

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
 Data File : VN066643.D
 Acq On : 16 Apr 2021 22:03
 Operator : JC/MD
 Sample : M2055-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Apr 17 05:21:25 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)

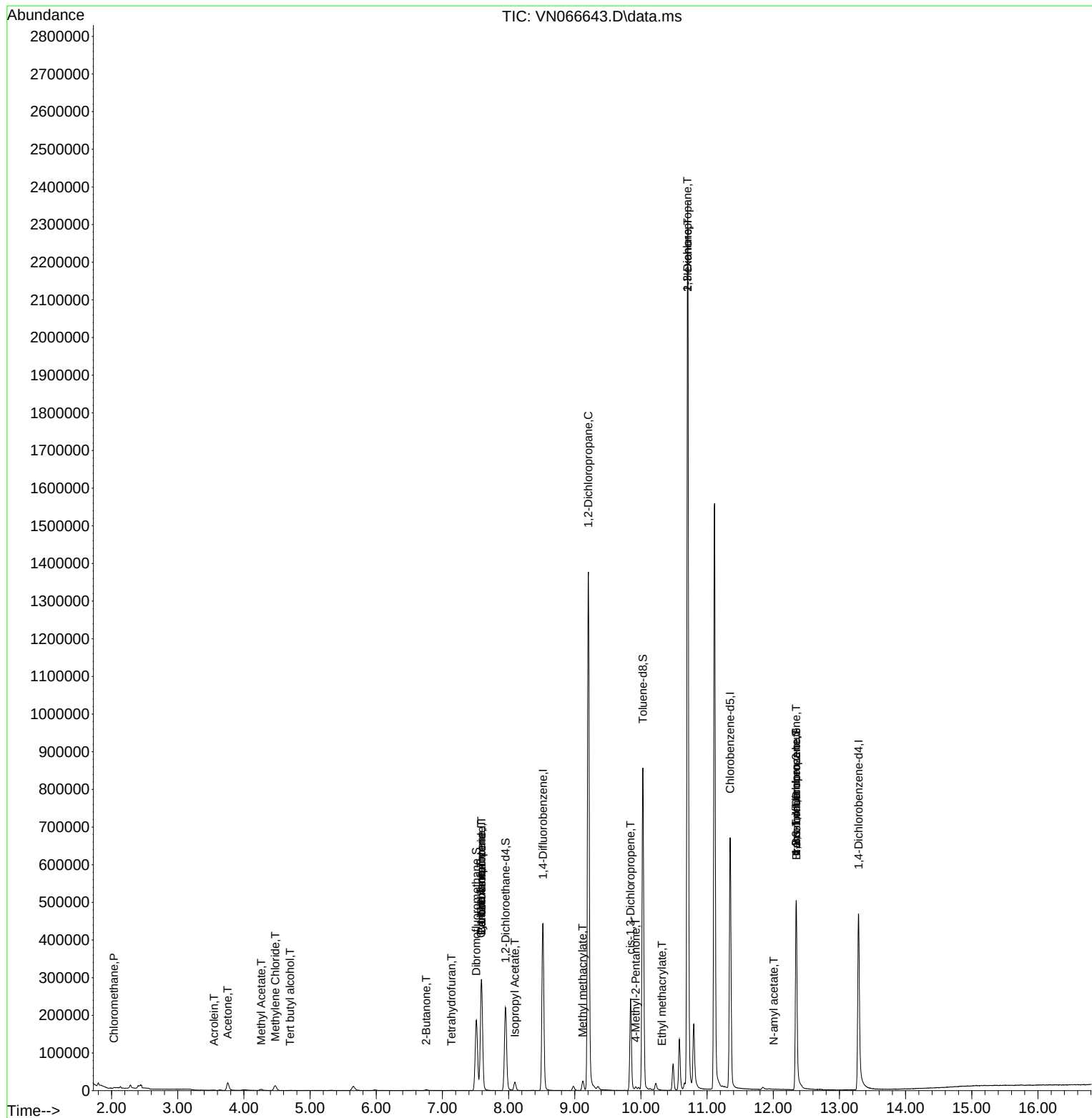
Internal Standards						
1) Pentafluorobenzene	7.591	168	253248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	404034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	394263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	160609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	191431	50.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.22%			
35) Dibromofluoromethane	7.513	113	147745	52.73	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.46%			
50) Toluene-d8	10.029	98	591187	53.83	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.66%			
62) 4-Bromofluorobenzene	12.346	95	195074	50.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.04%			
Target Compounds						Qvalue
3) Chloromethane	2.037	50	1291	0.29	ug/l	97
11) Tert butyl alcohol	4.700	59	430	0.70	ug/l #	73
13) Acrolein	3.549	56	341	1.04	ug/l	93
16) Acetone	3.756	43	34707	17.51	ug/l	95
18) Methyl Acetate	4.263	43	6710	1.63	ug/l #	54
20) Methylene Chloride	4.475	84	9592	2.66	ug/l	91
25) 2-Butanone	6.754	43	4670	2.07	ug/l	91
29) Tetrahydrofuran	7.138	42	347	0.23	ug/l #	32
31) Cyclohexane	7.586	56	5258	0.96	ug/l #	5
36) 1,1-Dichloropropene	7.588	75	19220	4.72	ug/l #	48
38) Carbon Tetrachloride	7.591	117	22627	5.93	ug/l #	18
43) Isopropyl Acetate	8.095	43	27663	3.59	ug/l #	86
45) 1,2-Dichloropropane	9.206	63	1596	0.44	ug/l #	44
48) Methyl methacrylate	9.117	41	6853	1.98	ug/l #	10
51) 4-Methyl-2-Pentanone	9.922	43	6645	1.46	ug/l	96
54) cis-1,3-Dichloropropene	9.844	75	43336	8.15	ug/l #	64
56) Ethyl methacrylate	10.319	69	49	0.90	ug/l #	27
57) 1,3-Dichloropropane	10.705	76	23950	4.50	ug/l #	43
59) 2-Hexanone	10.708	43	349733	110.91	ug/l #	49
71) Bromoform	12.349	173	1374	0.59	ug/l #	1
74) N-amyl acetate	12.008	43	134	9.75	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	99377	26.46	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	99377	81.59	ug/l #	12

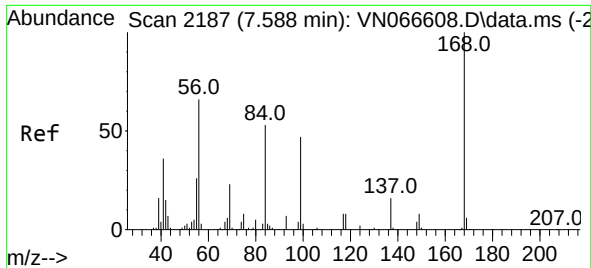
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 15 19:16:35 2021
Response via : Initial Calibration

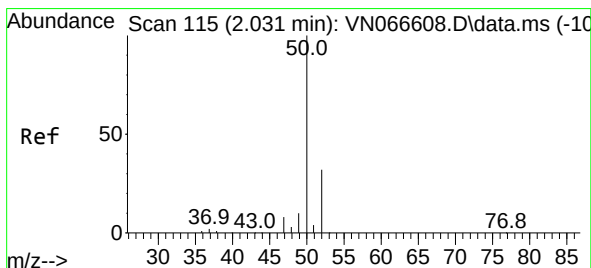
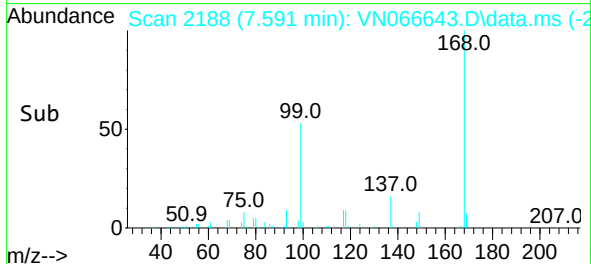
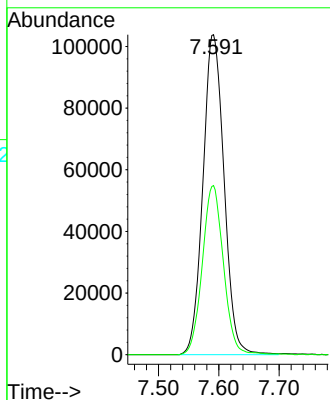
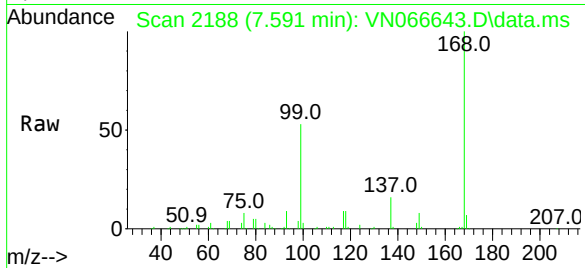




