

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043021\
 Data File : VN066912.D
 Acq On : 30 Apr 2021 16:06
 Operator : JC/MD
 Sample : PB136080TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB136080TB

Quant Time: May 01 01:46:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

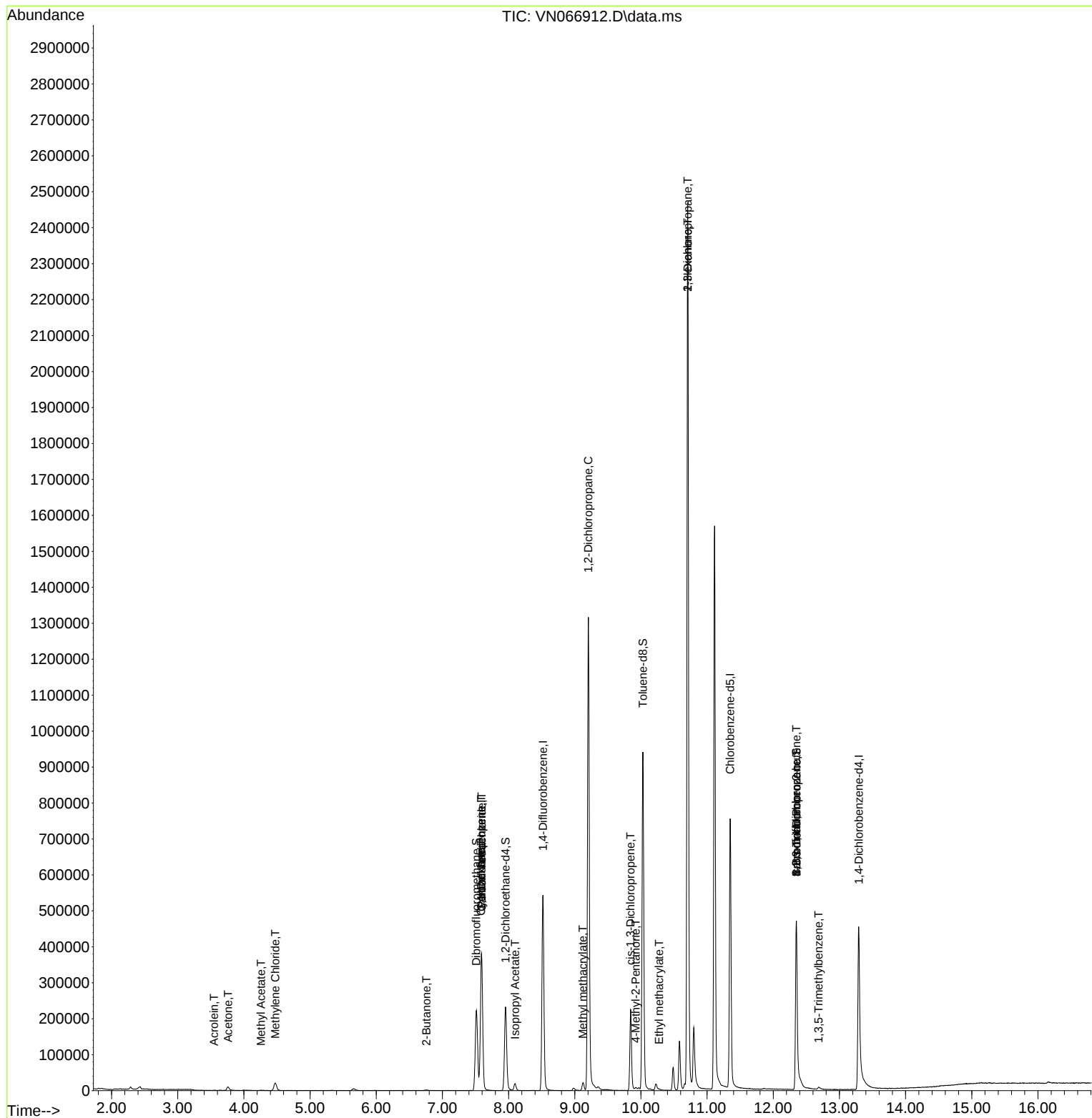
Internal Standards						
1) Pentafluorobenzene	7.591	168	350411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	529776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	482832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	184998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	198934	44.19	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 88.38%			
35) Dibromofluoromethane	7.513	113	179282	54.82	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.64%			
50) Toluene-d8	10.029	98	693849	54.05	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.10%			
62) 4-Bromofluorobenzene	12.349	95	209510	48.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.48%			
Target Compounds					Qvalue	
13) Acrolein	3.549	56	206	0.36	ug/l #	59
16) Acetone	3.761	43	17168	10.11	ug/l	93
18) Methyl Acetate	4.257	43	934	1.31	ug/l #	64
20) Methylene Chloride	4.475	84	17155	3.99	ug/l	93
25) 2-Butanone	6.757	43	3057	1.28	ug/l	94
31) Cyclohexane	7.586	56	5036	0.72	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	21659	4.40	ug/l #	43
38) Carbon Tetrachloride	7.594	117	28795	6.10	ug/l #	17
43) Isopropyl Acetate	8.098	43	23669	2.85	ug/l #	91
45) 1,2-Dichloropropane	9.206	63	1683	0.41	ug/l #	44
48) Methyl methacrylate	9.120	41	5234	1.44	ug/l #	10
51) 4-Methyl-2-Pentanone	9.922	43	4661	1.03	ug/l	91
54) cis-1,3-Dichloropropene	9.844	75	46632	7.45	ug/l #	58
56) Ethyl methacrylate	10.273	69	89	3.18	ug/l #	27
57) 1,3-Dichloropropane	10.707	76	27272	4.51	ug/l #	43
59) 2-Hexanone	10.707	43	327973	104.63	ug/l #	52
71) Bromoform	12.349	173	1322	0.50	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	94560	24.25	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.684	105	4573	0.40	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.349	75	94560	65.23	ug/l #	12

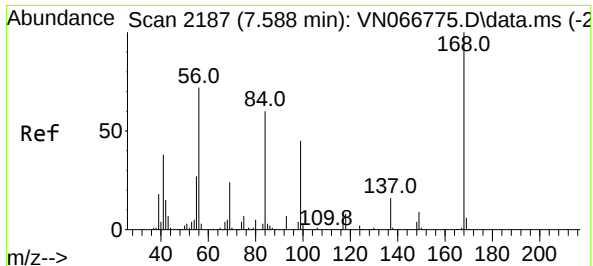
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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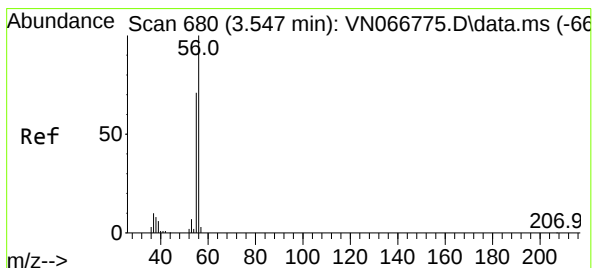
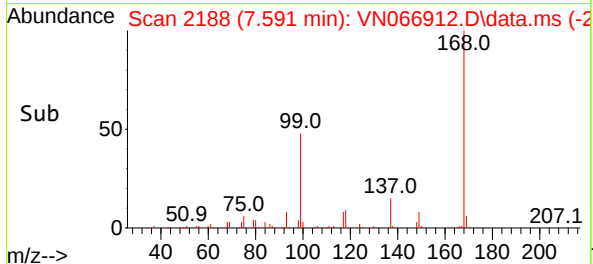
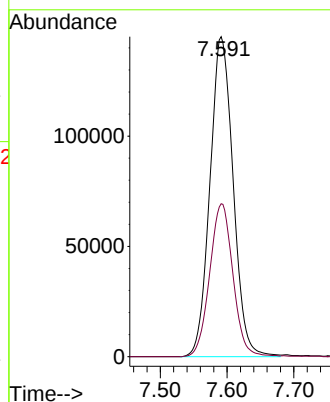
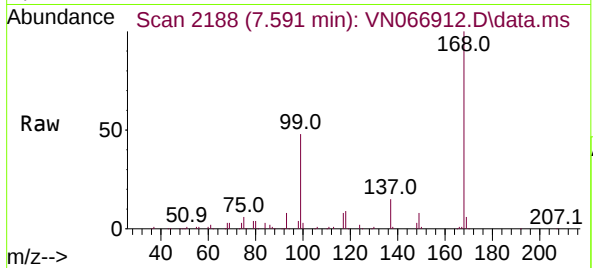




