

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
 Data File : VN066645.D
 Acq On : 16 Apr 2021 22:50
 Operator : JC/MD
 Sample : M2055-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Apr 17 05:21:57 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)

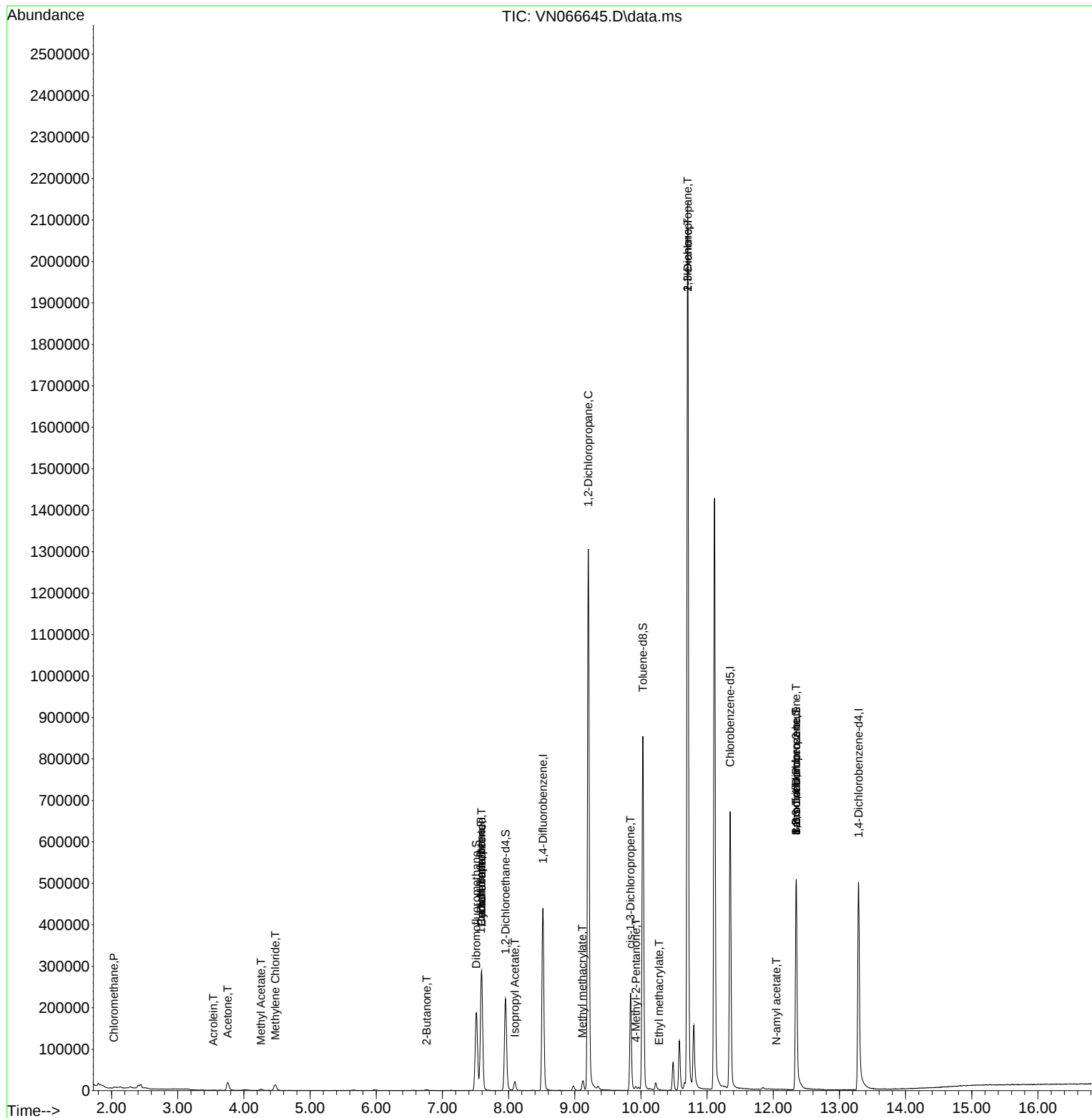
Internal Standards						
1) Pentafluorobenzene	7.591	168	248125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	394420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	389878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	169200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	188601	50.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.78%			
35) Dibromofluoromethane	7.513	113	149268	54.57	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.14%			
50) Toluene-d8	10.029	98	586980	54.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.50%			
62) 4-Bromofluorobenzene	12.346	95	196736	52.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.38%			
Target Compounds					Qvalue	
3) Chloromethane	2.037	50	1119	0.25	ug/l	95
13) Acrolein	3.538	56	203	0.63	ug/l #	9
16) Acetone	3.756	43	34065	17.56	ug/l	93
18) Methyl Acetate	4.257	43	6780	1.68	ug/l #	69
20) Methylene Chloride	4.474	84	10378	2.93	ug/l	96
25) 2-Butanone	6.760	43	4646	2.11	ug/l	92
31) Cyclohexane	7.591	56	4974	0.92	ug/l #	1
36) 1,1-Dichloropropene	7.586	75	18582	4.67	ug/l #	48
38) Carbon Tetrachloride	7.591	117	22134	5.94	ug/l #	17
43) Isopropyl Acetate	8.095	43	27249	3.62	ug/l #	86
45) 1,2-Dichloropropane	9.203	63	1499	0.42	ug/l #	44
48) Methyl methacrylate	9.114	41	6479	1.91	ug/l #	10
51) 4-Methyl-2-Pentanone	9.924	43	7167	1.62	ug/l #	83
54) cis-1,3-Dichloropropene	9.844	75	42193	8.12	ug/l #	65
56) Ethyl methacrylate	10.276	69	103	0.92	ug/l #	27
57) 1,3-Dichloropropane	10.707	76	21551	4.15	ug/l #	43
59) 2-Hexanone	10.707	43	320321	104.36	ug/l #	48
71) Bromoform	12.346	173	1376	0.59	ug/l #	1
74) N-amyl acetate	12.046	43	111	9.75	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	98561	24.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	98561	76.93	ug/l #	12

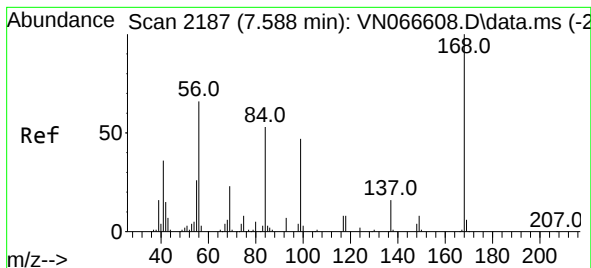
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.591 min Scan# 2188

Delta R.T. 0.003 min

Lab File: VN066645.D

Acq: 16 Apr 2021 22:50

Instrument :

MSVOA_N

ClientSampleId :

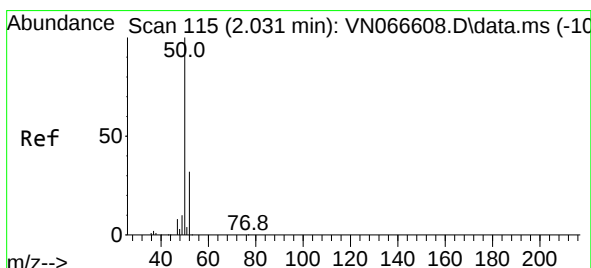
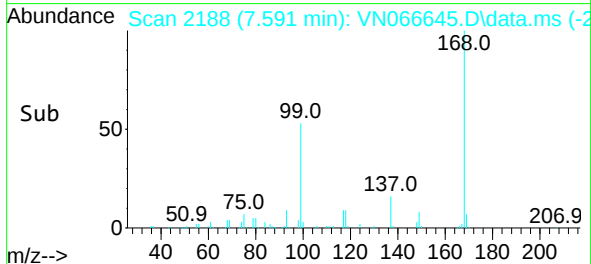
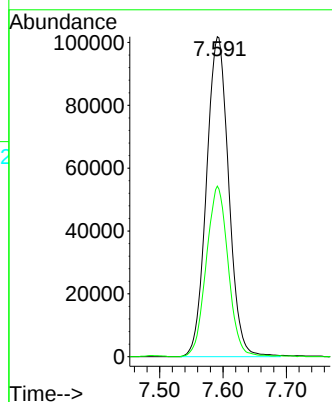
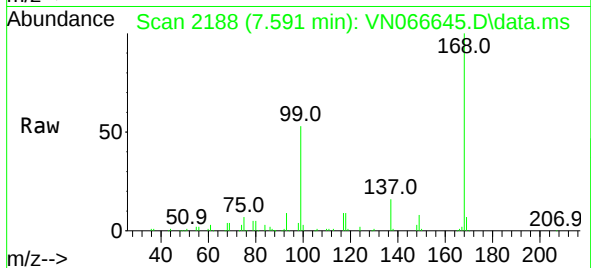
TP-3

