

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022321\
 Data File : VN065988.D
 Acq On : 23 Feb 2021 16:02
 Operator : JC/MD
 Sample : M1470-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 24 00:36:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

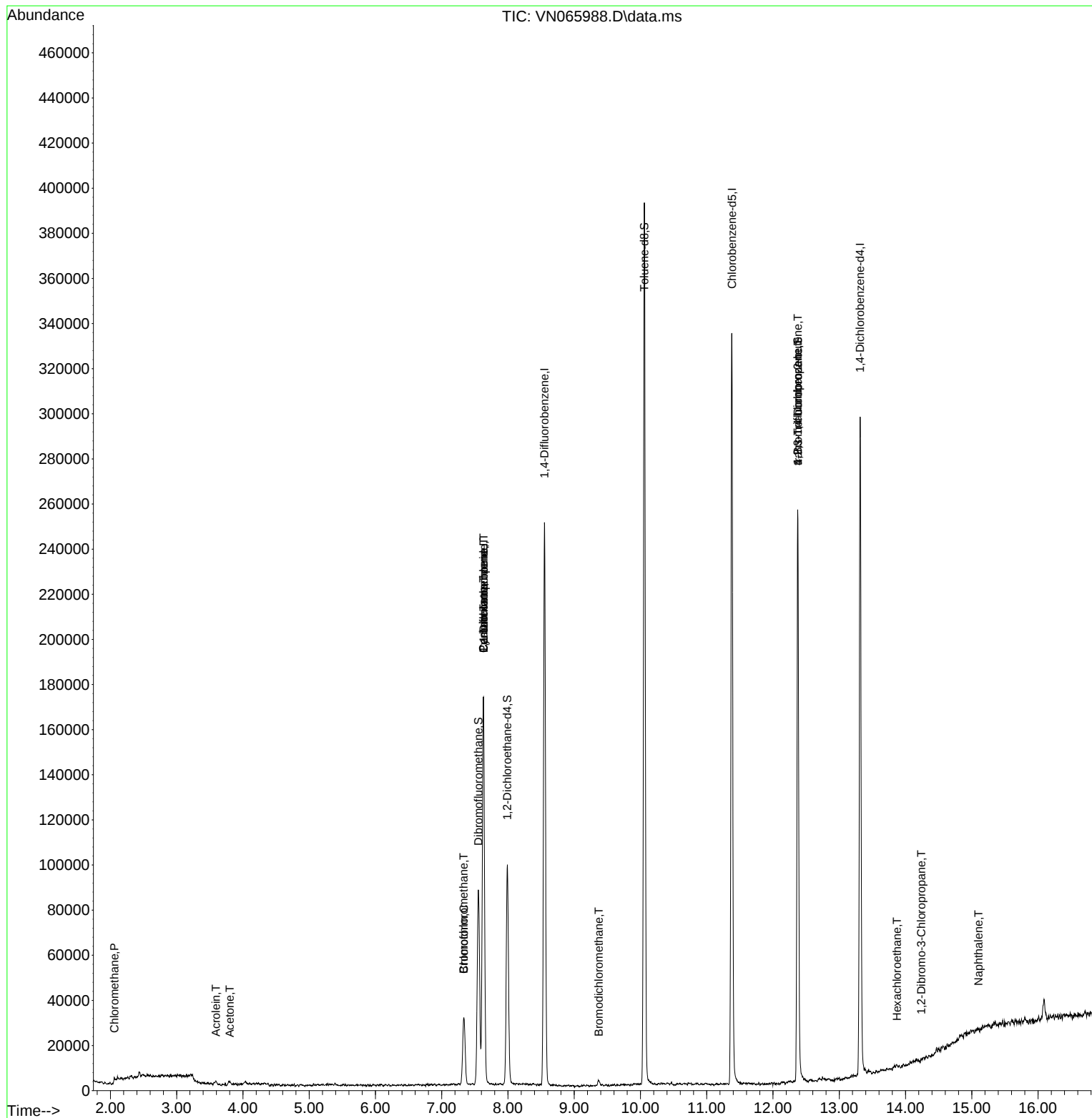
Internal Standards						
1) Pentafluorobenzene	7.631	168	138188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	230399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	207461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	85285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	89996	46.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.14%		
35) Dibromofluoromethane	7.553	113	68916	48.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.66%		
50) Toluene-d8	10.058	98	279494	47.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.50%		
62) 4-Bromofluorobenzene	12.373	95	101977	46.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.82%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.058	50	1014	0.45	ug/l #	87
13) Acrolein	3.592	56	1857	7.55	ug/l	93
16) Acetone	3.801	43	2941	3.26	ug/l	93
28) Bromochloromethane	7.332	49	2317	1.64	ug/l #	9
30) Chloroform	7.335	83	33243	10.99	ug/l	96
31) Cyclohexane	7.627	56	2549	0.88	ug/l #	3
36) 1,1-Dichloropropene	7.631	75	10498	4.62	ug/l #	49
38) Carbon Tetrachloride	7.631	117	14323	6.78	ug/l #	16
47) Bromodichloromethane	9.370	83	2122	0.96	ug/l #	94
76) 1,2,3-Trichloropropane	12.373	75	51558	25.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	51558	80.20	ug/l #	12
90) Hexachloroethane	13.871	117	227	0.23	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.238	75	53	0.98	ug/l #	1
95) Naphthalene	15.100	128	64	3.07	ug/l #	69