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

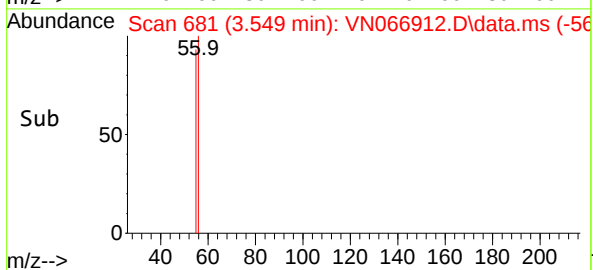
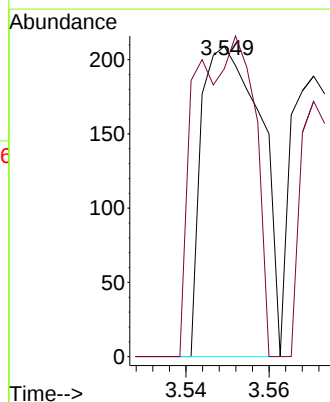
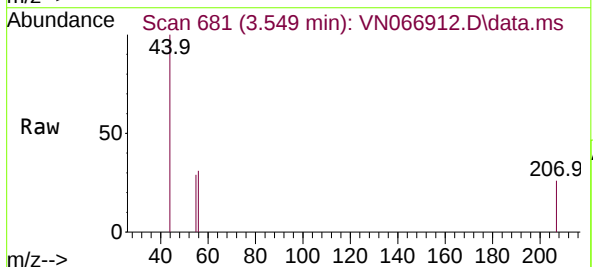
Instrument :
MSVOA_N
ClientSampleId :
PB136080TB

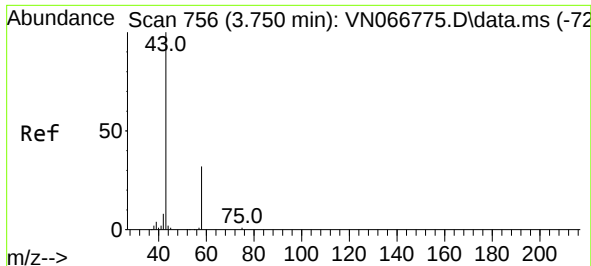
Tgt Ion:168 Resp: 350411
Ion Ratio Lower Upper
168 100
99 47.8 42.6 63.8



#13
Acrolein
Concen: 0.36 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

Tgt Ion: 56 Resp: 206
Ion Ratio Lower Upper
56 100
55 103.9 56.0 84.0#

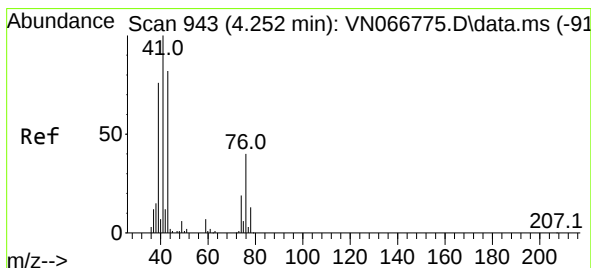
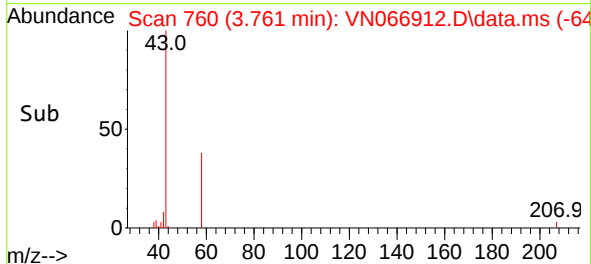
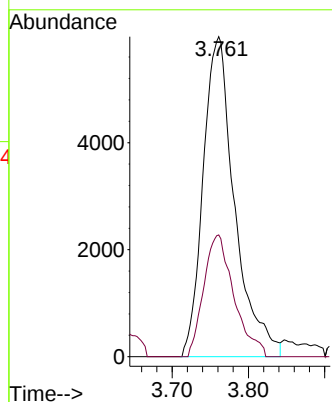
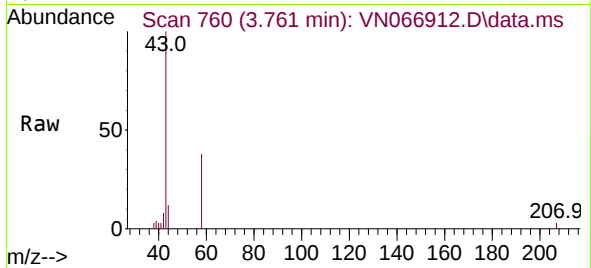




#16
Acetone
Concen: 10.11 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

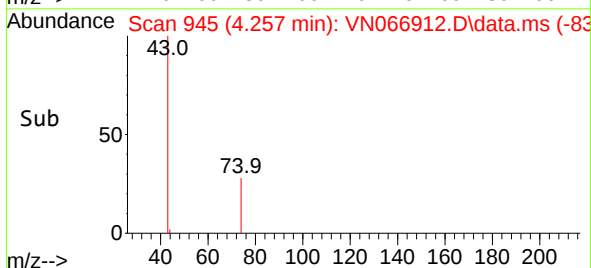
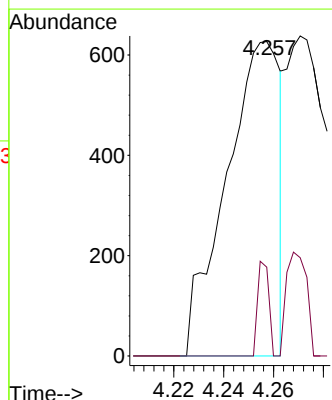
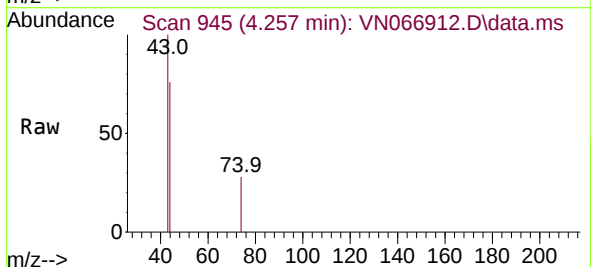
Instrument :
MSVOA_N
ClientSampleId :
PB136080TB

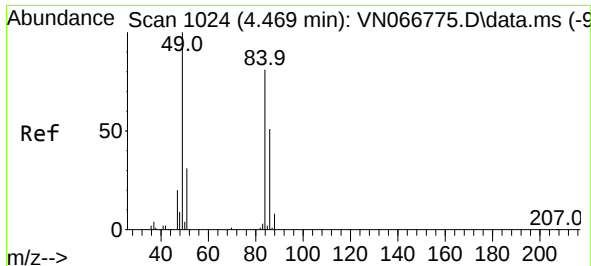
Tgt Ion: 43 Resp: 17168
Ion Ratio Lower Upper
43 100
58 38.1 27.0 40.6



#18
Methyl Acetate
Concen: 1.31 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
74 6.3 19.5 29.3#

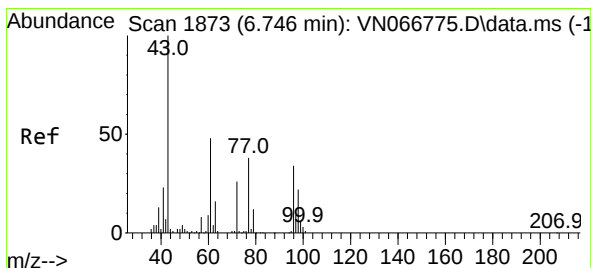
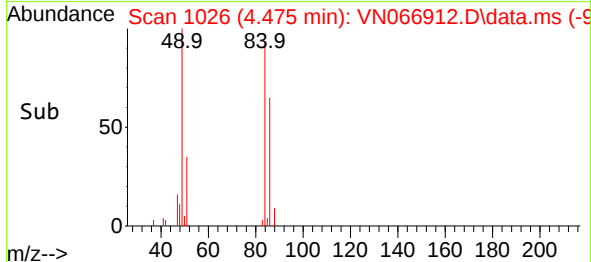
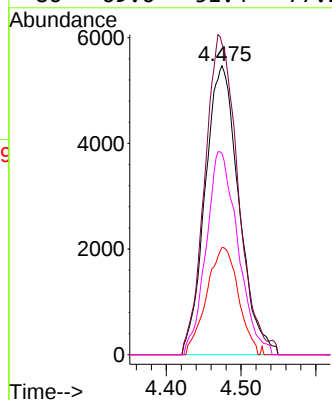
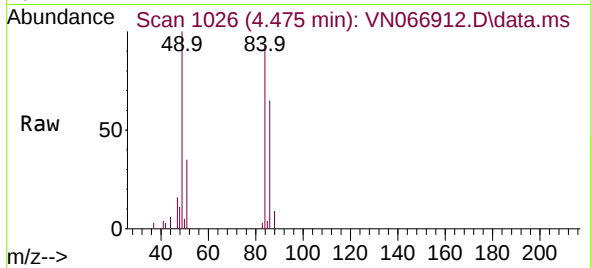