Tgt Ion:168 Resp: 248125

Ion Ratio Lower Upper

168 100

99 53.3 42.6 63.8



#3

Chloromethane

Concen: 0.25 ug/l

RT: 2.037 min Scan# 117

Delta R.T. 0.006 min

Lab File: VN066645.D

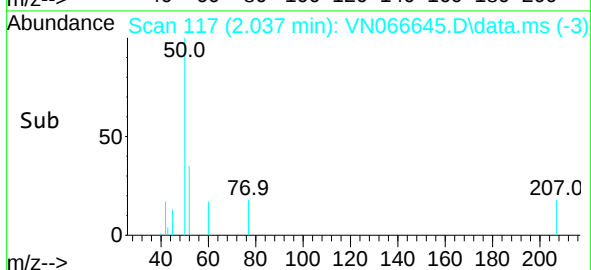
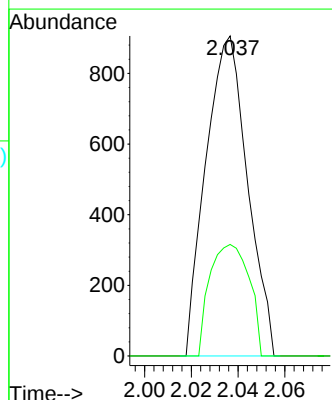
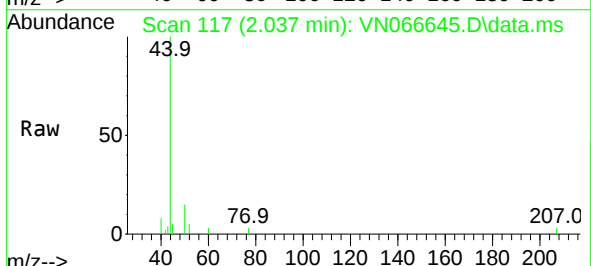
Acq: 16 Apr 2021 22:50

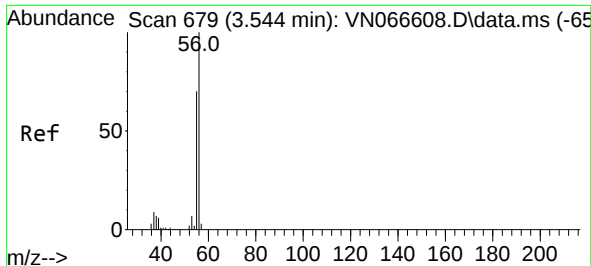
Tgt Ion: 50 Resp: 1119

Ion Ratio Lower Upper

50 100

52 34.9 25.8 38.8

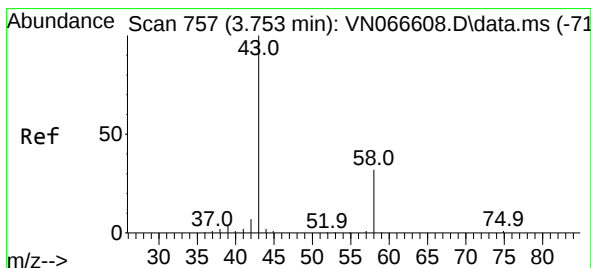
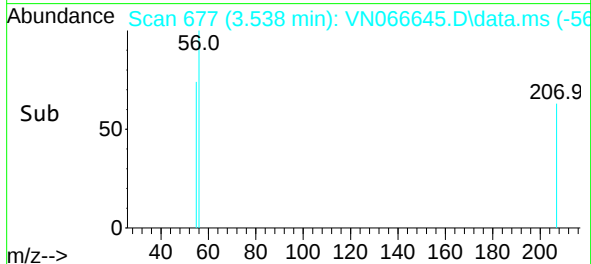
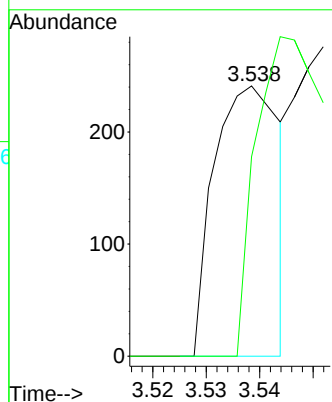
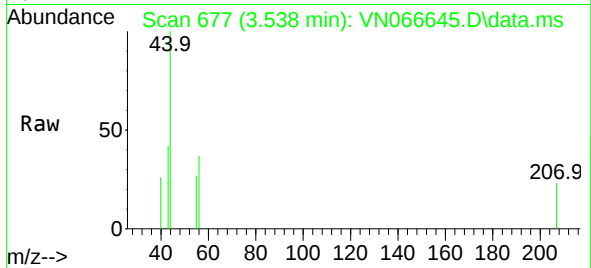




#13
Acrolein
Concen: 0.63 ug/l
RT: 3.538 min Scan# 677
Delta R.T. -0.006 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

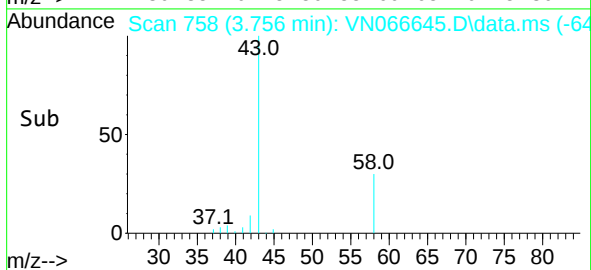
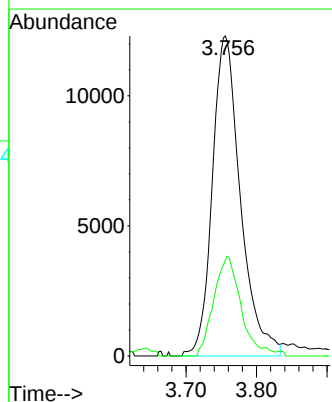
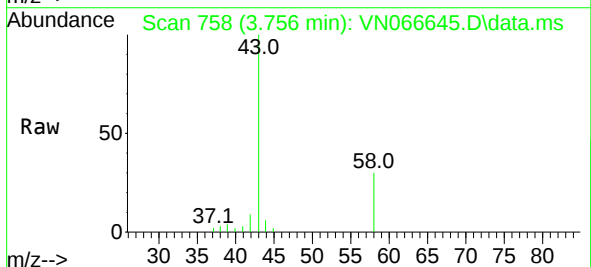
Instrument :
MSVOA_N
ClientSampled :
TP-3

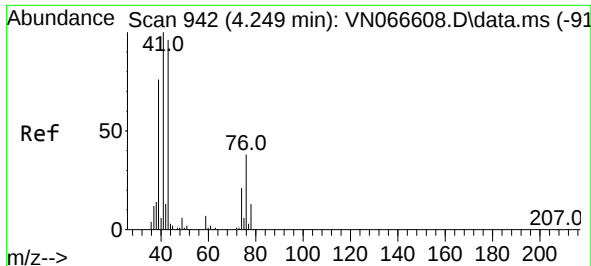
Tgt Ion: 56 Resp: 203
Ion Ratio Lower Upper
56 100
55 144.3 56.0 84.0#



#16
Acetone
Concen: 17.56 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.003 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

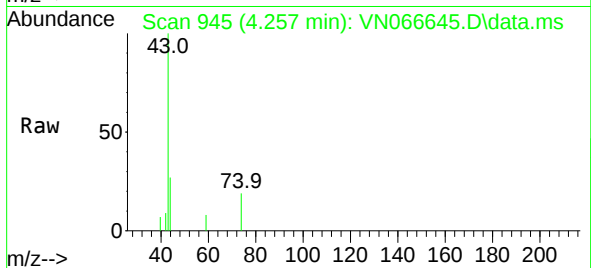
Tgt Ion: 43 Resp: 34065
Ion Ratio Lower Upper
43 100
58 30.0 27.0 40.6



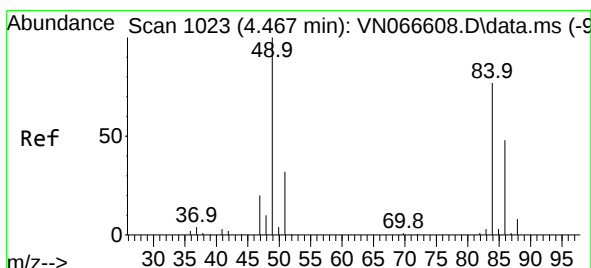
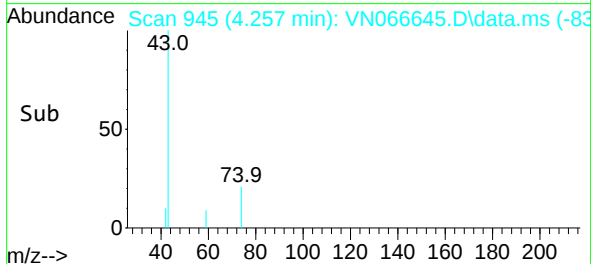
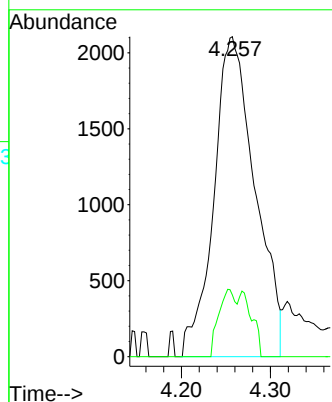