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

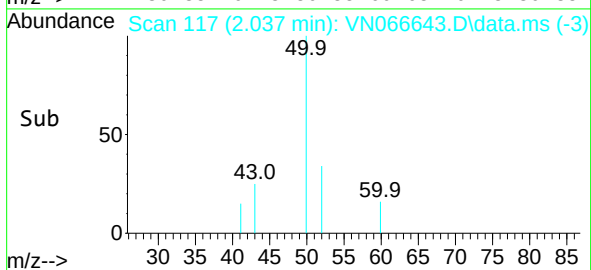
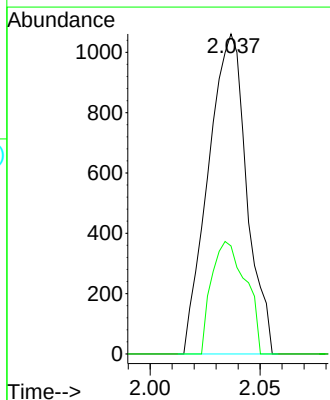
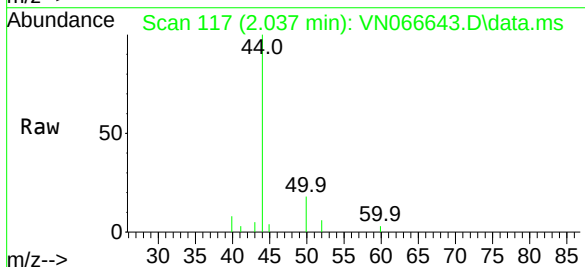
Instrument :
MSVOA_N
ClientSampled :
TP-5

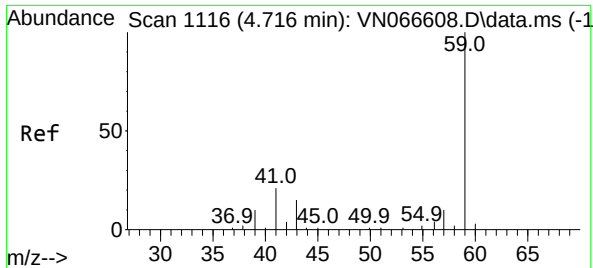
Tgt Ion:168 Resp: 253248
Ion Ratio Lower Upper
168 100
99 52.8 42.6 63.8



#3
Chloromethane
Concen: 0.29 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

Tgt Ion: 50 Resp: 1291
Ion Ratio Lower Upper
50 100
52 33.7 25.8 38.8

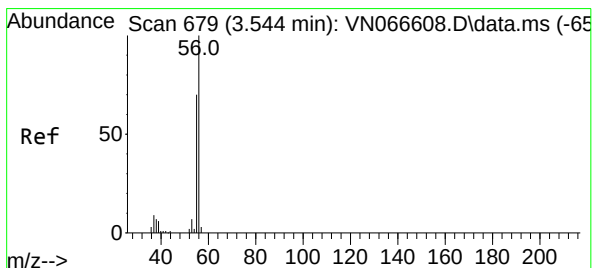
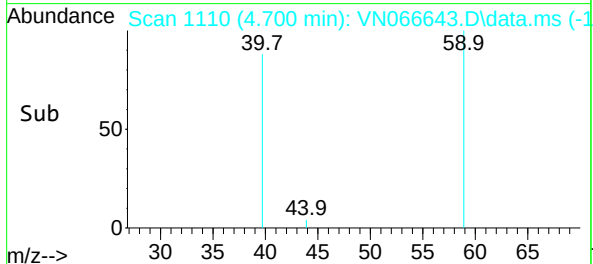
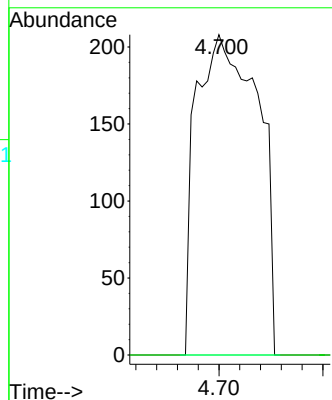
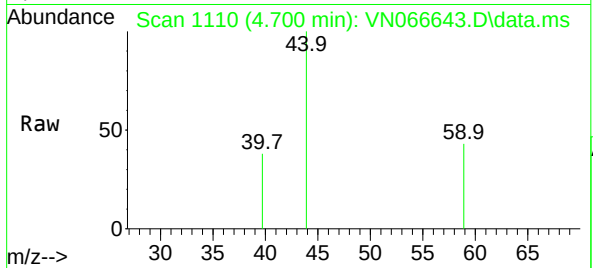




#11
Tert butyl alcohol
Concen: 0.70 ug/l
RT: 4.700 min Scan# 1110
Delta R.T. -0.016 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

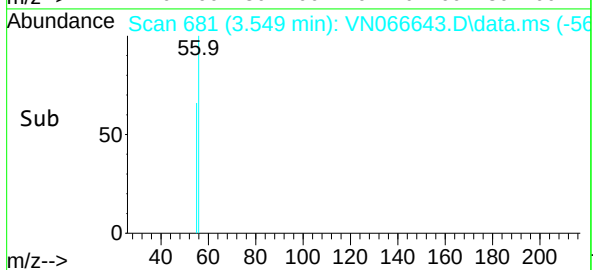
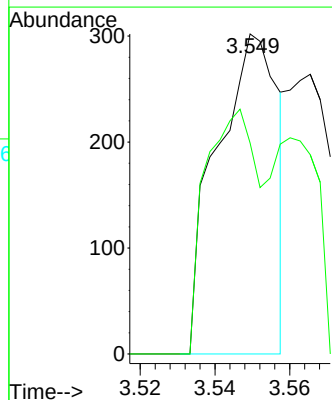
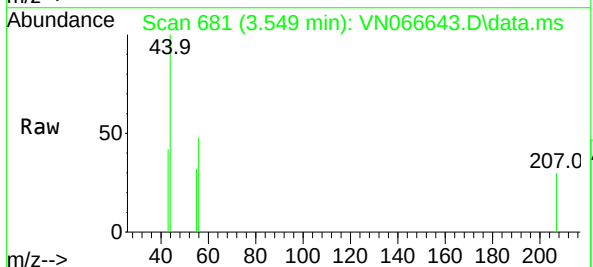
Instrument :
MSVOA_N
ClientSampled :
TP-5

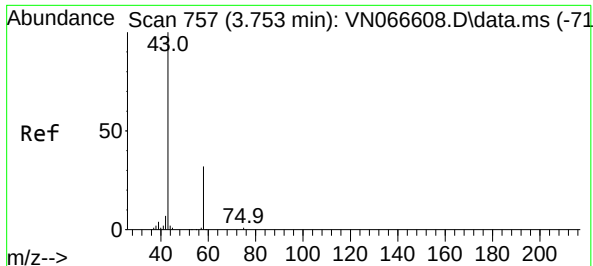
Tgt Ion: 59 Resp: 430
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 1.04 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.005 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

Tgt Ion: 56 Resp: 341
Ion Ratio Lower Upper
56 100
55 64.2 56.0 84.0

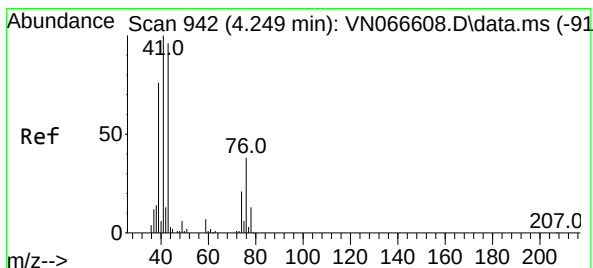
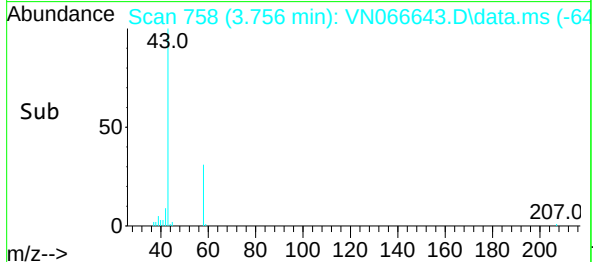
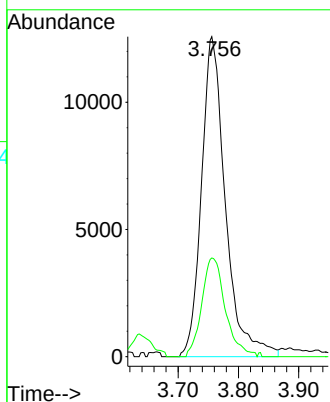
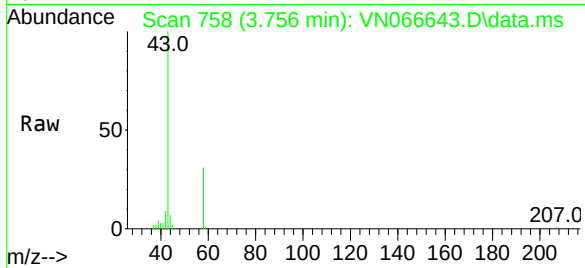




#16
Acetone
Concen: 17.51 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.003 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

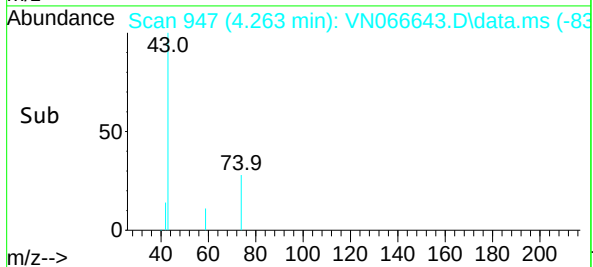
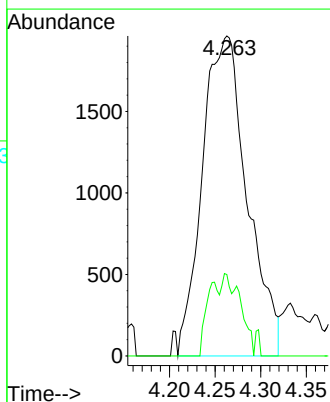
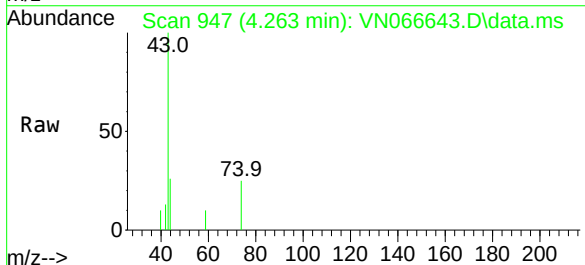
Instrument :
MSVOA_N
ClientSampled :
TP-5

