

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
 Data File : VN066119.D
 Acq On : 3 Mar 2021 12:56
 Operator : JC/MD
 Sample : M1507-03MEDL 20X
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41007MEDL

Quant Time: Mar 04 02:13:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

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

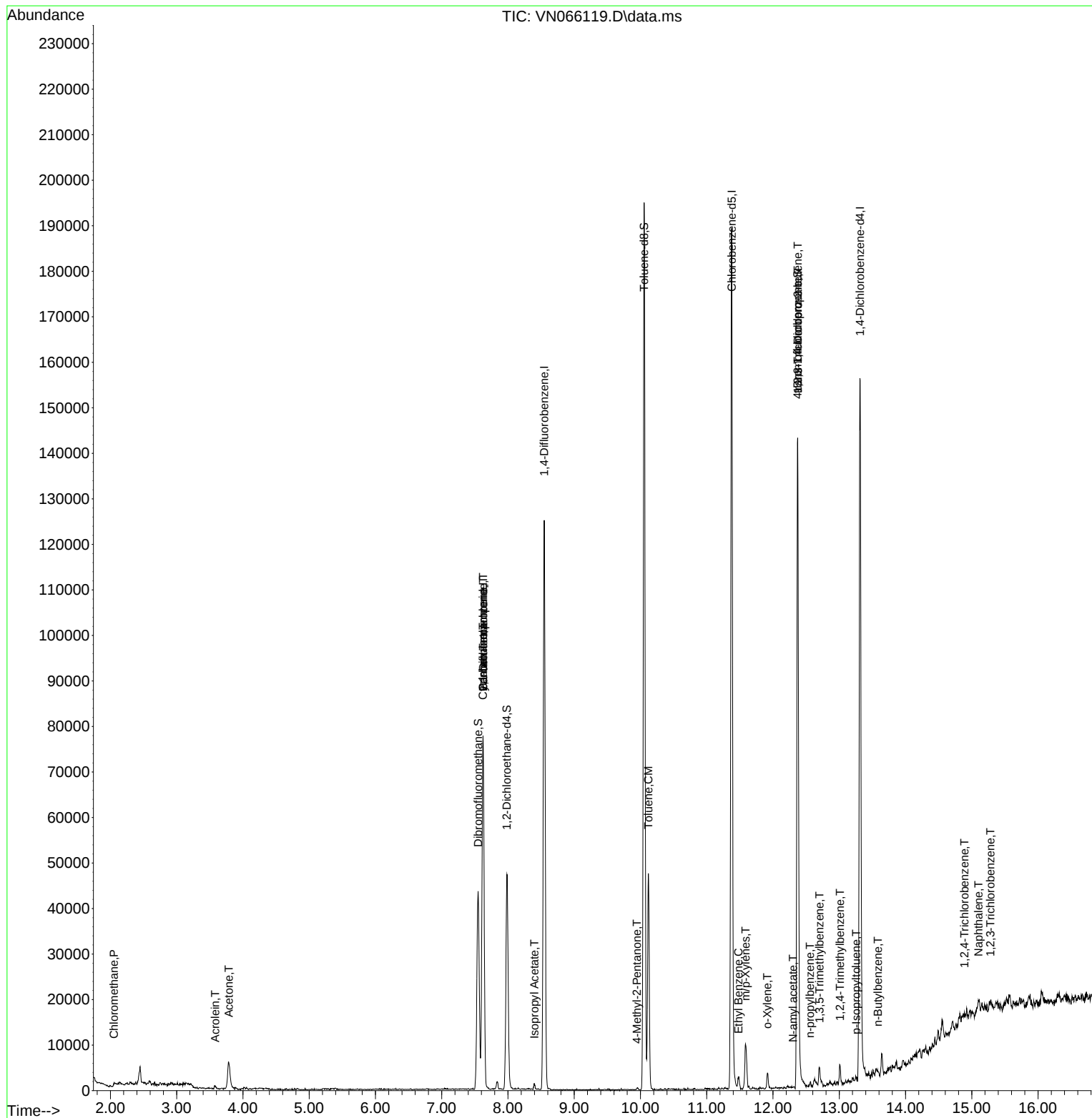
Internal Standards						
1) Pentafluorobenzene	7.624	168	60940	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.547	114	112842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	113218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	44617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	44931	48.45	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.90%		
35) Dibromofluoromethane	7.550	113	34534	48.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.66%		
50) Toluene-d8	10.055	98	138167	49.64	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.28%		
62) 4-Bromofluorobenzene	12.370	95	57046	53.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.44%		
Target Compounds						Qvalue
3) Chloromethane	2.052	50	569	0.81	ug/l	# 42
13) Acrolein	3.582	56	769	10.98	ug/l	# 41
16) Acetone	3.785	43	11213	40.45	ug/l	97
31) Cyclohexane	7.621	56	1380	1.24	ug/l	# 11
36) 1,1-Dichloropropene	7.624	75	4853	4.58	ug/l	# 46
38) Carbon Tetrachloride	7.624	117	6184	5.07	ug/l	# 12
43) Isopropyl Acetate	8.399	43	530	0.34	ug/l	# 53
51) 4-Methyl-2-Pentanone	9.945	43	418	0.49	ug/l	# 35
52) Toluene	10.119	92	21058	10.45	ug/l	96
67) Ethyl Benzene	11.479	91	2579	0.61	ug/l	96
68) m/p-Xylenes	11.588	106	3595	2.19	ug/l	81
69) o-Xylene	11.916	106	1332	0.83	ug/l	93
74) N-amyl acetate	12.302	43	60	3.25	ug/l	# 42
76) 1,2,3-Trichloropropane	12.373	75	30994	31.46	ug/l	# 100
78) n-propylbenzene	12.559	91	1079	0.27	ug/l	80
80) 1,3,5-Trimethylbenzene	12.701	105	1113	0.34	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.373	75	30994	92.57	ug/l	# 12
84) 1,2,4-Trimethylbenzene	13.010	105	3449	1.09	ug/l	91
86) p-Isopropyltoluene	13.257	119	640	0.21	ug/l	# 50
89) n-Butylbenzene	13.582	91	1003	0.42	ug/l	# 59
92) 1,2-Dibromo-3-Chloropr...	14.254	75	63	Below Cal		# 1
93) 1,2,4-Trichlorobenzene	14.887	180	328	0.43	ug/l	# 68
95) Naphthalene	15.103	128	2573	1.03	ug/l	# 82
96) 1,2,3-Trichlorobenzene	15.283	180	487	0.59	ug/l	# 51

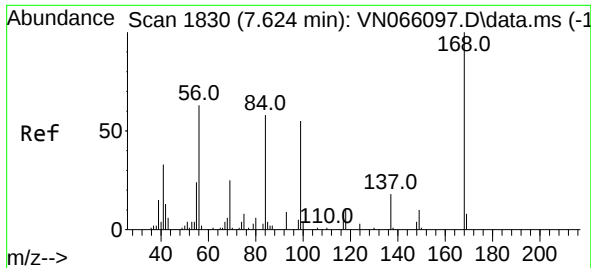
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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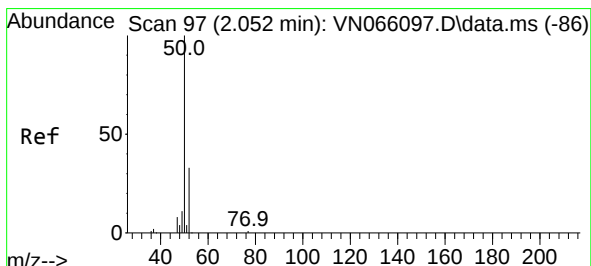
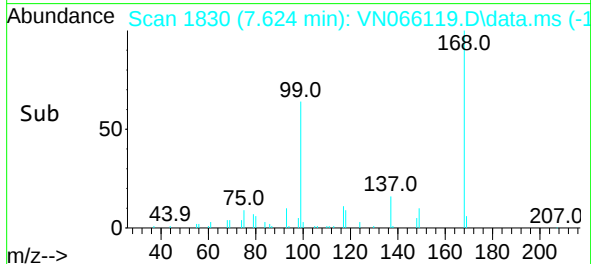
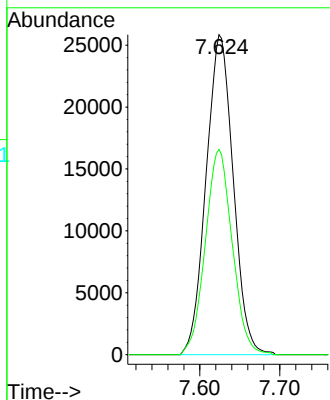
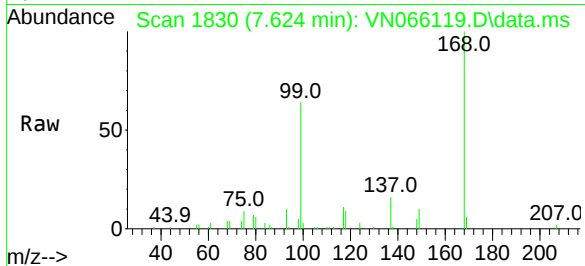