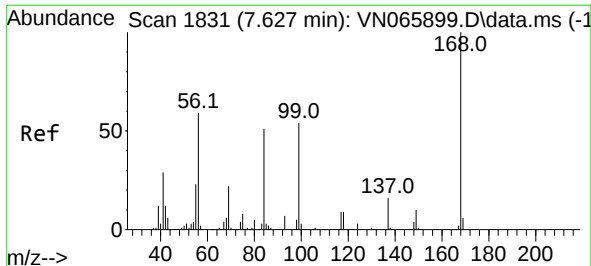
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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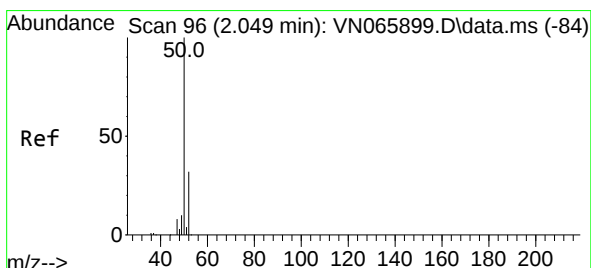
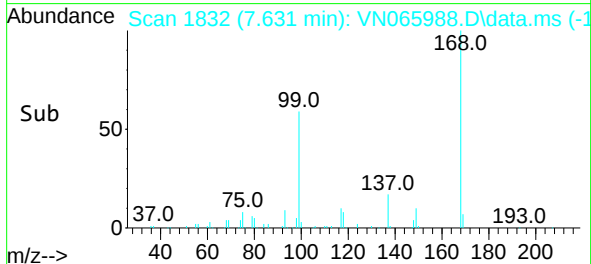
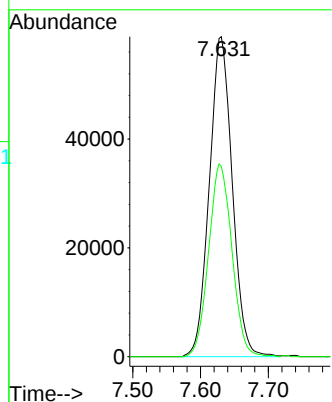
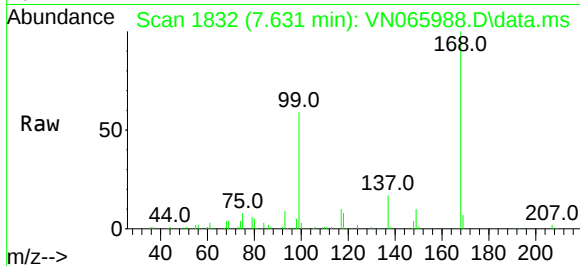