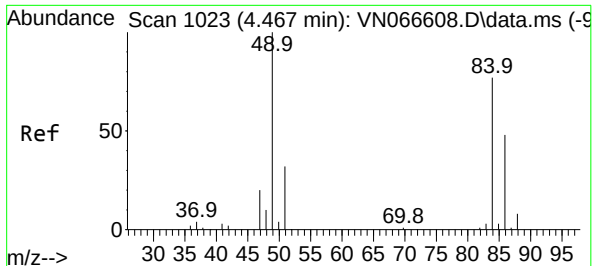
Tgt Ion: 43 Resp: 34707
Ion Ratio Lower Upper
43 100
58 30.9 27.0 40.6



#18
Methyl Acetate
Concen: 1.63 ug/l
RT: 4.263 min Scan# 947
Delta R.T. 0.014 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

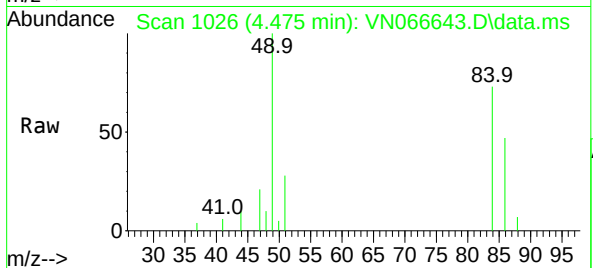
Tgt Ion: 43 Resp: 6710
Ion Ratio Lower Upper
43 100
74 1.7 19.5 29.3#



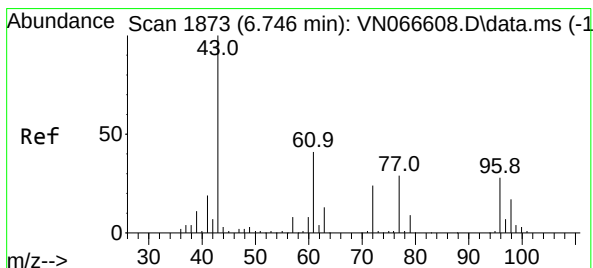
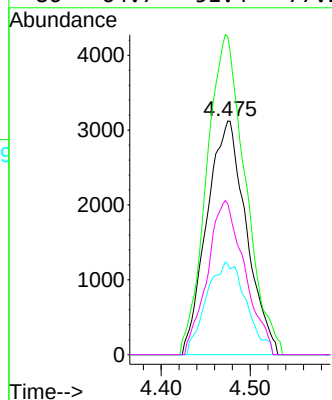
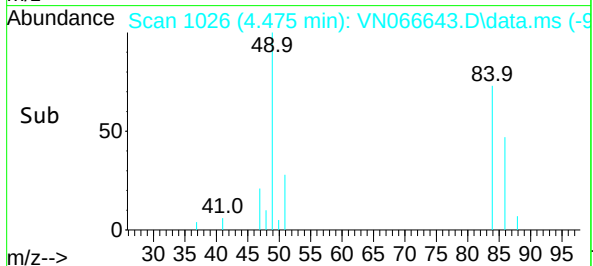


#20
Methylene Chloride
Concen: 2.66 ug/l
RT: 4.475 min Scan# 1026
Delta R.T. 0.008 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

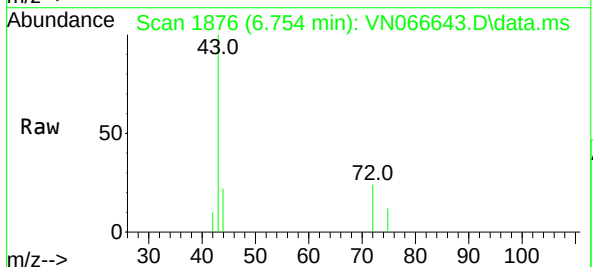
Instrument :
MSVOA_N
ClientSampled :
TP-5



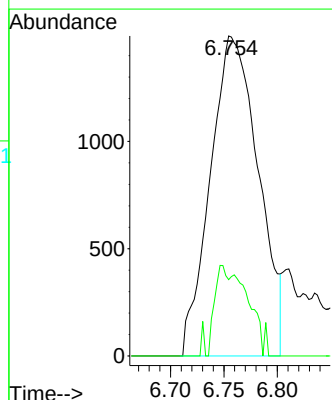
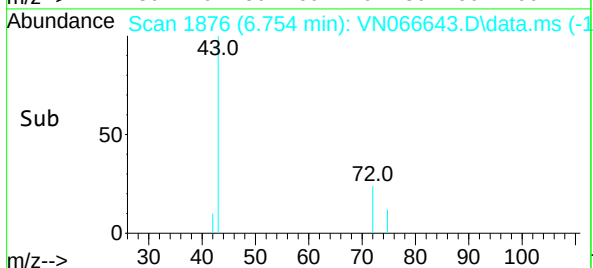
Tgt Ion:	84	Resp:	9592
Ion	Ratio	Lower	Upper
84	100		
49	136.2	94.6	141.8
51	38.7	29.9	44.9
86	64.7	51.4	77.2

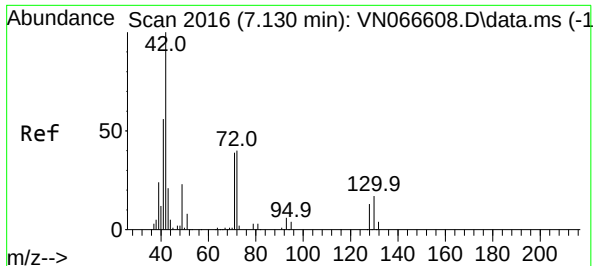


#25
2-Butanone
Concen: 2.07 ug/l
RT: 6.754 min Scan# 1876
Delta R.T. 0.008 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03



Tgt Ion:	43	Resp:	4670
Ion	Ratio	Lower	Upper
43	100		
72	23.9	23.1	34.7





#29

Tetrahydrofuran

Concen: 0.23 ug/l

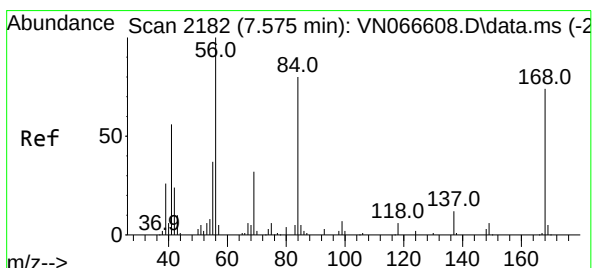
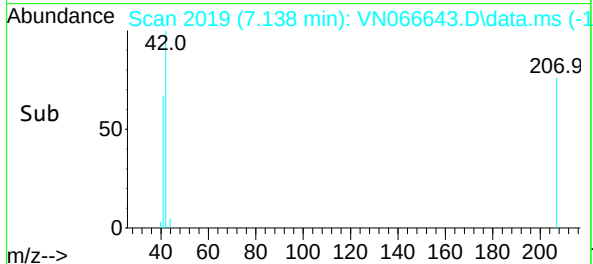
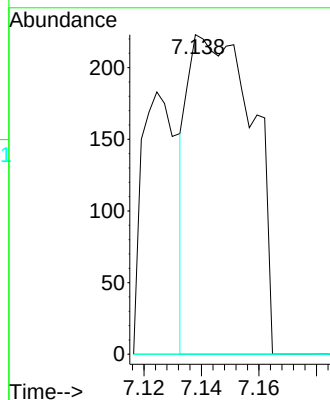
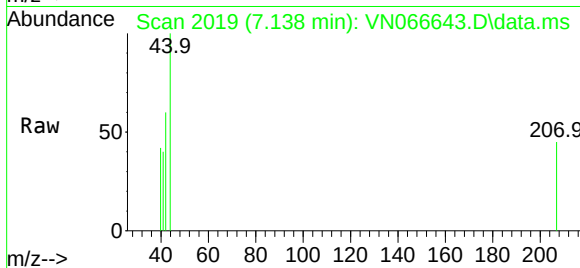
RT: 7.138 min Scan# 2019

Delta R.T. 0.008 min

Lab File: VN066643.D

Acq: 16 Apr 2021 22:03

Tgt Ion:	42	Resp:	347
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#



#31

Cyclohexane

Concen: 0.96 ug/l

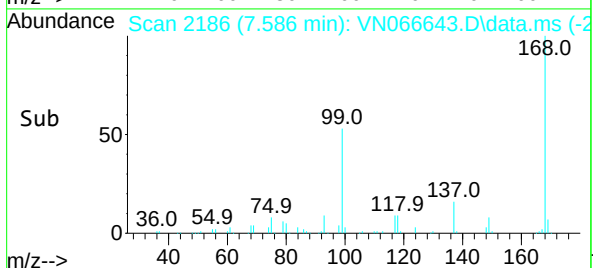
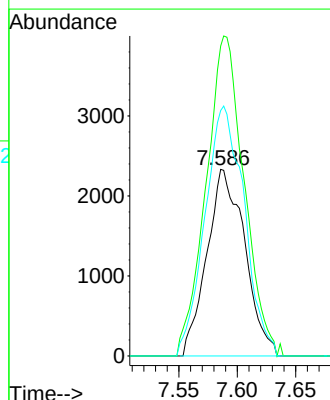
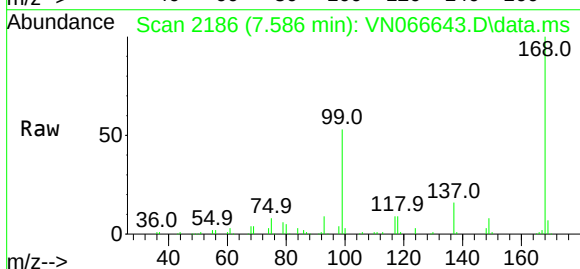
RT: 7.586 min Scan# 2186