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

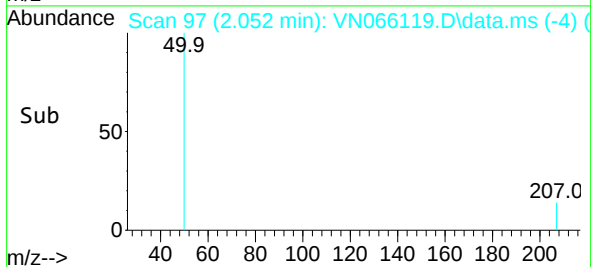
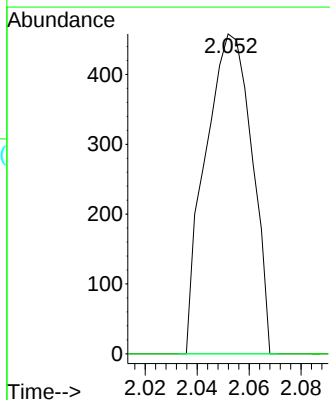
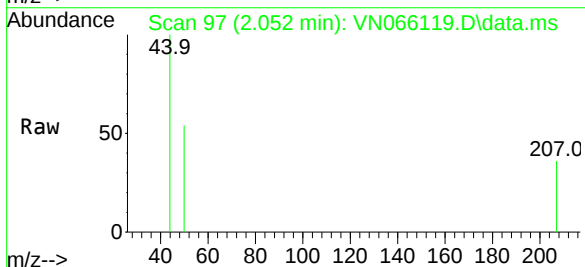
Instrument :
MSVOA_N
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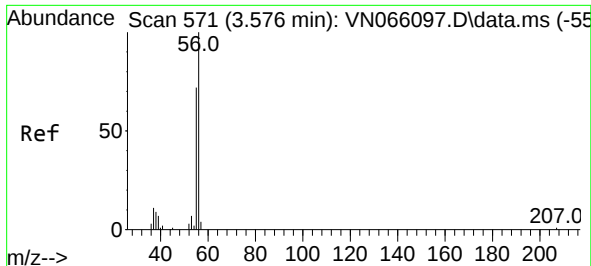
Tgt Ion:168 Resp: 60940
Ion Ratio Lower Upper
168 100
99 64.2 42.6 63.8#



#3
Chloromethane
Concen: 0.81 ug/l
RT: 2.052 min Scan# 97
Delta R.T. -0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Tgt Ion: 50 Resp: 569
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#

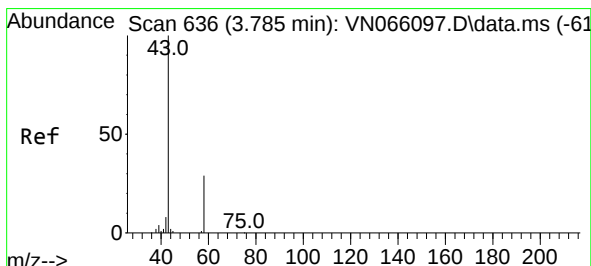
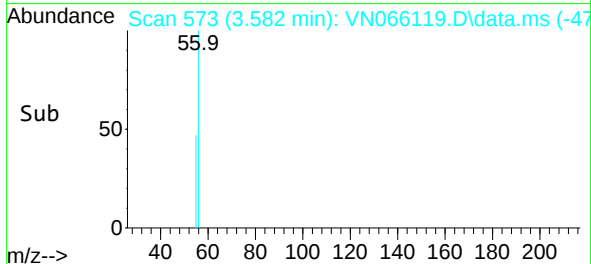
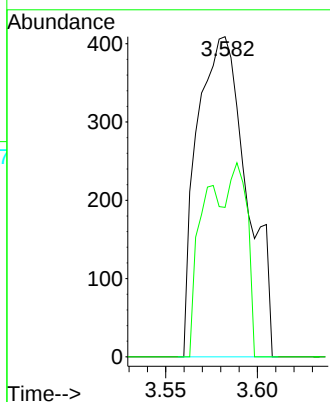
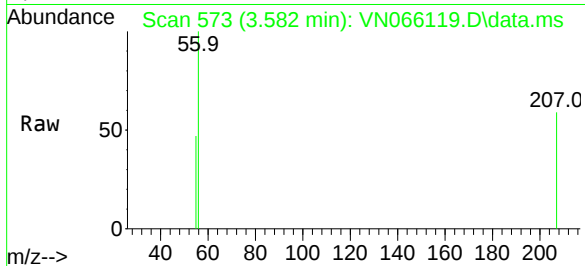




#13
Acrolein
Concen: 10.98 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.006 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

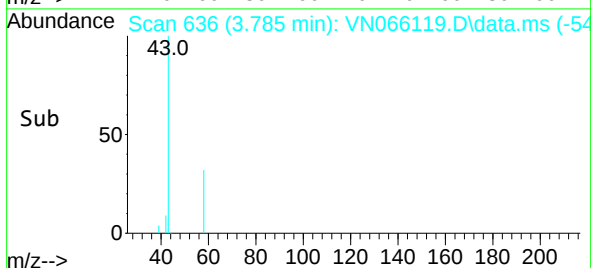
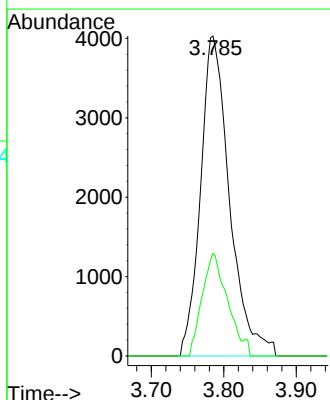
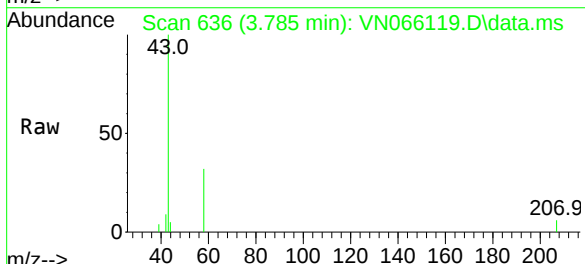
Instrument :
MSVOA_N
ClientSampleId :
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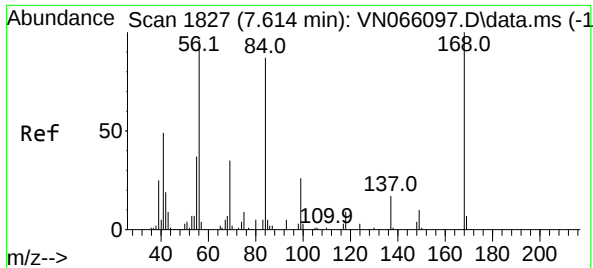
Tgt Ion: 56 Resp: 769
Ion Ratio Lower Upper
56 100
55 22.0 56.0 84.0#



#16
Acetone
Concen: 40.45 ug/l
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Tgt Ion: 43 Resp: 11213
Ion Ratio Lower Upper
43 100
58 32.0 27.0 40.6

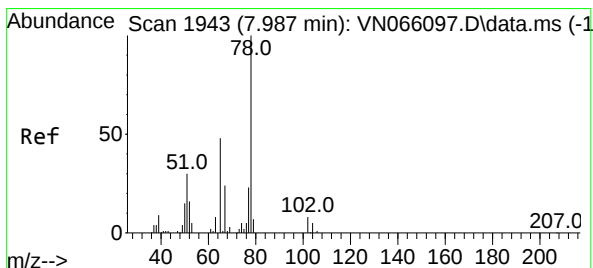
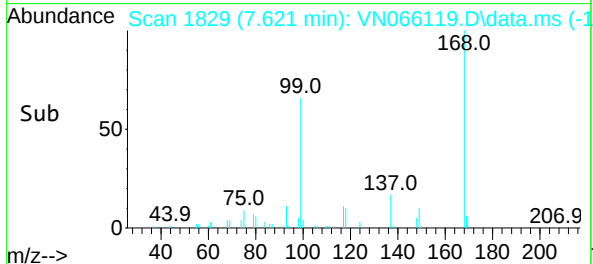
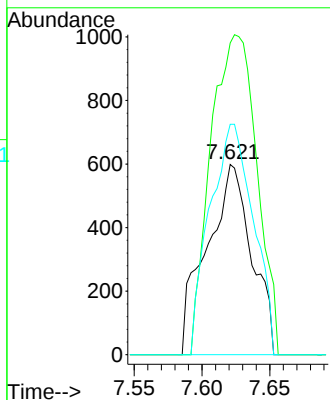
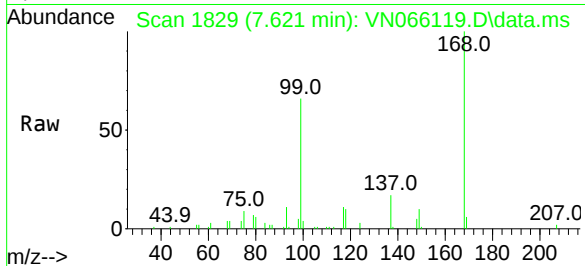




#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.007 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

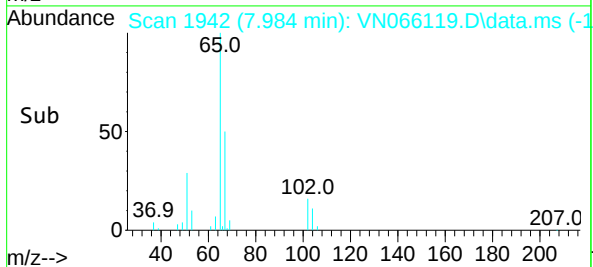
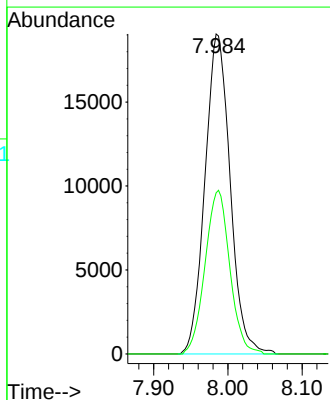
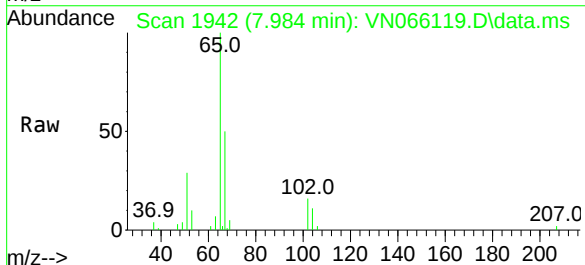
Instrument :
MSVOA_N
ClientSampleId :
41007MEDL