#18
Methyl Acetate
Concen: 1.68 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

Instrument :
MSVOA_N
ClientSampled :
TP-3

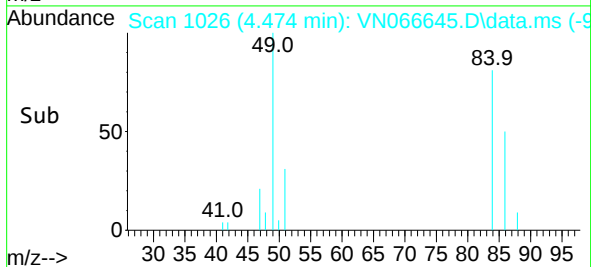
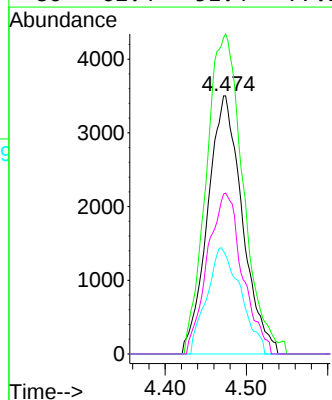
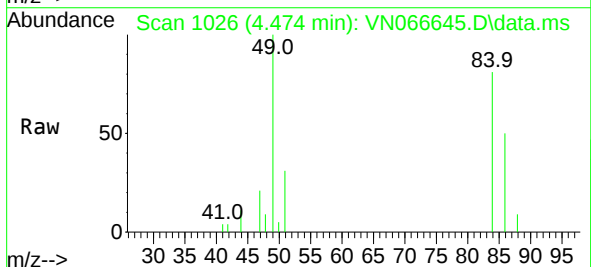


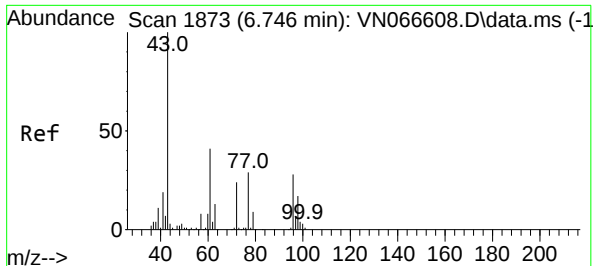
Tgt Ion: 43 Resp: 6780
Ion Ratio Lower Upper
43 100
74 8.9 19.5 29.3#



#20
Methylene Chloride
Concen: 2.93 ug/l
RT: 4.474 min Scan# 1026
Delta R.T. 0.007 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

Tgt Ion: 84 Resp: 10378
Ion Ratio Lower Upper
84 100
49 124.0 94.6 141.8
51 38.2 29.9 44.9
86 62.4 51.4 77.2

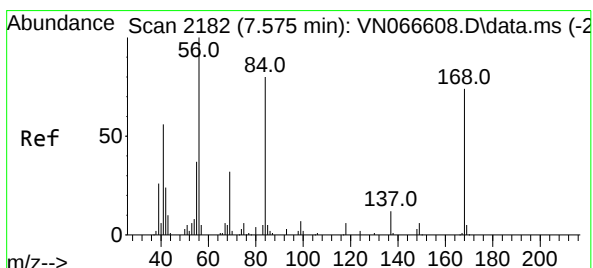
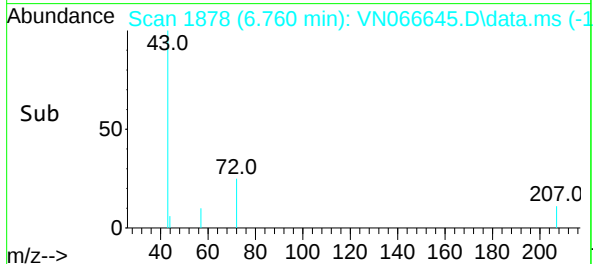
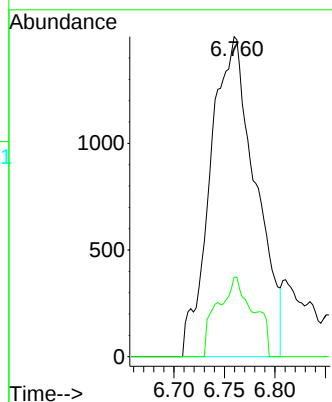
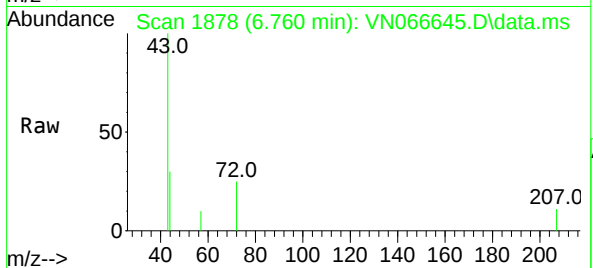




#25
2-Butanone
Concen: 2.11 ug/l
RT: 6.760 min Scan# 1878
Delta R.T. 0.014 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

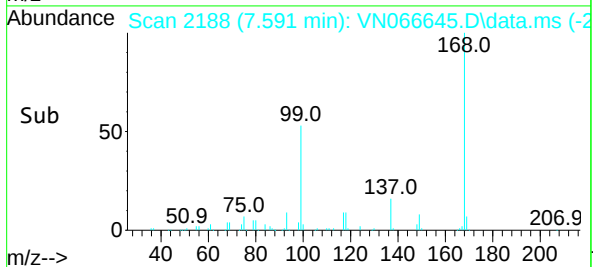
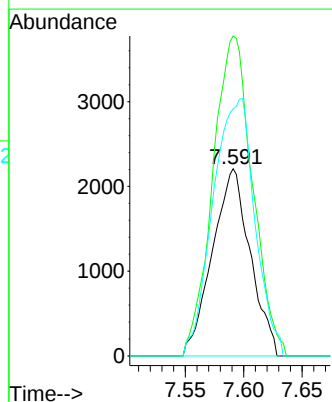
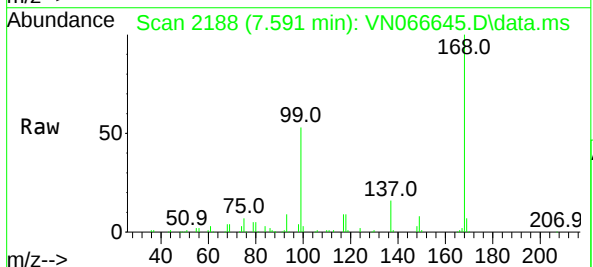
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MSVOA_N
ClientSampled :
TP-3

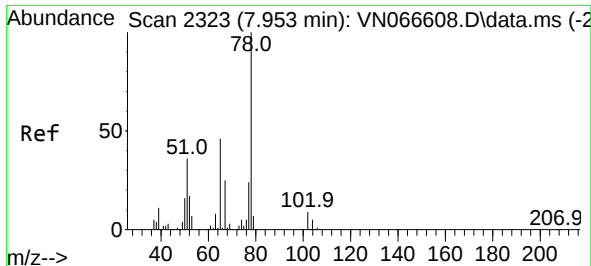
Tgt Ion: 43 Resp: 4646
Ion Ratio Lower Upper
43 100
72 24.8 23.1 34.7



#31
Cyclohexane
Concen: 0.92 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.016 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

Tgt Ion: 56 Resp: 4974
Ion Ratio Lower Upper
56 100
69 171.0 26.6 39.8#
84 132.1 70.4 105.6#

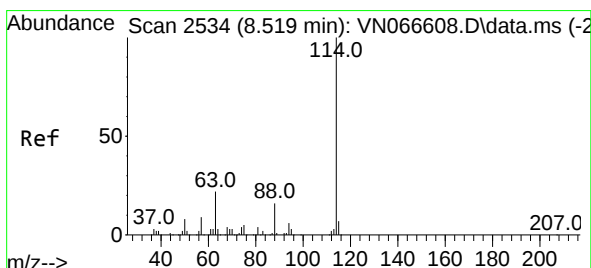
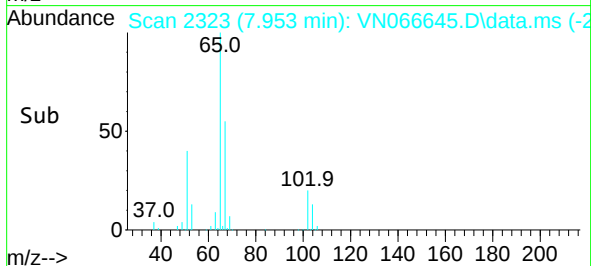
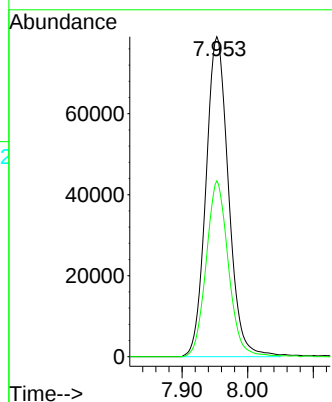
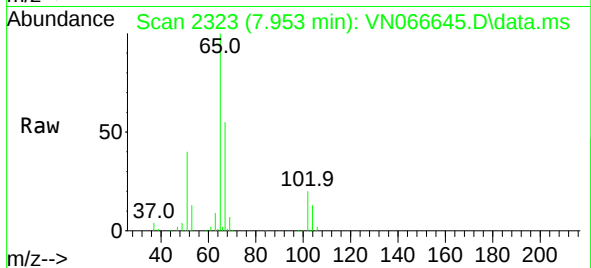