Delta R.T. 0.011 min

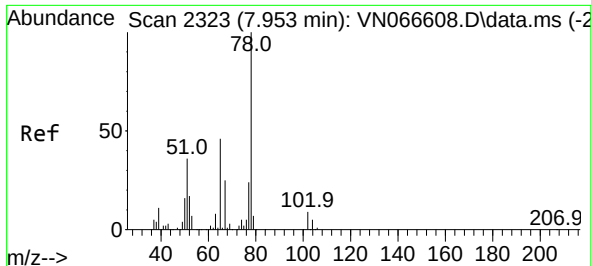
Lab File: VN066643.D

Acq: 16 Apr 2021 22:03

Tgt Ion:	56	Resp:	5258
Ion	Ratio	Lower	Upper
56	100		
69	159.7	26.6	39.8#
84	131.6	70.4	105.6#



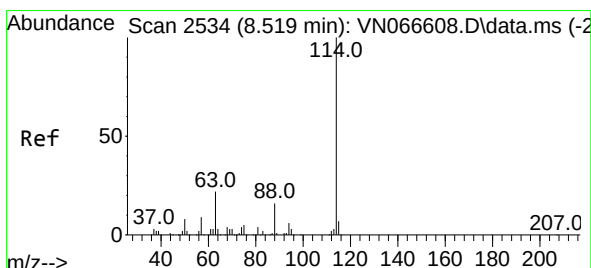
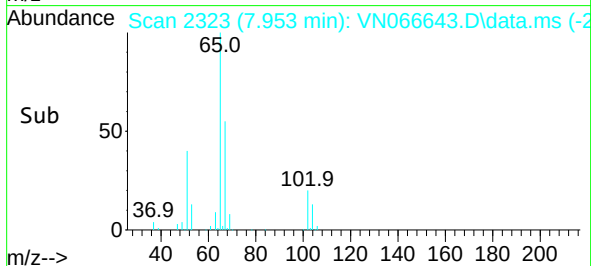
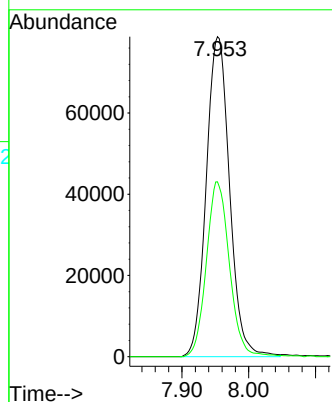
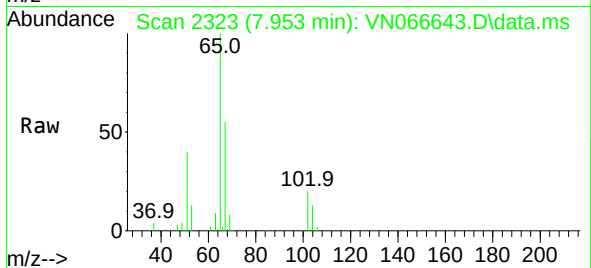
Instrument :
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#33
1,2-Dichloroethane-d4
Concen: 50.11 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

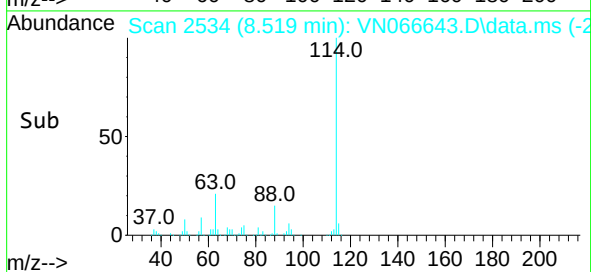
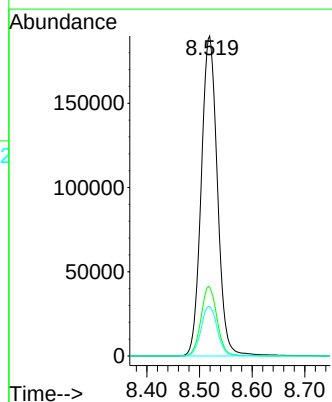
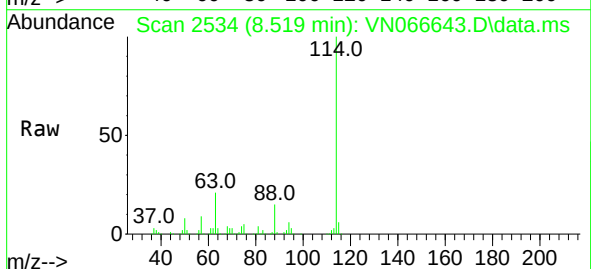
Instrument :
MSVOA_N
ClientSampled :
TP-5

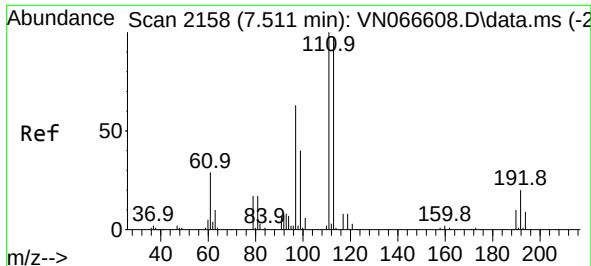
Tgt Ion: 65 Resp: 191431
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

Tgt Ion: 114 Resp: 404034
Ion Ratio Lower Upper
114 100
63 21.4 0.0 38.6
88 15.4 0.0 30.6

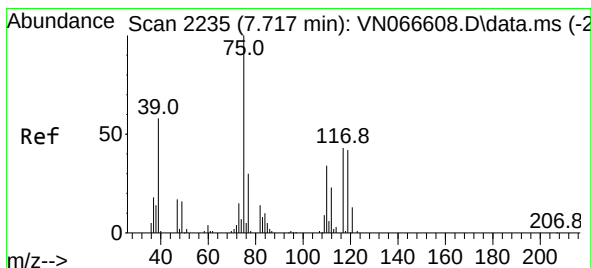
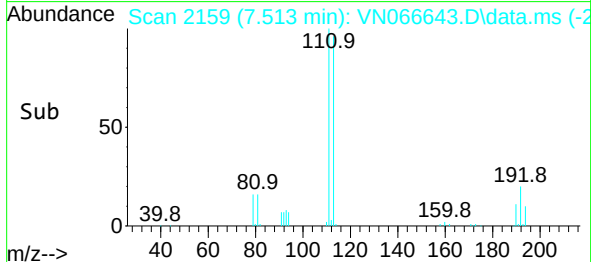
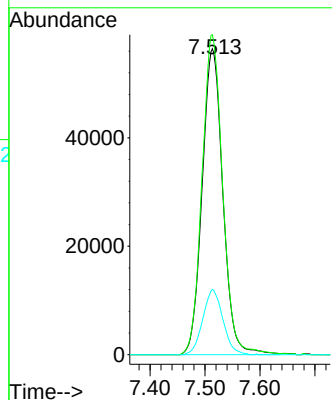
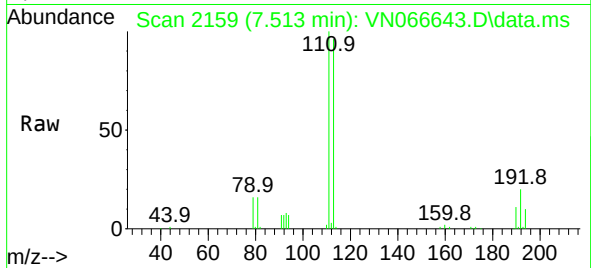




#35
Dibromofluoromethane
Concen: 52.73 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.002 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

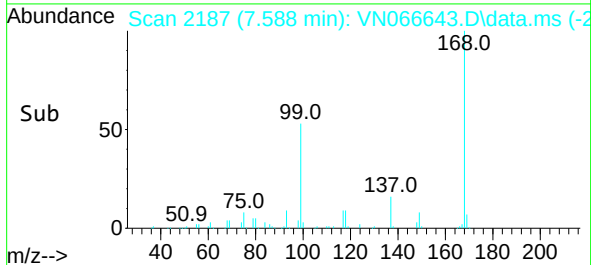
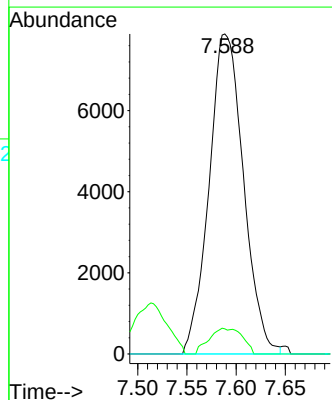
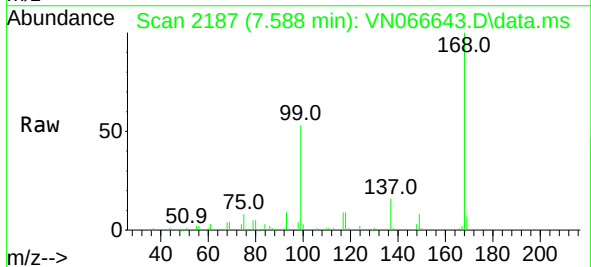
Instrument :
MSVOA_N
ClientSampleId :
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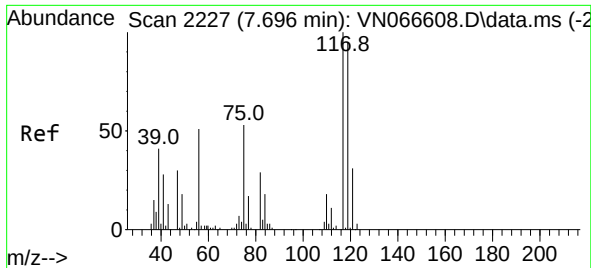
Tgt Ion:113 Resp: 147745
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 20.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