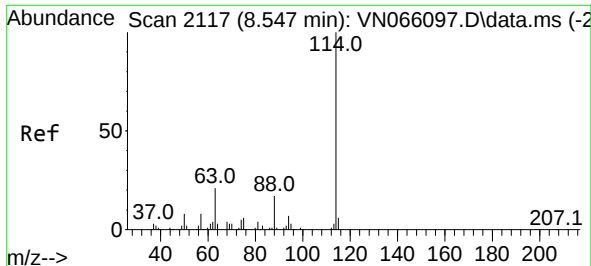
Tgt Ion: 56 Resp: 1380
Ion Ratio Lower Upper
56 100
69 163.8 26.6 39.8#
84 121.0 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 48.45 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

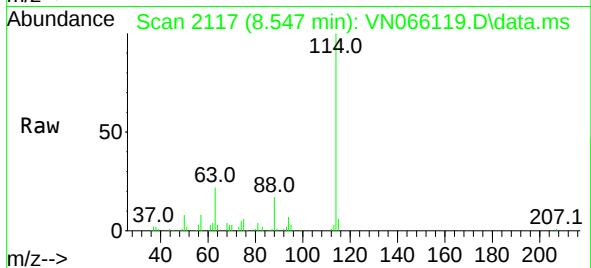
Tgt Ion: 65 Resp: 44931
Ion Ratio Lower Upper
65 100
67 50.2 0.0 107.2



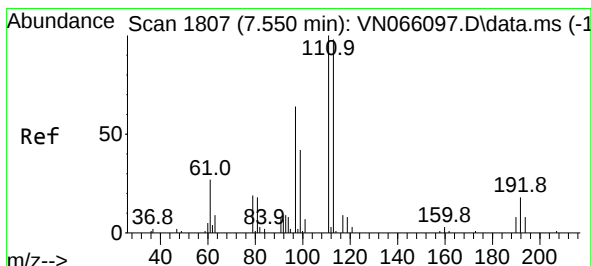
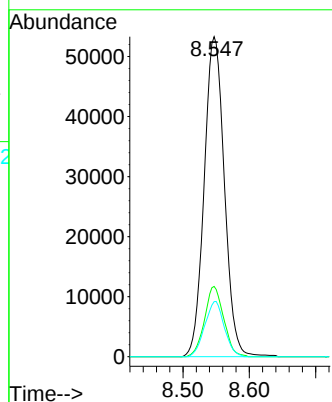
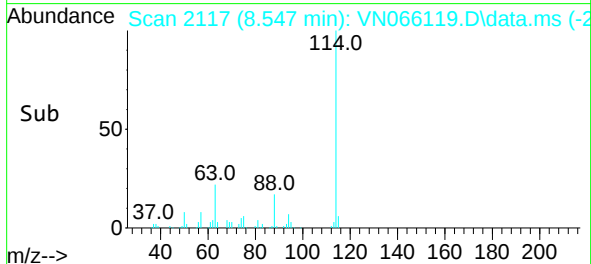


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

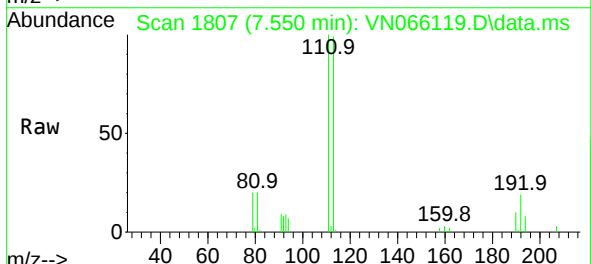
Instrument :
MSVOA_N
ClientSampleId :
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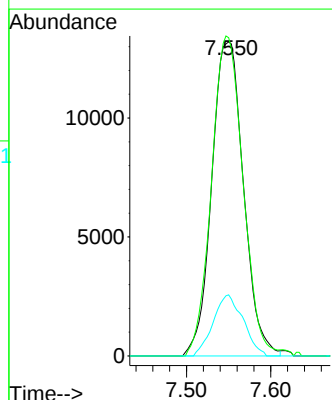
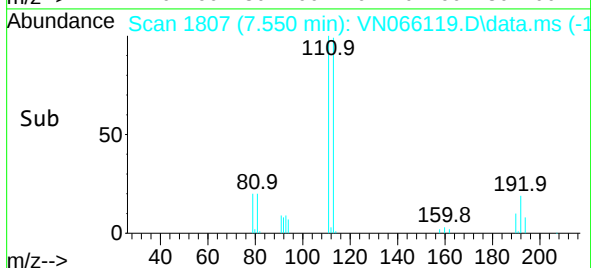
Tgt Ion:114 Resp: 112842
Ion Ratio Lower Upper
114 100
63 22.0 0.0 38.6
88 17.2 0.0 30.6

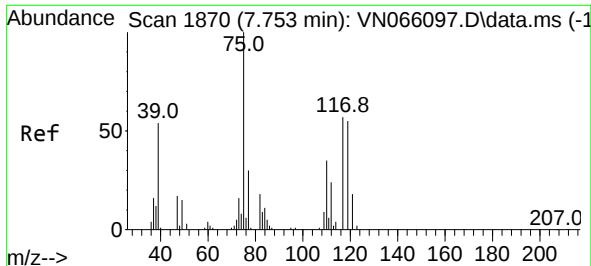


#35
Dibromofluoromethane
Concen: 48.33 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56



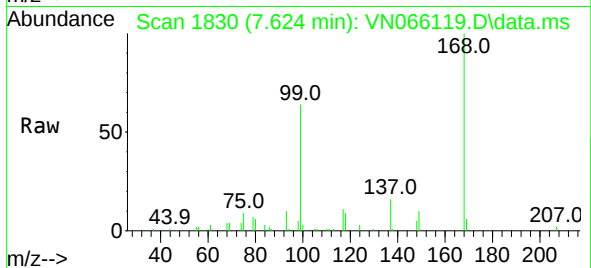
Tgt Ion:113 Resp: 34534
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 18.4 15.4 23.0



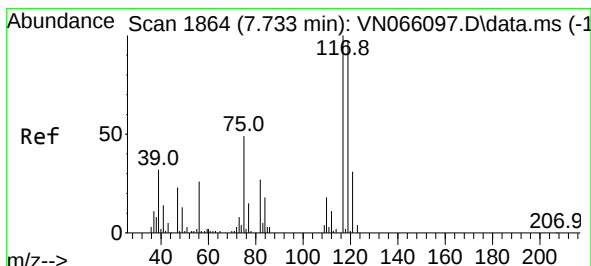
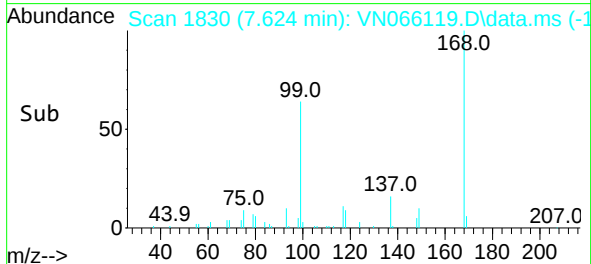
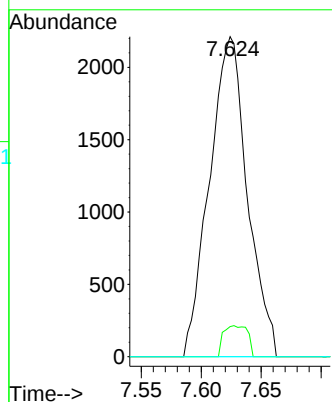


#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Instrument :
MSVOA_N
ClientSampled :
41007MEDL

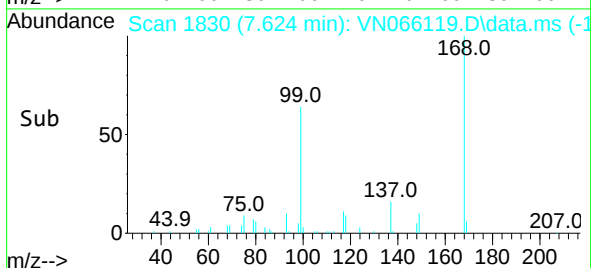
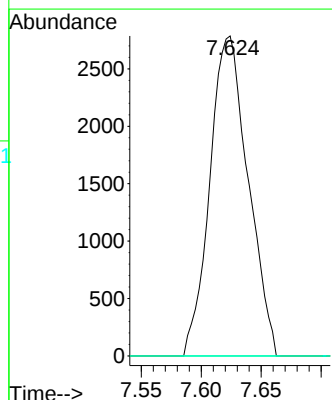
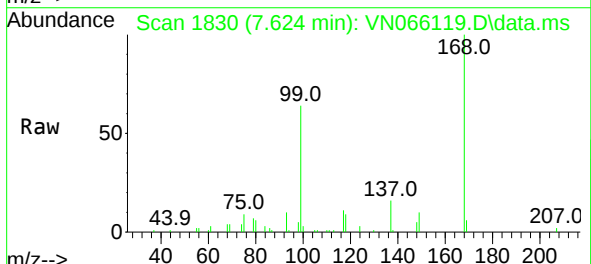


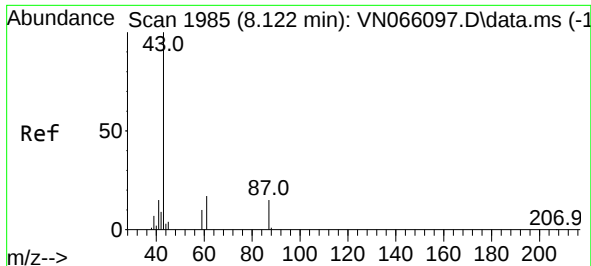
Tgt Ion: 75 Resp: 4853
Ion Ratio Lower Upper
75 100
110 6.1 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.07 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Tgt Ion: 117 Resp: 6184
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.5 36.7#