#33
1,2-Dichloroethane-d4
Concen: 50.39 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

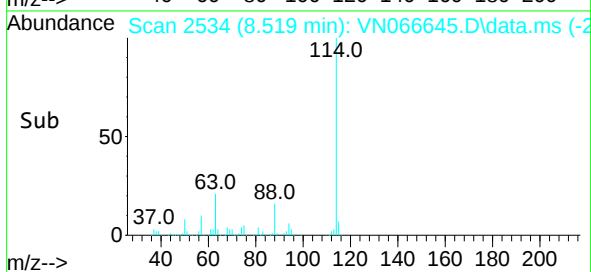
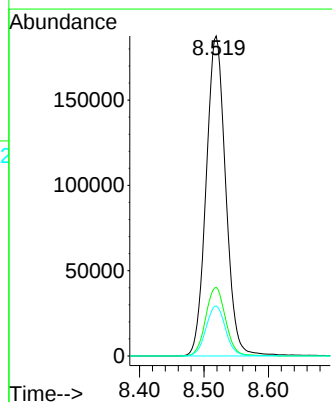
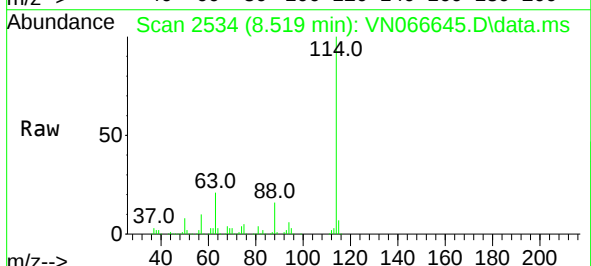
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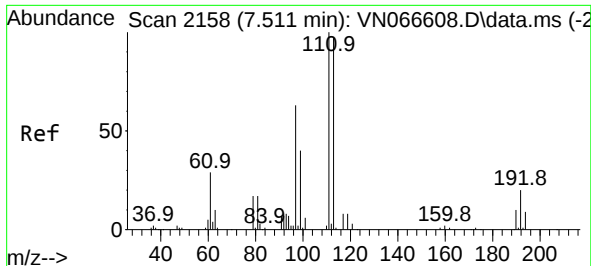
Tgt Ion: 65 Resp: 188601
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

Tgt Ion: 114 Resp: 394420
Ion Ratio Lower Upper
114 100
63 21.5 0.0 38.6
88 15.6 0.0 30.6

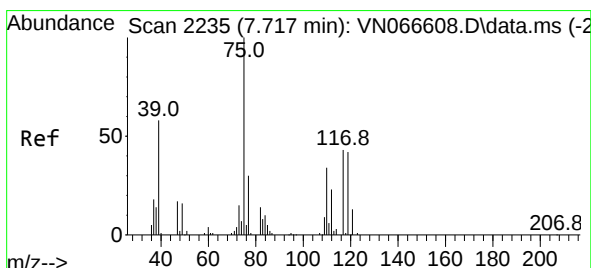
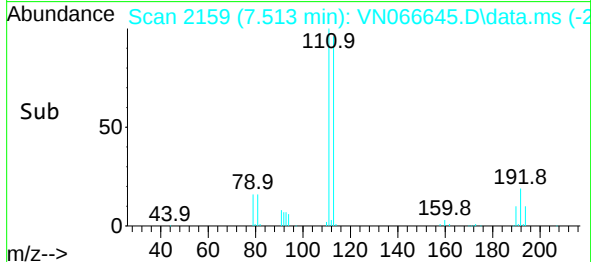
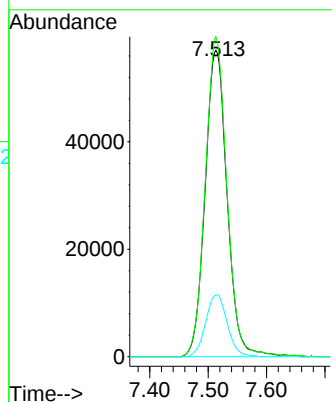
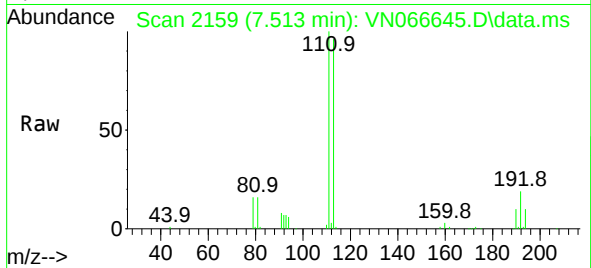




#35
Dibromofluoromethane
Concen: 54.57 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.002 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

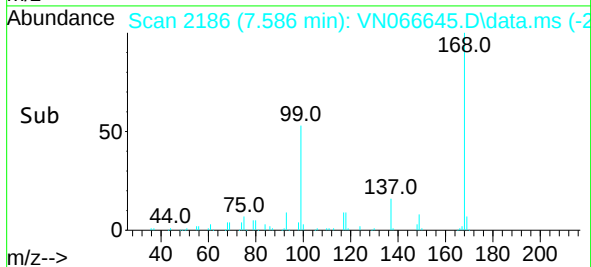
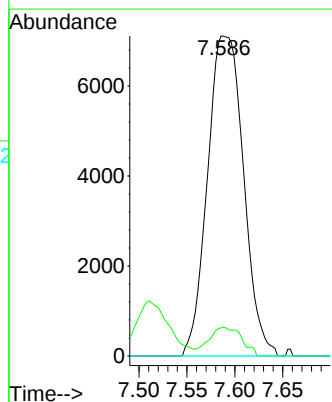
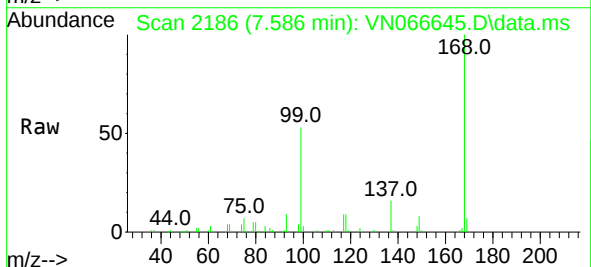
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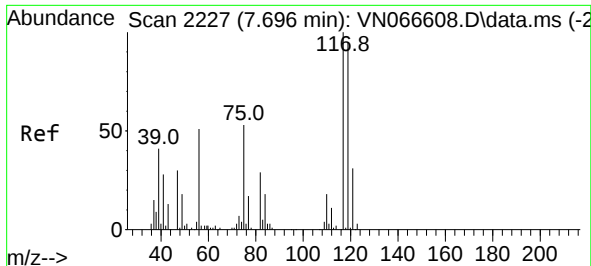
Tgt Ion:	113	Resp:	149268
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	19.9	15.4	23.0



#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. -0.131 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

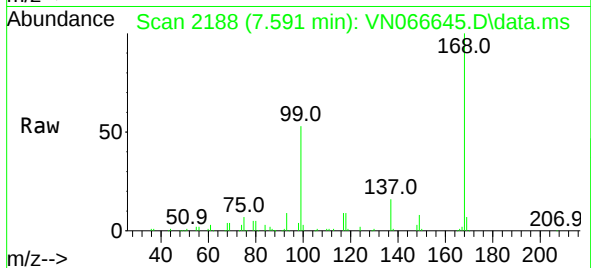
Tgt Ion:	75	Resp:	18582
Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.2	54.6#
77	0.0	24.9	37.3#



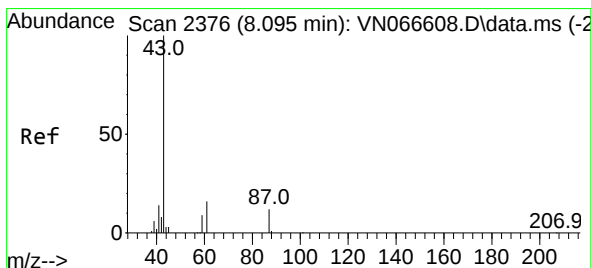
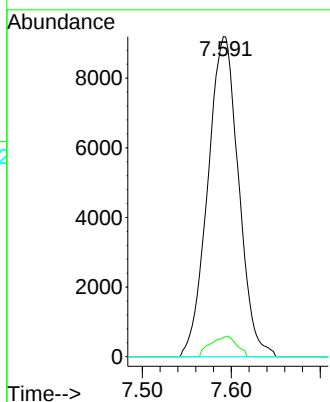
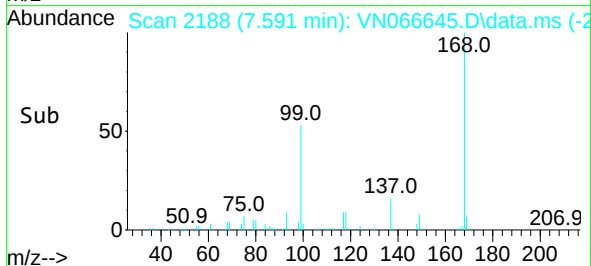