Tgt Ion: 75 Resp: 19220
Ion Ratio Lower Upper
75 100
110 7.7 18.2 54.6#
77 0.0 24.9 37.3#

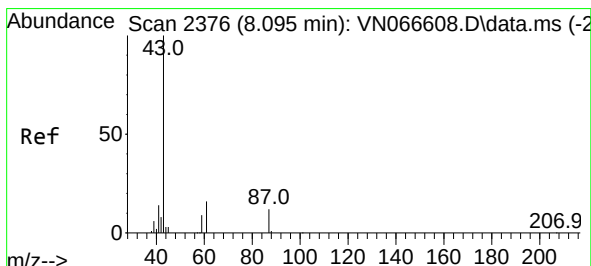
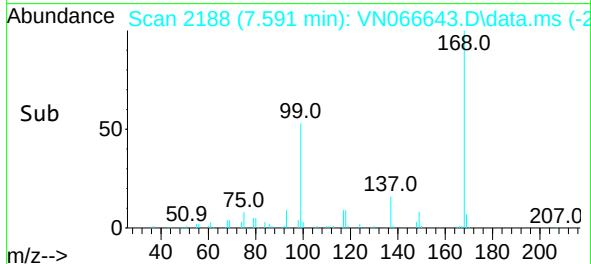
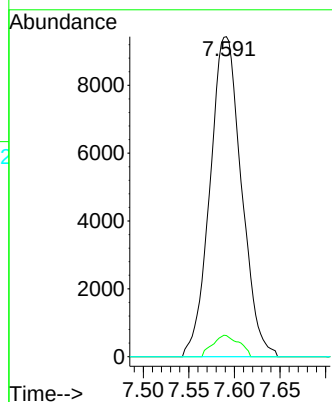
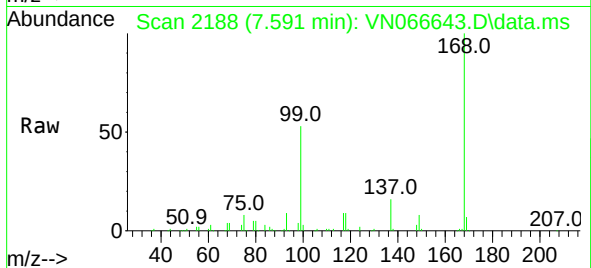




#38
Carbon Tetrachloride
Concen: 5.93 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.105 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

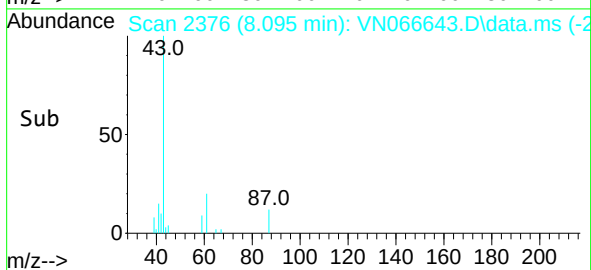
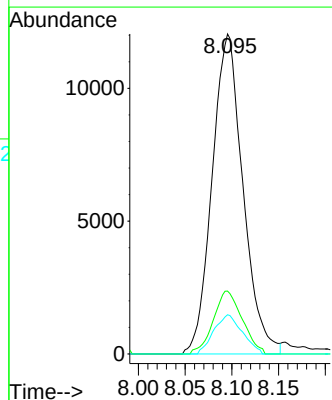
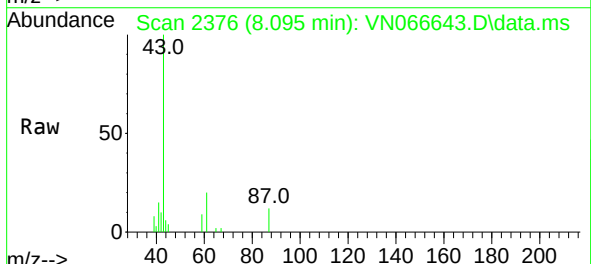
Instrument :
MSVOA_N
ClientSampled :
TP-5

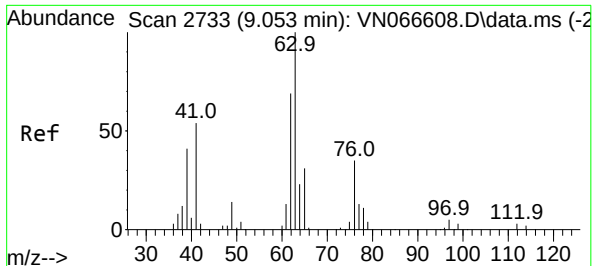
Tgt Ion:117 Resp: 22627
Ion Ratio Lower Upper
117 100
119 6.6 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 3.59 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.000 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

Tgt Ion: 43 Resp: 27663
Ion Ratio Lower Upper
43 100
61 18.5 22.5 33.7#
87 11.3 11.1 16.7



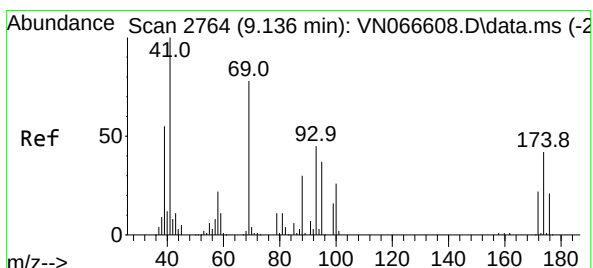
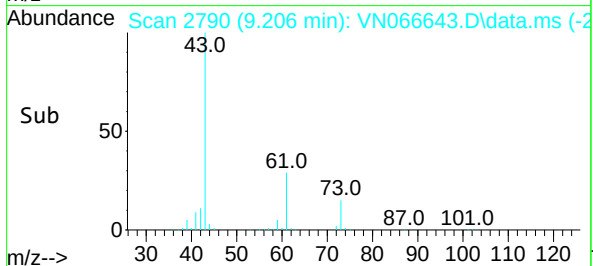
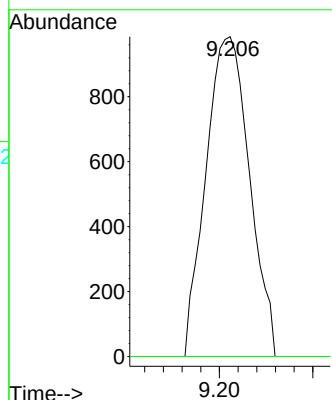
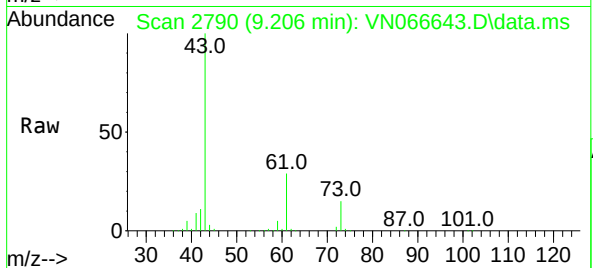


#45

1,2-Dichloropropane
Concen: 0.44 ug/l
RT: 9.206 min Scan# 2790
Delta R.T. 0.153 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

Instrument :
MSVOA_N
ClientSampled :
TP-5

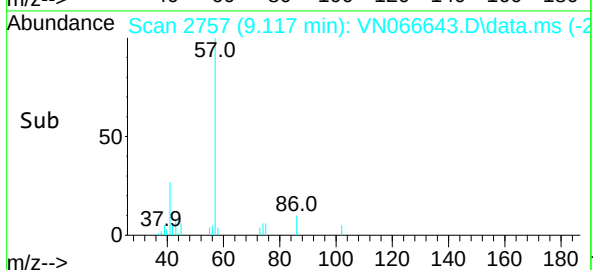
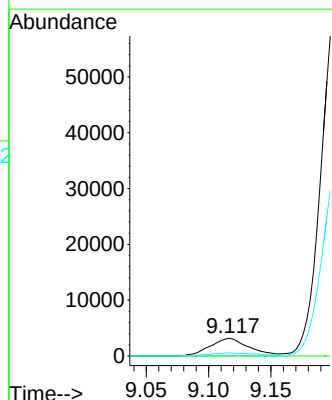
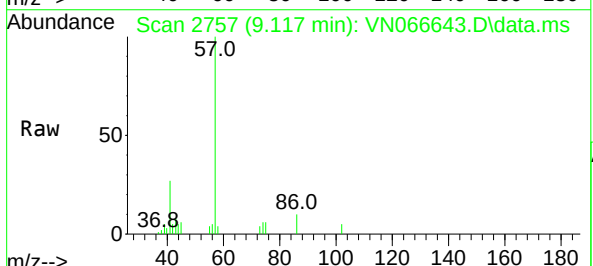
Tgt Ion: 63 Resp: 1596
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