#43

Isopropyl Acetate

Concen: 0.34 ug/l

RT: 8.399 min Scan# 2071

Delta R.T. 0.277 min

Lab File: VN066119.D

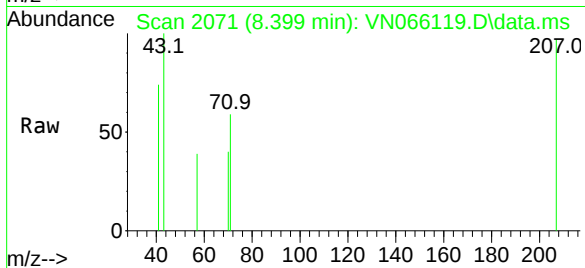
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Instrument :

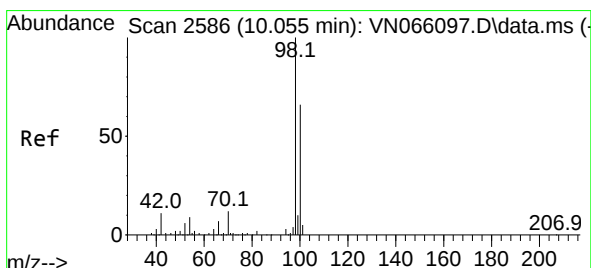
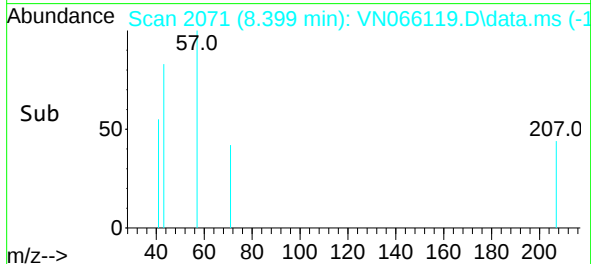
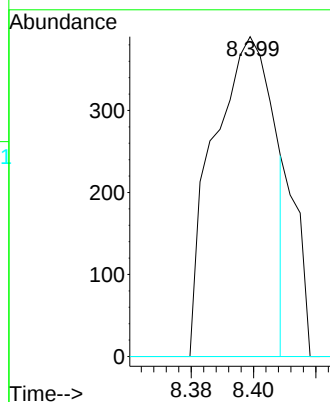
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Tgt Ion: 43	Resp: 530
Ion Ratio	Lower Upper
43 100	
61 0.0	22.5 33.7#
87 0.0	11.1 16.7#



#50

Toluene-d8

Concen: 49.64 ug/l

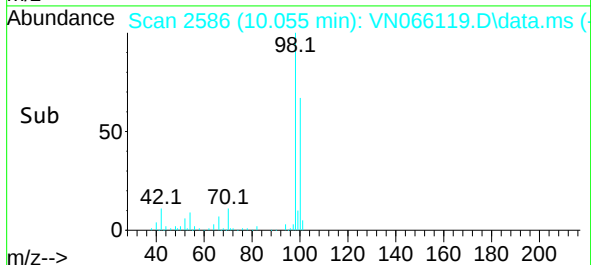
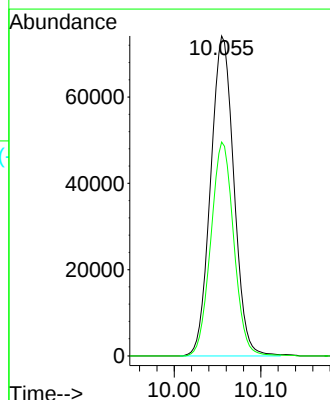
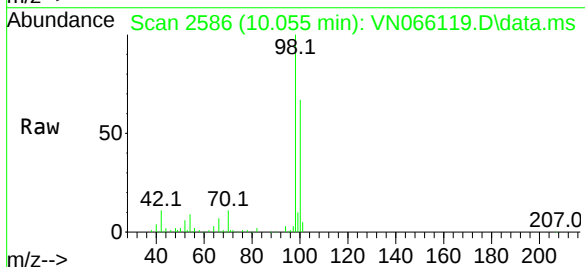
RT: 10.055 min Scan# 2586

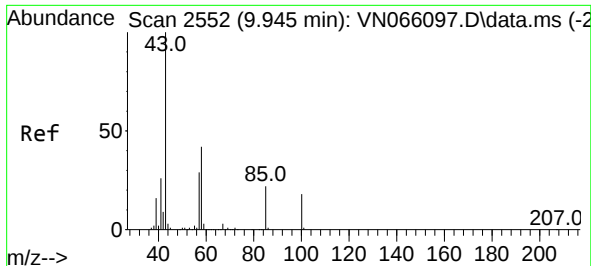
Delta R.T. -0.000 min

Lab File: VN066119.D

Acq: 3 Mar 2021 12:56

Tgt Ion: 98	Resp: 138167
Ion Ratio	Lower Upper
98 100	
100 66.1	50.5 75.7

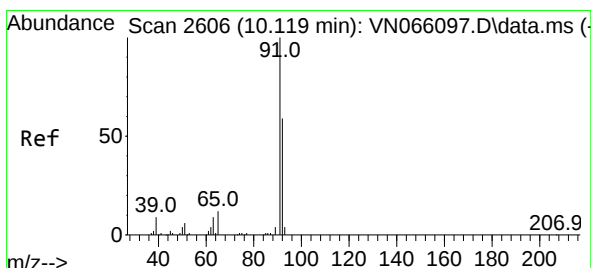
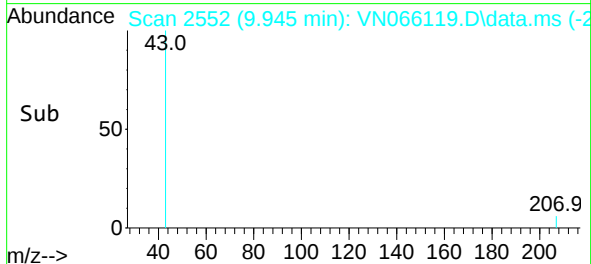
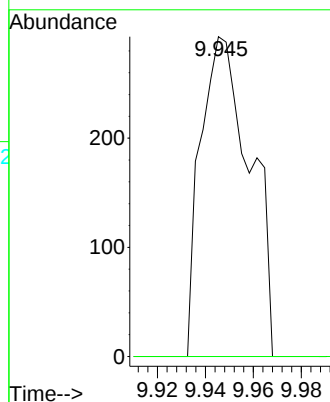
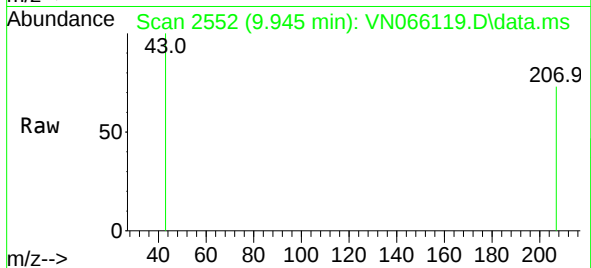




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 9.945 min Scan# 2552
Delta R.T. 0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

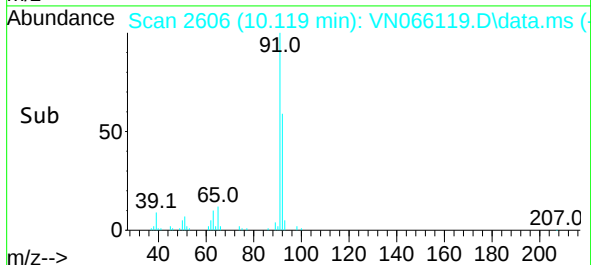
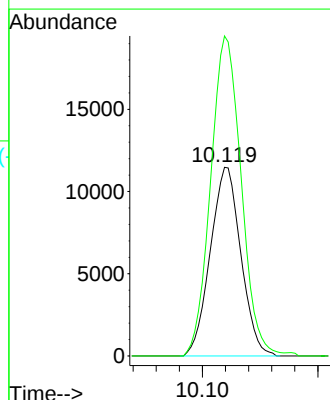
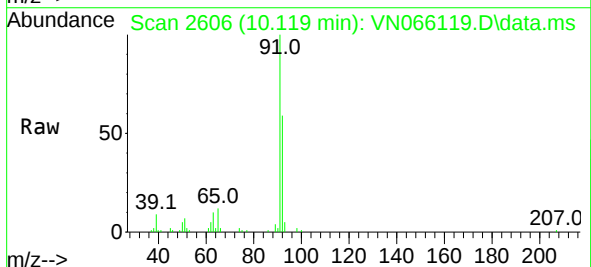
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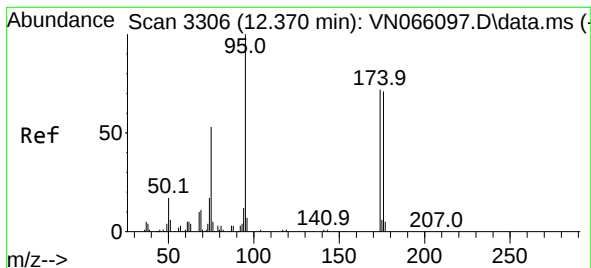
Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
58 0.0 32.5 48.7#



#52
Toluene
Concen: 10.45 ug/l
RT: 10.119 min Scan# 2606
Delta R.T. 0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Tgt Ion: 92 Resp: 21058
Ion Ratio Lower Upper
92 100
91 169.8 140.7 211.1