#20
Methylene Chloride
Concen: 3.99 ug/l
RT: 4.475 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

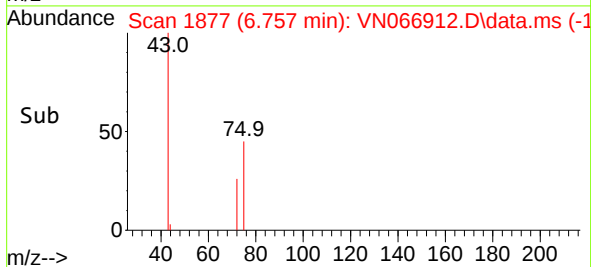
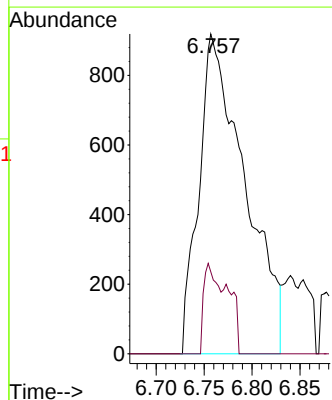
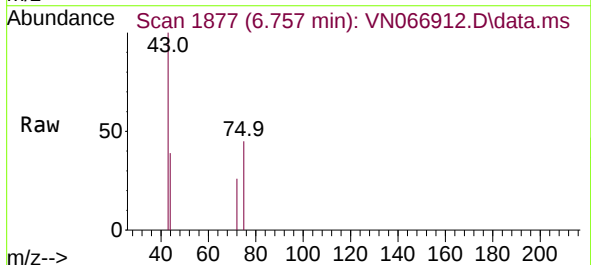
Instrument :
MSVOA_N
ClientSampleId :
PB136080TB

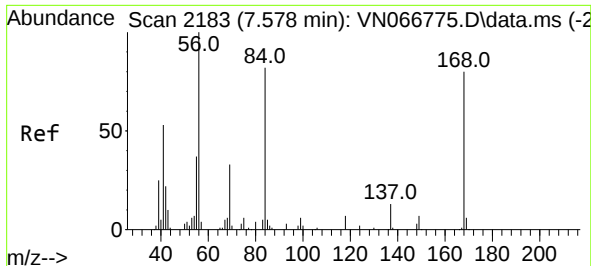
Tgt Ion:	84	Resp:	17155
Ion	Ratio	Lower	Upper
84	100		
49	107.6	94.6	141.8
51	37.1	29.9	44.9
86	69.6	51.4	77.2



#25
2-Butanone
Concen: 1.28 ug/l
RT: 6.757 min Scan# 1877
Delta R.T. 0.011 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

Tgt Ion:	43	Resp:	3057
Ion	Ratio	Lower	Upper
43	100		
72	25.7	23.1	34.7

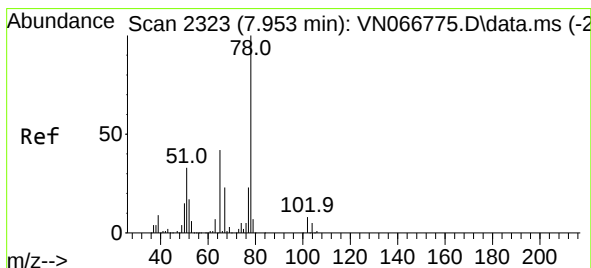
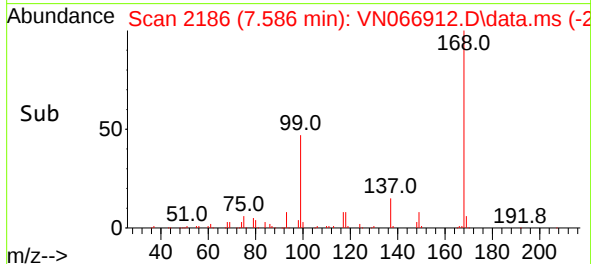
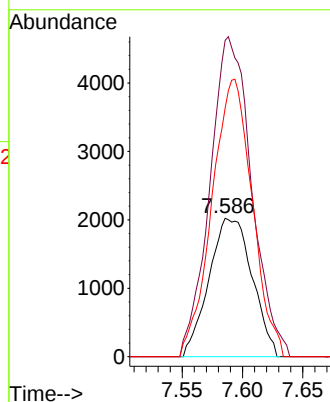
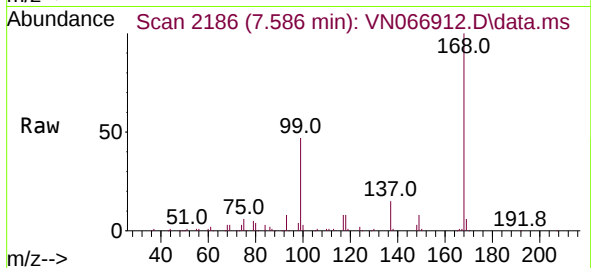




#31
Cyclohexane
Concen: 0.72 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. 0.008 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

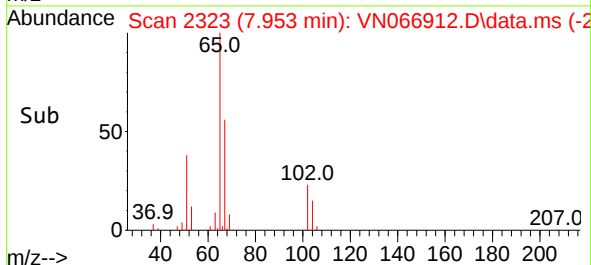
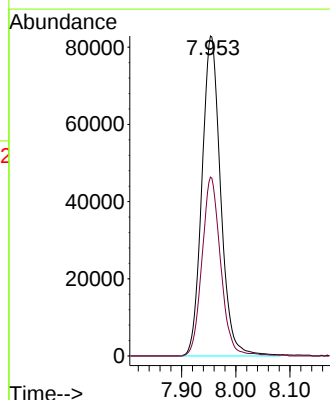
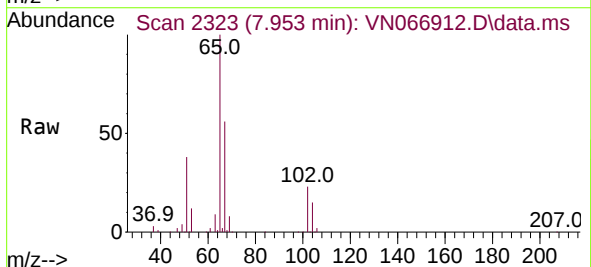
Instrument :
MSVOA_N
ClientSampleId :
PB136080TB

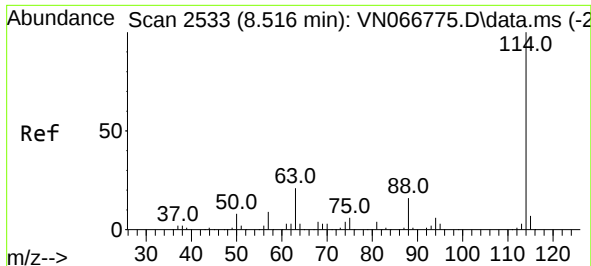
Tgt Ion: 56 Resp: 5036
Ion Ratio Lower Upper
56 100
69 228.4 26.6 39.8#
84 179.5 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 44.19 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