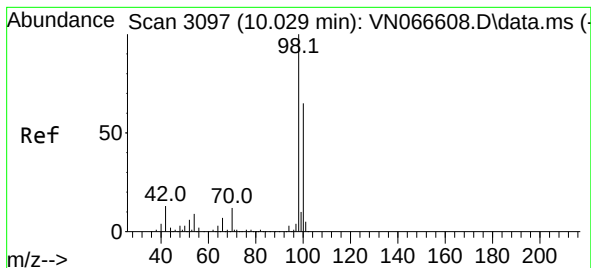


#48

Methyl methacrylate
Concen: 1.98 ug/l
RT: 9.117 min Scan# 2757
Delta R.T. -0.019 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

Tgt Ion: 41 Resp: 6853
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

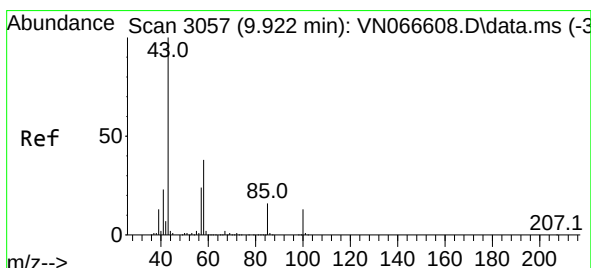
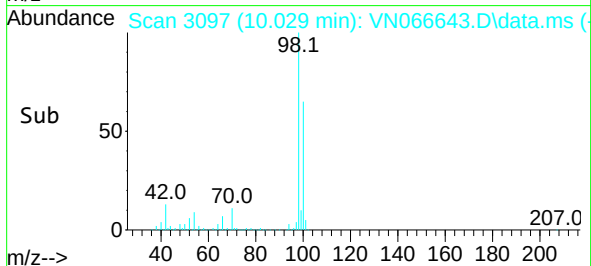
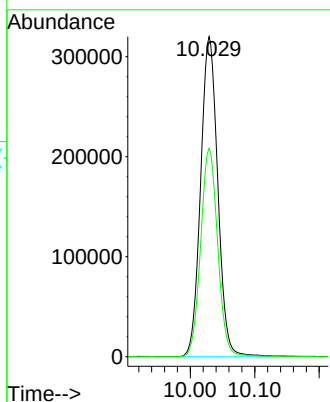
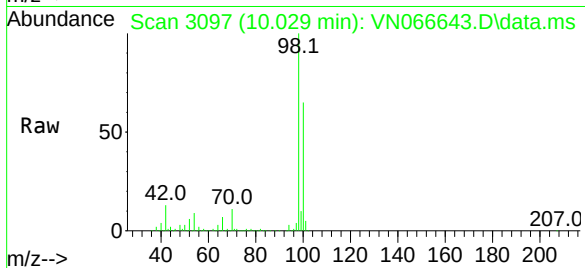




#50
Toluene-d8
Concen: 53.83 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.000 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

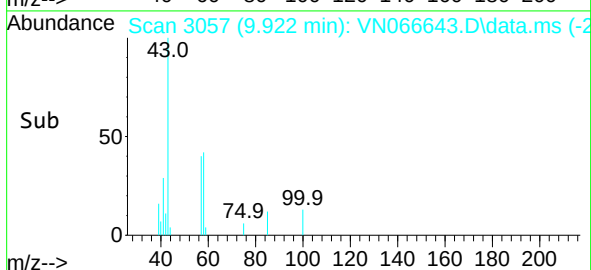
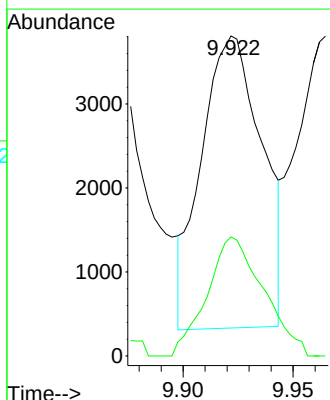
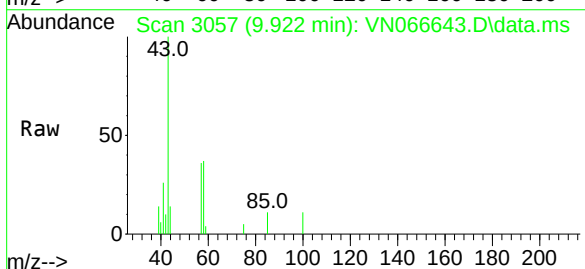
Instrument :
MSVOA_N
ClientSampled :
TP-5

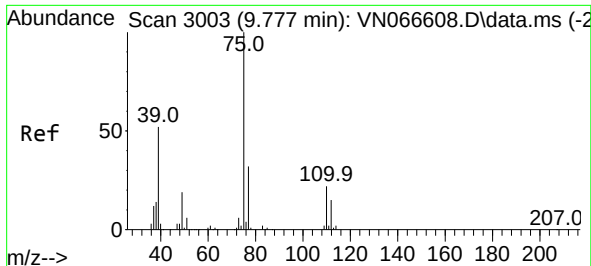
Tgt Ion: 98 Resp: 591187
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.46 ug/l
RT: 9.922 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

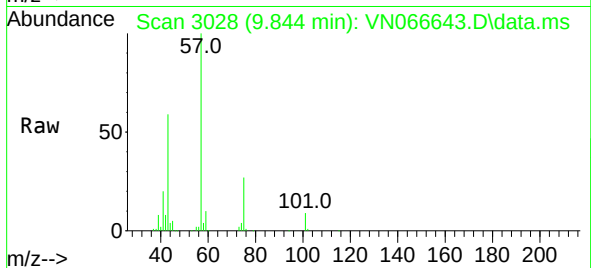
Tgt Ion: 43 Resp: 6645
Ion Ratio Lower Upper
43 100
58 38.0 32.5 48.7



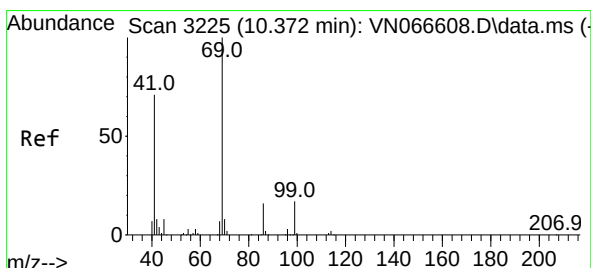
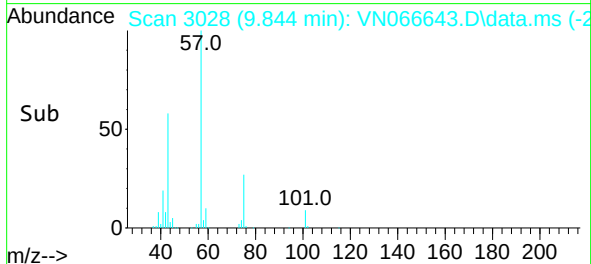
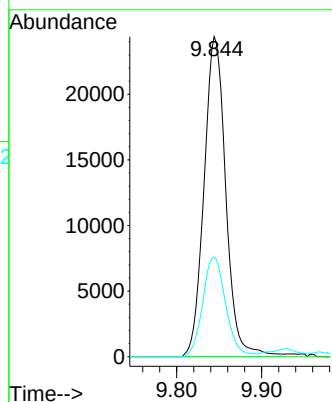


#54
cis-1,3-Dichloropropene
Concen: 8.15 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

Instrument :
MSVOA_N
ClientSampled :
TP-5

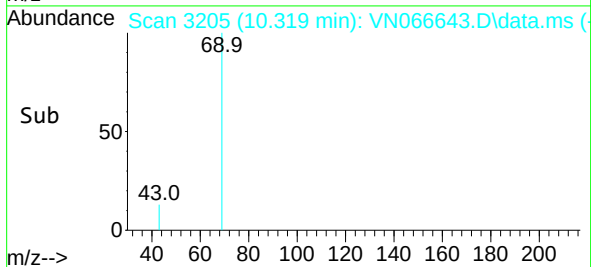
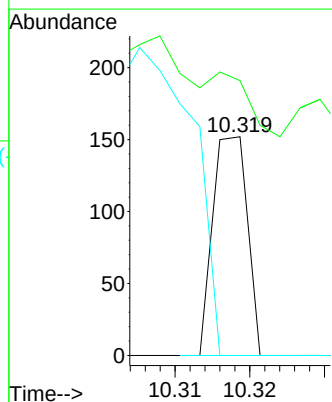
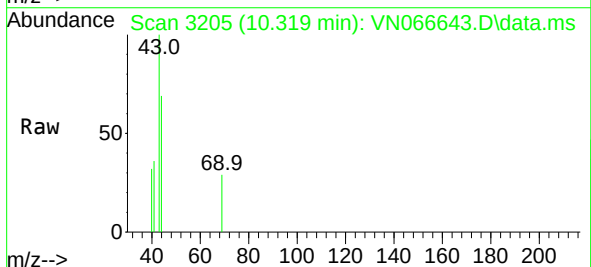


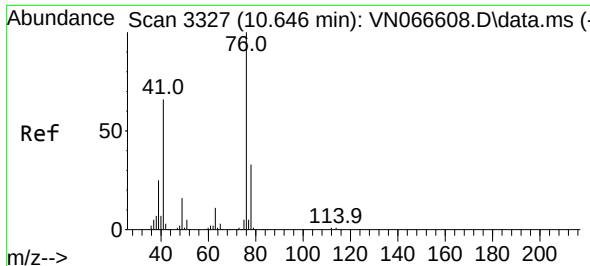
Tgt Ion: 75 Resp: 43336
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 31.0 36.2 54.4#



#56
Ethyl methacrylate
Concen: 0.90 ug/l
RT: 10.319 min Scan# 3205
Delta R.T. -0.053 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