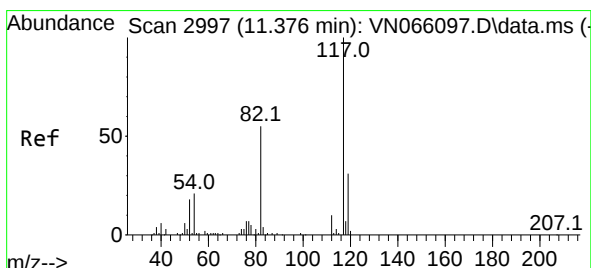
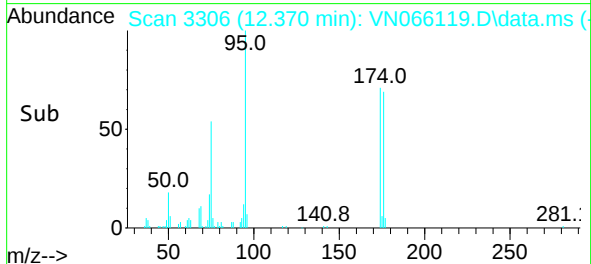
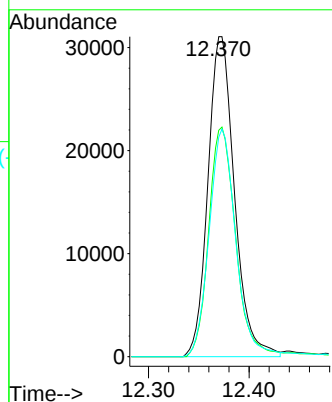
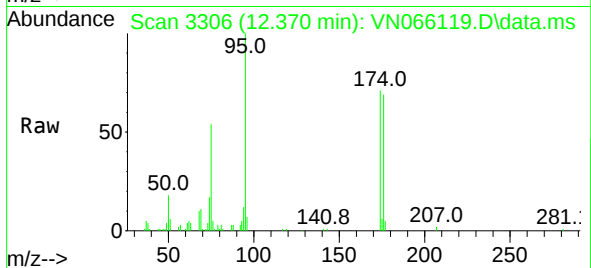




#62
4-Bromofluorobenzene
Concen: 53.22 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

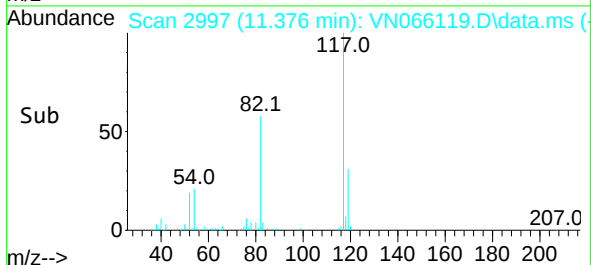
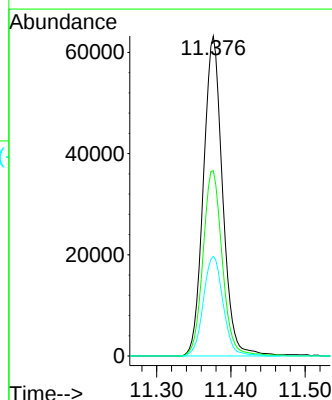
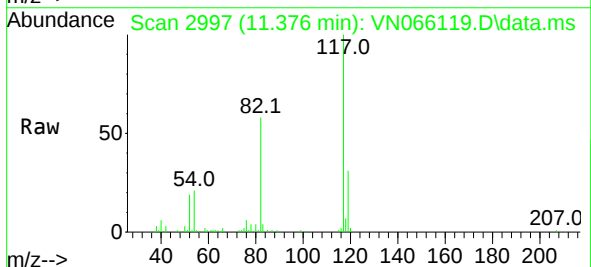
Instrument :
MSVOA_N
ClientSampleId :
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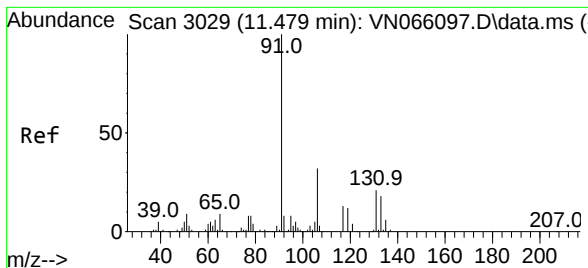
Tgt Ion: 95 Resp: 57046
Ion Ratio Lower Upper
95 100
174 72.6 0.0 169.0
176 72.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Tgt Ion: 117 Resp: 113218
Ion Ratio Lower Upper
117 100
82 57.9 43.7 65.5
119 31.1 26.1 39.1

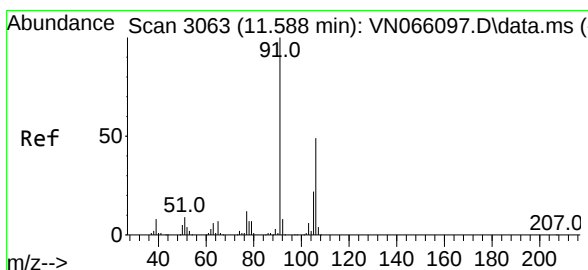
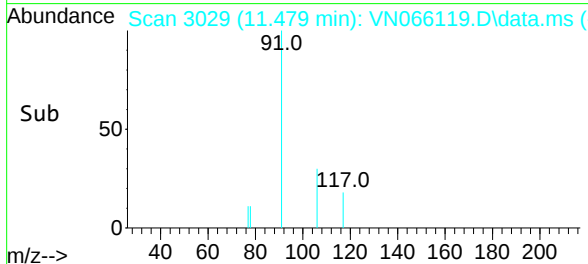
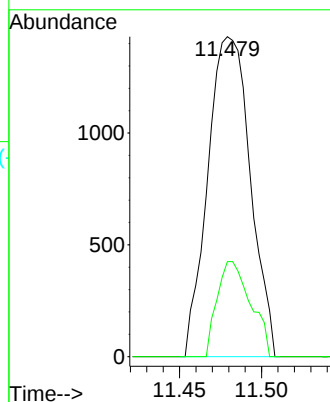
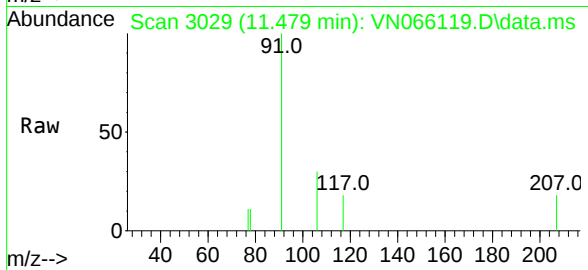




#67
Ethyl Benzene
Concen: 0.61 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

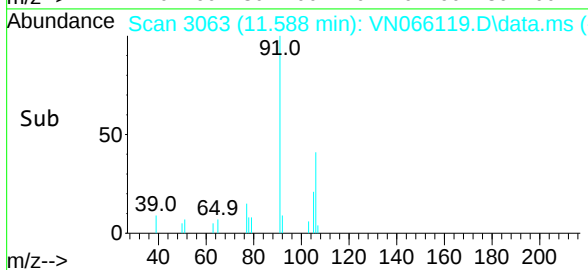
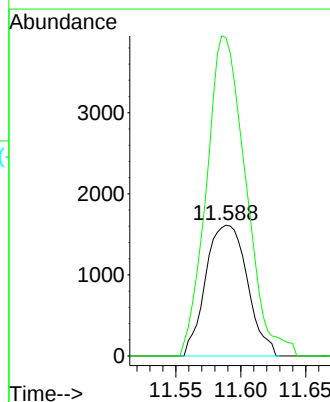
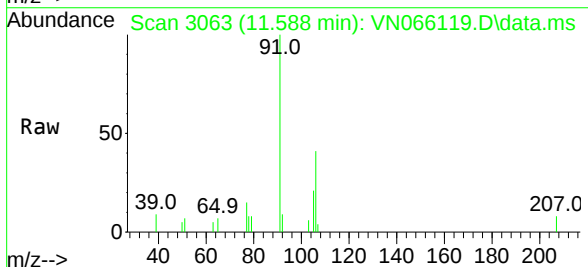
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MSVOA_N
ClientSampleId :
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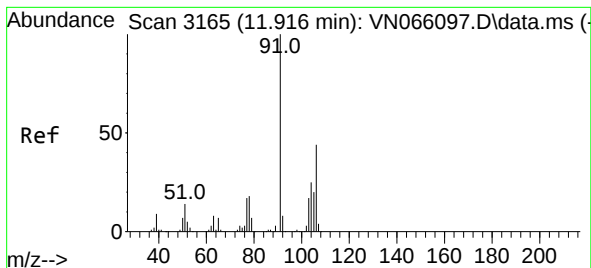
Tgt Ion: 91 Resp: 2579
Ion Ratio Lower Upper
91 100
106 29.7 25.5 38.3



#68
m/p-Xylenes
Concen: 2.19 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. 0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Tgt Ion: 106 Resp: 3595
Ion Ratio Lower Upper
106 100
91 230.8 161.4 242.0