#38
Carbon Tetrachloride
Concen: 5.94 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.105 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

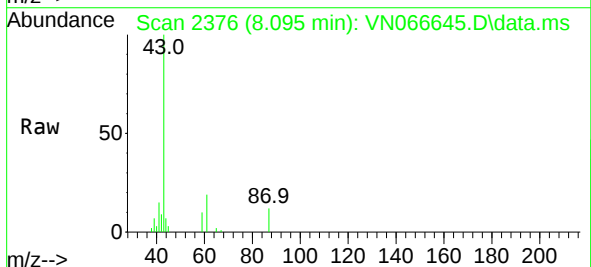
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MSVOA_N
ClientSampled :
TP-3



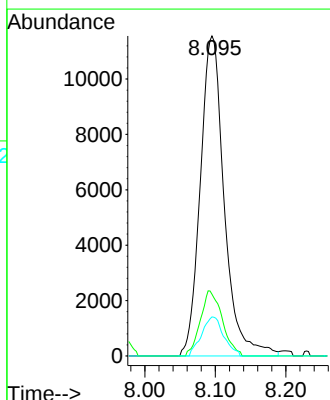
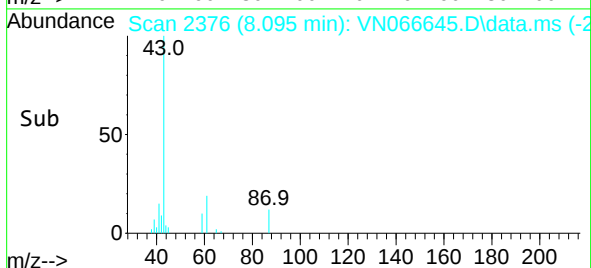
Tgt Ion: 117 Resp: 22134
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#

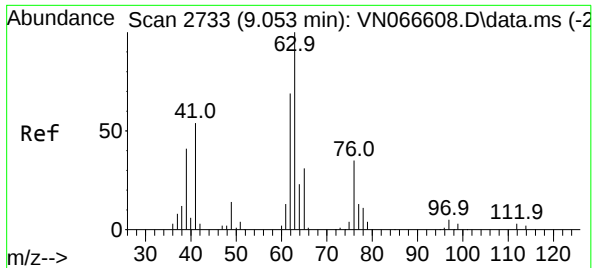


#43
Isopropyl Acetate
Concen: 3.62 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.000 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50



Tgt Ion: 43 Resp: 27249
Ion Ratio Lower Upper
43 100
61 18.7 22.5 33.7#
87 11.3 11.1 16.7

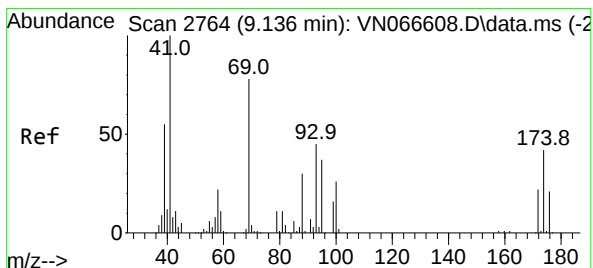
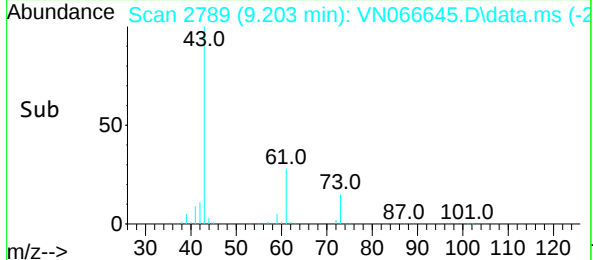
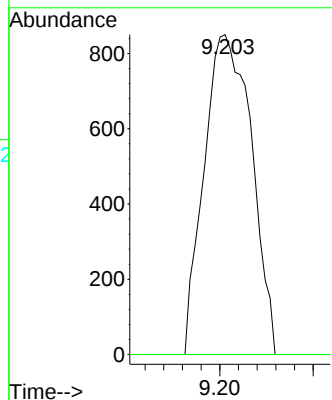
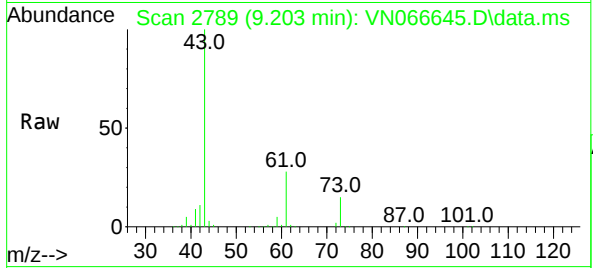




#45
1,2-Dichloropropane
Concen: 0.42 ug/l
RT: 9.203 min Scan# 2789
Delta R.T. 0.150 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

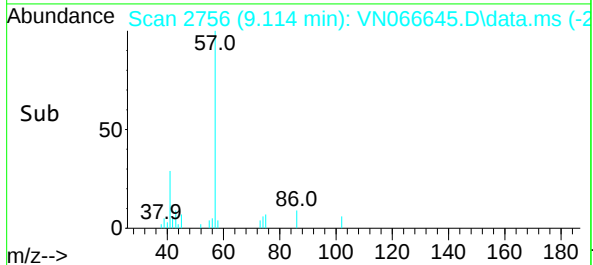
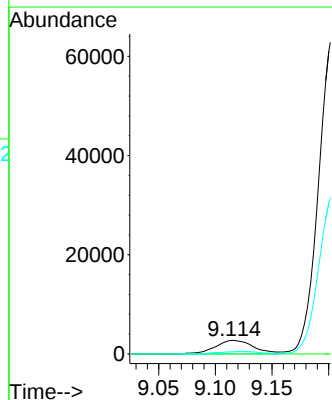
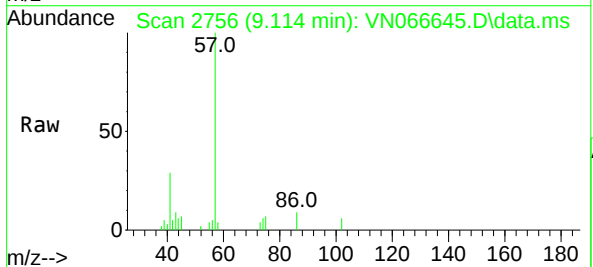
Instrument :
MSVOA_N
ClientSampled :
TP-3

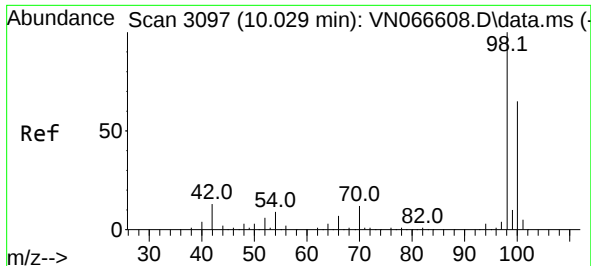
Tgt Ion: 63 Resp: 1499
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.91 ug/l
RT: 9.114 min Scan# 2756
Delta R.T. -0.022 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

Tgt Ion: 41 Resp: 6479
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

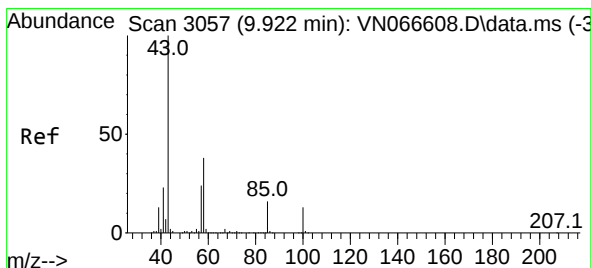
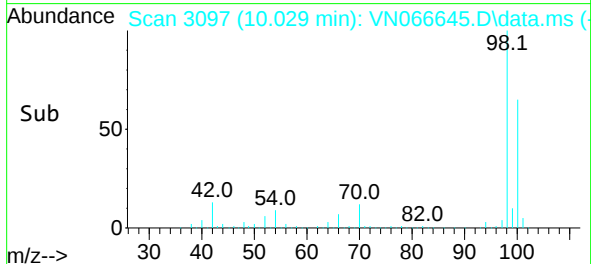
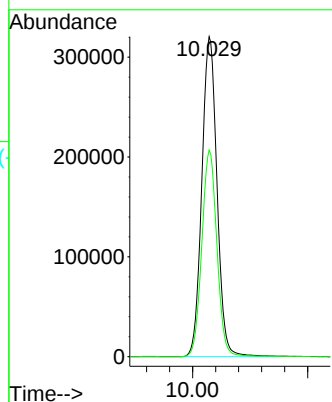
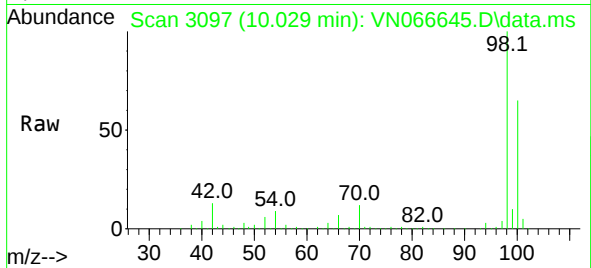