Tgt Ion: 69 Resp: 49
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

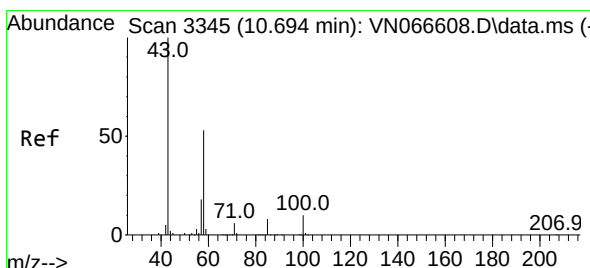
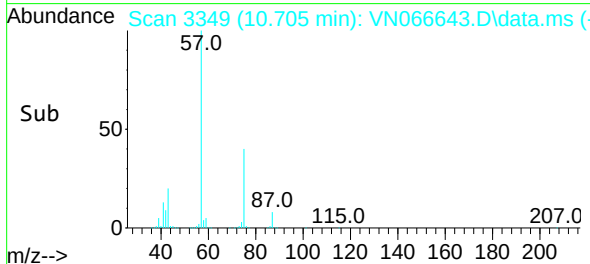
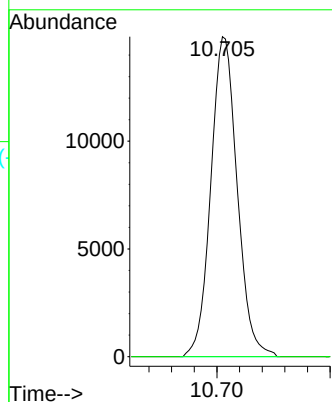
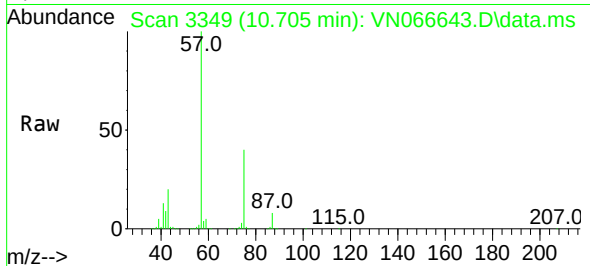




#57
1,3-Dichloropropane
Concen: 4.50 ug/l
RT: 10.705 min Scan# 3349
Delta R.T. 0.059 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

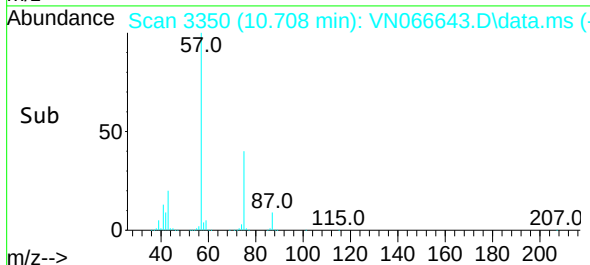
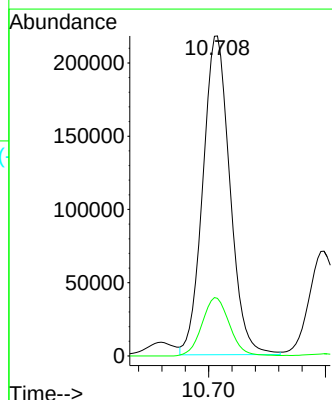
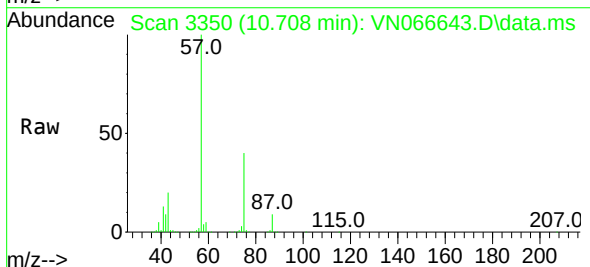
Instrument :
MSVOA_N
ClientSampled :
TP-5

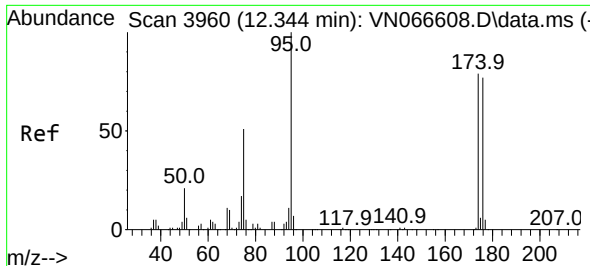
Tgt Ion: 76 Resp: 23950
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 110.91 ug/l
RT: 10.708 min Scan# 3350
Delta R.T. 0.014 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

Tgt Ion: 43 Resp: 349733
Ion Ratio Lower Upper
43 100
58 18.7 28.1 84.3#

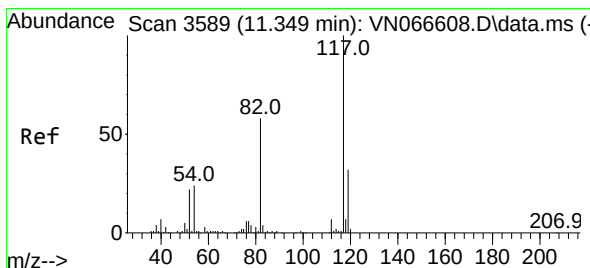
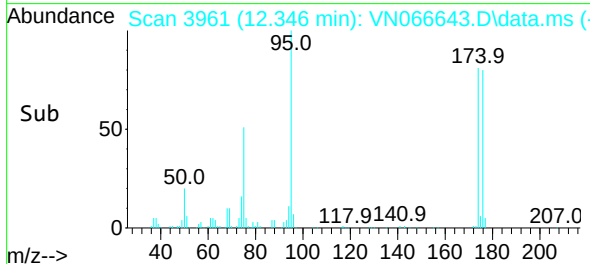
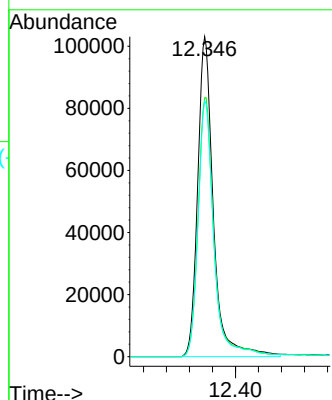
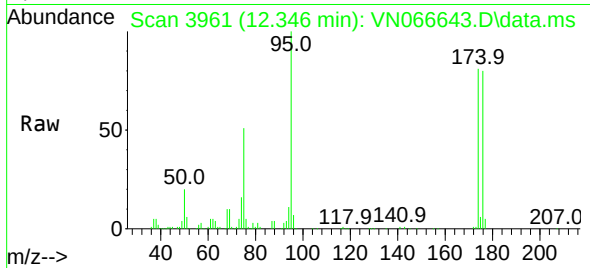




#62
4-Bromofluorobenzene
Concen: 50.52 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

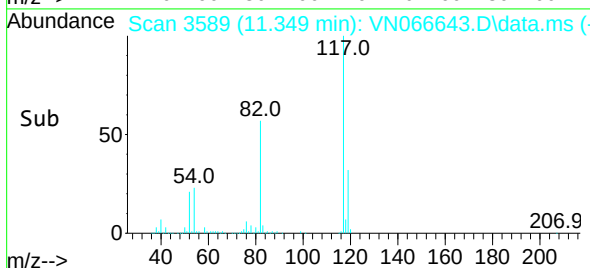
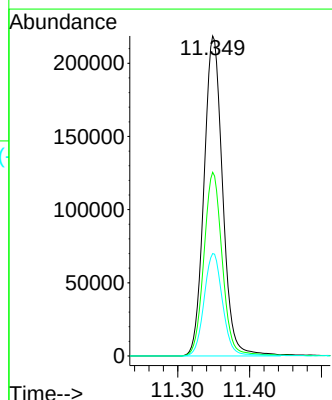
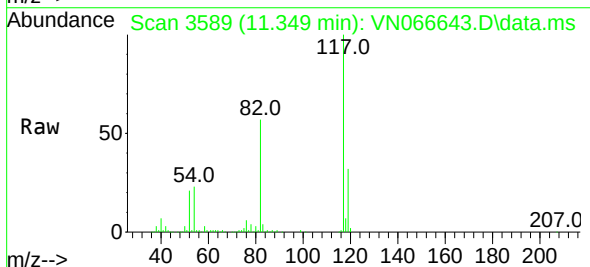
Instrument :
MSVOA_N
ClientSampleId :
TP-5

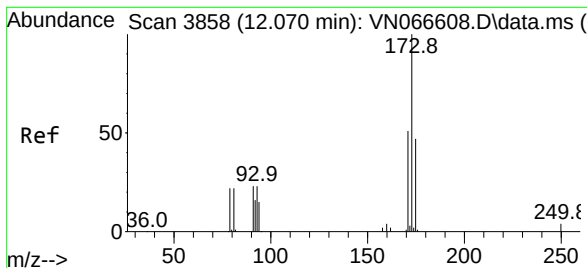
Tgt Ion: 95 Resp: 195074
Ion Ratio Lower Upper
95 100
174 83.0 0.0 169.0
176 80.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.349 min Scan# 3589
Delta R.T. -0.000 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

Tgt Ion: 117 Resp: 394263
Ion Ratio Lower Upper
117 100
82 57.4 43.7 65.5
119 32.0 26.1 39.1