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

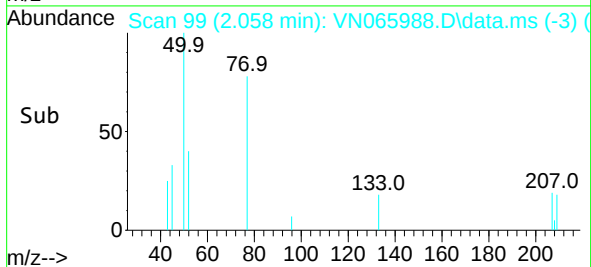
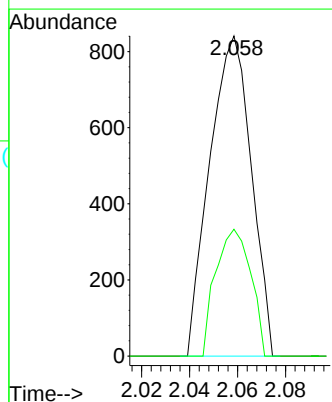
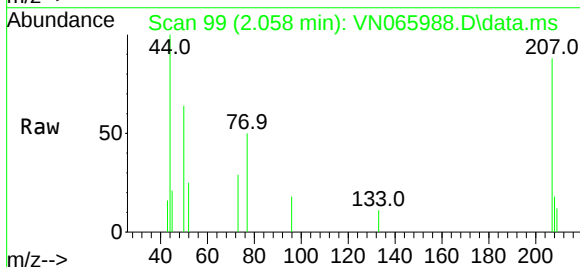
Instrument :
MSVOA_N
ClientSampled :

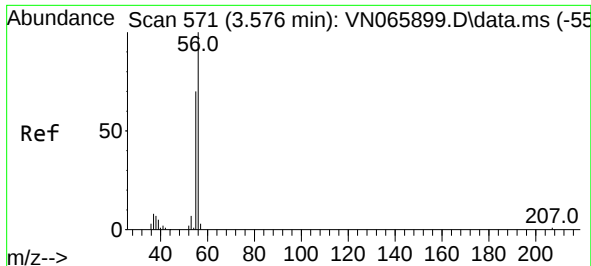
Tgt Ion:168 Resp: 138188
Ion Ratio Lower Upper
168 100
99 59.4 42.6 63.8



#3
Chloromethane
Concen: 0.45 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

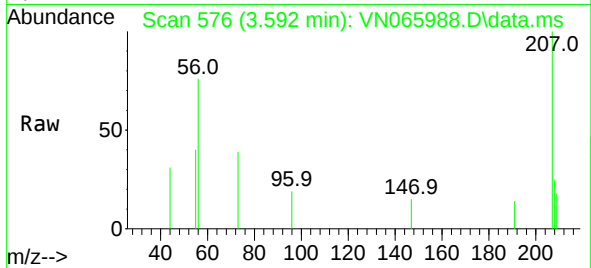
Tgt Ion: 50 Resp: 1014
Ion Ratio Lower Upper
50 100
52 39.6 25.8 38.8#



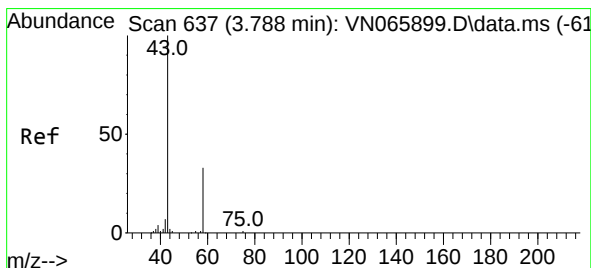
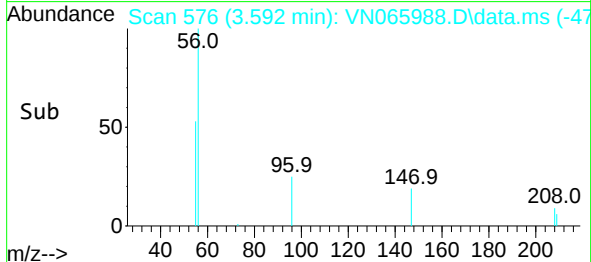
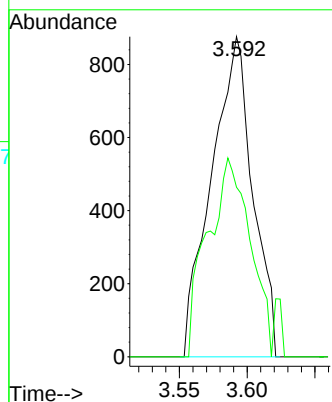


