

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065123.D
 Acq On : 15 Dec 2020 00:59
 Operator : JC/MD
 Sample : L5085-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 06:43:37 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)

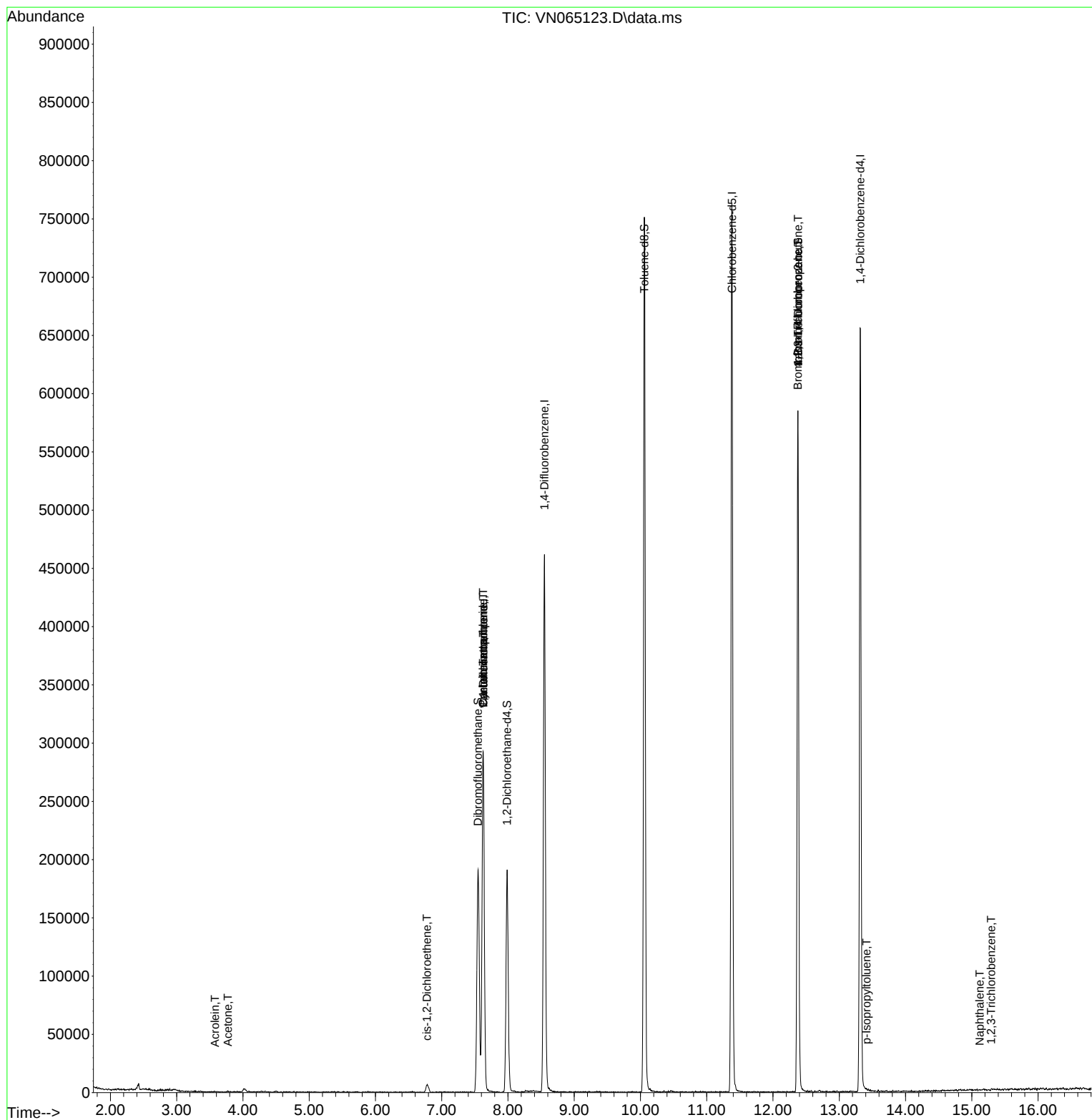
Internal Standards						
1) Pentafluorobenzene	7.627	168	250744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	415193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	450810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	188247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	159859	55.45	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.90%			
35) Dibromofluoromethane	7.547	113	144950	50.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.44%			
50) Toluene-d8	10.058	98	526607	51.60	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.20%			
62) 4-Bromofluorobenzene	12.376	95	194885	55.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.90%			
Target Compounds					Qvalue	
3) Chloromethane	2.039	50	392	Below Cal	#	41
5) Bromomethane	2.534	94	179	Below Cal	#	77
13) Acrolein	3.576	56	33	0.24	ug/l #	14
16) Acetone	3.772	43	569	0.53	ug/l #	43
20) Methylene Chloride	4.512	84	238	Below Cal	#	47
27) cis-1,2-Dichloroethene	6.778	96	4057	1.48	ug/l	84
31) Cyclohexane	7.624	56	4251	1.09	ug/l #	12
36) 1,1-Dichloropropene	7.624	75	16912	4.27	ug/l #	48
38) Carbon Tetrachloride	7.624	117	23798	5.20	ug/l #	15
71) Bromoform	12.373	173	1688	0.58	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	100001	29.61	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	100001	82.38	ug/l #	15
86) p-Isopropyltoluene	13.412	119	34	1.07	ug/l #	51
95) Naphthalene	15.119	128	76	4.22	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.292	180	31	4.02	ug/l #	12

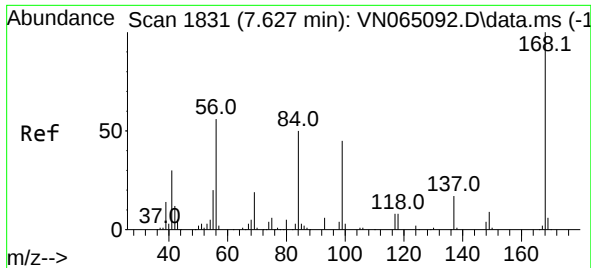
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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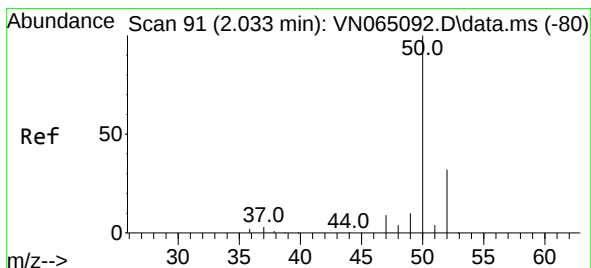
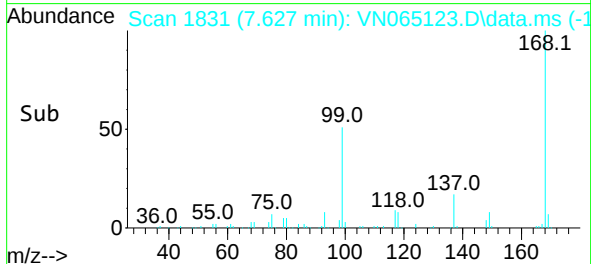
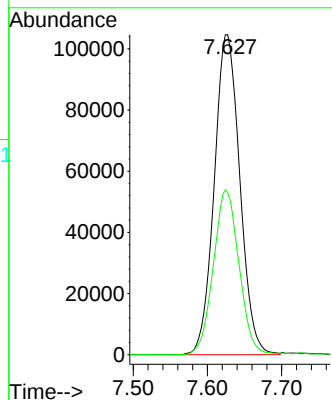
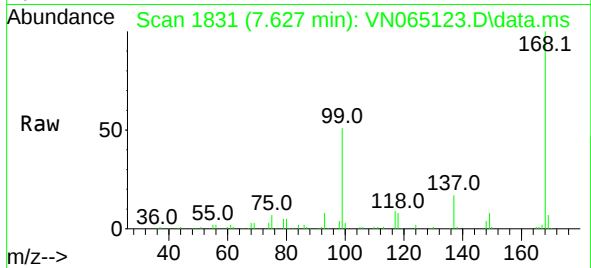