Tgt Ion: 65 Resp: 198934
Ion Ratio Lower Upper
65 100
67 55.6 0.0 107.2

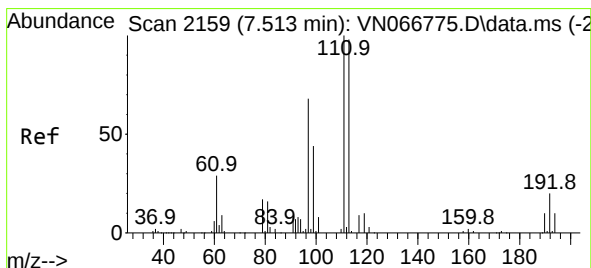
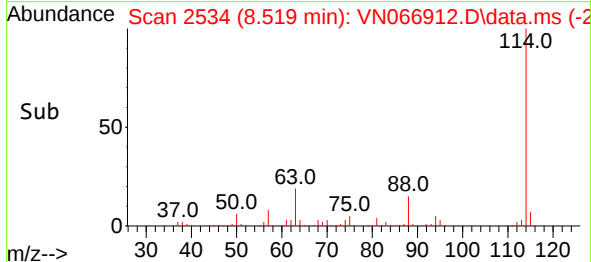
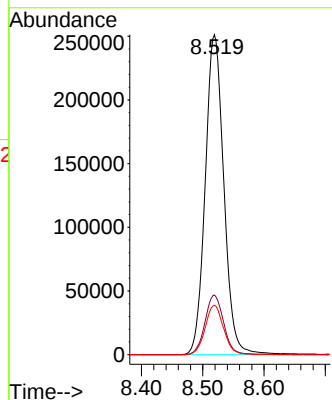
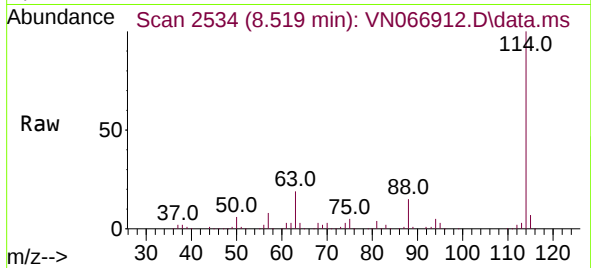




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066912.D
 Acq: 30 Apr 2021 16:06

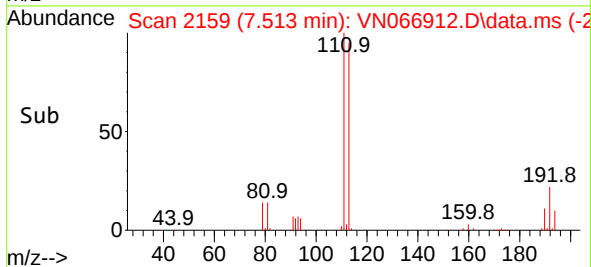
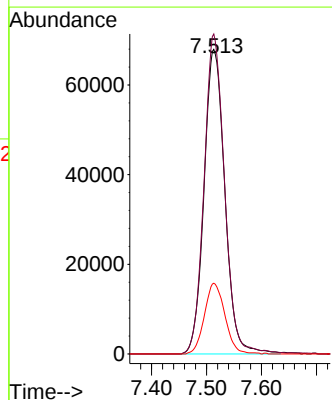
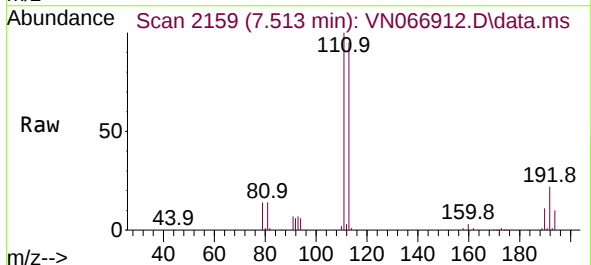
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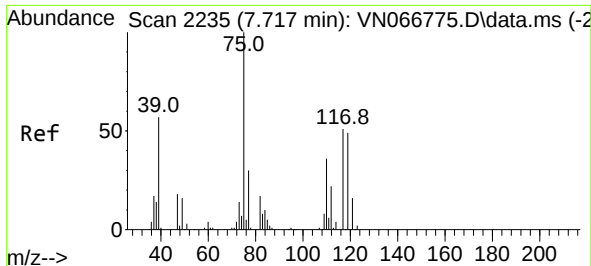
Tgt Ion:114 Resp: 529776
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.6
 88 15.4 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 54.82 ug/l
 RT: 7.513 min Scan# 2159
 Delta R.T. 0.000 min
 Lab File: VN066912.D
 Acq: 30 Apr 2021 16:06

Tgt Ion:113 Resp: 179282
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.2
 192 22.8 15.4 23.0

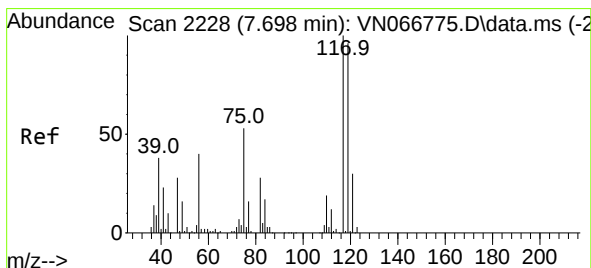
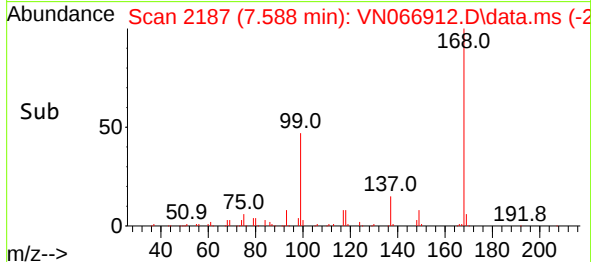
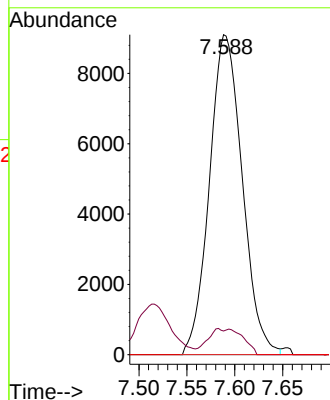
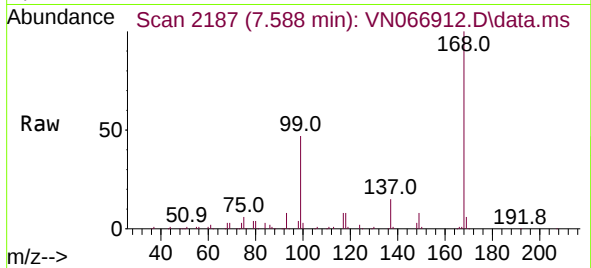




#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

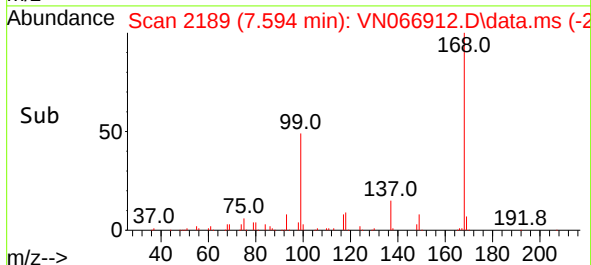
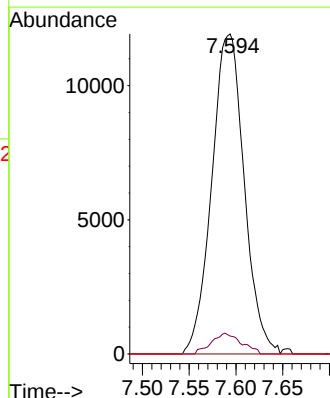
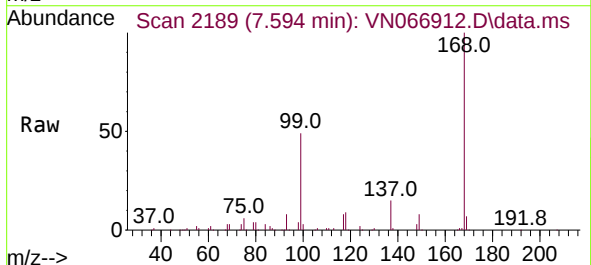
Instrument :
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ClientSampled :
PB136080TB

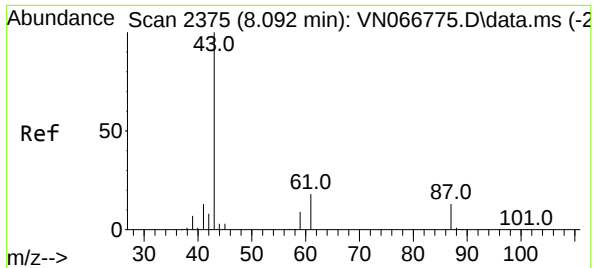
Tgt Ion: 75 Resp: 21659
Ion Ratio Lower Upper
75 100
110 2.8 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

Tgt Ion: 117 Resp: 28795
Ion Ratio Lower Upper
117 100
119 5.6 76.0 114.0#
121 0.0 24.5 36.7#