#13
Acrolein
Concen: 7.55 ug/l
RT: 3.592 min Scan# 576
Delta R.T. 0.016 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

Instrument :
MSVOA_N
ClientSampled :

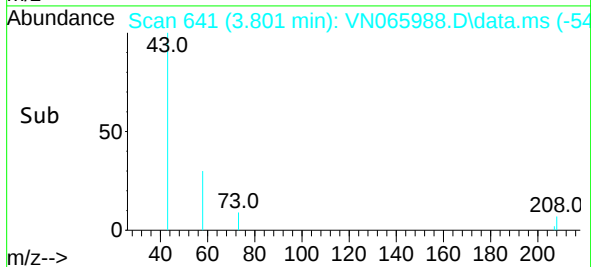
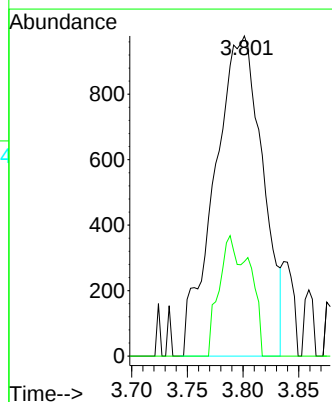
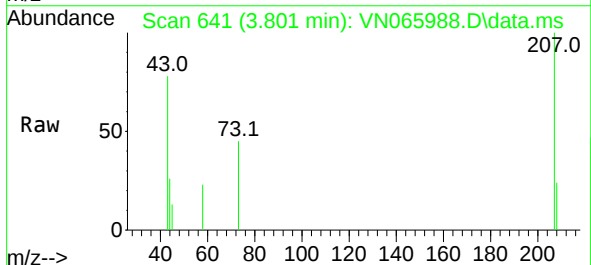


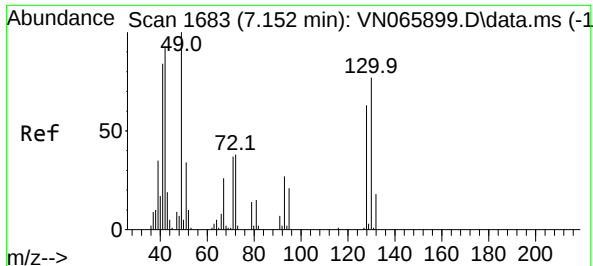
Tgt Ion: 56 Resp: 1857
Ion Ratio Lower Upper
56 100
55 64.5 56.0 84.0



#16
Acetone
Concen: 3.26 ug/l
RT: 3.801 min Scan# 641
Delta R.T. 0.013 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