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

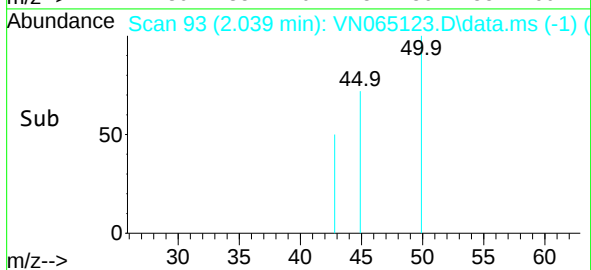
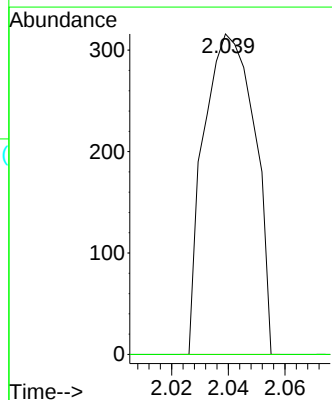
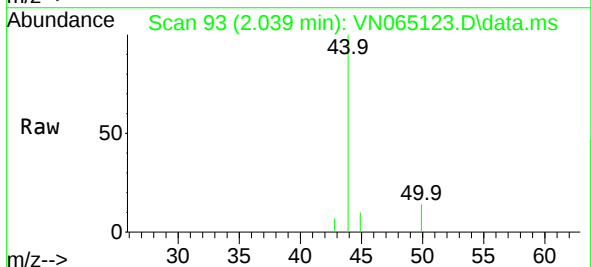
Instrument :
MSVOA_N
ClientSampled :

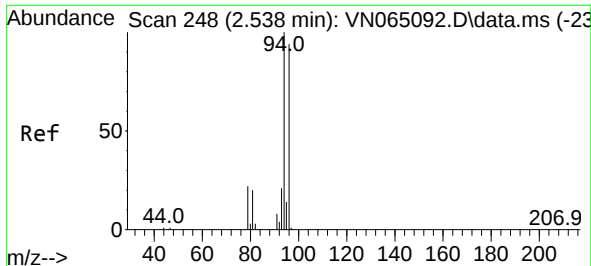
Tgt Ion:168 Resp: 250744
Ion Ratio Lower Upper
168 100
99 50.6 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.039 min Scan# 93
Delta R.T. 0.006 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

Tgt Ion: 50 Resp: 392
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

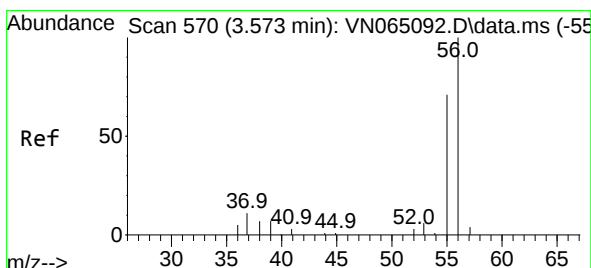
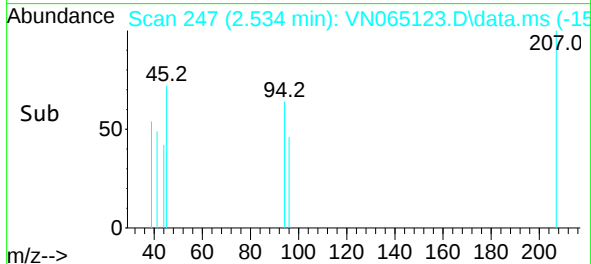
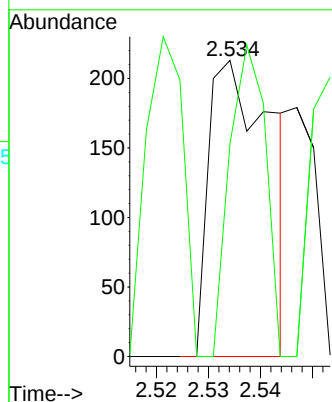
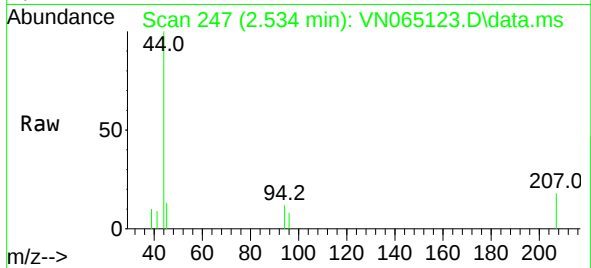




#5
Bromomethane
Concen: Below Cal
RT: 2.534 min Scan# 247
Delta R.T. -0.004 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

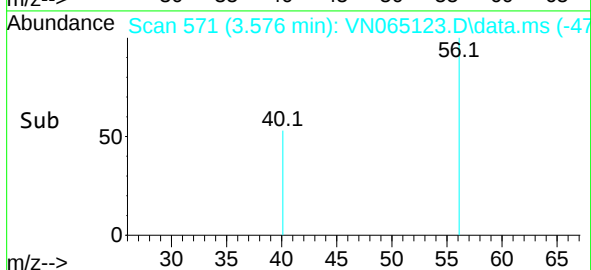
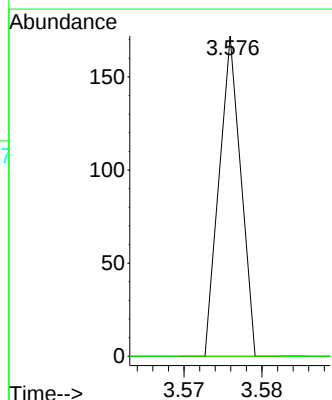
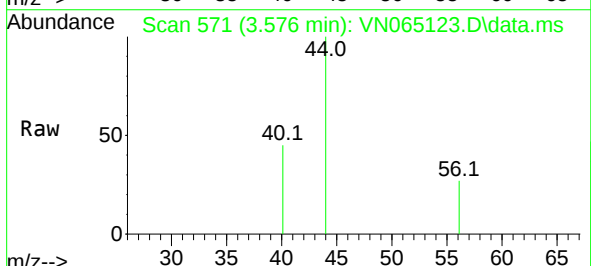
Instrument :
MSVOA_N
ClientSampled :