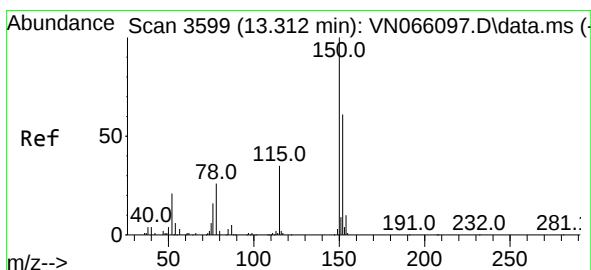
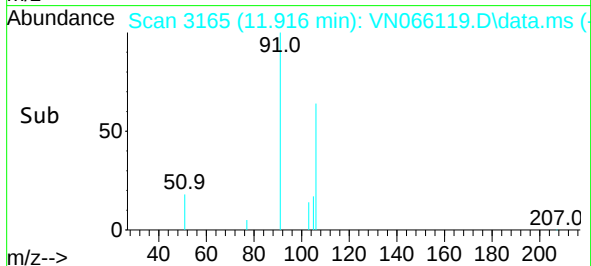
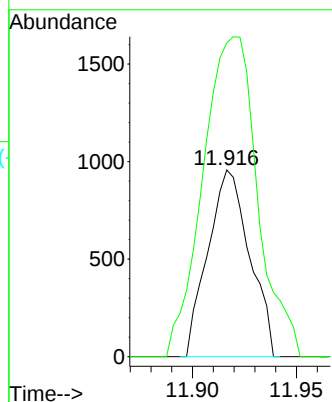
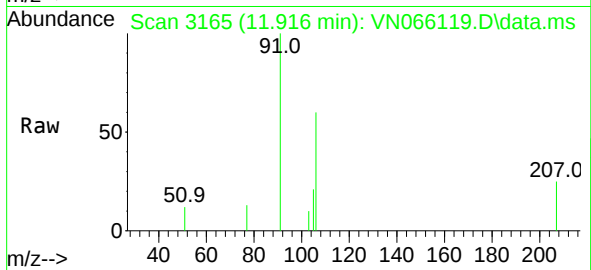




#69
o-Xylene
Concen: 0.83 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

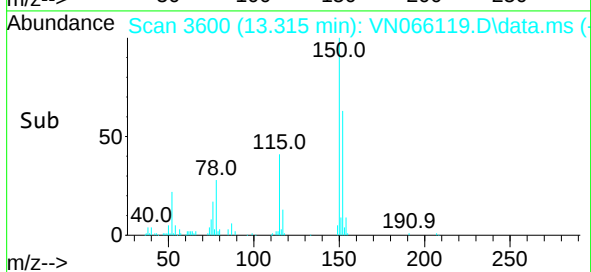
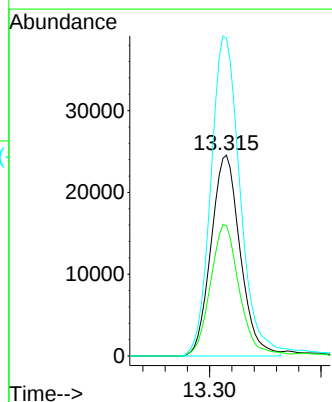
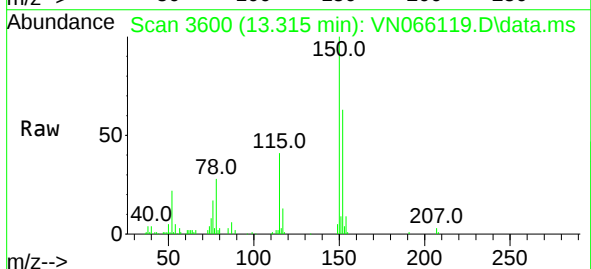
Instrument :
MSVOA_N
ClientSampleId :
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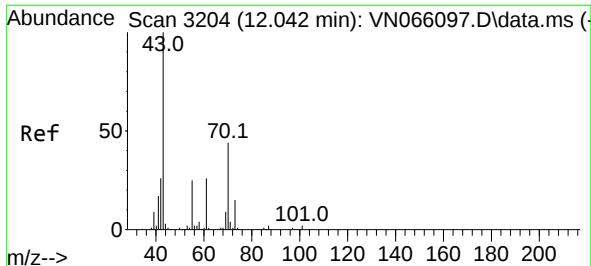
Tgt Ion:106 Resp: 1332
Ion Ratio Lower Upper
106 100
91 225.2 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

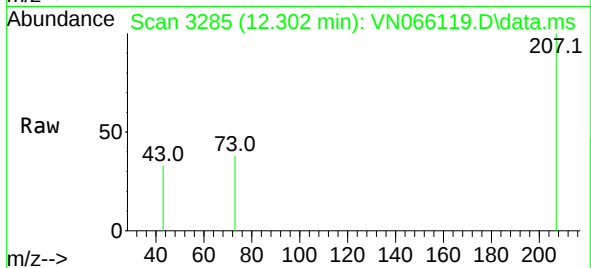
Tgt Ion:152 Resp: 44617
Ion Ratio Lower Upper
152 100
115 64.9 28.5 85.6
150 162.8 0.0 347.6



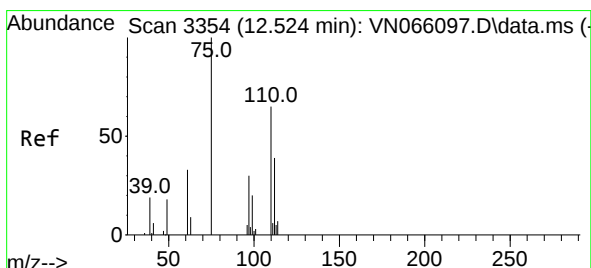
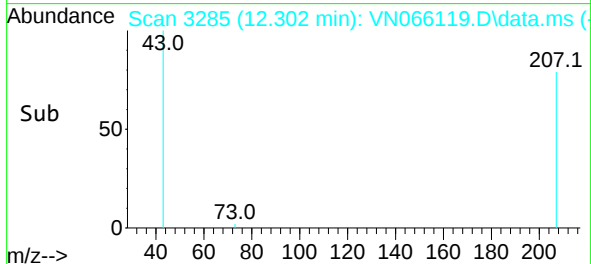
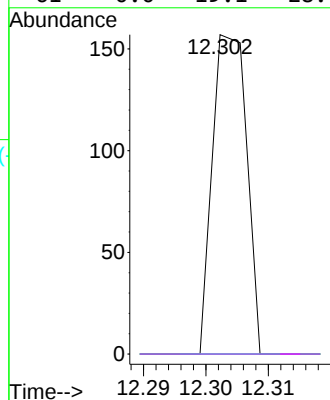


#74
N-amy1 acetate
Concen: 3.25 ug/l
RT: 12.302 min Scan# 3285
Delta R.T. 0.260 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Instrument :
MSVOA_N
ClientSampleId :
41007MEDL

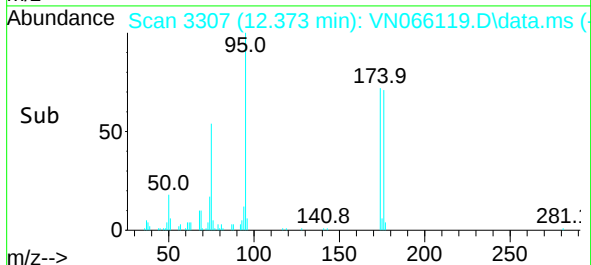
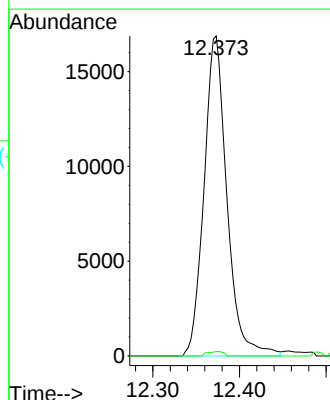
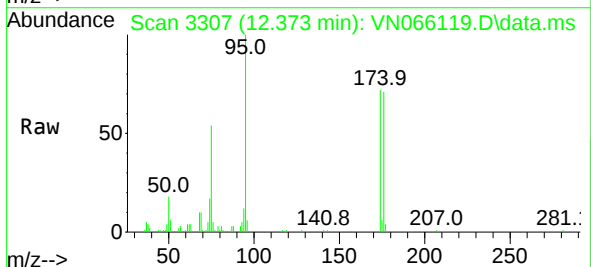


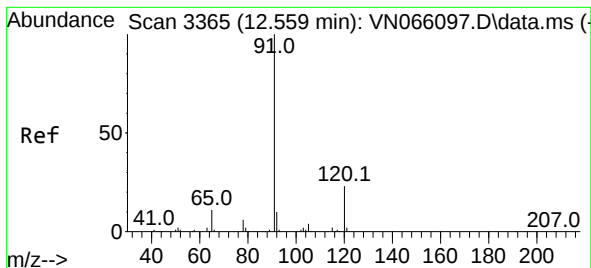
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 31.46 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Tgt Ion: 75 Resp: 30994
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

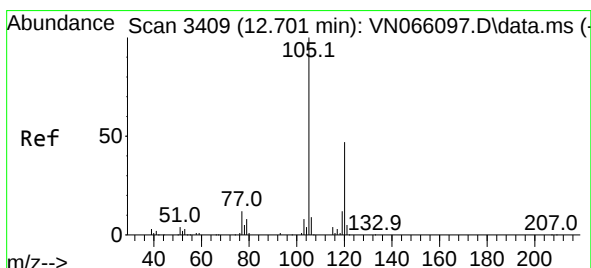
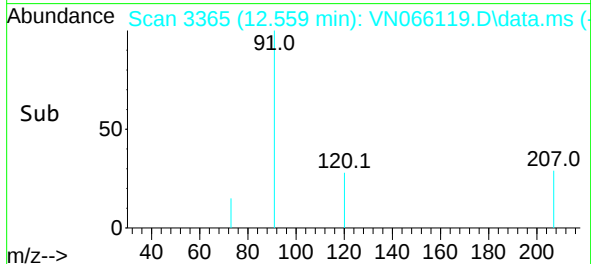
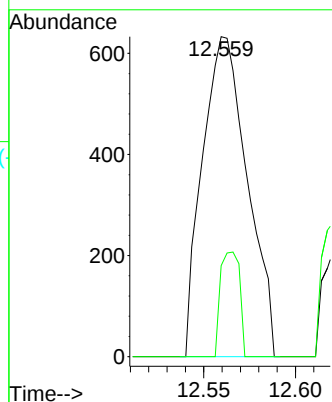
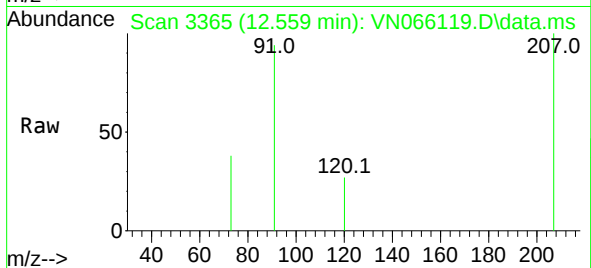