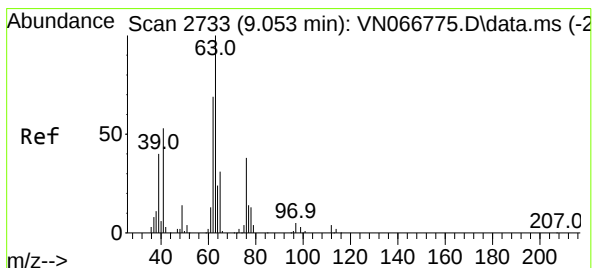
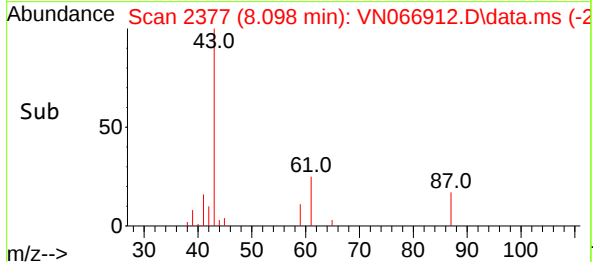
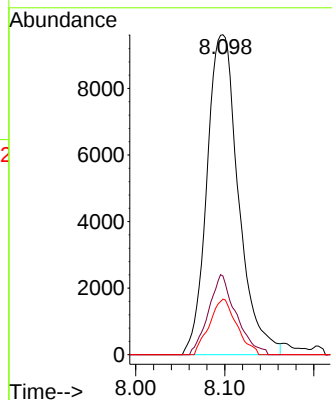
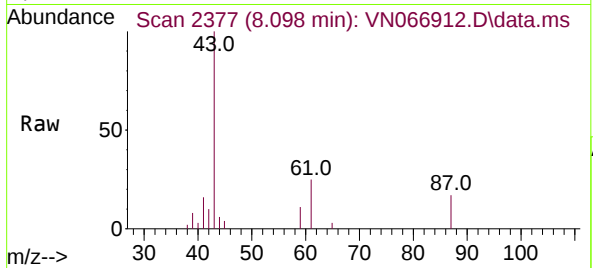




#43
Isopropyl Acetate
Concen: 2.85 ug/l
RT: 8.098 min Scan# 2377
Delta R.T. 0.006 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

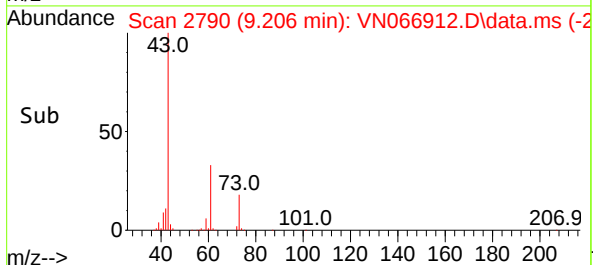
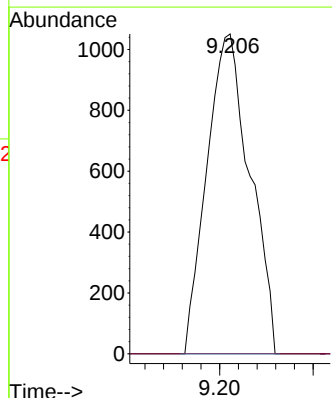
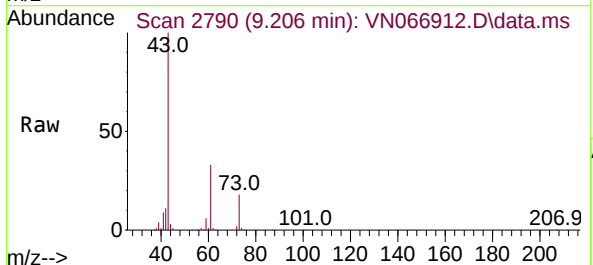
Instrument :
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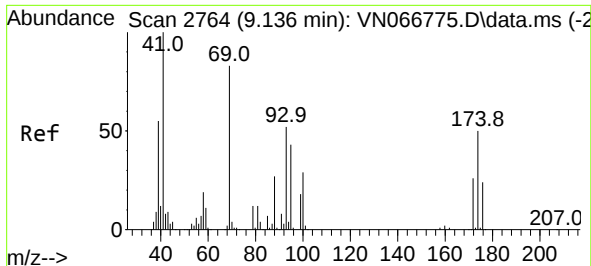
Tgt Ion: 43 Resp: 23669
Ion Ratio Lower Upper
43 100
61 21.8 22.5 33.7#
87 15.0 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.41 ug/l
RT: 9.206 min Scan# 2790
Delta R.T. 0.153 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

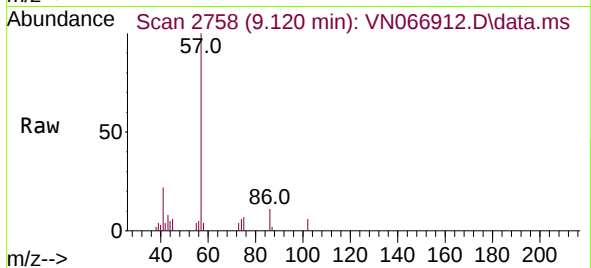
Tgt Ion: 63 Resp: 1683
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



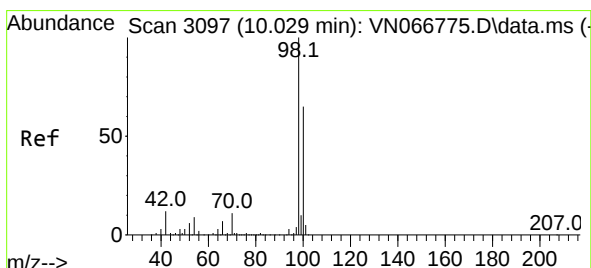
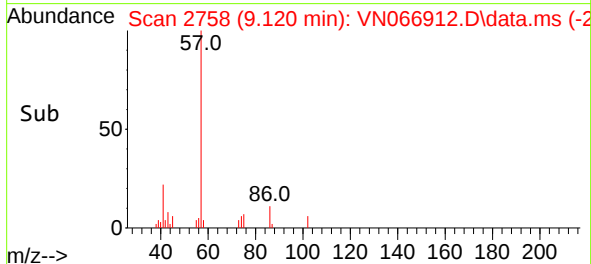
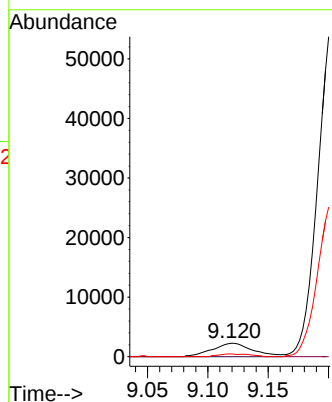


#48
Methyl methacrylate
Concen: 1.44 ug/l
RT: 9.120 min Scan# 2758
Delta R.T. -0.016 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

Instrument :
MSVOA_N
ClientSampleId :
PB136080TB

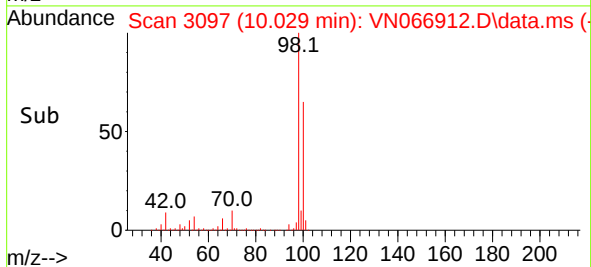
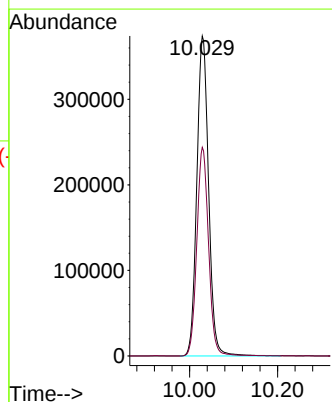
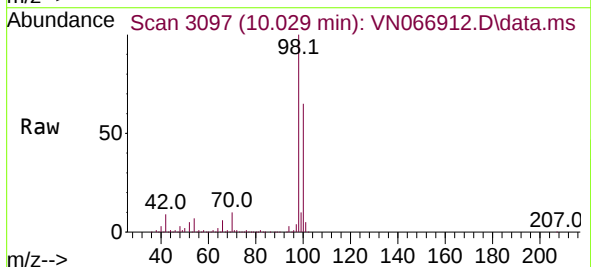


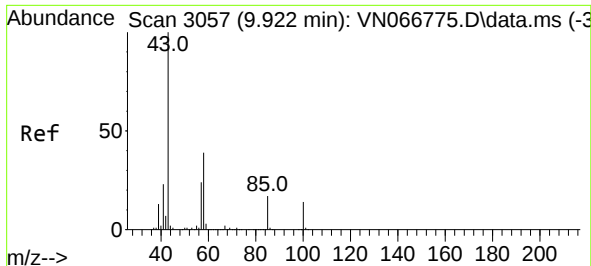
Tgt Ion: 41 Resp: 5234
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 54.05 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