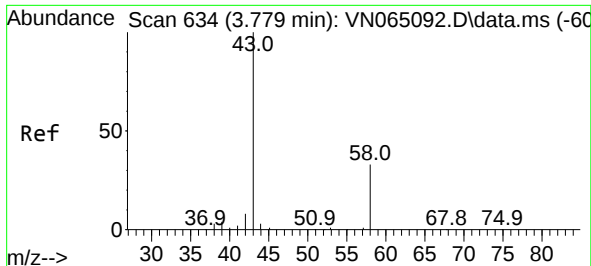
Tgt Ion: 94 Resp: 179
Ion Ratio Lower Upper
94 100
96 71.8 75.4 113.0#



#13
Acrolein
Concen: 0.24 ug/l
RT: 3.576 min Scan# 571
Delta R.T. 0.003 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

Tgt Ion: 56 Resp: 33
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#

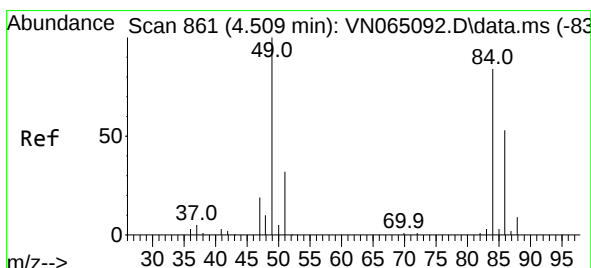
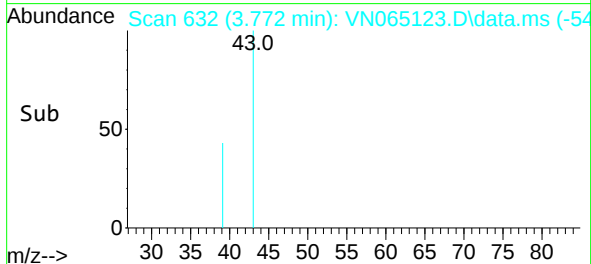
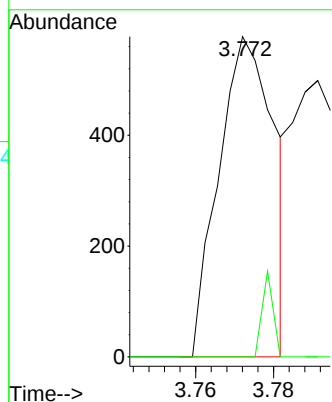
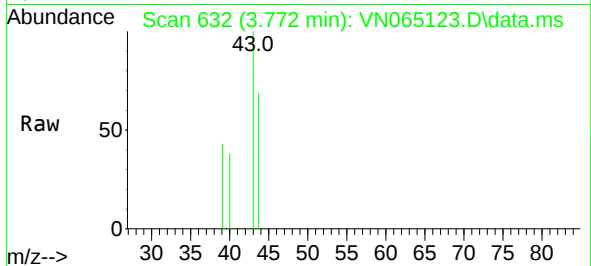




#16
Acetone
Concen: 0.53 ug/l
RT: 3.772 min Scan# 632
Delta R.T. -0.007 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

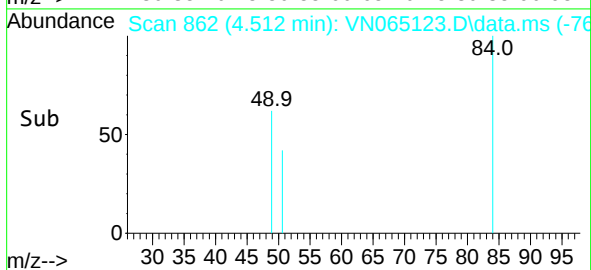
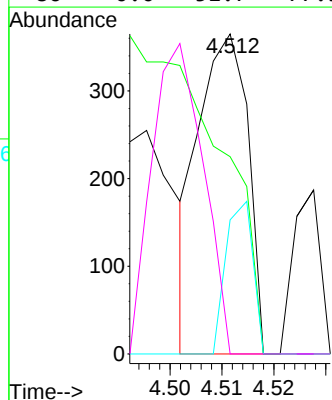
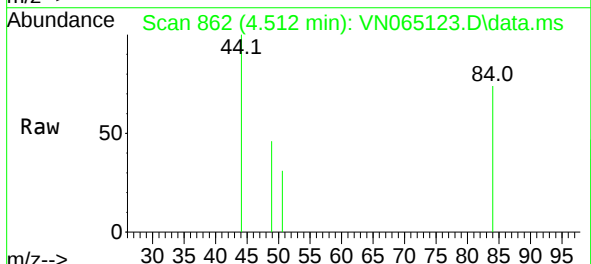
Instrument :
MSVOA_N
ClientSampled :

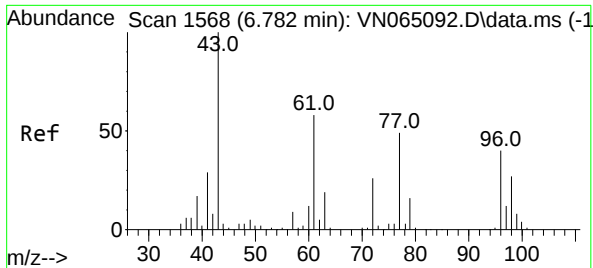
Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.512 min Scan# 862
Delta R.T. 0.003 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

Tgt Ion: 84 Resp: 238
Ion Ratio Lower Upper
84 100
49 61.6 93.4 140.0#
51 41.9 28.2 42.4
86 0.0 51.7 77.5#



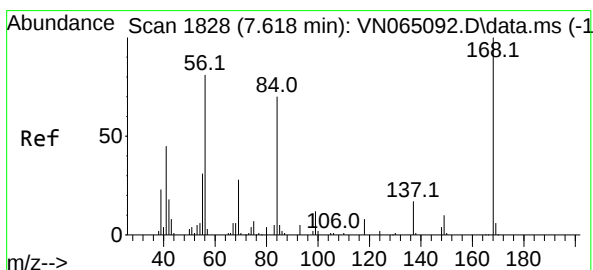
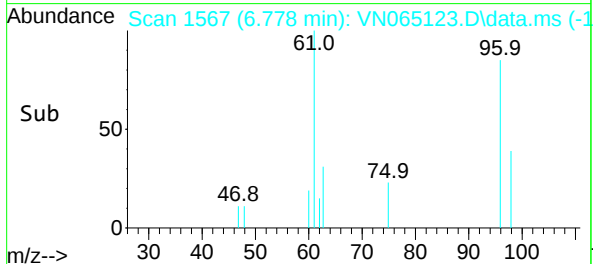
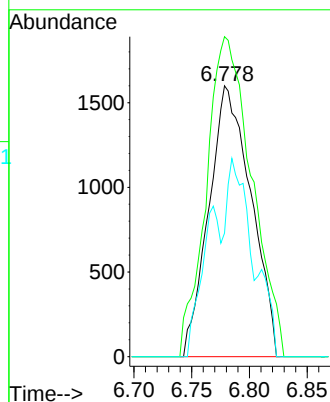
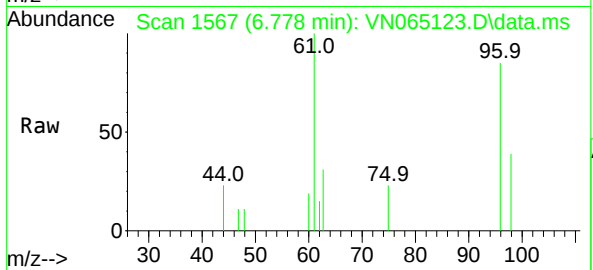


