

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065105.D
 Acq On : 14 Dec 2020 17:06
 Operator : JC/MD
 Sample : L5040-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Dec 15 05:50:34 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 15 05:41:47 2020
 Response via : Initial Calibration

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

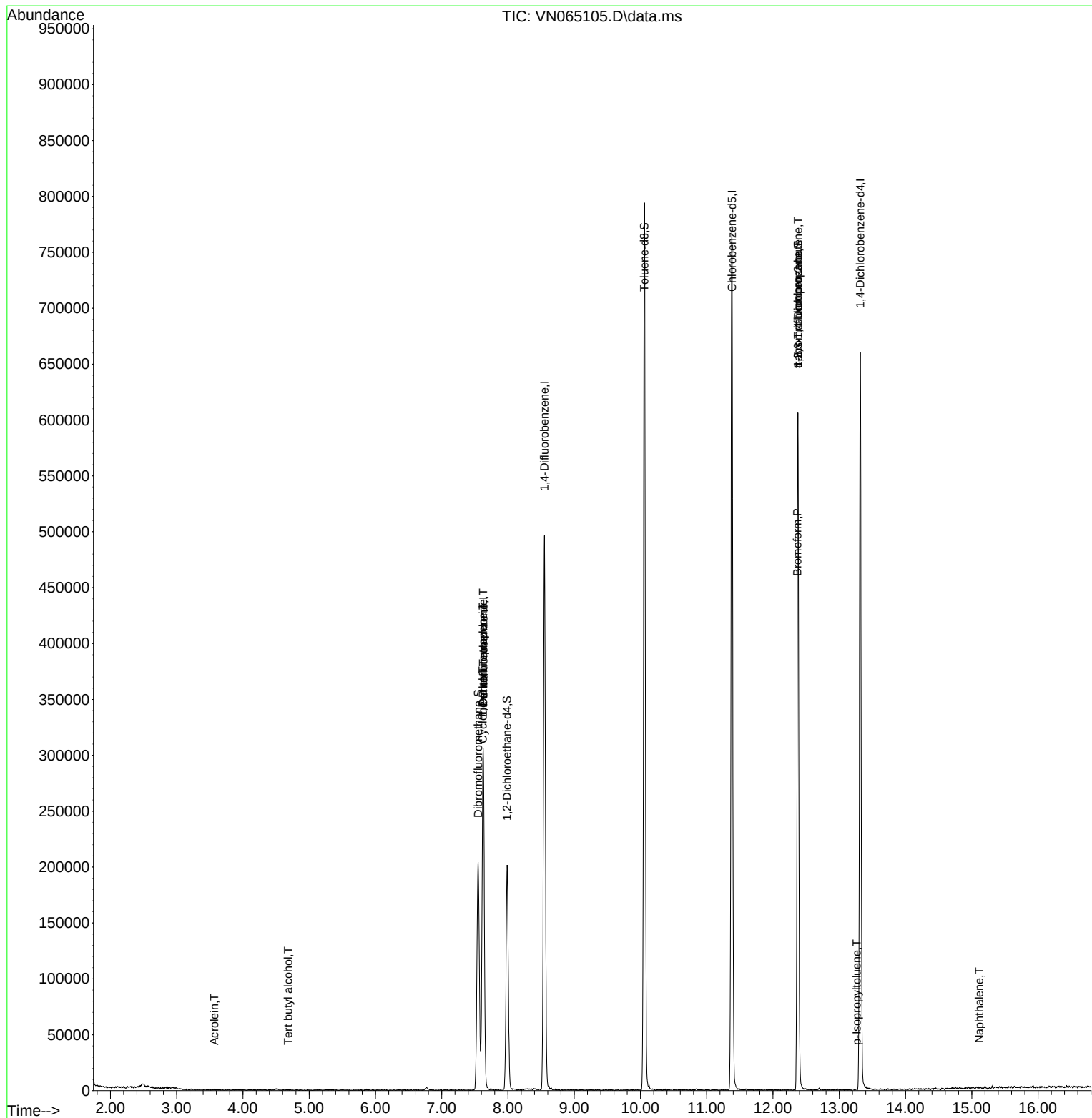
Internal Standards						
1) Pentafluorobenzene	7.627	168	256997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	447448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	461341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	188626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	173300	58.65	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.30%			
35) Dibromofluoromethane	7.550	113	153481	49.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.70%			
50) Toluene-d8	10.058	98	556081	50.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.12%			
62) 4-Bromofluorobenzene	12.376	95	199920	52.78	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.56%			
Target Compounds						Qvalue
3) Chloromethane	2.042	50	69	Below Cal	#	41
5) Bromomethane	2.537	94	103	Below Cal		88
11) Tert butyl alcohol	4.682	59	74	0.24 ug/l	#	73
13) Acrolein	3.566	56	34	0.24 ug/l	#	14
20) Methylene Chloride	4.515	84	544	Below Cal	#	81
31) Cyclohexane	7.618	56	4624	1.15 ug/l	#	2
36) 1,1-Dichloropropene	7.621	75	18850	4.41 ug/l	#	44
38) Carbon Tetrachloride	7.624	117	24147	4.90 ug/l	#	17
71) Bromoform	12.367	173	670	0.23 ug/l	#	29
76) 1,2,3-Trichloropropane	12.376	75	101137	29.88 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.376	75	101137	83.14 ug/l	#	15
86) p-Isopropyltoluene	13.264	119	121	1.08 ug/l	#	51
95) Naphthalene	15.113	128	101	4.23 ug/l	#	69