#50
Toluene-d8
Concen: 54.75 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

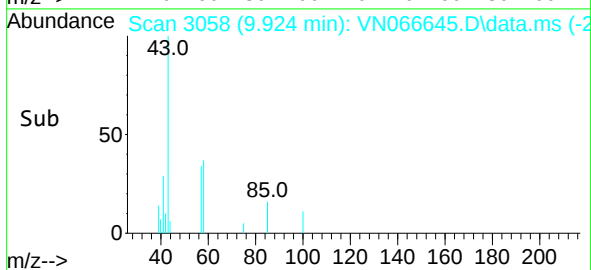
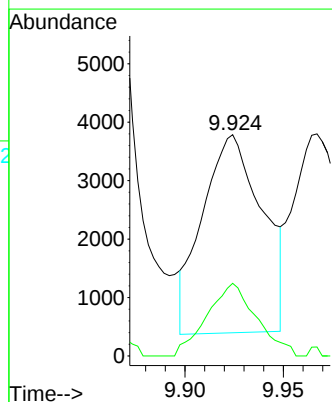
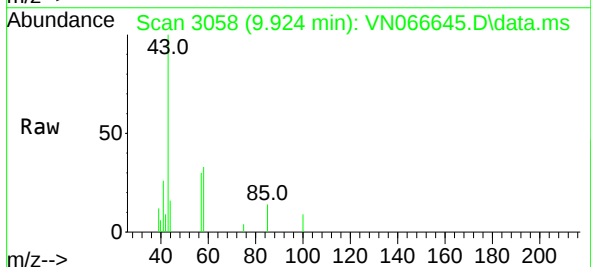
Instrument :
MSVOA_N
ClientSampled :
TP-3

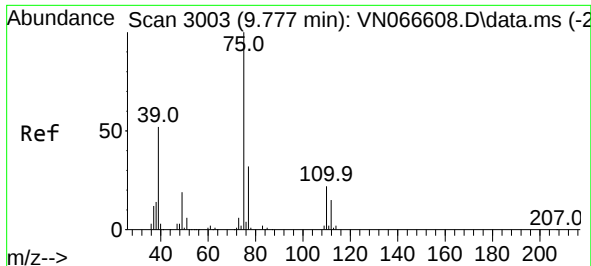
Tgt Ion: 98 Resp: 586980
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.62 ug/l
RT: 9.924 min Scan# 3058
Delta R.T. 0.002 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

Tgt Ion: 43 Resp: 7167
Ion Ratio Lower Upper
43 100
58 30.3 32.5 48.7#

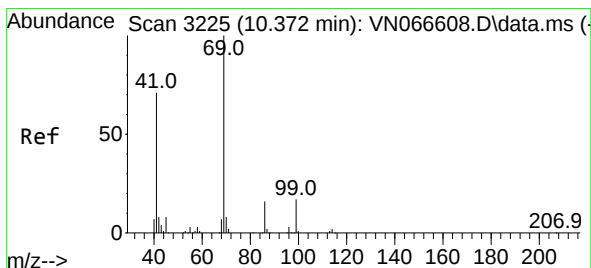
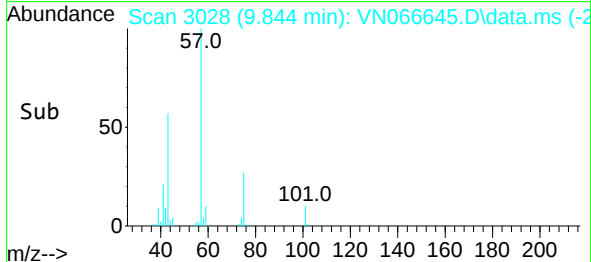
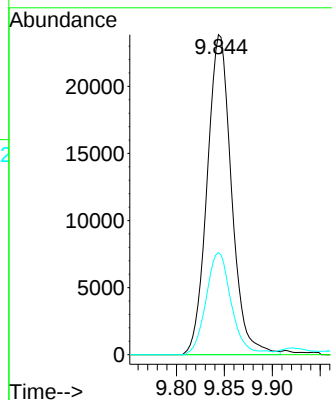
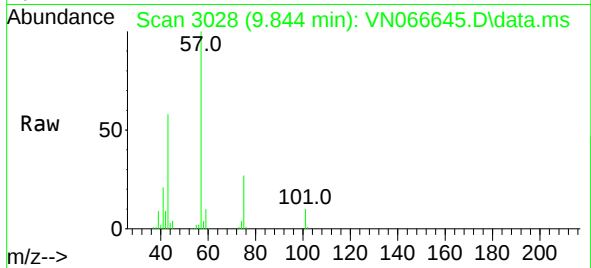




#54
cis-1,3-Dichloropropene
Concen: 8.12 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

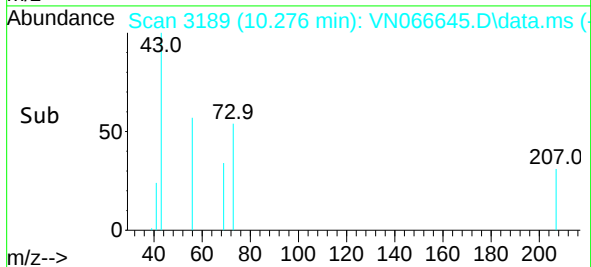
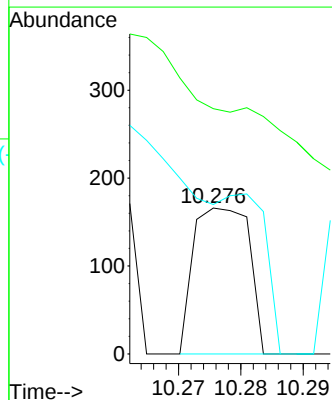
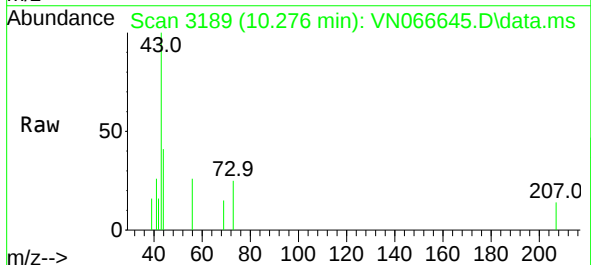
Instrument :
MSVOA_N
ClientSampled :
TP-3

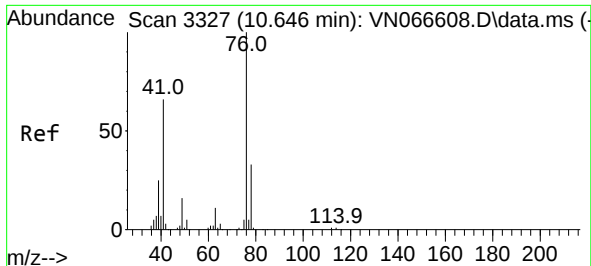
Tgt Ion: 75 Resp: 42193
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 31.9 36.2 54.4#



#56
Ethyl methacrylate
Concen: 0.92 ug/l
RT: 10.276 min Scan# 3189
Delta R.T. -0.096 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

Tgt Ion: 69 Resp: 103
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

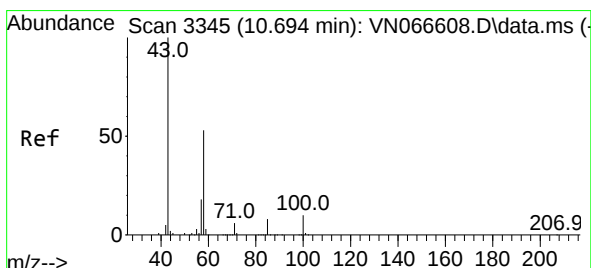
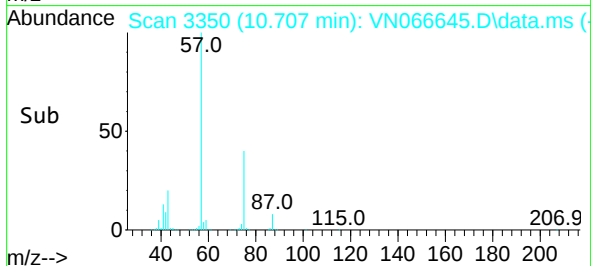
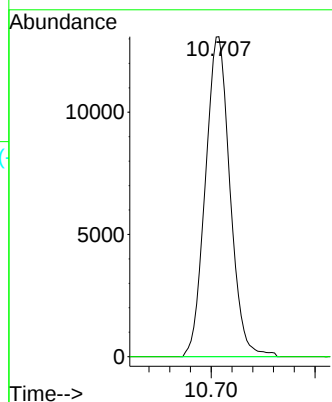
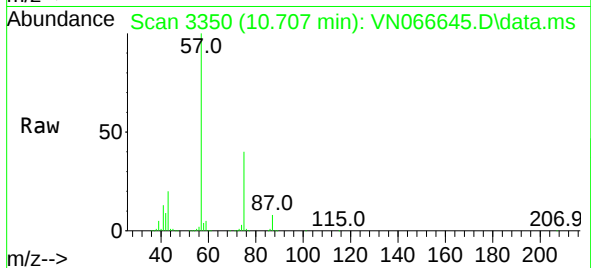