#27

cis-1,2-Dichloroethene
Concen: 1.48 ug/l
RT: 6.778 min Scan# 1567
Delta R.T. -0.004 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

Instrument :
MSVOA_N
ClientSampled :

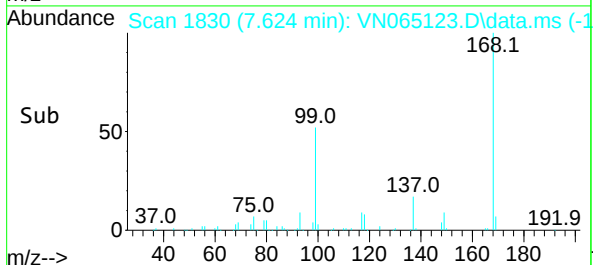
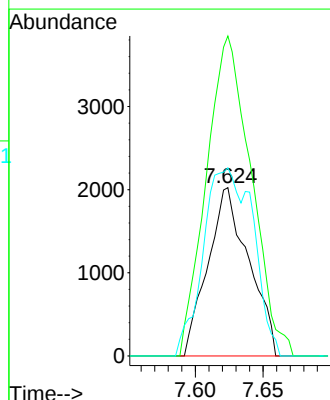
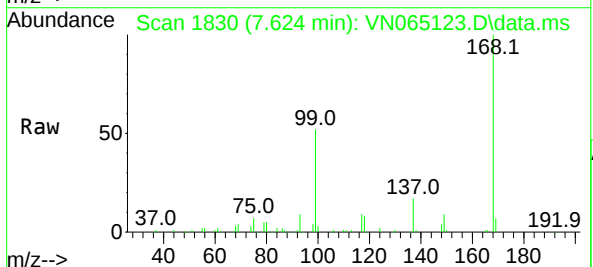
Tgt Ion: 96	Resp: 4057
Ion Ratio	Lower Upper
96 100	
61 127.1	0.0 285.8
98 47.8	0.0 130.6

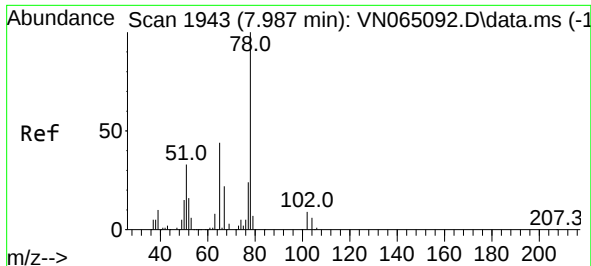


#31

Cyclohexane
Concen: 1.09 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

Tgt Ion: 56	Resp: 4251
Ion Ratio	Lower Upper
56 100	
69 190.1	27.5 41.3#
84 111.8	73.9 110.9#

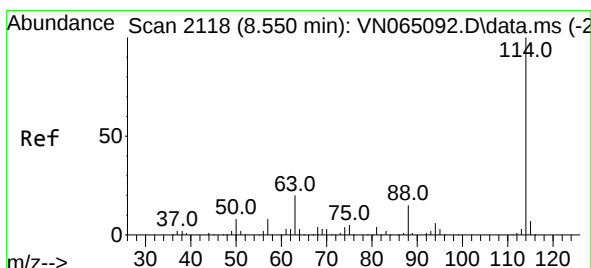
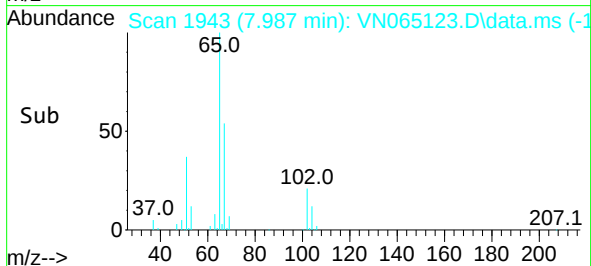
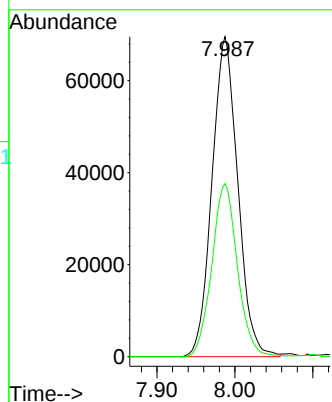
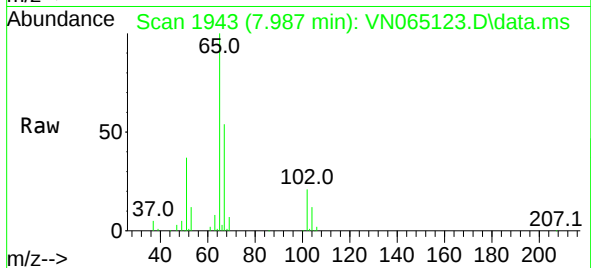




#33
 1,2-Dichloroethane-d4
 Concen: 55.45 ug/l
 RT: 7.987 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN065123.D
 Acq: 15 Dec 2020 00:59

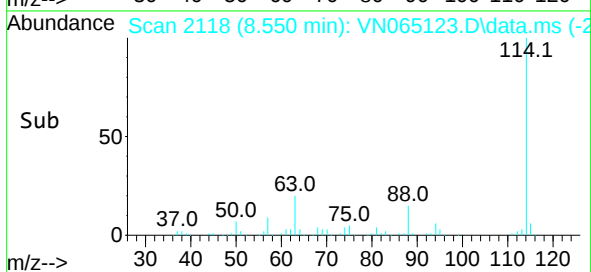
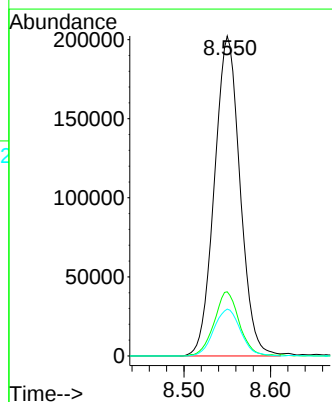
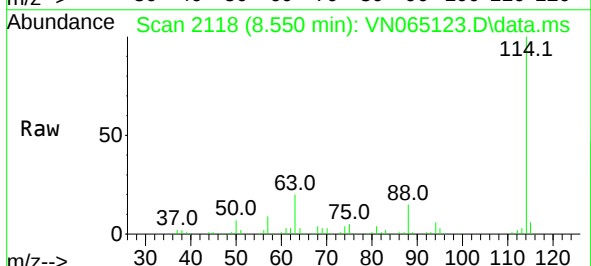
Instrument :
 MSVOA_N
 ClientSampled :