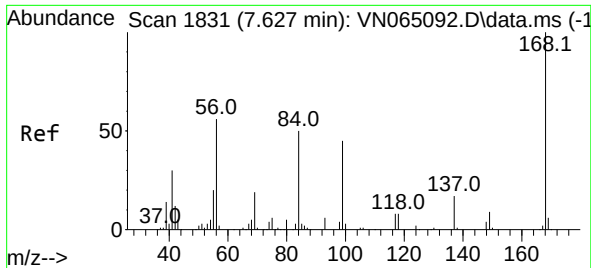
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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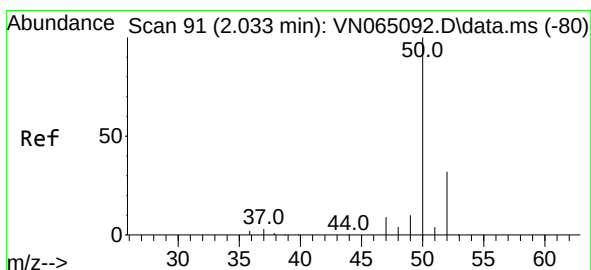
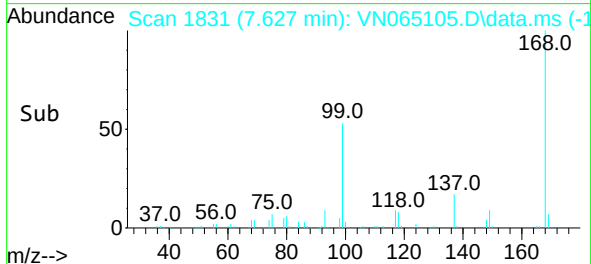
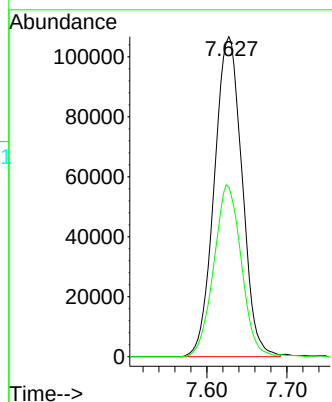
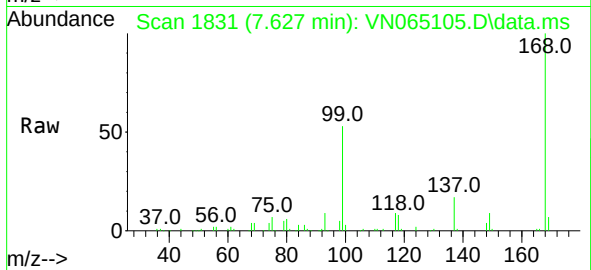




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

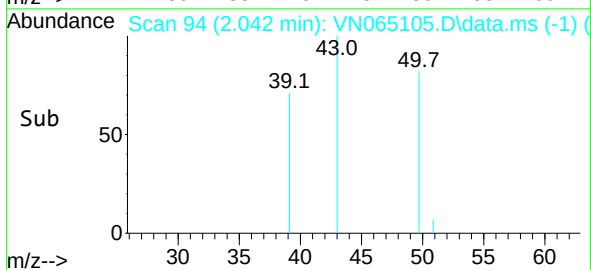
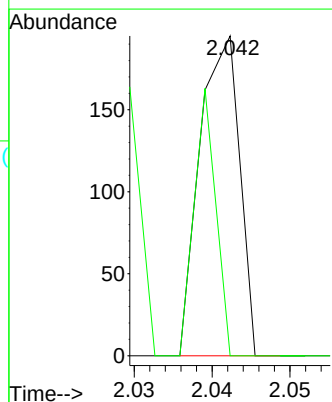
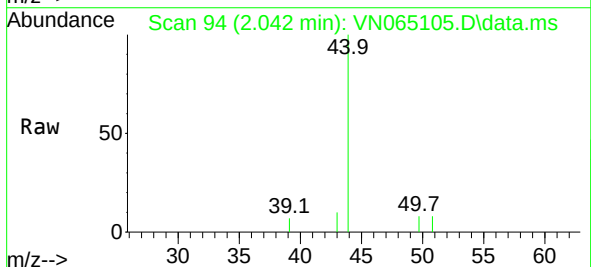
Instrument :
MSVOA_N
ClientSampled :
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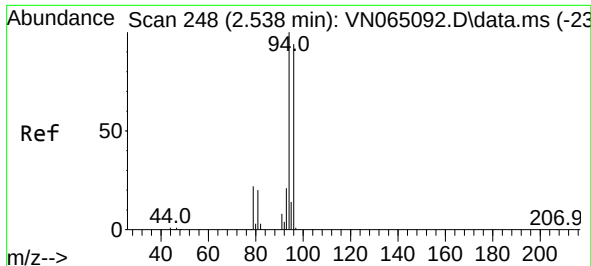
Tgt Ion:168 Resp: 256997
Ion Ratio Lower Upper
168 100
99 53.0 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.042 min Scan# 94
Delta R.T. 0.009 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

Tgt Ion: 50 Resp: 69
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

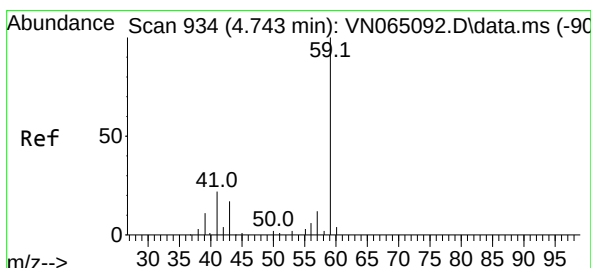
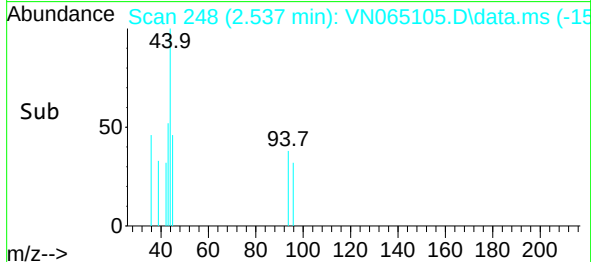
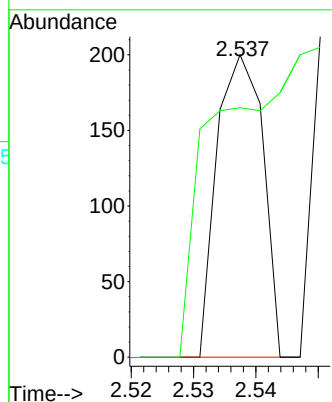
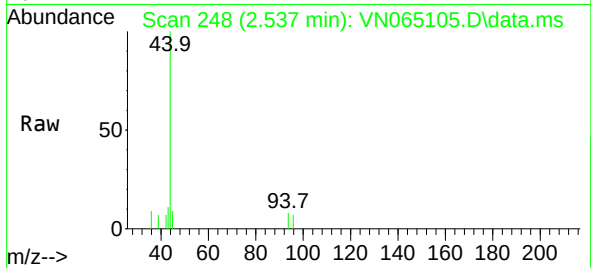




#5
Bromomethane
Concen: Below Cal
RT: 2.537 min Scan# 248
Delta R.T. -0.001 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