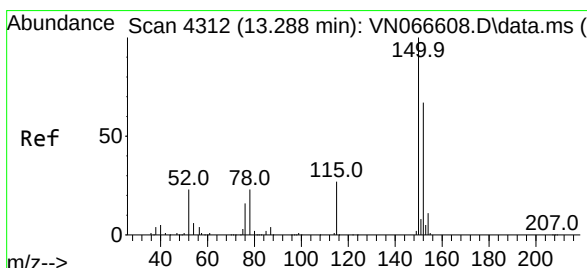
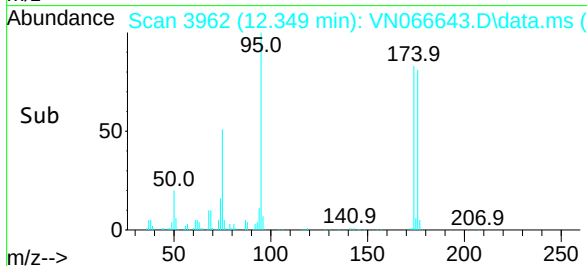
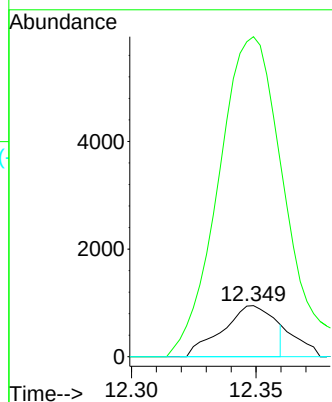
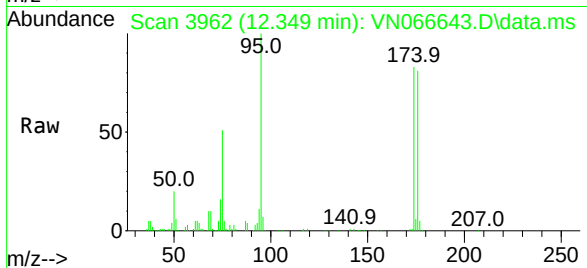




#71
Bromoform
Concen: 0.59 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.279 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

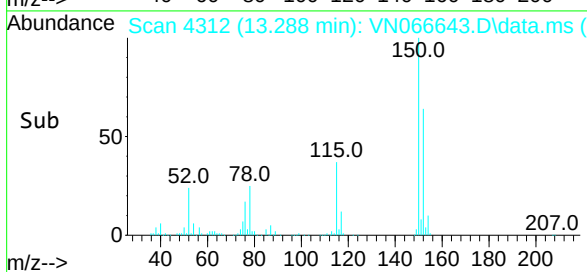
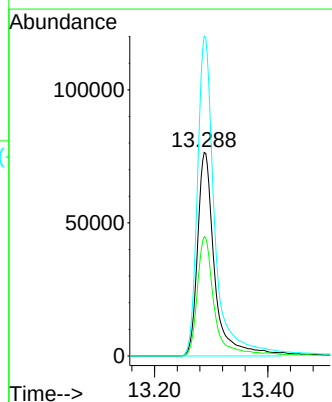
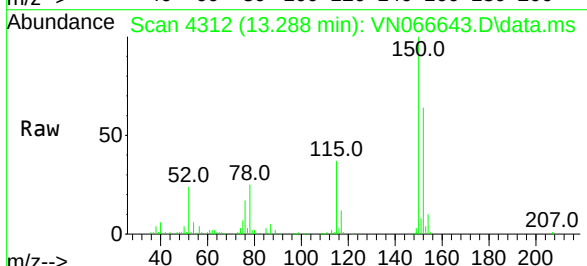
Instrument :
MSVOA_N
ClientSampled :
TP-5

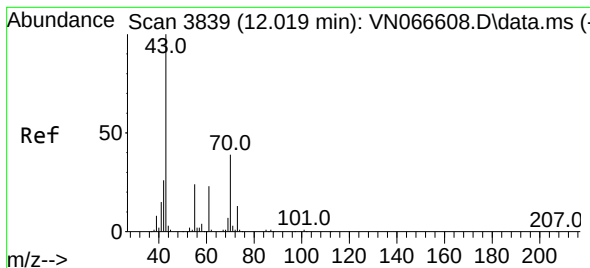
Tgt Ion:173 Resp: 1374
Ion Ratio Lower Upper
173 100
175 672.6 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.288 min Scan# 4312
Delta R.T. -0.000 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

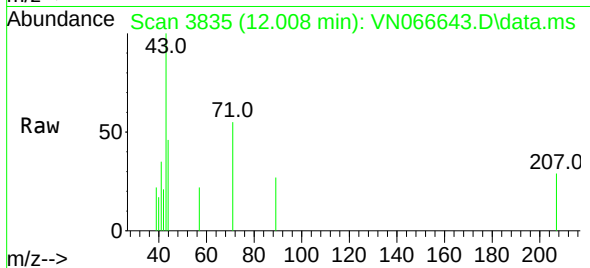
Tgt Ion:152 Resp: 160609
Ion Ratio Lower Upper
152 100
115 57.6 28.5 85.6
150 160.3 0.0 347.6



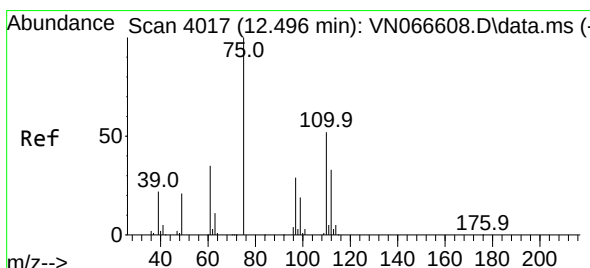
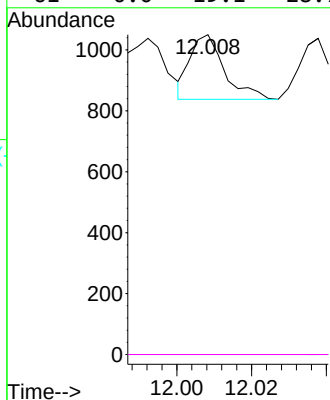
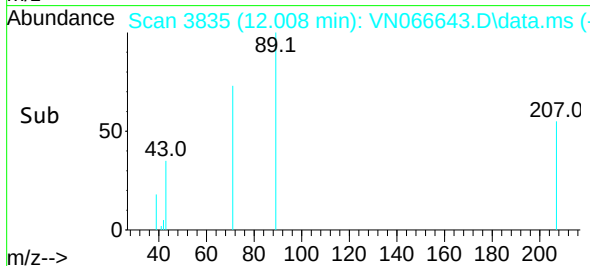


#74
N-amy1 acetate
Concen: 9.75 ug/l
RT: 12.008 min Scan# 3835
Delta R.T. -0.011 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03

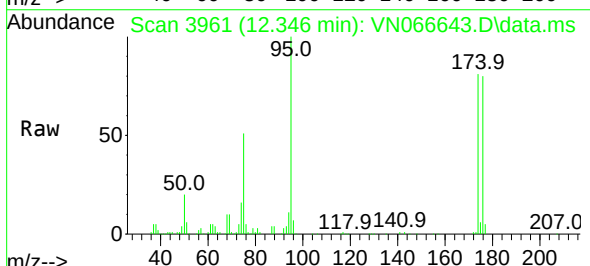
Instrument :
MSVOA_N
ClientSampleId :
TP-5



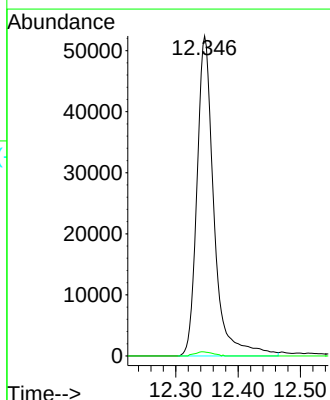
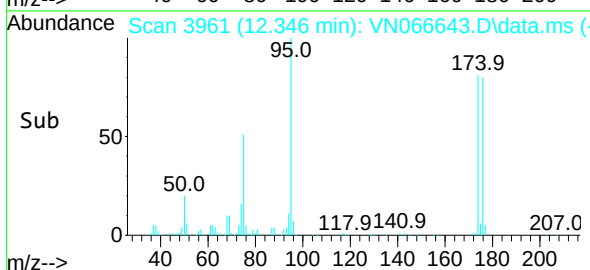
Tgt Ion: 43 Resp: 134
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#

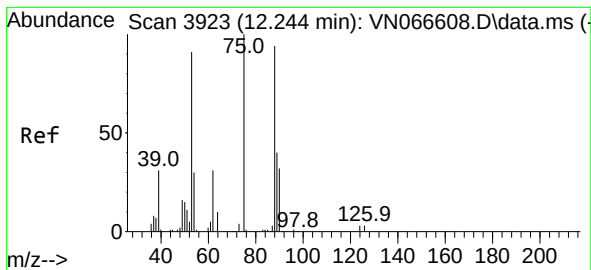


#76
1,2,3-Trichloropropane
Concen: 26.46 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066643.D
Acq: 16 Apr 2021 22:03



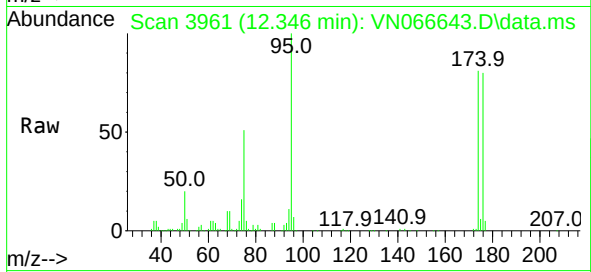
Tgt Ion: 75 Resp: 99377
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.59 ug/l
 RT: 12.346 min Scan# 3961
 Delta R.T. 0.102 min
 Lab File: VN066643.D
 Acq: 16 Apr 2021 22:03

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5



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