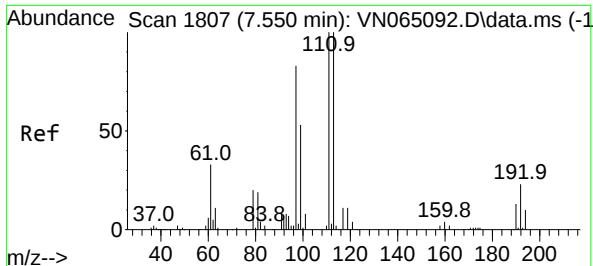
Tgt Ion: 65 Resp: 159859
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. -0.000 min
 Lab File: VN065123.D
 Acq: 15 Dec 2020 00:59

Tgt Ion: 114 Resp: 415193
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.6
 88 14.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.22 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VN065123.D

Acq: 15 Dec 2020 00:59

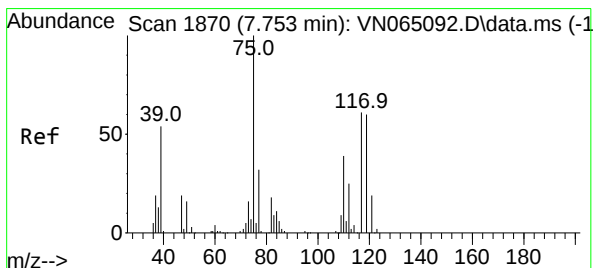
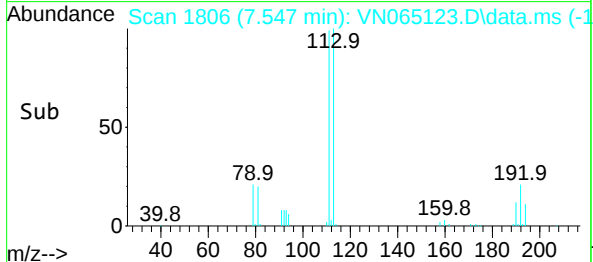
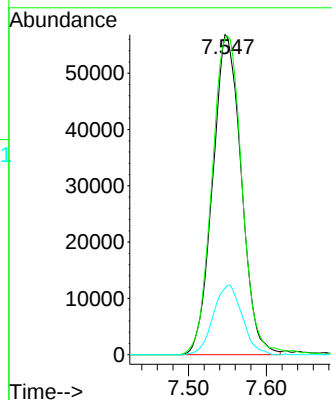
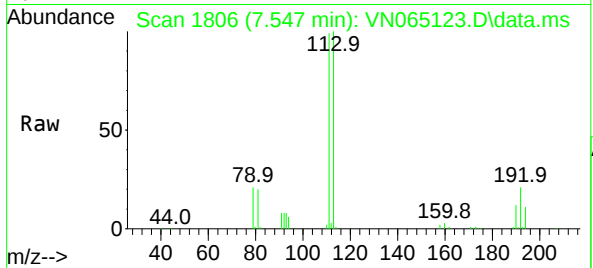
Tgt Ion:113 Resp: 144950

Ion Ratio Lower Upper

113 100

111 104.1 81.6 122.4

192 21.9 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.27 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.129 min

Lab File: VN065123.D

Acq: 15 Dec 2020 00:59

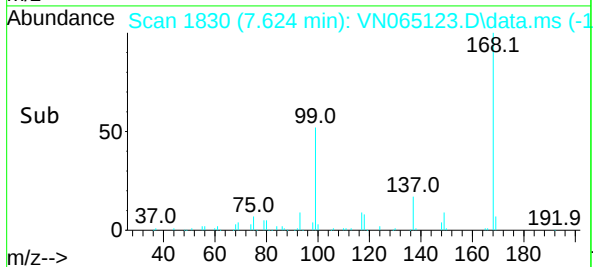
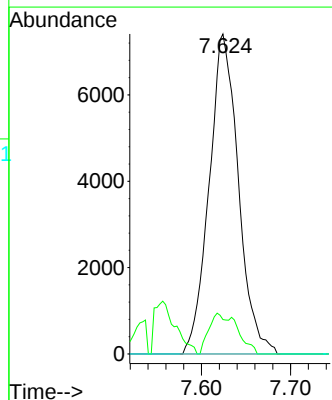
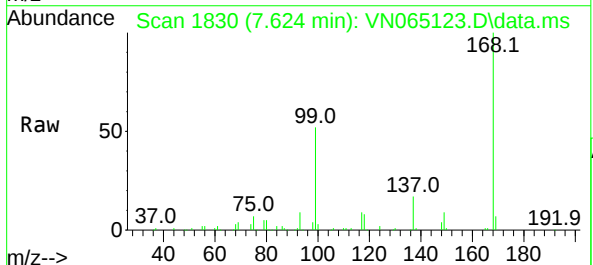
Tgt Ion: 75 Resp: 16912

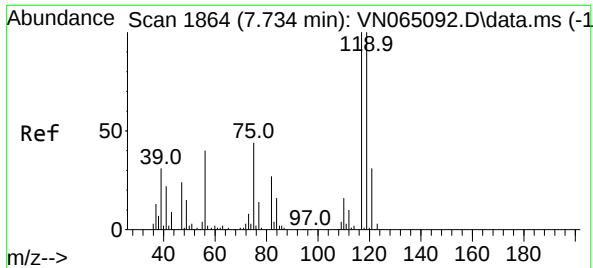
Ion Ratio Lower Upper

75 100

110 8.0 17.8 53.3#

77 0.0 25.0 37.4#

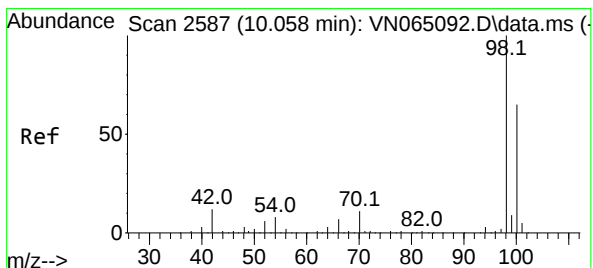
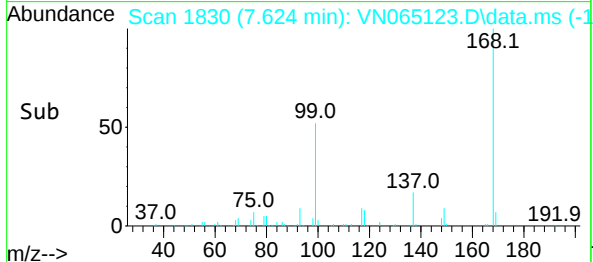
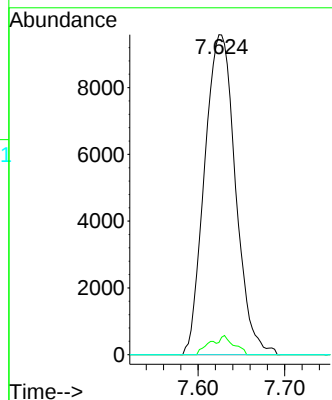
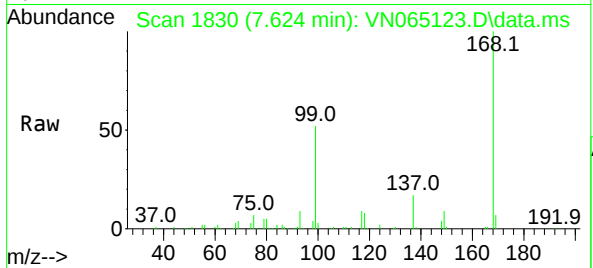