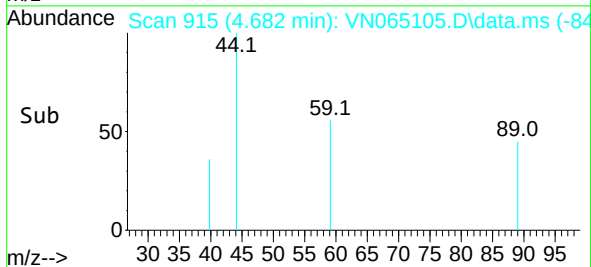
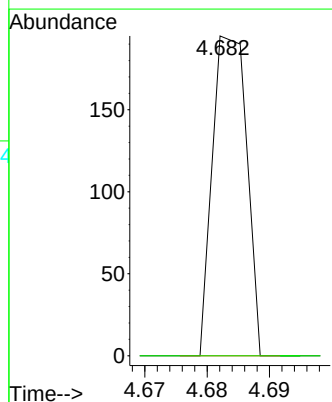
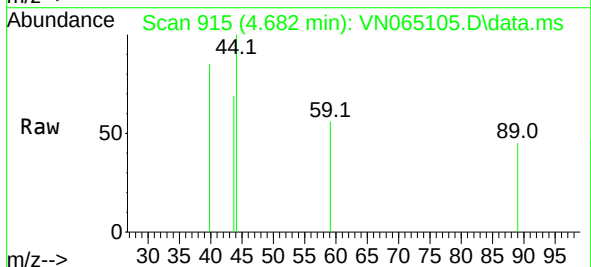
Instrument :
MSVOA_N
ClientSampled :
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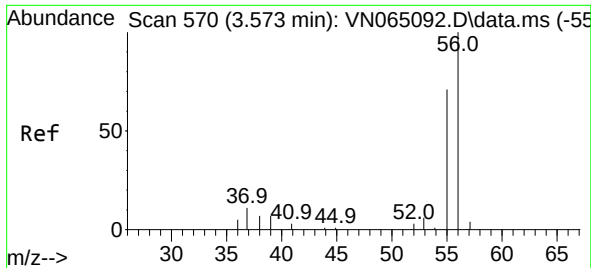
Tgt Ion: 94 Resp: 103
Ion Ratio Lower Upper
94 100
96 82.5 75.4 113.0



#11
Tert butyl alcohol
Concen: 0.24 ug/l
RT: 4.682 min Scan# 915
Delta R.T. -0.061 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

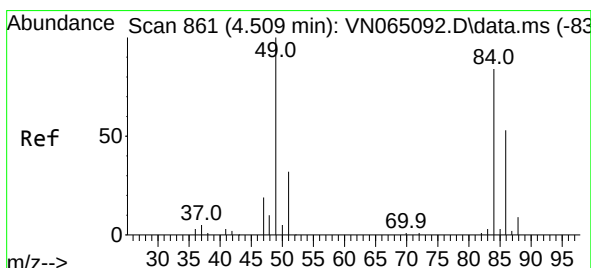
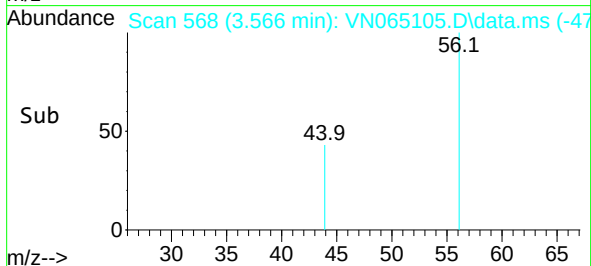
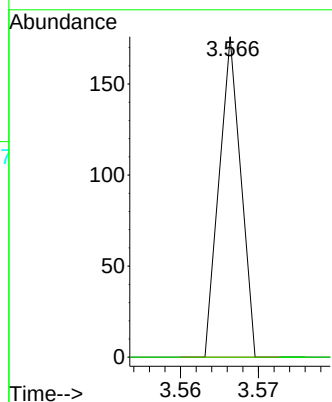
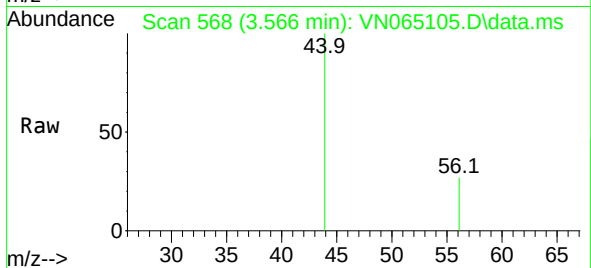




#13
Acrolein
Concen: 0.24 ug/l
RT: 3.566 min Scan# 568
Delta R.T. -0.007 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

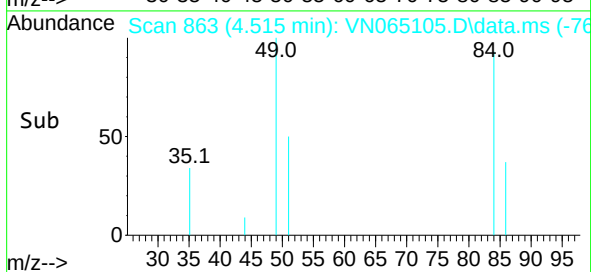
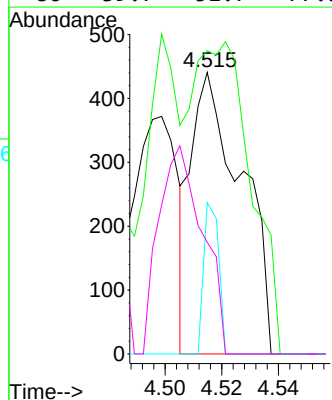
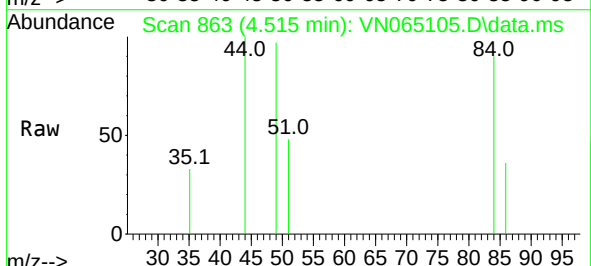
Instrument :
MSVOA_N
ClientSampleId :
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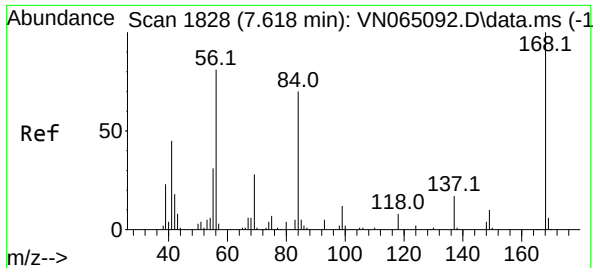
Tgt Ion: 56 Resp: 34
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.515 min Scan# 863
Delta R.T. 0.006 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