Tgt Ion: 98 Resp: 693849
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7

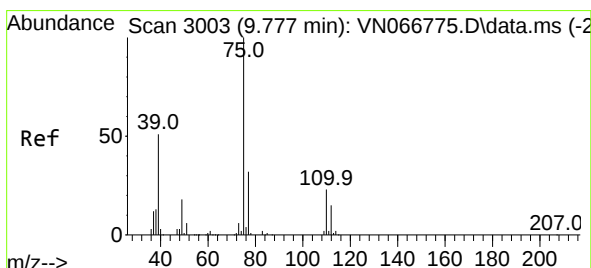
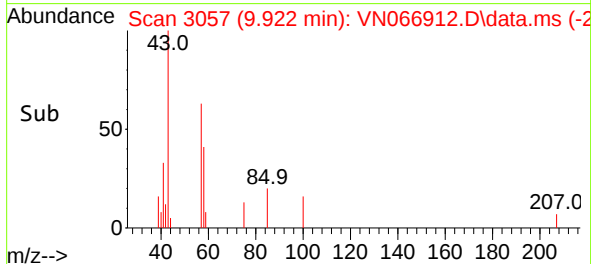
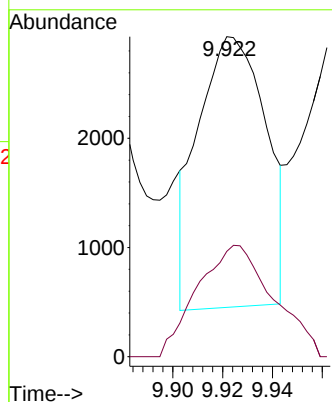
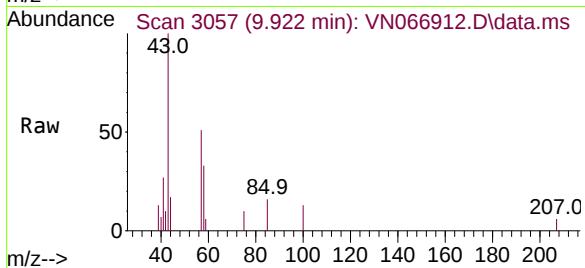




#51
4-Methyl-2-Pentanone
Concen: 1.03 ug/l
RT: 9.922 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

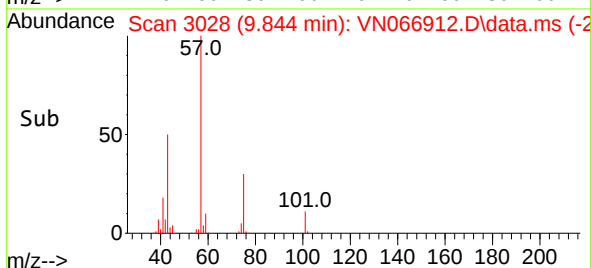
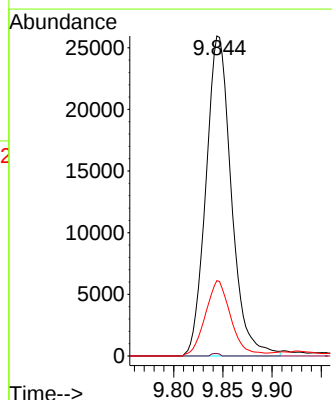
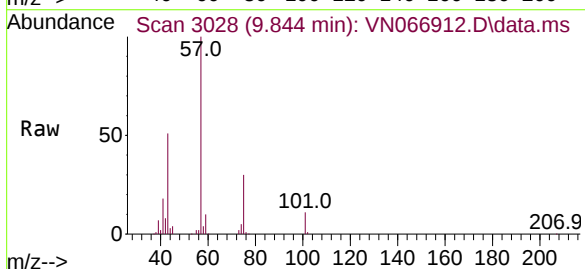
Instrument :
MSVOA_N
ClientSampleId :
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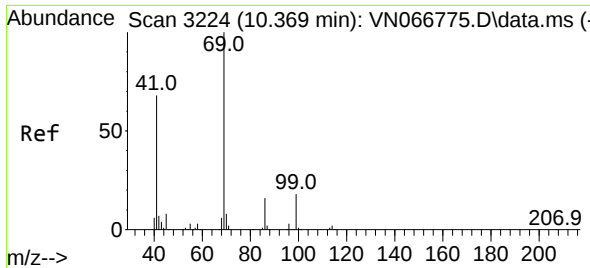
Tgt Ion: 43 Resp: 4661
Ion Ratio Lower Upper
43 100
58 46.2 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 7.45 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

Tgt Ion: 75 Resp: 46632
Ion Ratio Lower Upper
75 100
77 0.7 24.9 37.3#
39 23.5 36.2 54.4#

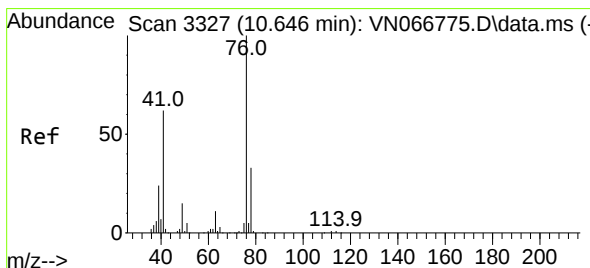
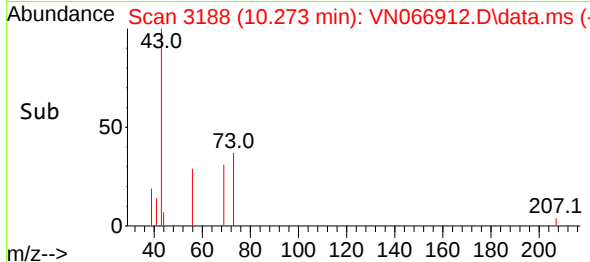
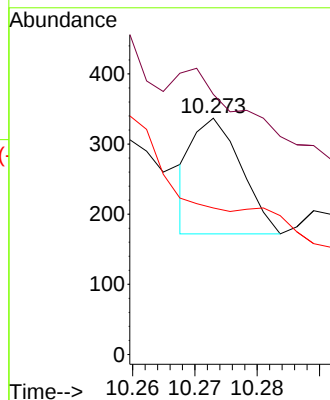
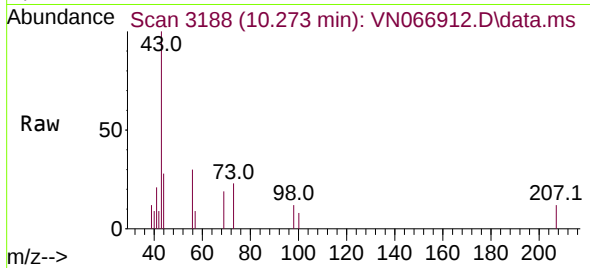




#56
Ethyl methacrylate
Concen: 3.18 ug/l
RT: 10.273 min Scan# 3188
Delta R.T. -0.096 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

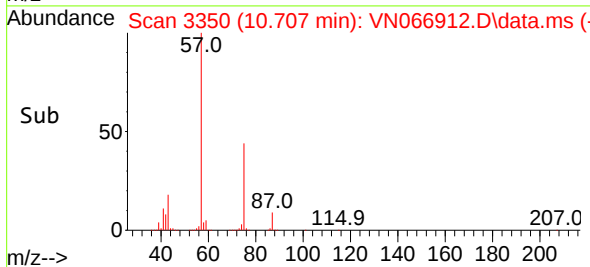
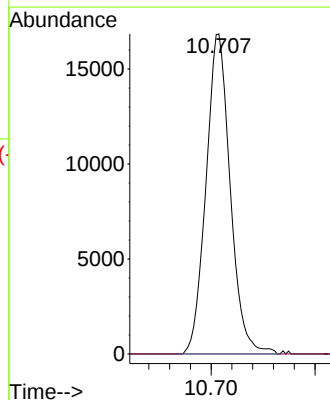
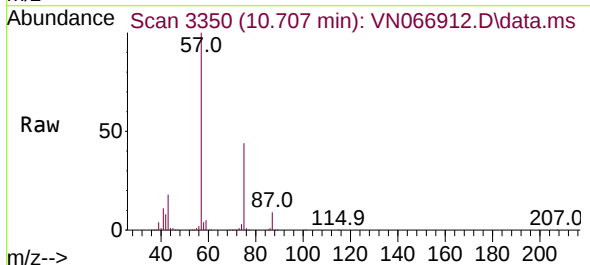
Instrument :
MSVOA_N
ClientSampleId :
PB136080TB