#38
Carbon Tetrachloride
Concen: 5.20 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

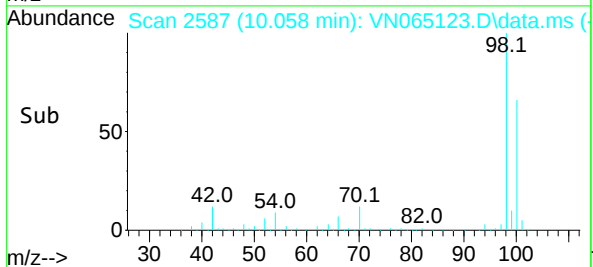
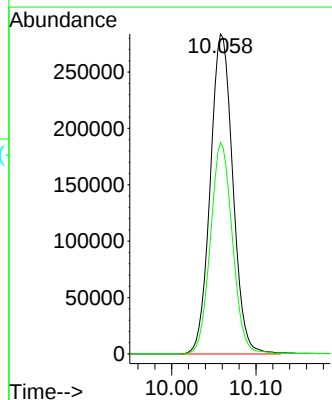
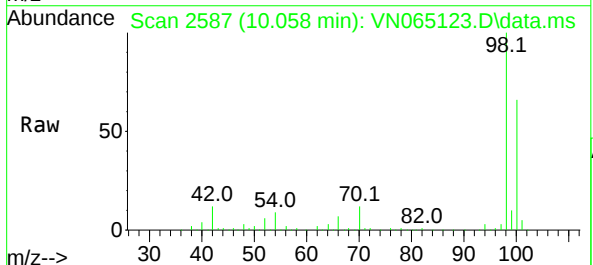
Instrument :
MSVOA_N
ClientSampled :

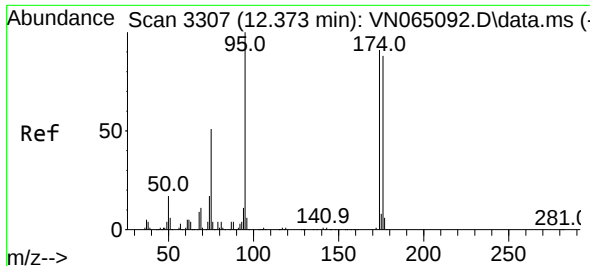
Tgt Ion:117 Resp: 23798
Ion Ratio Lower Upper
117 100
119 3.8 76.7 115.1#
121 0.0 25.4 38.2#



#50
Toluene-d8
Concen: 51.60 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

Tgt Ion: 98 Resp: 526607
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5

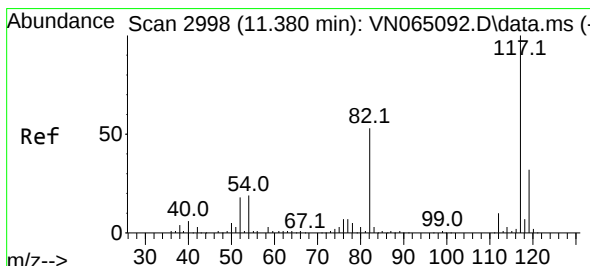
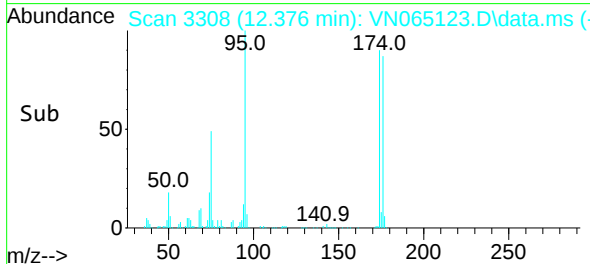
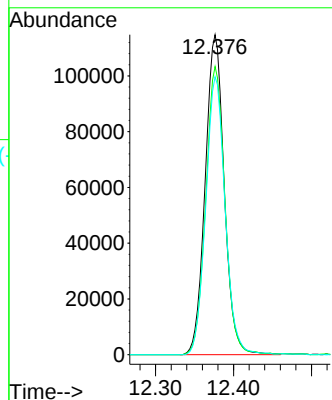
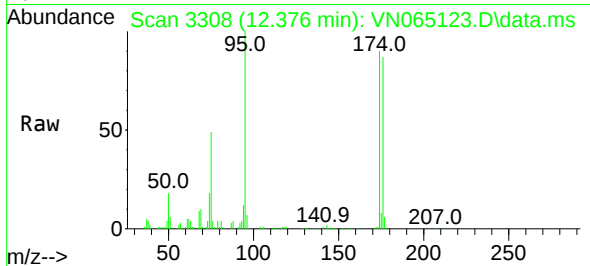




#62
4-Bromofluorobenzene
Concen: 55.45 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

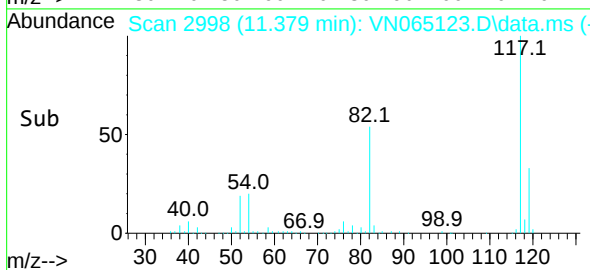
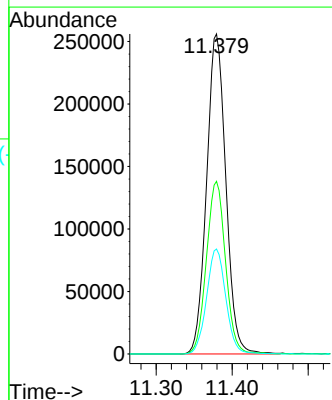
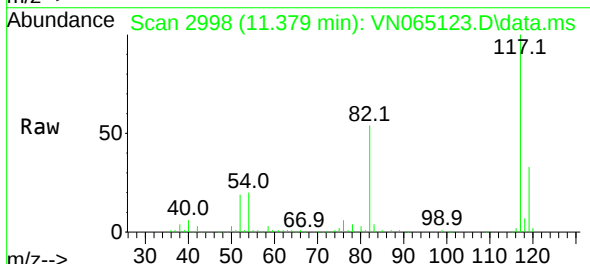
Instrument :
MSVOA_N
ClientSampleId :

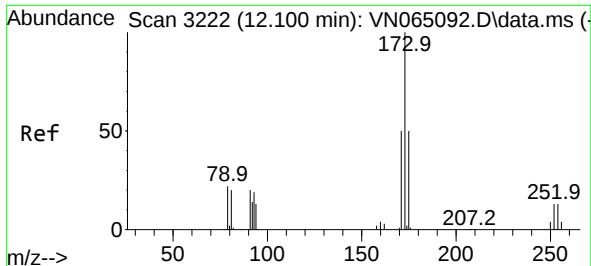
Tgt Ion: 95 Resp: 194885
Ion Ratio Lower Upper
95 100
174 90.5 0.0 160.4
176 88.1 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