Tgt Ion: 84 Resp: 544
Ion Ratio Lower Upper
84 100
49 107.7 93.4 140.0
51 53.7 28.2 42.4#
86 39.7 51.7 77.5#

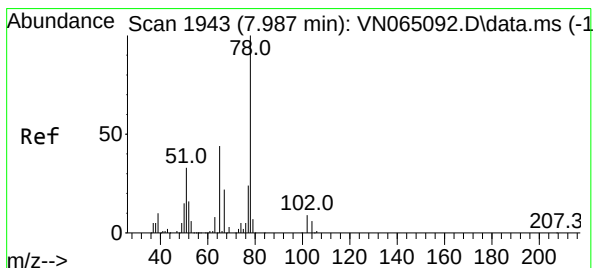
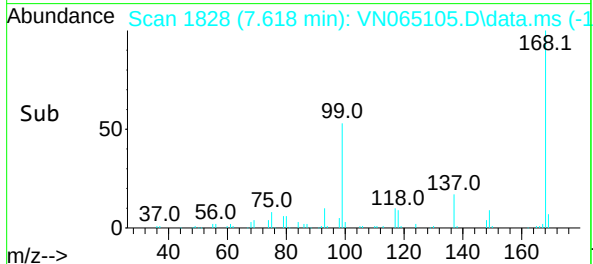
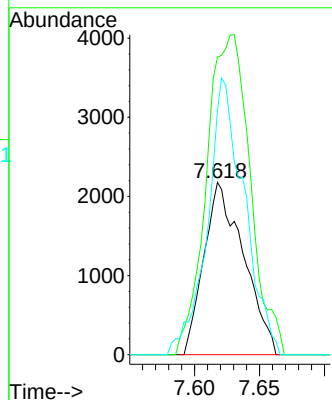
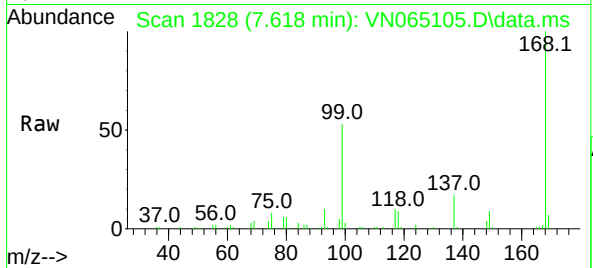




#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.000 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

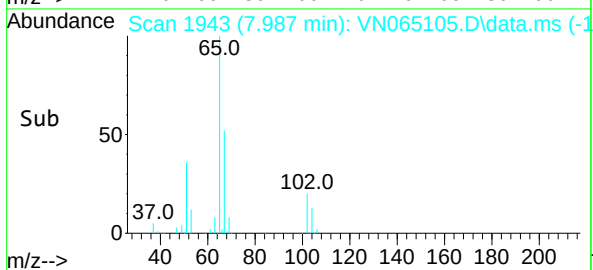
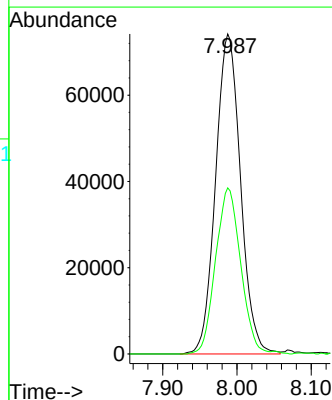
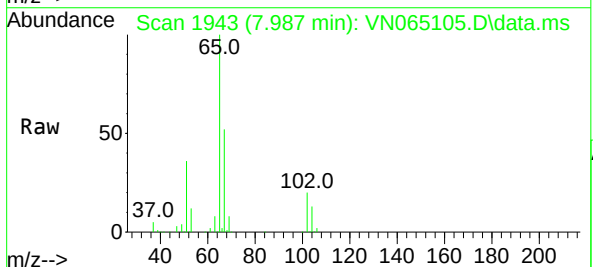
Instrument :
MSVOA_N
ClientSampleId :
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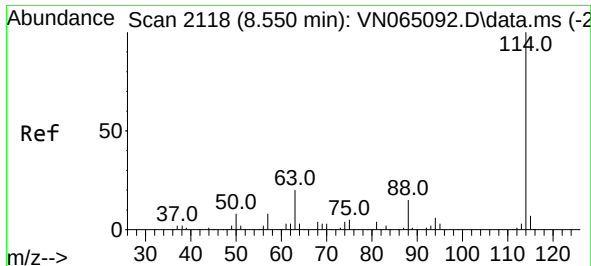
Tgt Ion: 56 Resp: 4624
Ion Ratio Lower Upper
56 100
69 162.7 27.5 41.3#
84 142.1 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 58.65 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

Tgt Ion: 65 Resp: 173300
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.2

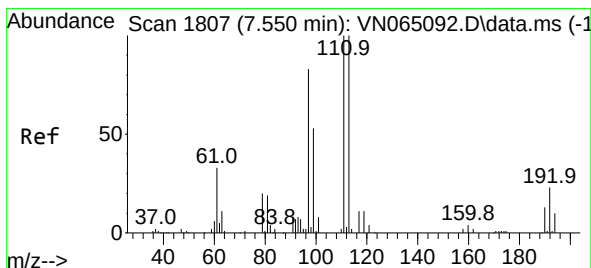
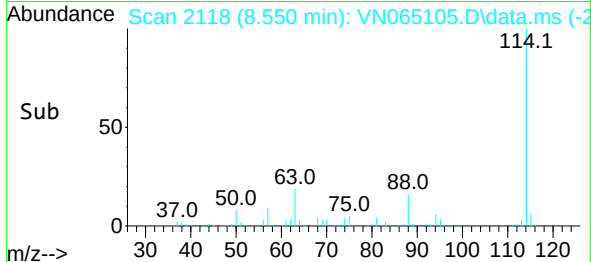
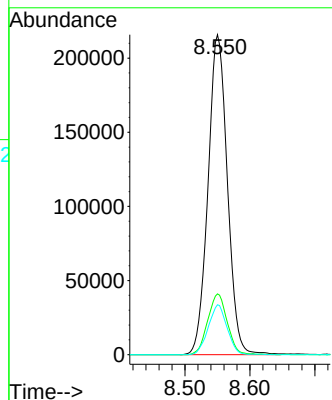
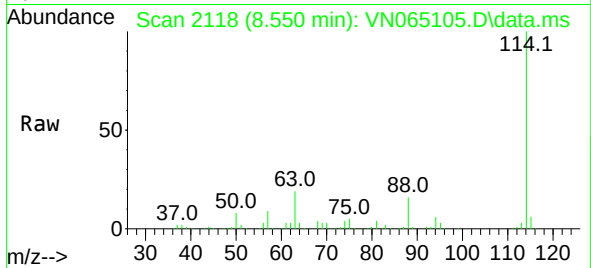