#57
1,3-Dichloropropane
Concen: 4.15 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.061 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

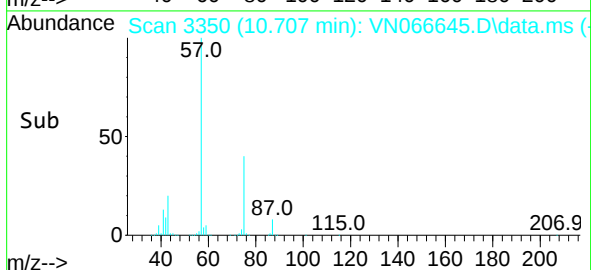
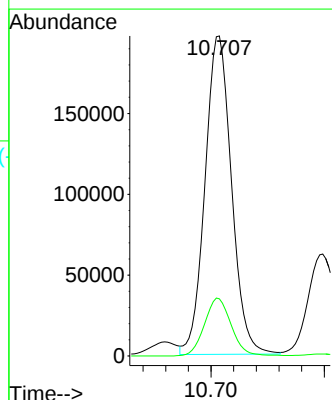
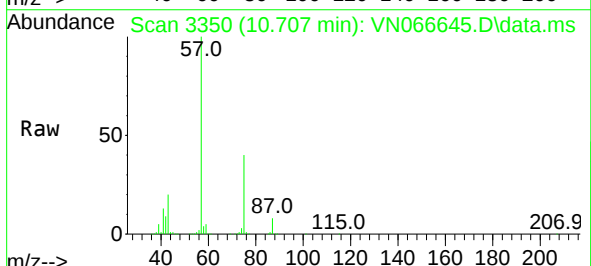
Instrument :
MSVOA_N
ClientSampled :
TP-3

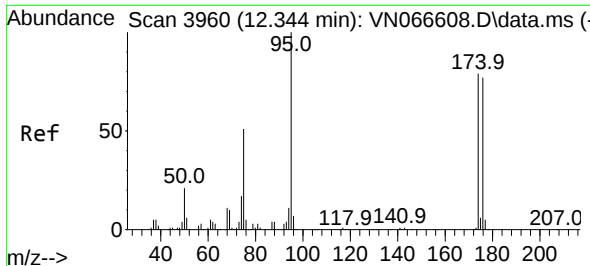
Tgt Ion: 76 Resp: 21551
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 104.36 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.013 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

Tgt Ion: 43 Resp: 320321
Ion Ratio Lower Upper
43 100
58 18.4 28.1 84.3#

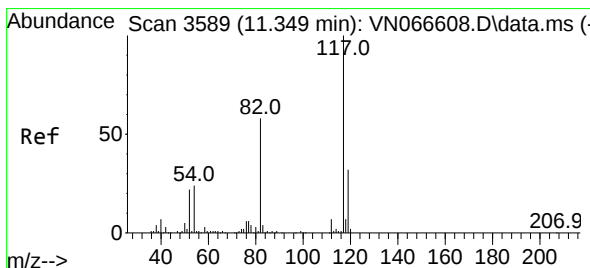
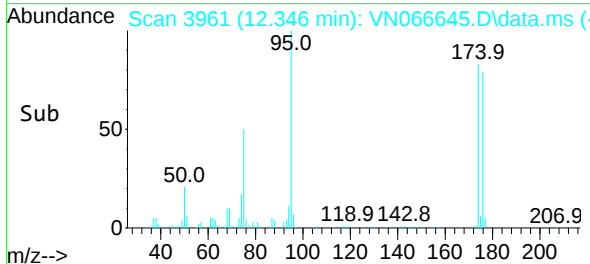
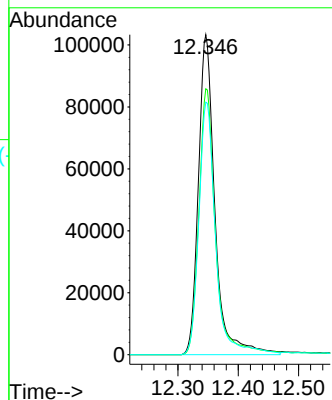
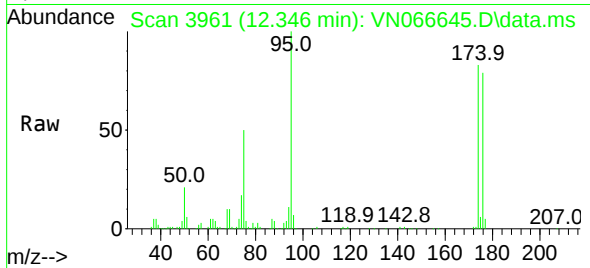




#62
4-Bromofluorobenzene
Concen: 52.19 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

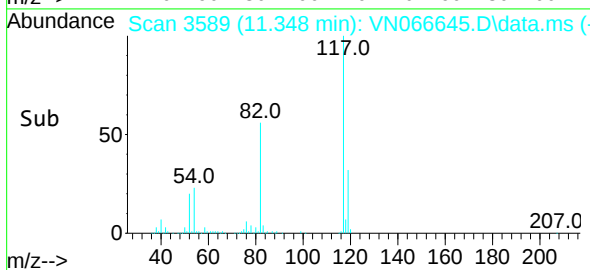
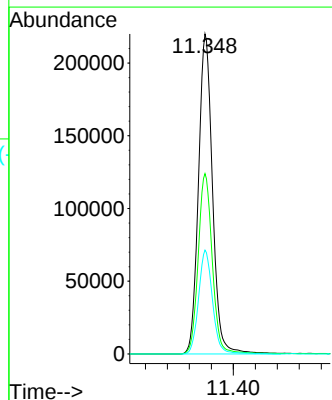
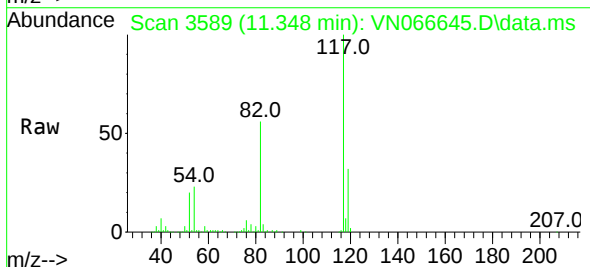
Instrument :
MSVOA_N
ClientSampleId :
TP-3

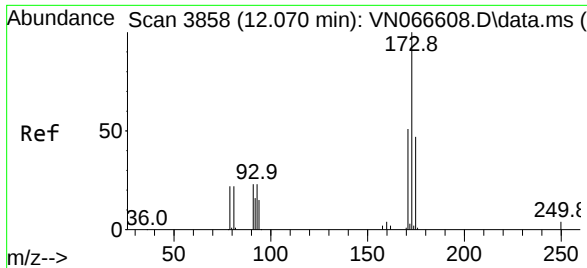
Tgt Ion: 95 Resp: 196736
Ion Ratio Lower Upper
95 100
174 84.1 0.0 169.0
176 77.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

Tgt Ion: 117 Resp: 389878
Ion Ratio Lower Upper
117 100
82 56.4 43.7 65.5
119 32.4 26.1 39.1

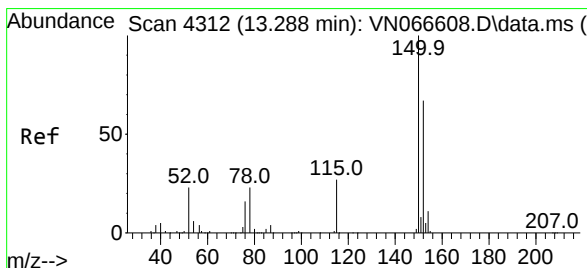
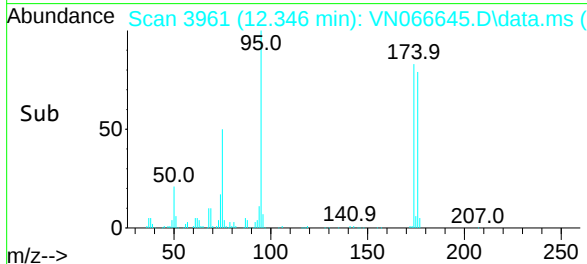
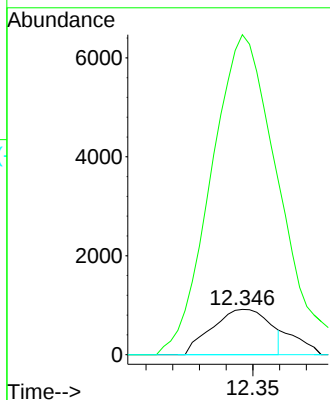
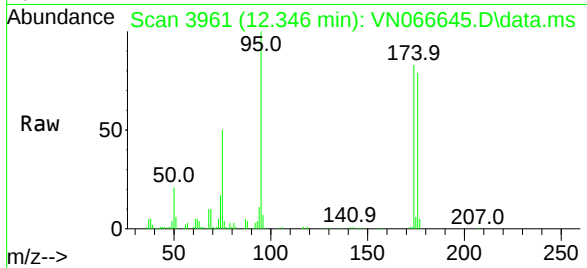