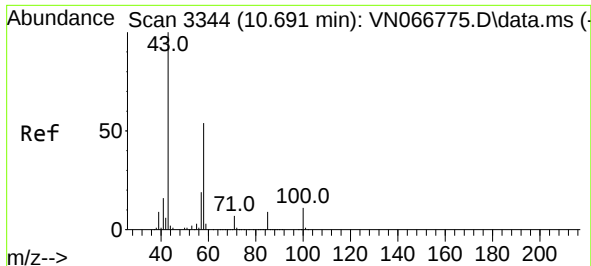
Tgt Ion: 69 Resp: 89
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 4.51 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.061 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

Tgt Ion: 76 Resp: 27272
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

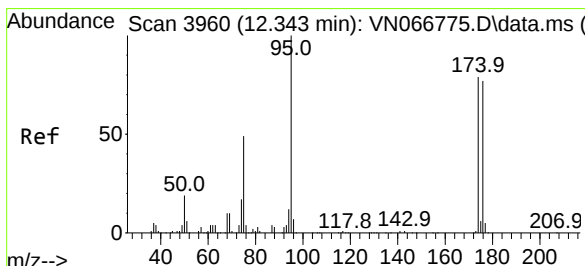
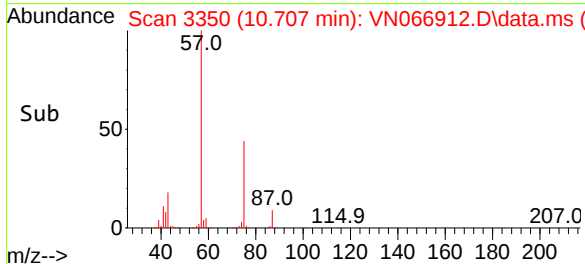
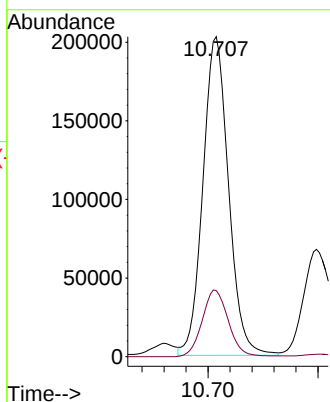
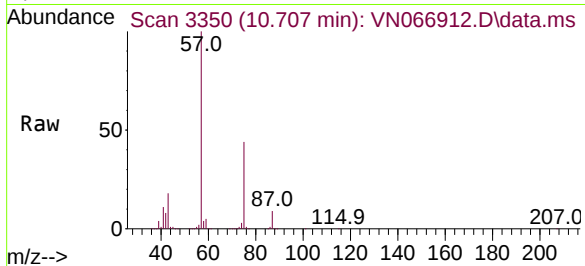




#59
2-Hexanone
Concen: 104.63 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.016 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

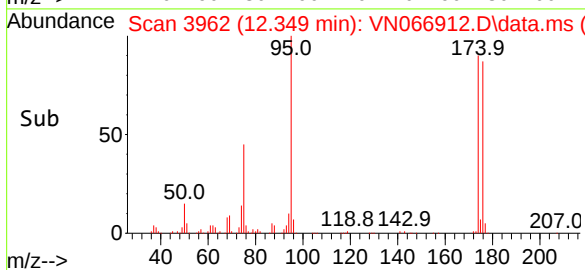
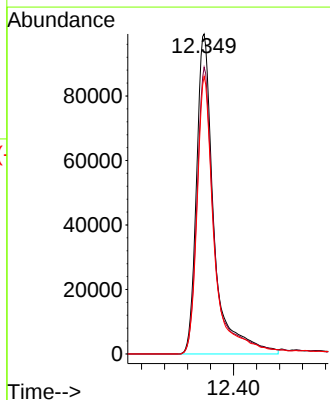
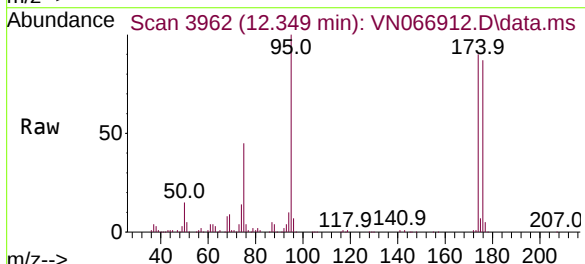
Instrument :
MSVOA_N
ClientSampleId :
PB136080TB

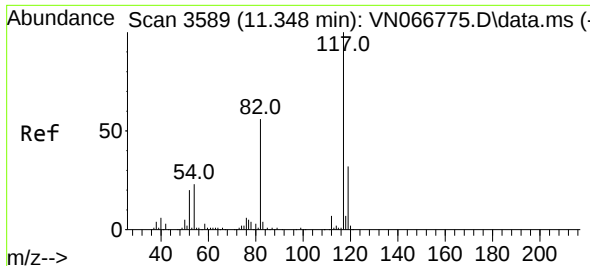
Tgt Ion: 43 Resp: 327973
Ion Ratio Lower Upper
43 100
58 21.4 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 48.24 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

Tgt Ion: 95 Resp: 209510
Ion Ratio Lower Upper
95 100
174 89.3 0.0 169.0
176 86.1 0.0 162.4

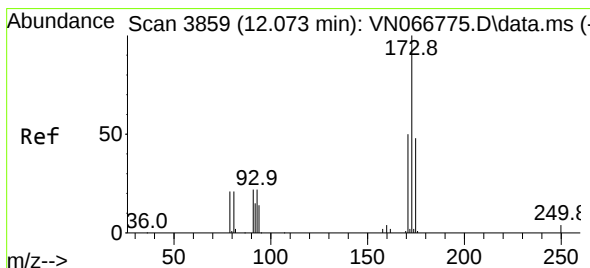
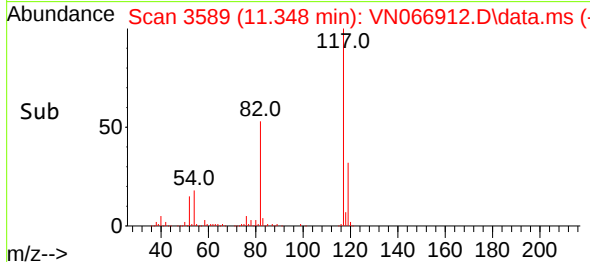
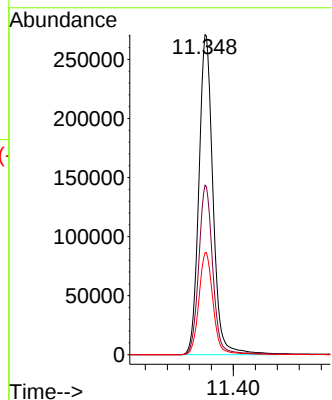
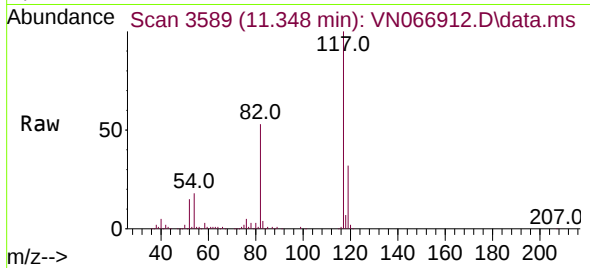




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

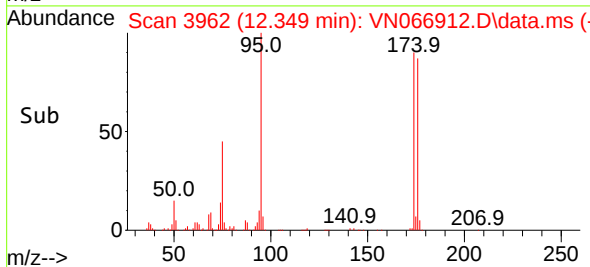
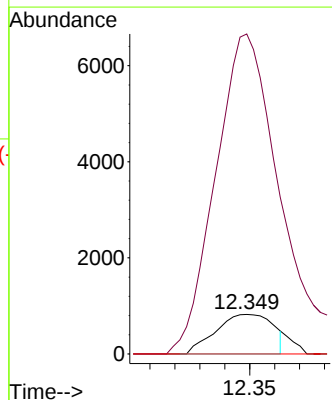
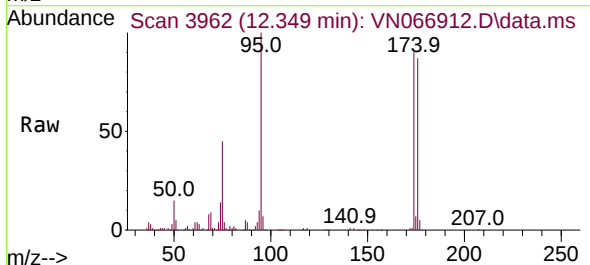
Instrument :
MSVOA_N
ClientSampleId :
PB136080TB