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

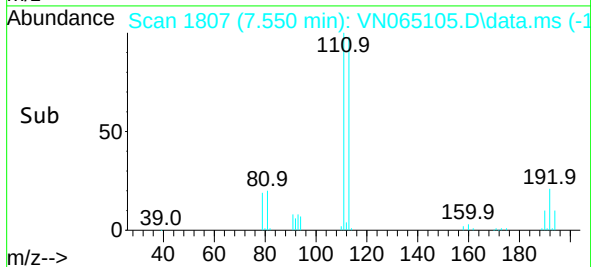
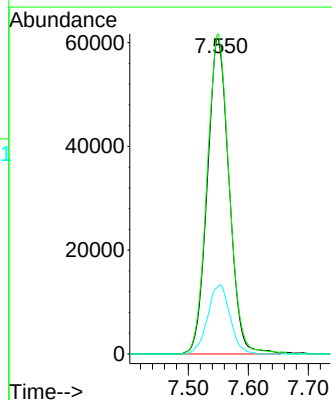
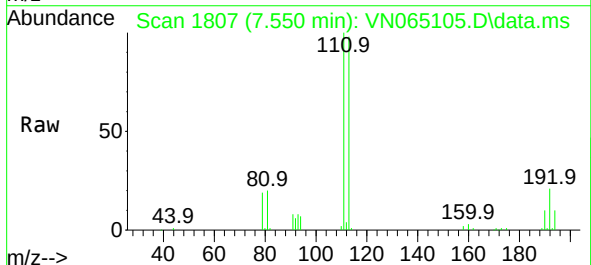
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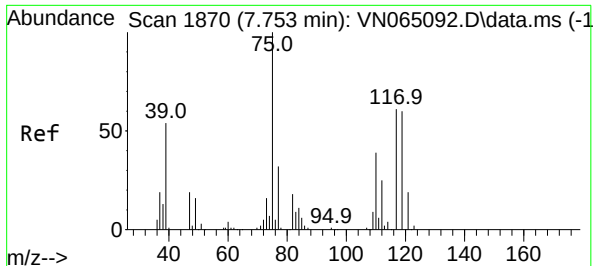
Tgt Ion:114 Resp: 447448
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.35 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

Tgt Ion:113 Resp: 153481
Ion Ratio Lower Upper
113 100
111 103.1 81.6 122.4
192 22.5 16.2 24.2

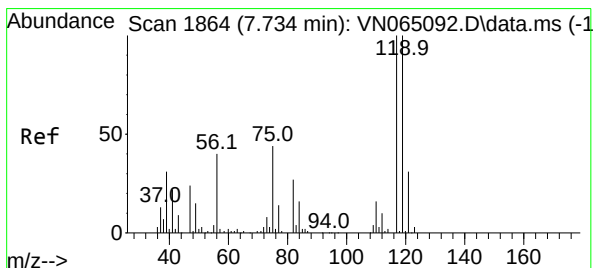
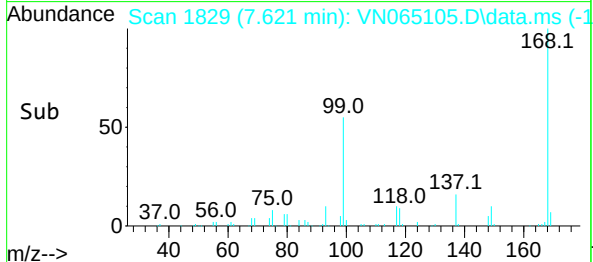
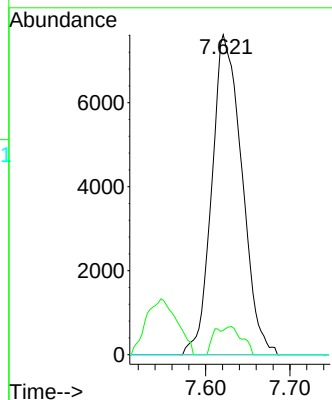
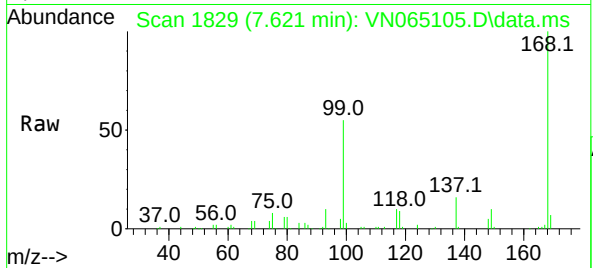




#36
1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.132 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

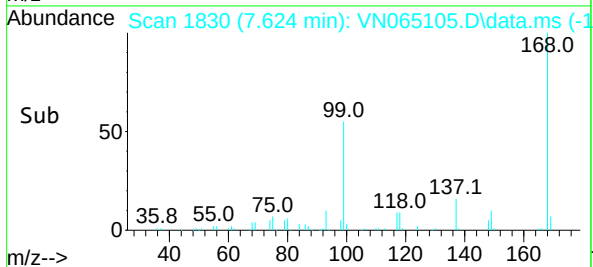
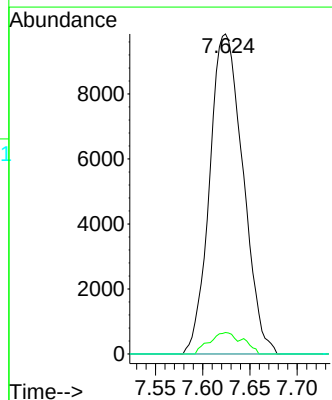
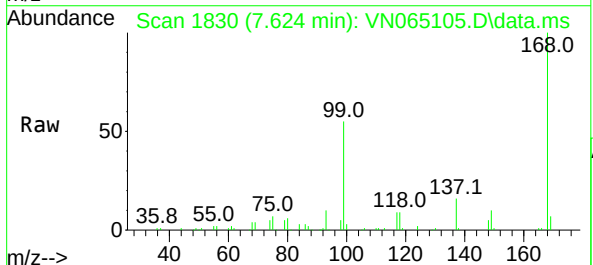
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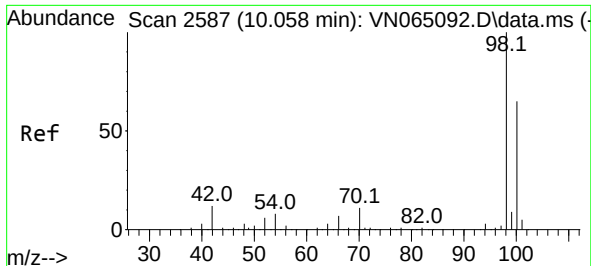
Tgt Ion: 75 Resp: 18850
Ion Ratio Lower Upper
75 100
110 2.5 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.90 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