#71
Bromoform
Concen: 0.59 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.276 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

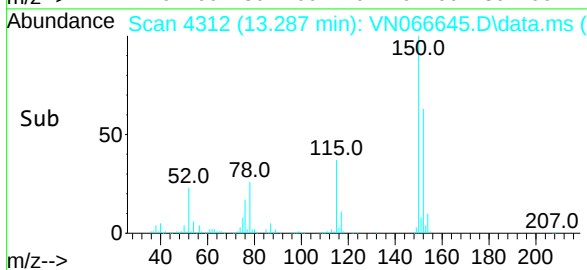
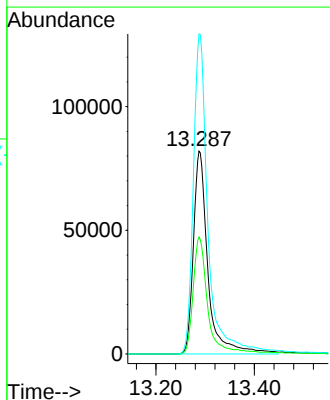
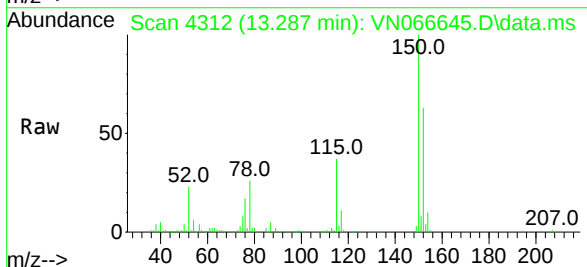
Instrument :
MSVOA_N
ClientSampled :
TP-3

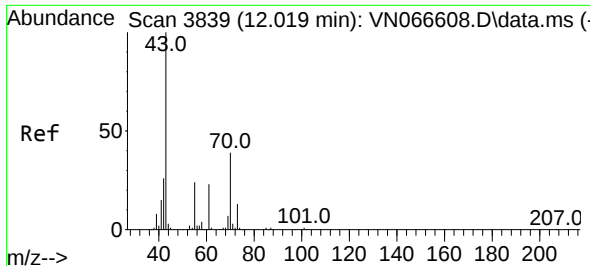
Tgt Ion:173 Resp: 1376
Ion Ratio Lower Upper
173 100
175 706.5 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.287 min Scan# 4312
Delta R.T. -0.001 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

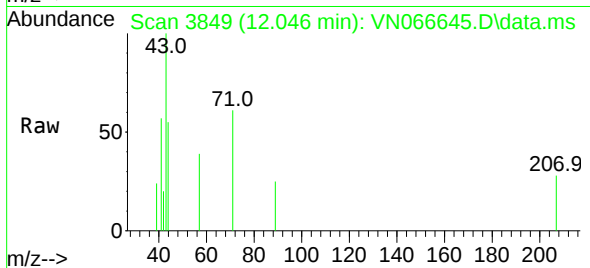
Tgt Ion:152 Resp: 169200
Ion Ratio Lower Upper
152 100
115 54.9 28.5 85.6
150 154.4 0.0 347.6



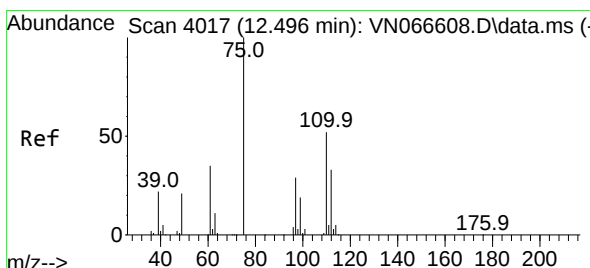
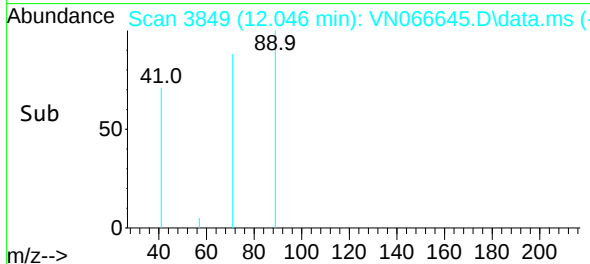
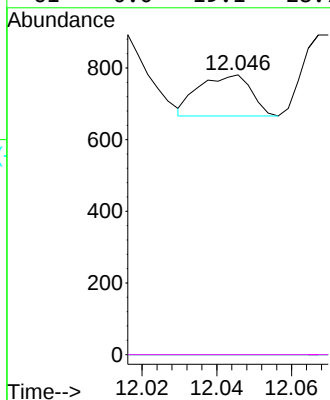


#74
N-amy1 acetate
Concen: 9.75 ug/l
RT: 12.046 min Scan# 3849
Delta R.T. 0.027 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

Instrument :
MSVOA_N
ClientSampleId :
TP-3

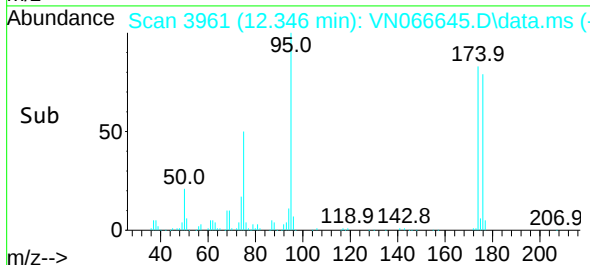
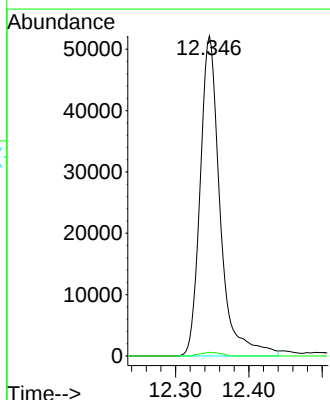
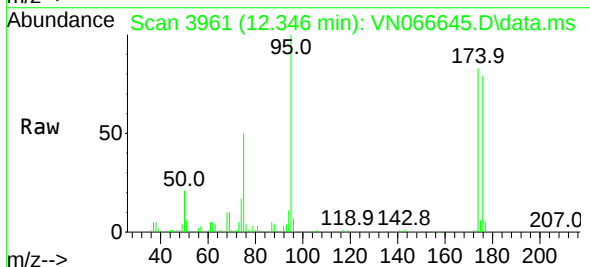


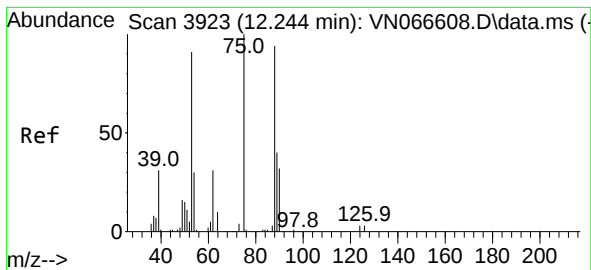
Tgt Ion: 43	Resp: 111
Ion Ratio	Lower Upper
43 100	
70 0.0	34.4 51.6#
55 0.0	20.7 31.1#
61 0.0	19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 24.91 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066645.D
Acq: 16 Apr 2021 22:50

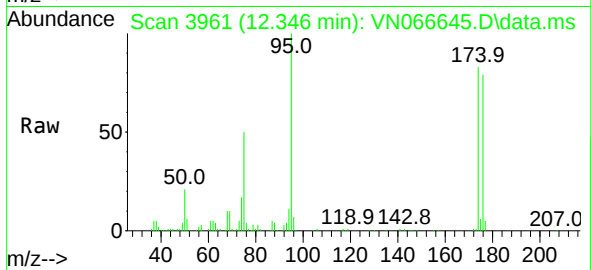
Tgt Ion: 75	Resp: 98561
Ion Ratio	Lower Upper
75 100	
77 1.1	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.93 ug/l
 RT: 12.346 min Scan# 3961
 Delta R.T. 0.102 min
 Lab File: VN066645.D
 Acq: 16 Apr 2021 22:50

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3



Tgt Ion:	75	Resp:	98561
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.1	35.8	53.8#

