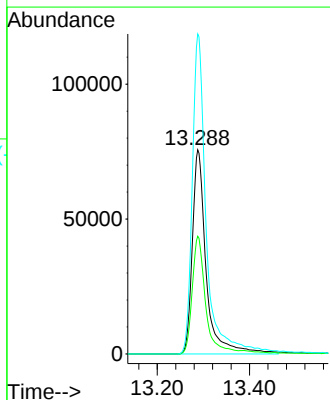
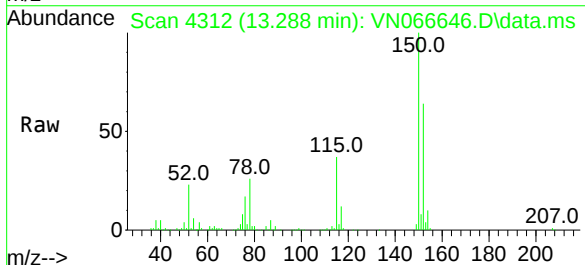
Instrument :
MSVOA_N
ClientSampled :
TP-2

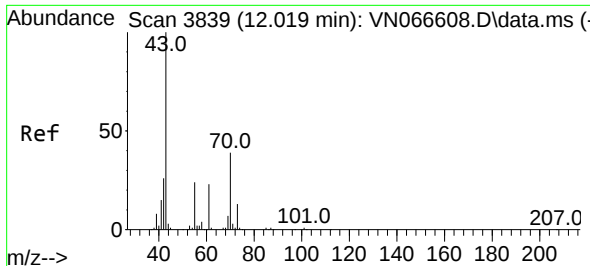
Tgt Ion:173 Resp: 1330
Ion Ratio Lower Upper
173 100
175 690.1 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.288 min Scan# 4312
Delta R.T. -0.000 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

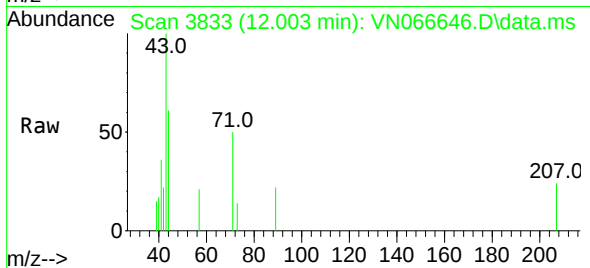
Tgt Ion:152 Resp: 159008
Ion Ratio Lower Upper
152 100
115 55.0 28.5 85.6
150 155.8 0.0 347.6



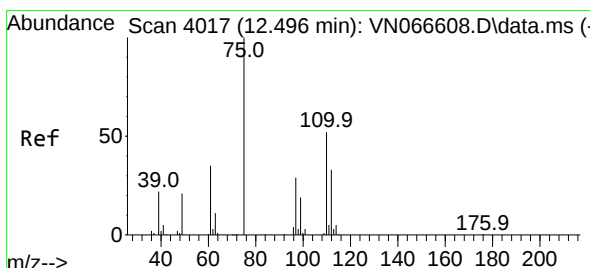
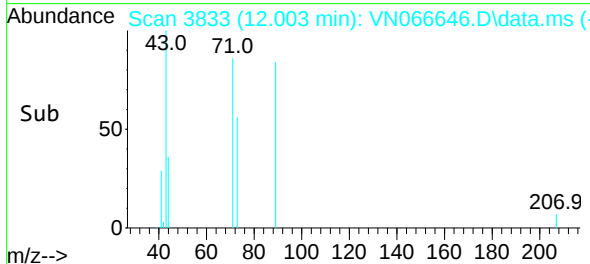
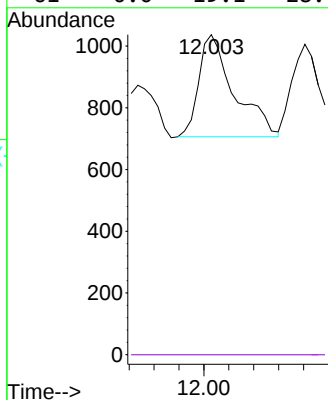


#74
N-amy1 acetate
Concen: 9.80 ug/l
RT: 12.003 min Scan# 3833
Delta R.T. -0.016 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

Instrument :
MSVOA_N
ClientSampled :
TP-2

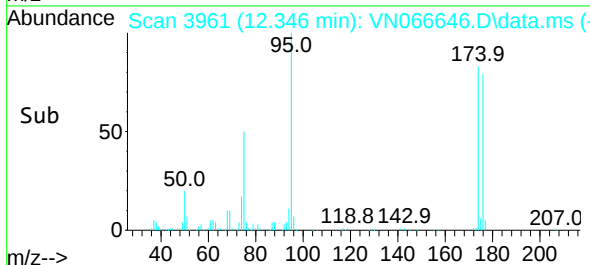
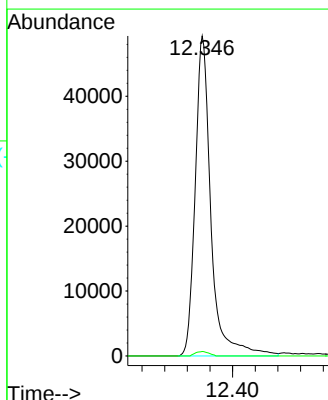
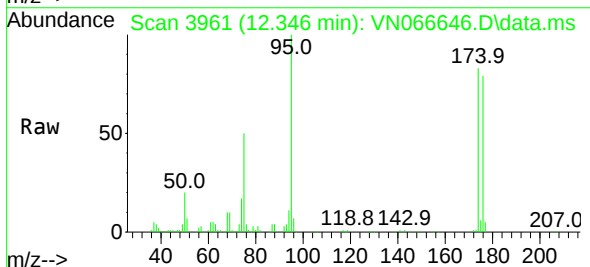


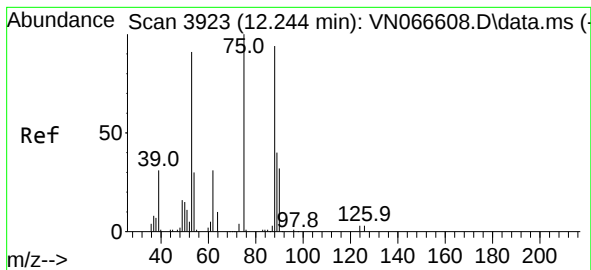
Tgt Ion: 43	Resp: 327
Ion Ratio	Lower Upper
43 100	
70 0.0	34.4 51.6#
55 0.0	20.7 31.1#
61 0.0	19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 25.55 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066646.D
Acq: 16 Apr 2021 23:14

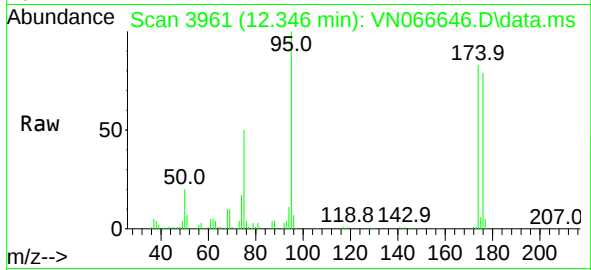
Tgt Ion: 75	Resp: 95016
Ion Ratio	Lower Upper
75 100	
77 1.2	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.86 ug/l
 RT: 12.346 min Scan# 3961
 Delta R.T. 0.102 min
 Lab File: VN066646.D
 Acq: 16 Apr 2021 23:14

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.2	35.8	53.8#