Tgt Ion: 117 Resp: 24147
Ion Ratio Lower Upper
117 100
119 6.7 76.7 115.1#
121 0.0 25.4 38.2#

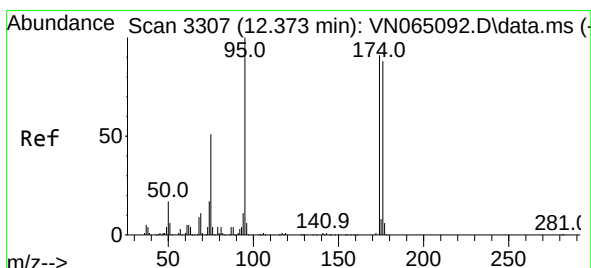
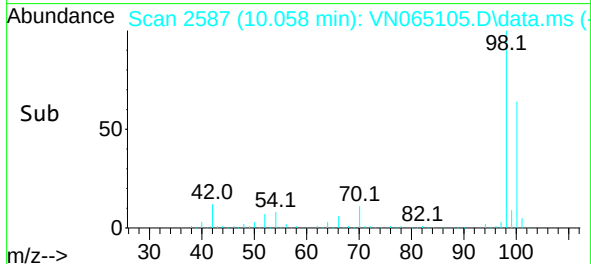
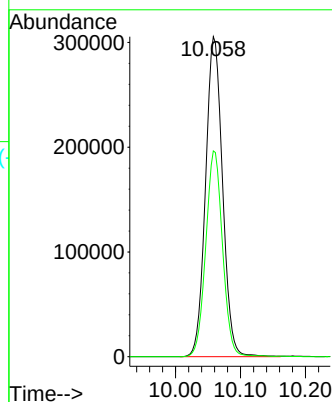
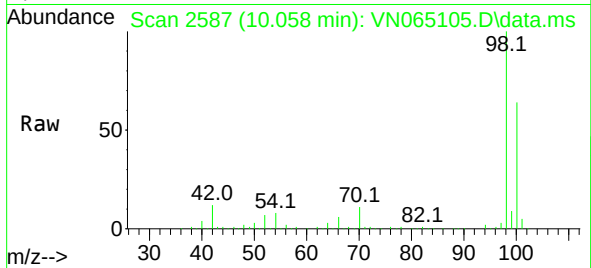




#50
Toluene-d8
Concen: 50.56 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

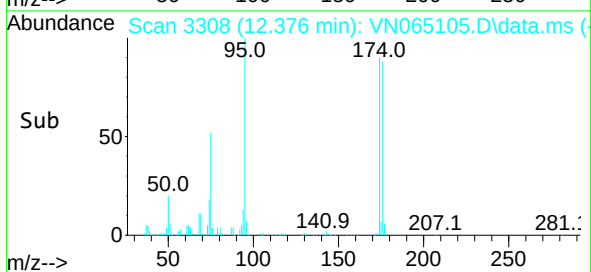
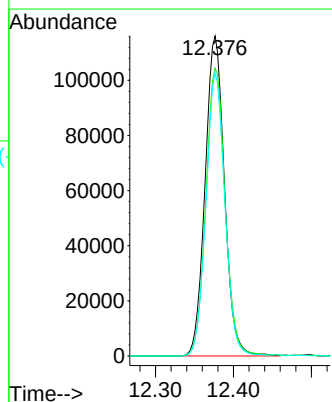
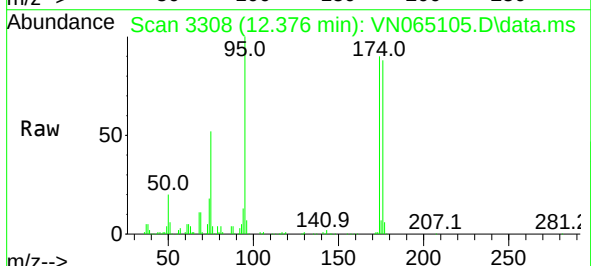
Instrument :
MSVOA_N
ClientSampleId :
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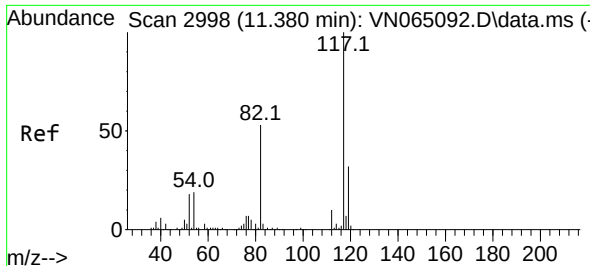
Tgt Ion: 98 Resp: 556081
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.78 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

Tgt Ion: 95 Resp: 199920
Ion Ratio Lower Upper
95 100
174 90.4 0.0 160.4
176 86.3 0.0 158.4