Tgt Ion: 43 Resp: 2941
Ion Ratio Lower Upper
43 100
58 29.6 27.0 40.6





#28

Bromochloromethane

Concen: 1.64 ug/l

RT: 7.332 min Scan# 1739

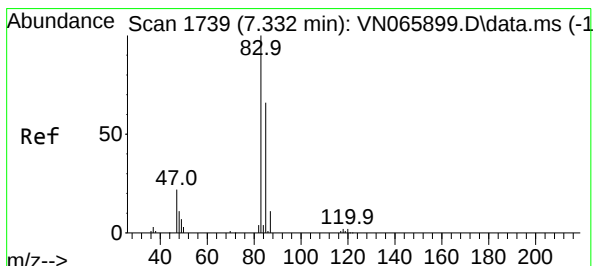
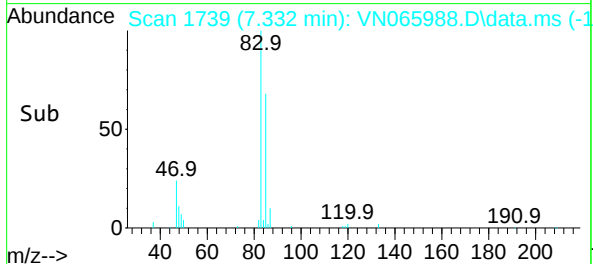
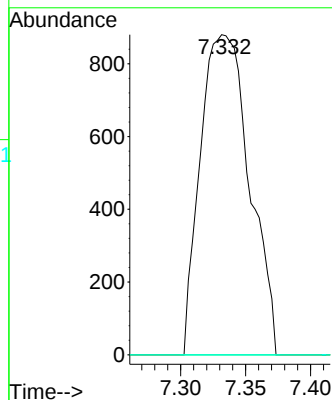
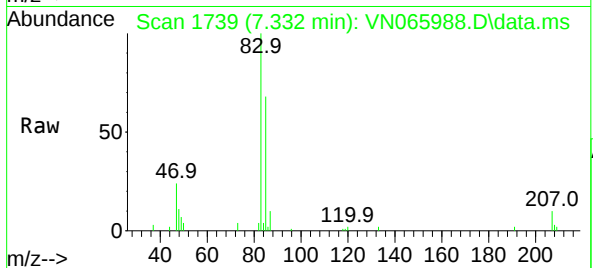
Delta R.T. 0.180 min

Lab File: VN065988.D

Acq: 23 Feb 2021 16:02

Tgt Ion:	49	Resp:	2317
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	3.6
130	0.0	67.8	101.6#

Instrument :
MSVOA_N
ClientSampled :



#30

Chloroform

Concen: 10.99 ug/l

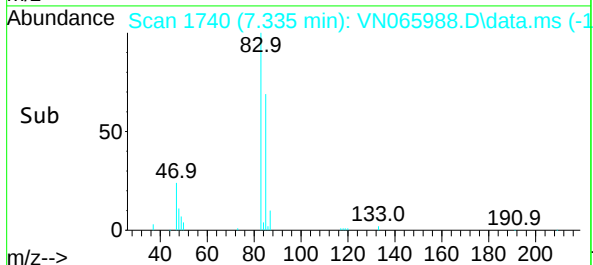
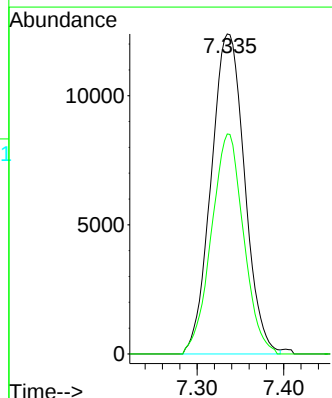
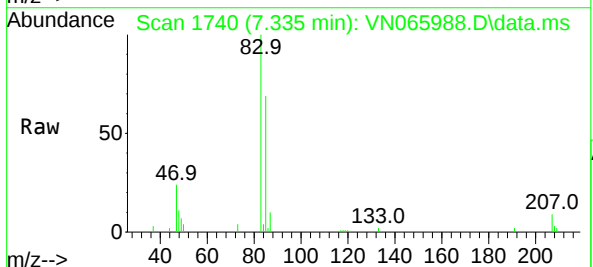
RT: 7.335 min Scan# 1740