#78
n-propylbenzene
Concen: 0.27 ug/l
RT: 12.559 min Scan# 3365
Delta R.T. 0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

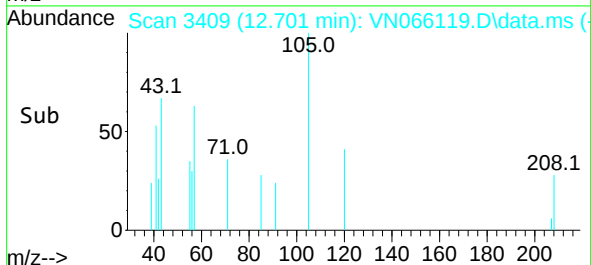
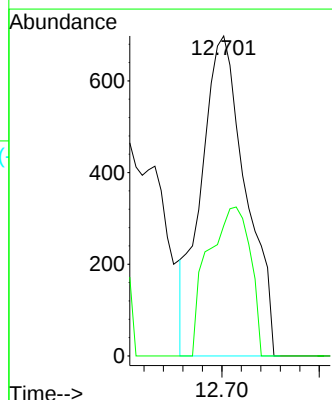
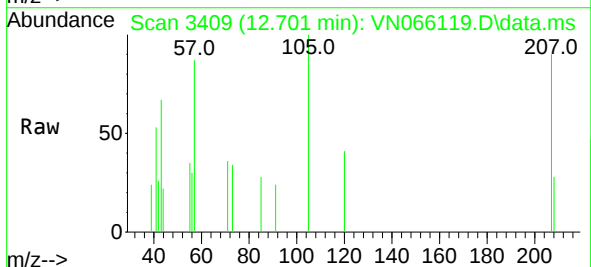
Instrument :
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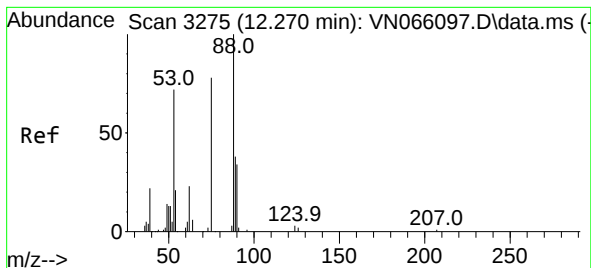
Tgt Ion: 91 Resp: 1079
Ion Ratio Lower Upper
91 100
120 13.9 11.8 35.3



#80
1,3,5-Trimethylbenzene
Concen: 0.34 ug/l
RT: 12.701 min Scan# 3409
Delta R.T. -0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Tgt Ion: 105 Resp: 1113
Ion Ratio Lower Upper
105 100
120 43.8 24.3 72.8

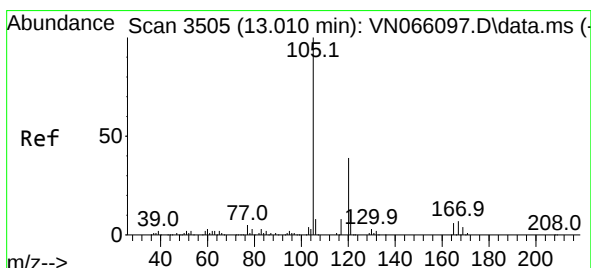
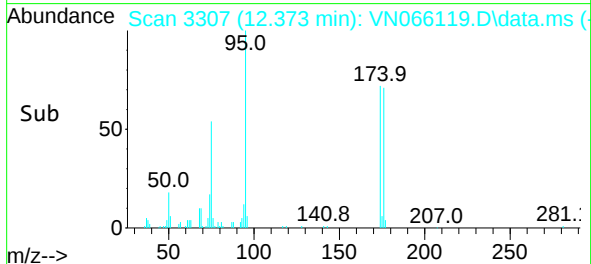
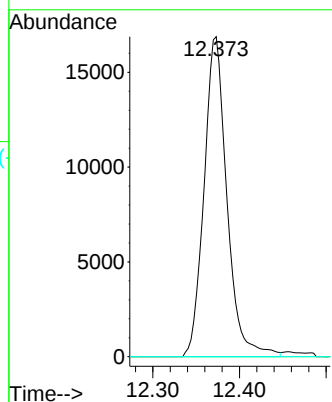
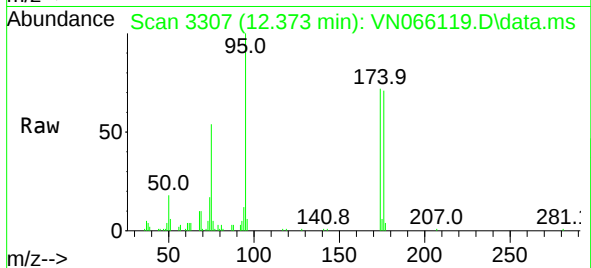




#81
trans-1,4-Dichloro-2-butene
Concen: 92.57 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

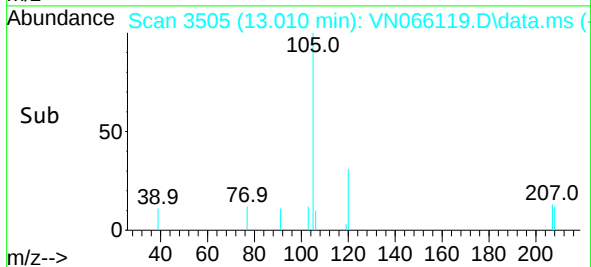
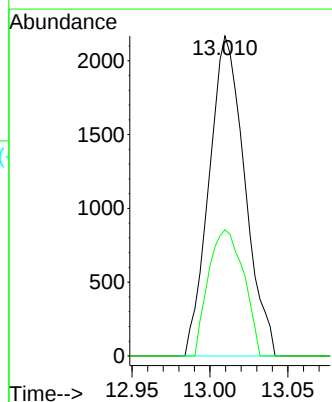
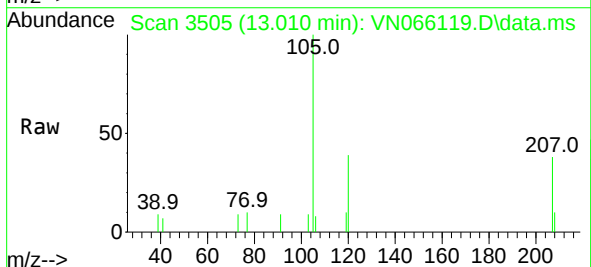
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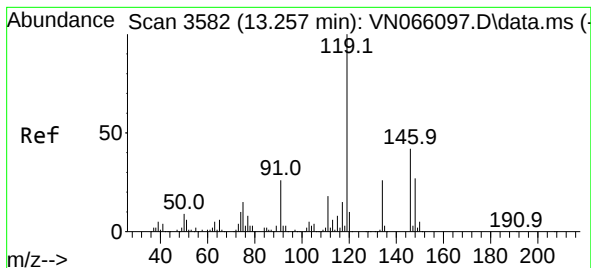
Tgt Ion: 75 Resp: 30994
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#84
1,2,4-Trimethylbenzene
Concen: 1.09 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Tgt Ion: 105 Resp: 3449
Ion Ratio Lower Upper
105 100
120 38.9 22.4 67.0

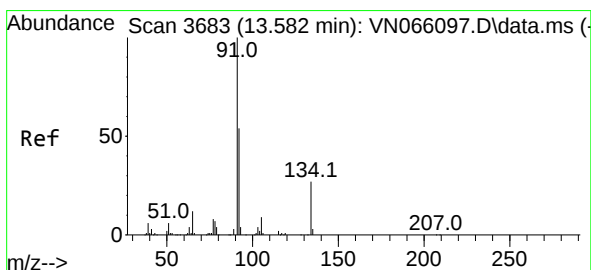
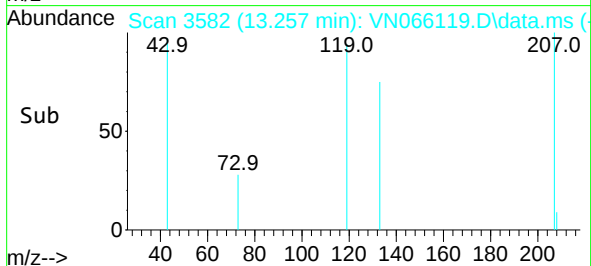
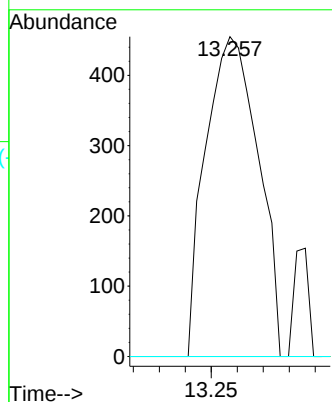
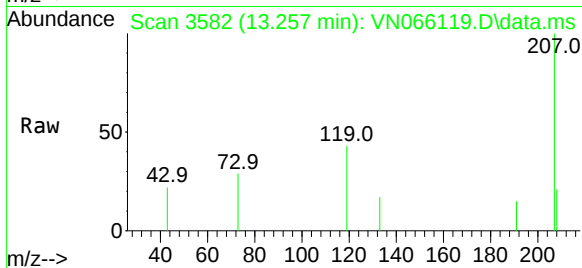




#86
p-Isopropyltoluene
Concen: 0.21 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