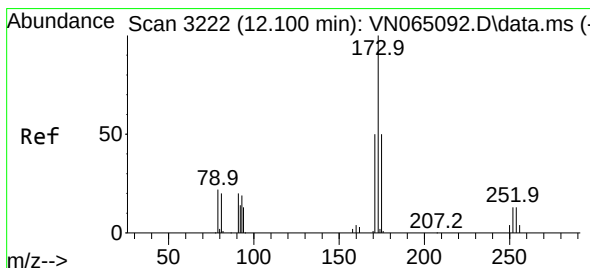
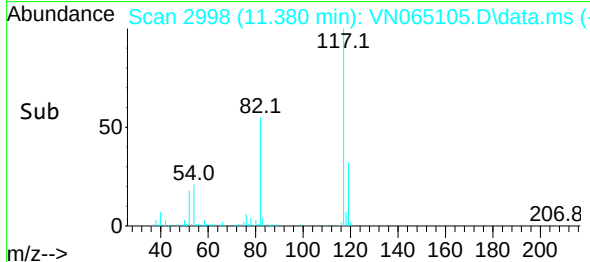
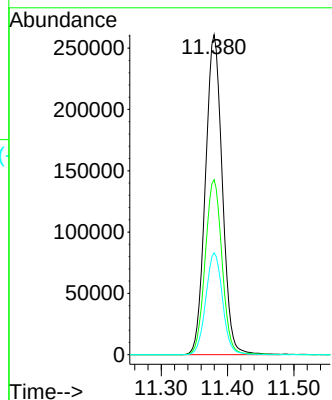
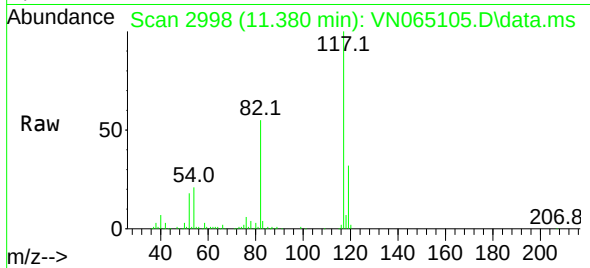




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

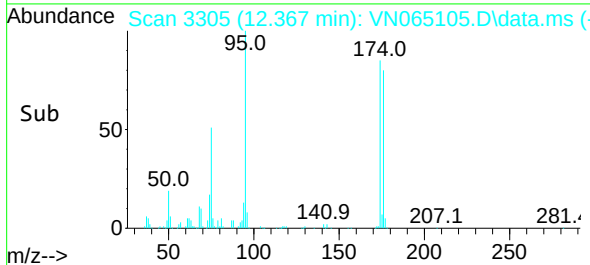
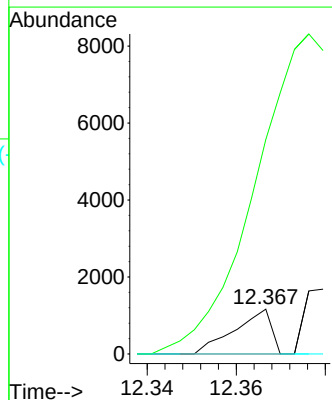
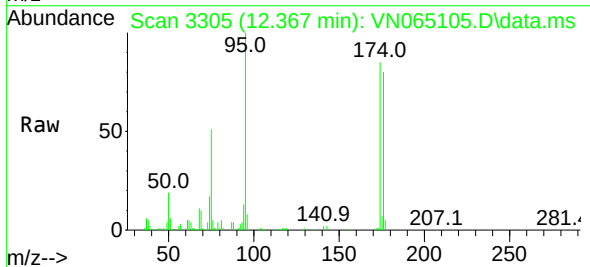
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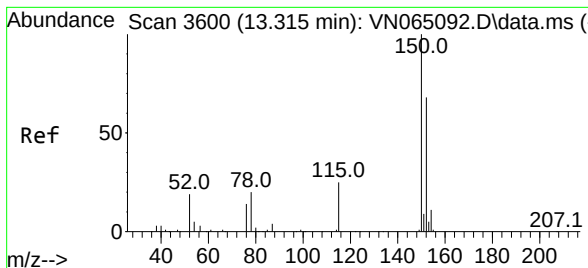
Tgt Ion:117 Resp: 461341
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.9 25.8 38.6



#71
Bromoform
Concen: 0.23 ug/l
RT: 12.367 min Scan# 3305
Delta R.T. 0.267 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

Tgt Ion:173 Resp: 670
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.8#
254 0.0 0.0 0.0

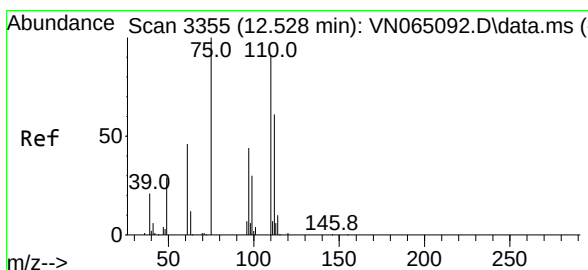
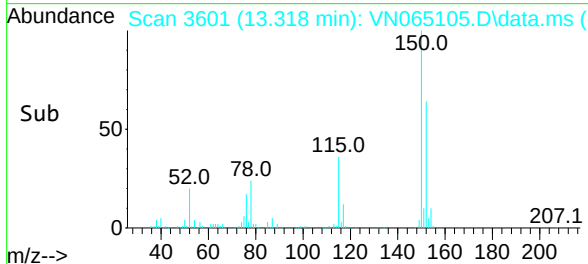
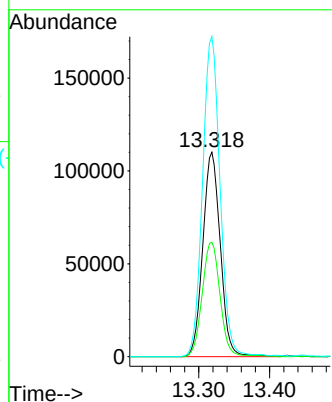
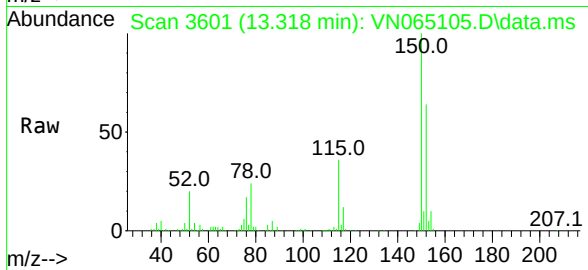