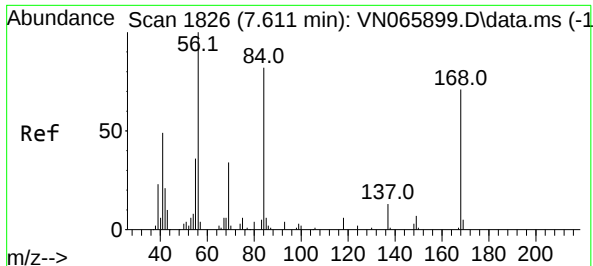
Delta R.T. 0.003 min

Lab File: VN065988.D

Acq: 23 Feb 2021 16:02

Tgt Ion:	83	Resp:	33243
Ion Ratio	Lower	Upper	
83	100		
85	68.8	52.6	78.8





#31

Cyclohexane

Concen: 0.88 ug/l

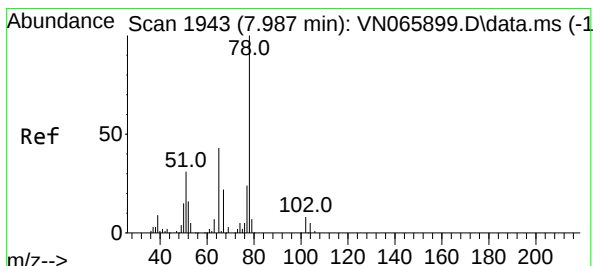
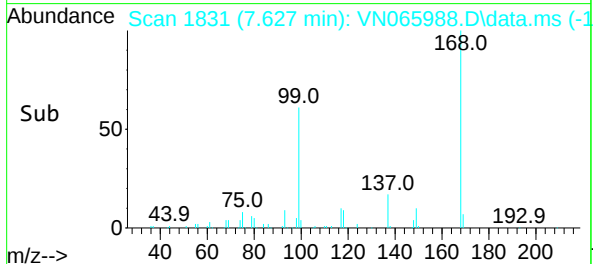
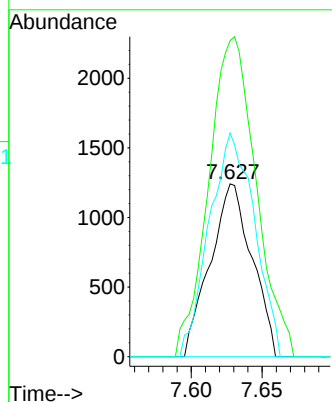
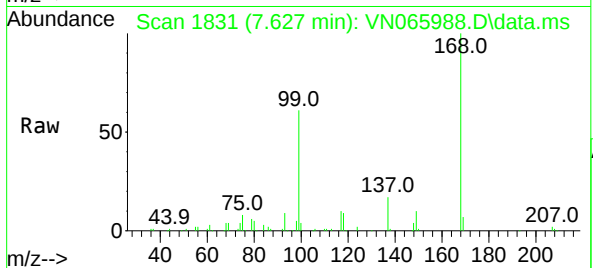
RT: 7.627 min Scan# 1831

Delta R.T. 0.016 min

Lab File: VN065988.D

Acq: 23 Feb 2021 16:02

Tgt Ion:	56	Resp:	2549
Ion Ratio	Lower	Upper	
56	100		
69	167.1	26.6	39.8#
84	129.5	70.4	105.6#



#33

1,2-Dichloroethane-d4

Concen: 46.57 ug/l

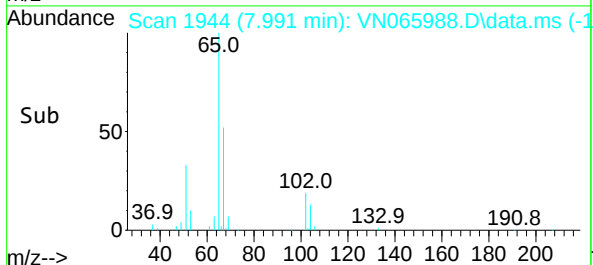
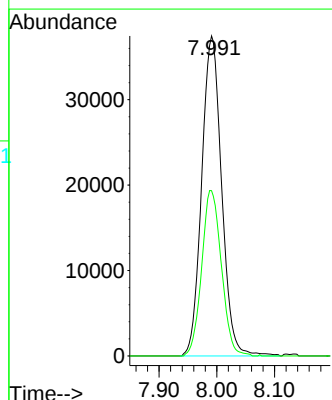
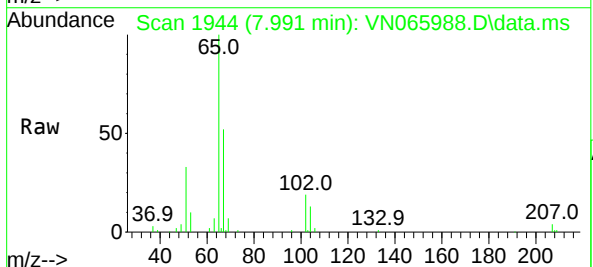
RT: 7.991 min Scan# 1944