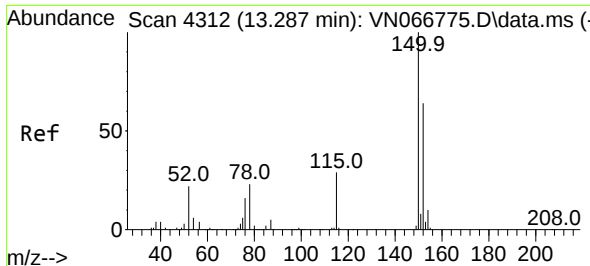
Tgt Ion:117 Resp: 482832
Ion Ratio Lower Upper
117 100
82 53.0 43.7 65.5
119 31.9 26.1 39.1



#71
Bromoform
Concen: 0.50 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

Tgt Ion:173 Resp: 1322
Ion Ratio Lower Upper
173 100
175 767.5 23.8 71.2#
254 0.0 0.0 0.0

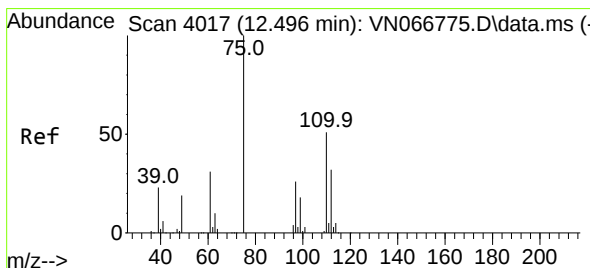
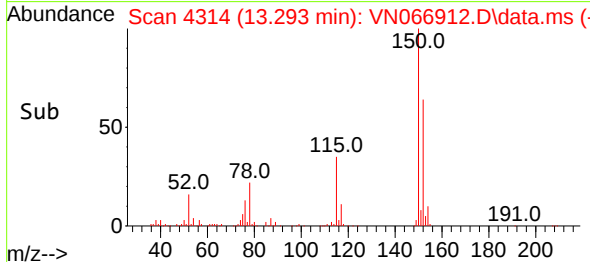
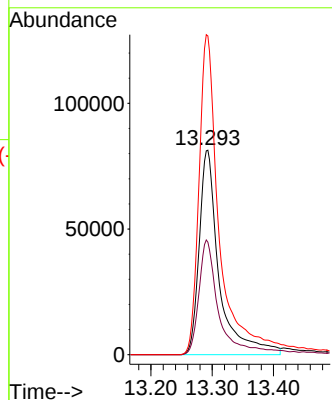
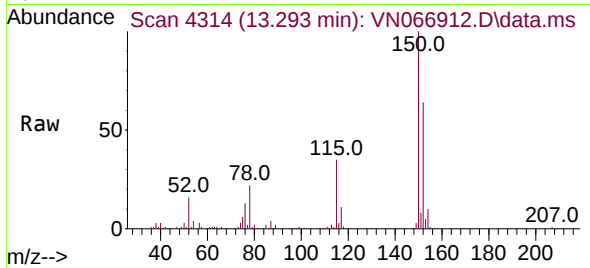




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.293 min Scan# 4314
 Delta R.T. 0.005 min
 Lab File: VN066912.D
 Acq: 30 Apr 2021 16:06

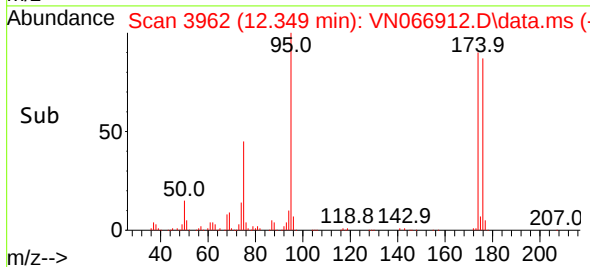
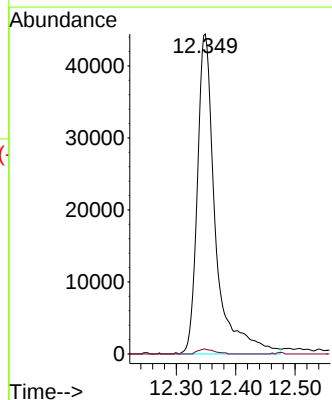
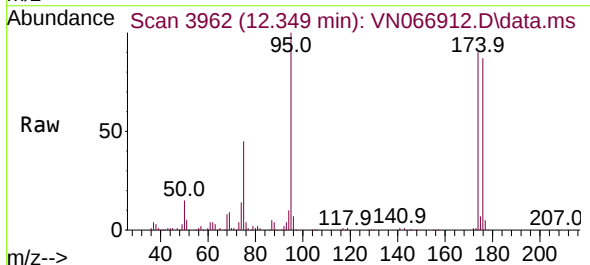
Instrument :
 MSVOA_N
 ClientSampleId :
 PB136080TB

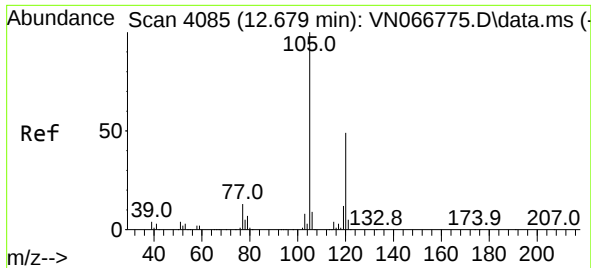
Tgt Ion:152 Resp: 184998
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.5 85.6
 150 162.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 24.25 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. -0.147 min
 Lab File: VN066912.D
 Acq: 30 Apr 2021 16:06

Tgt Ion: 75 Resp: 94560
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

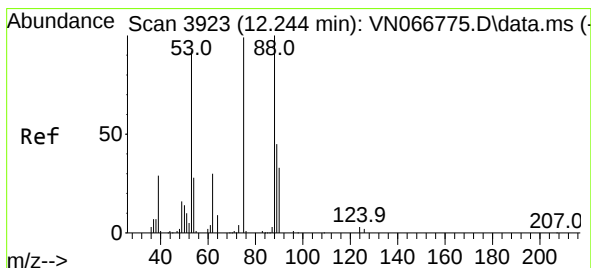
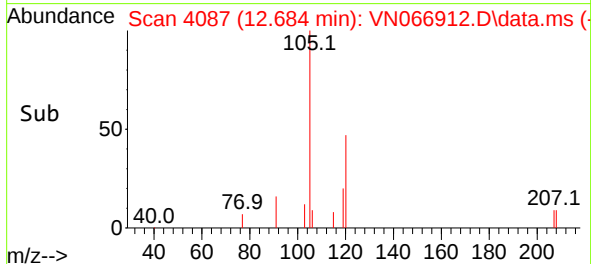
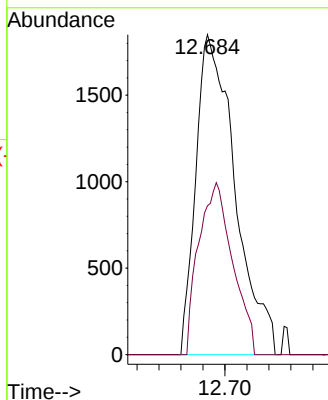
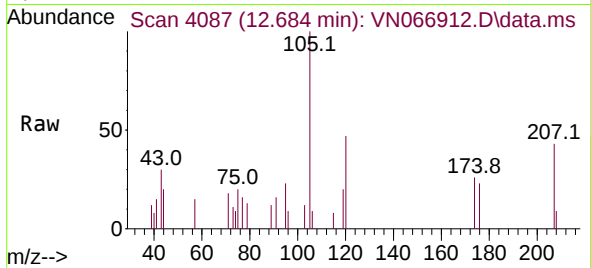




#80
1,3,5-Trimethylbenzene
Concen: 0.40 ug/l
RT: 12.684 min Scan# 4087
Delta R.T. 0.005 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

Instrument :
MSVOA_N
ClientSampleId :
PB136080TB

Tgt Ion:105 Resp: 4573
Ion Ratio Lower Upper
105 100
120 46.5 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 65.23 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066912.D
Acq: 30 Apr 2021 16:06

Tgt Ion: 75 Resp: 94560
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