Tgt Ion: 117 Resp: 450810
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 32.8 25.8 38.6

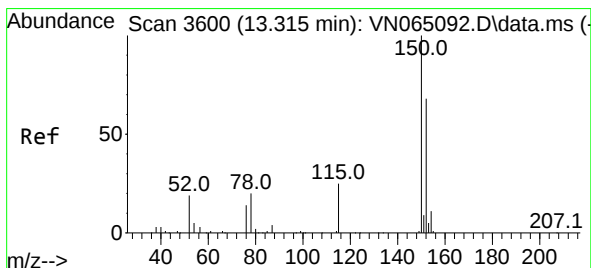
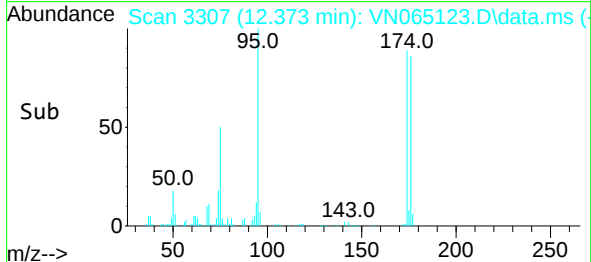
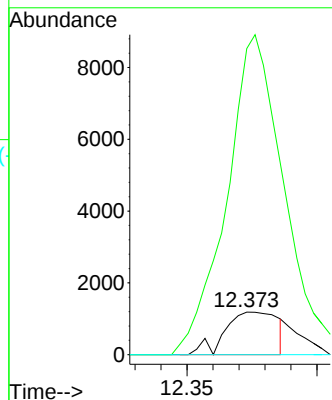
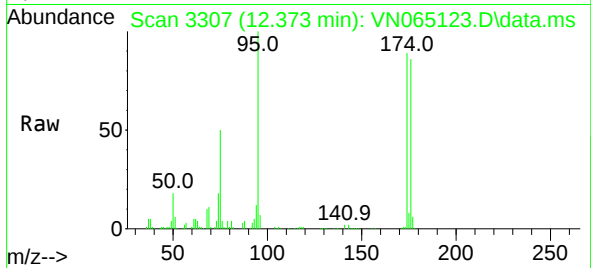




#71
Bromoform
Concen: 0.58 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

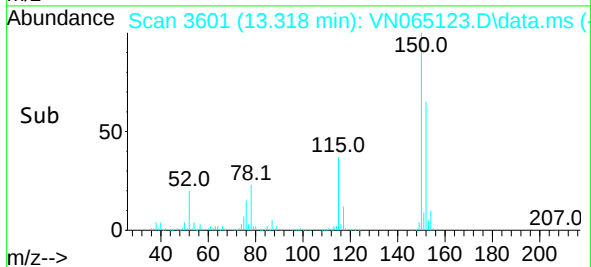
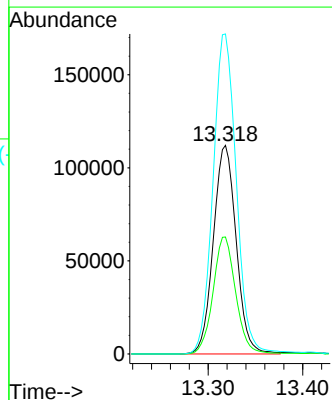
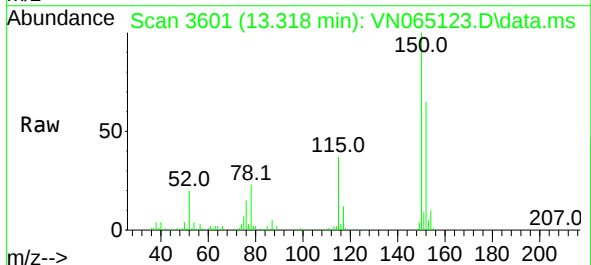
Instrument :
MSVOA_N
ClientSampleId :

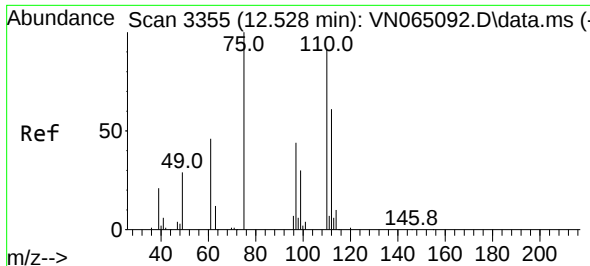
Tgt Ion:173 Resp: 1688
Ion Ratio Lower Upper
173 100
175 676.8 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

Tgt Ion:152 Resp: 188247
Ion Ratio Lower Upper
152 100
115 55.6 29.7 89.1
150 156.4 0.0 350.6

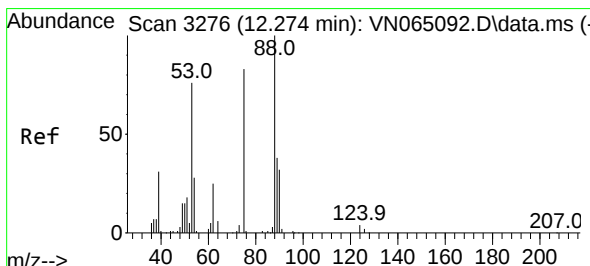
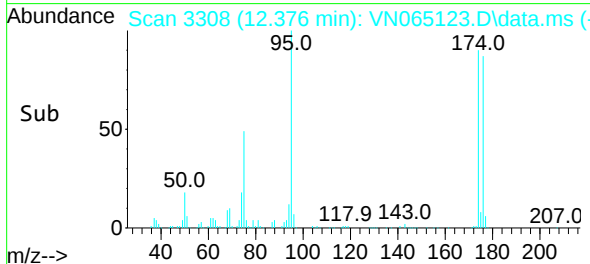
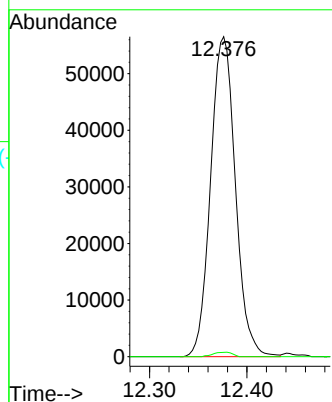
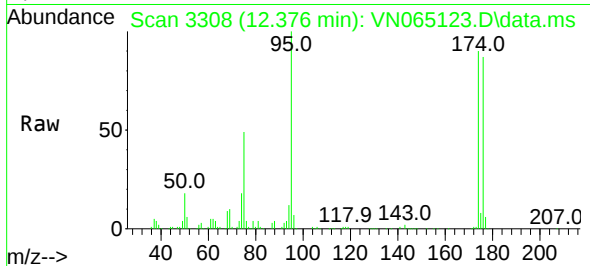




#76
1,2,3-Trichloropropane
Concen: 29.61 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.152 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