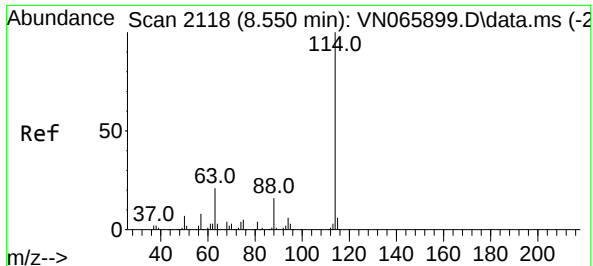
Delta R.T. 0.004 min

Lab File: VN065988.D

Acq: 23 Feb 2021 16:02

Tgt Ion:	65	Resp:	89996
Ion Ratio	Lower	Upper	
65	100		
67	50.9	0.0	107.2

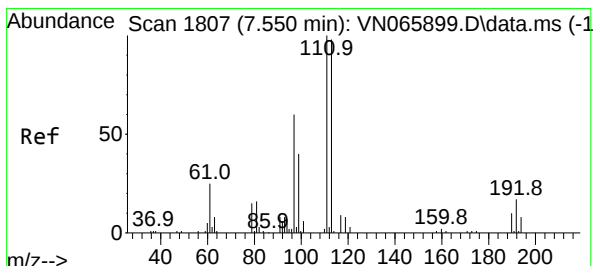
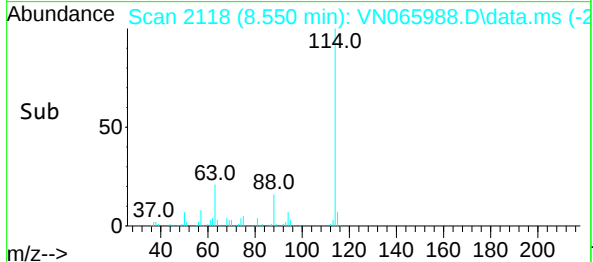
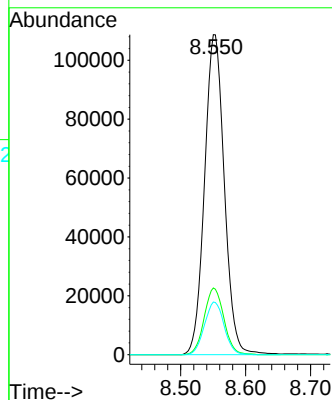
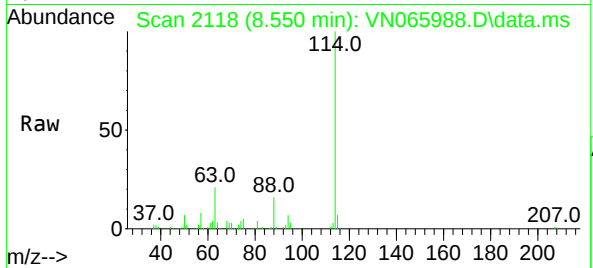