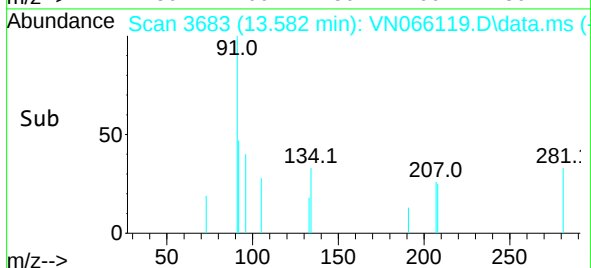
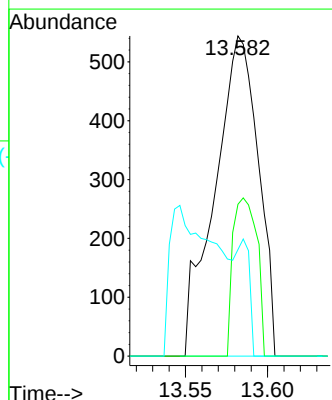
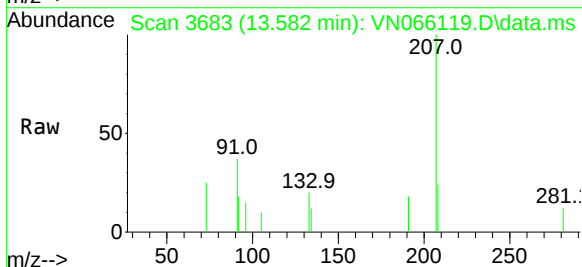
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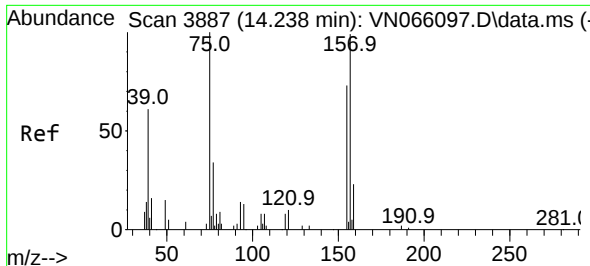
Tgt Ion:119 Resp: 640
Ion Ratio Lower Upper
119 100
134 0.0 13.3 39.8#
91 0.0 11.8 35.3#



#89
n-Butylbenzene
Concen: 0.42 ug/l
RT: 13.582 min Scan# 3683
Delta R.T. -0.000 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Tgt Ion: 91 Resp: 1003
Ion Ratio Lower Upper
91 100
92 27.1 26.1 78.3
134 0.0 13.0 38.9#

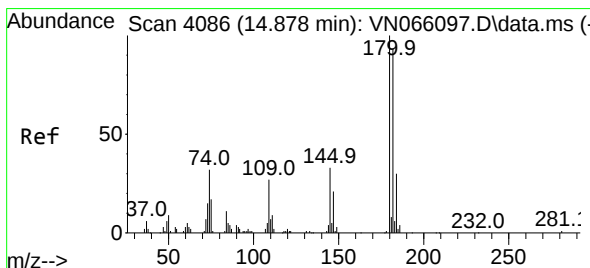
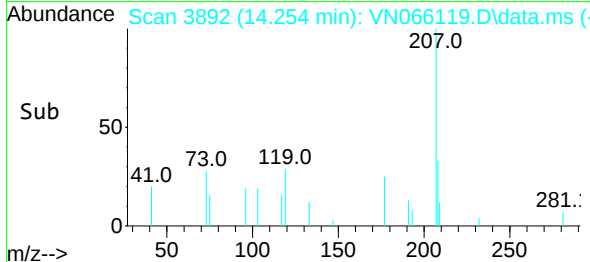
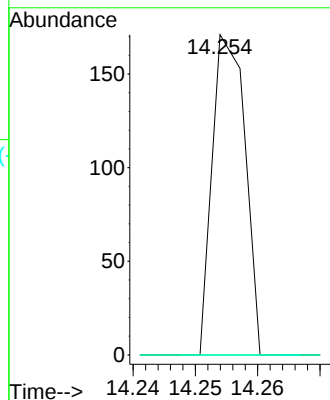
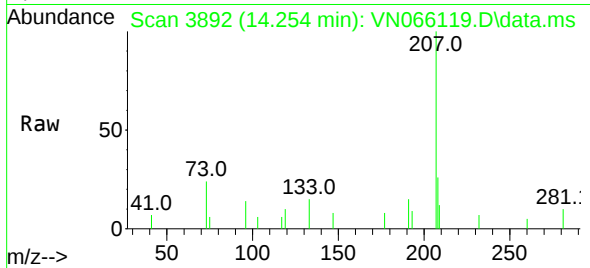




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.254 min Scan# 3892
 Delta R.T. 0.016 min
 Lab File: VN066119.D
 Acq: 3 Mar 2021 12:56

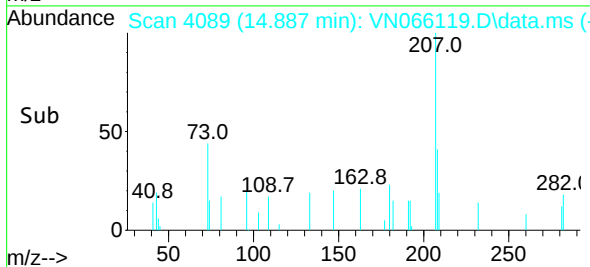
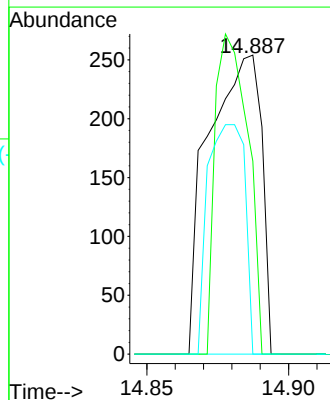
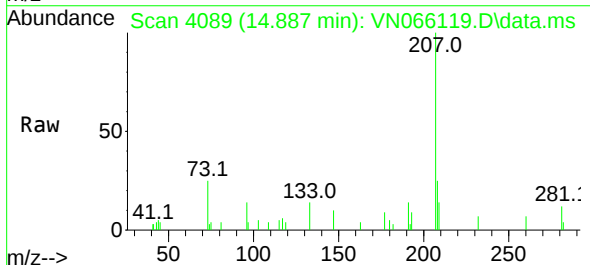
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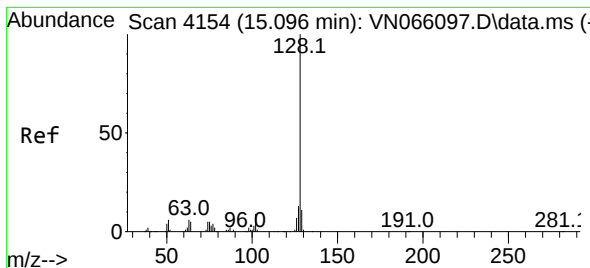
Tgt Ion: 75 Resp: 63
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.1 132.4#
 157 0.0 56.0 168.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.43 ug/l
 RT: 14.887 min Scan# 4089
 Delta R.T. 0.009 min
 Lab File: VN066119.D
 Acq: 3 Mar 2021 12:56

Tgt Ion: 180 Resp: 328
 Ion Ratio Lower Upper
 180 100
 182 66.5 47.3 142.0
 145 53.4 15.6 46.8#

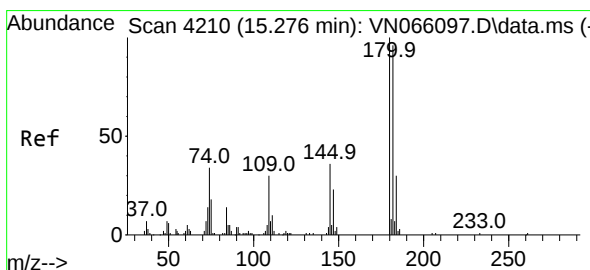
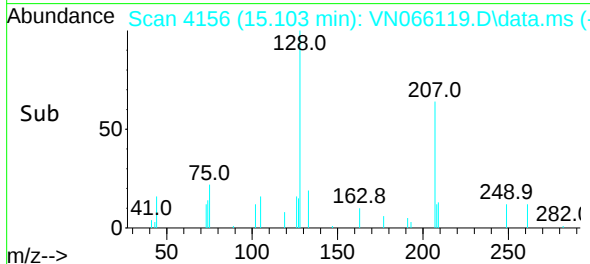
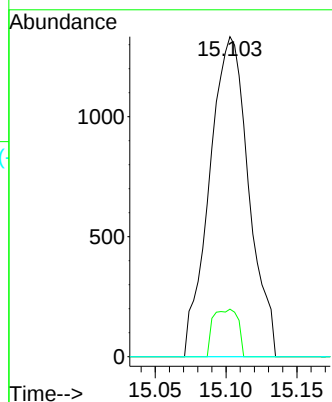
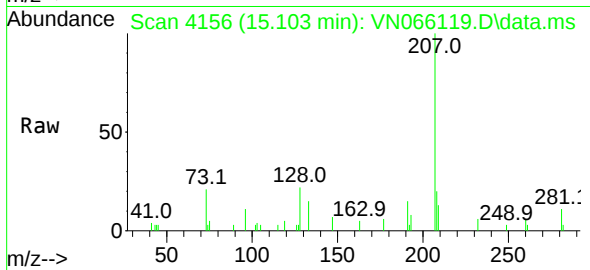




#95
Naphthalene
Concen: 1.03 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Instrument :
MSVOA_N
ClientSampleId :
41007MEDL

Tgt Ion:128 Resp: 2573
Ion Ratio Lower Upper
128 100
127 9.4 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.59 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.007 min
Lab File: VN066119.D
Acq: 3 Mar 2021 12:56

Tgt Ion:180 Resp: 487
Ion Ratio Lower Upper
180 100
182 32.2 47.4 142.3#
145 29.6 16.5 49.5