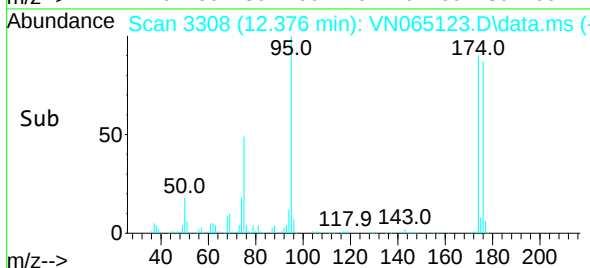
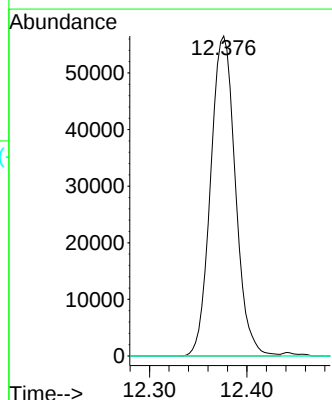
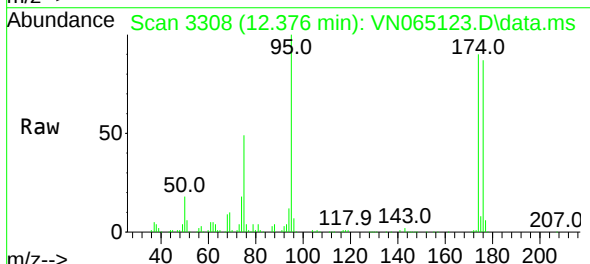
Instrument :
MSVOA_N
ClientSampled :

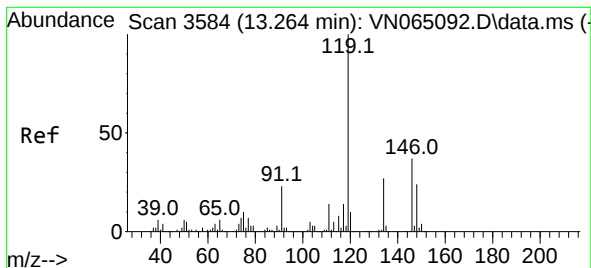
Tgt Ion: 75 Resp: 100001
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.38 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.102 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

Tgt Ion: 75 Resp: 100001
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

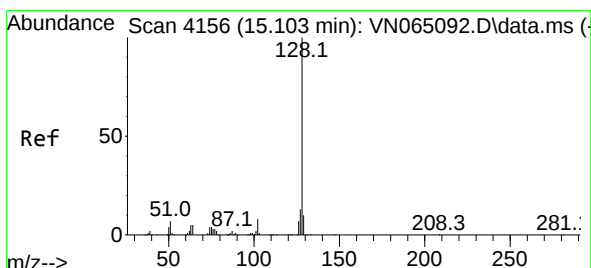
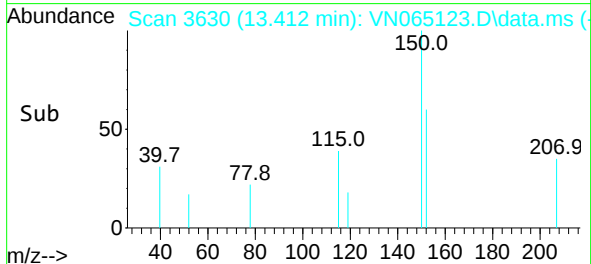
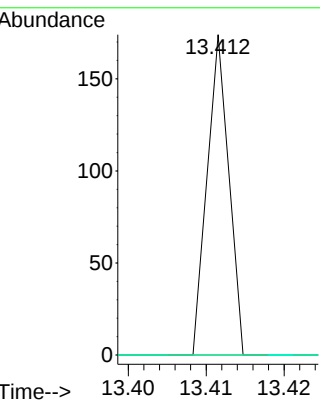
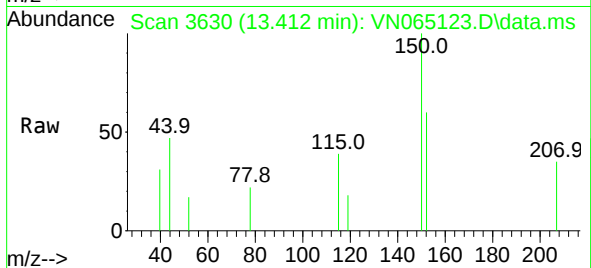




#86
p-Isopropyltoluene
Concen: 1.07 ug/l
RT: 13.412 min Scan# 3630
Delta R.T. 0.148 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

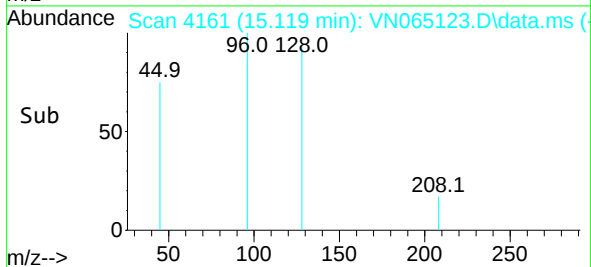
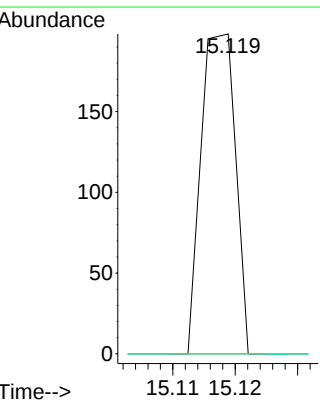
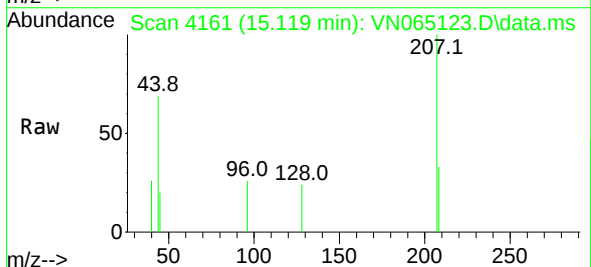
Instrument :
MSVOA_N
ClientSampleId :

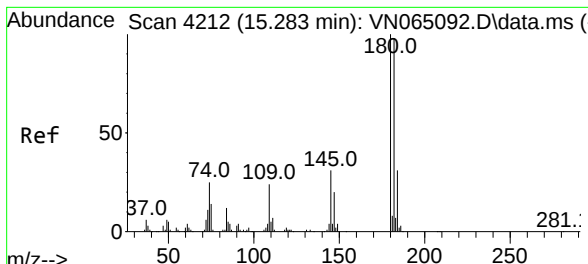
Tgt Ion:119 Resp: 34
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.1#
91 0.0 11.5 34.5#



#95
Naphthalene
Concen: 4.22 ug/l
RT: 15.119 min Scan# 4161
Delta R.T. 0.016 min
Lab File: VN065123.D
Acq: 15 Dec 2020 00:59

Tgt Ion:128 Resp: 76
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.02 ug/l
 RT: 15.292 min Scan# 4215
 Delta R.T. 0.009 min
 Lab File: VN065123.D
 Acq: 15 Dec 2020 00:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:180	Resp:	31
Ion Ratio	Lower	Upper
180	100	
182	0.0	48.1 144.4#
145	0.0	16.4 49.1#