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

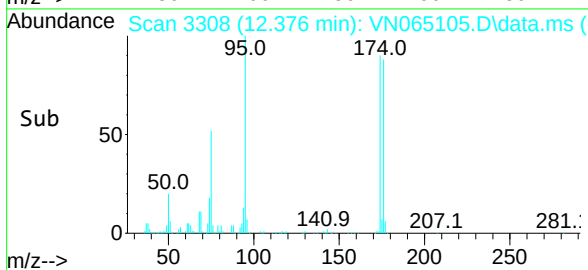
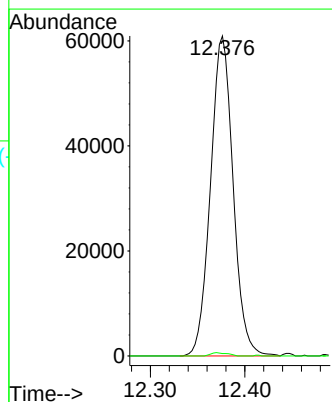
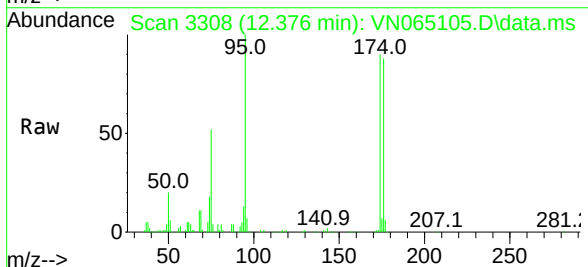
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ClientSampleId :
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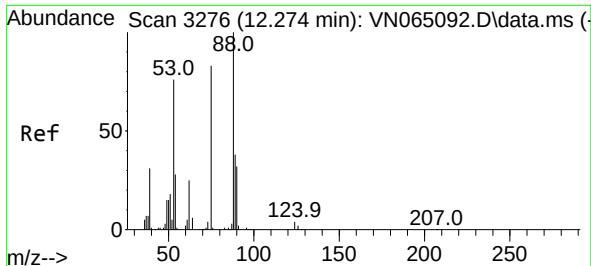
Tgt Ion:152 Resp: 188626
Ion Ratio Lower Upper
152 100
115 57.3 29.7 89.1
150 156.0 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 29.88 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.152 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

Tgt Ion: 75 Resp: 101137
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#

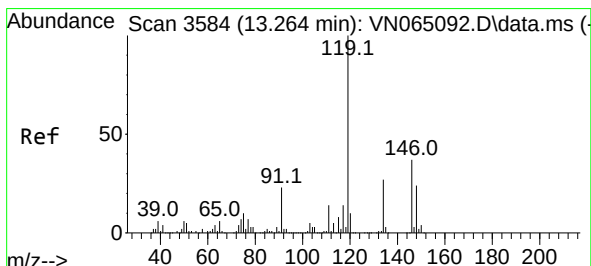
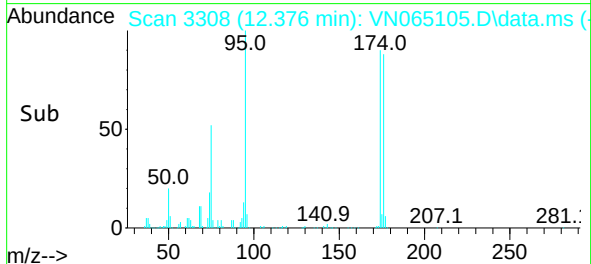
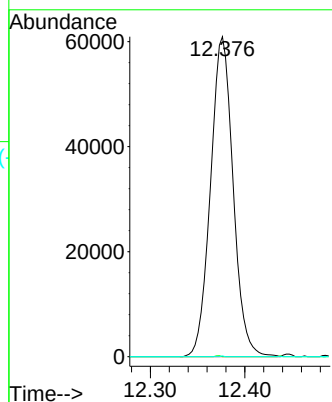
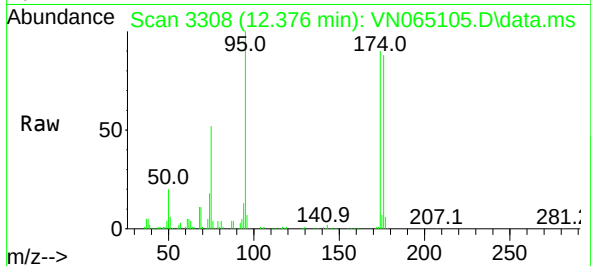




#81
trans-1,4-Dichloro-2-butene
Concen: 83.14 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.102 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

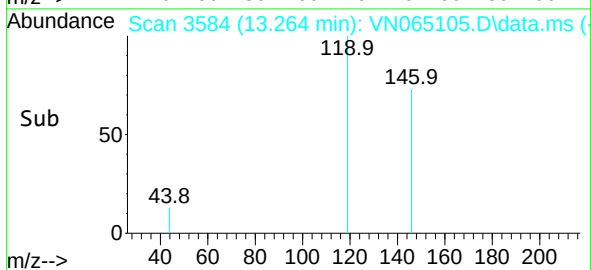
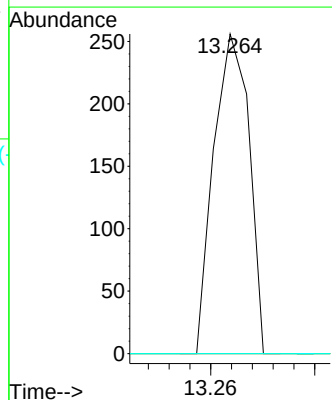
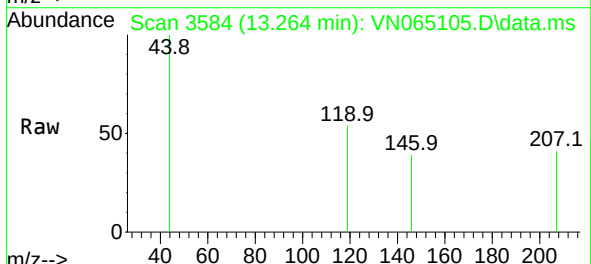
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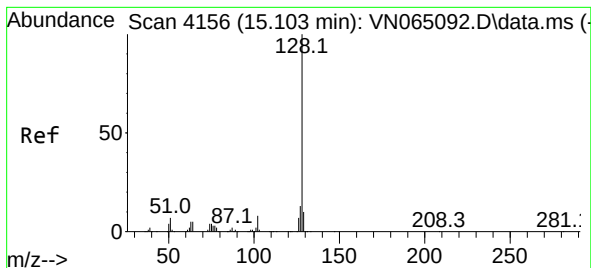
Tgt Ion: 75 Resp: 101137
Ion Ratio Lower Upper
75 100
53 0.1 67.0 100.4#
89 0.0 39.6 59.4#



#86
p-Isopropyltoluene
Concen: 1.08 ug/l
RT: 13.264 min Scan# 3584
Delta R.T. -0.000 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

Tgt Ion: 119 Resp: 121
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.1#
91 0.0 11.5 34.5#





#95
Naphthalene
Concen: 4.23 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.010 min
Lab File: VN065105.D
Acq: 14 Dec 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 101
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