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

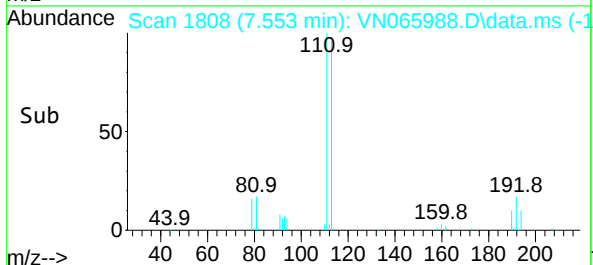
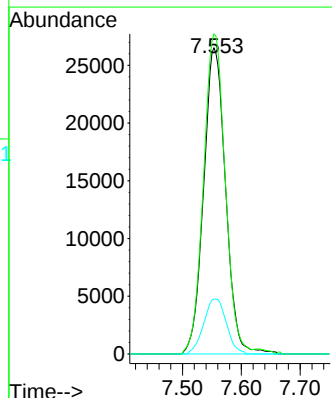
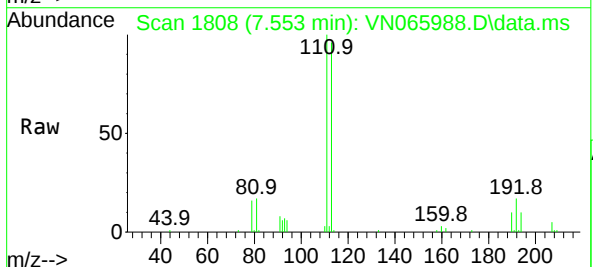
Instrument :
MSVOA_N
ClientSampled :

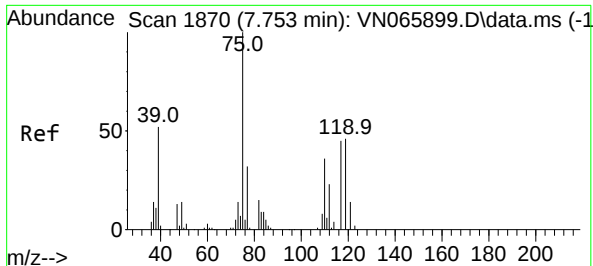
Tgt Ion:114 Resp: 230399
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.6
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.33 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

Tgt Ion:113 Resp: 68916
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.5 15.4 23.0

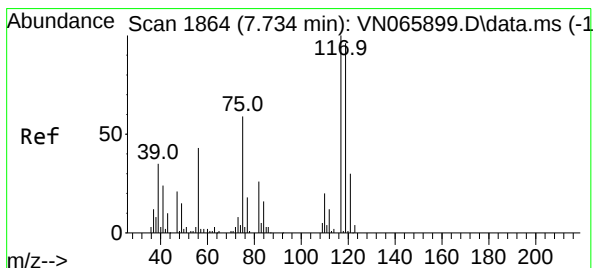
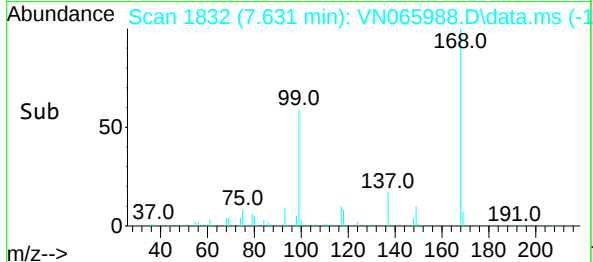
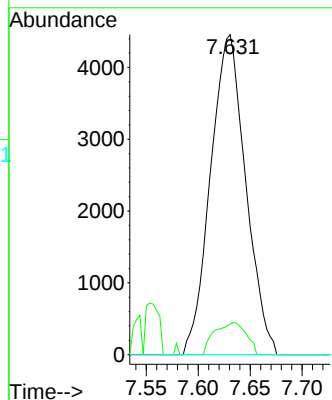
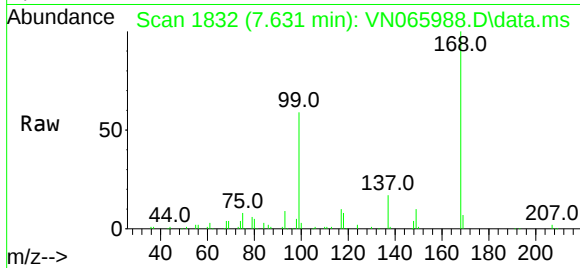




#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.122 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

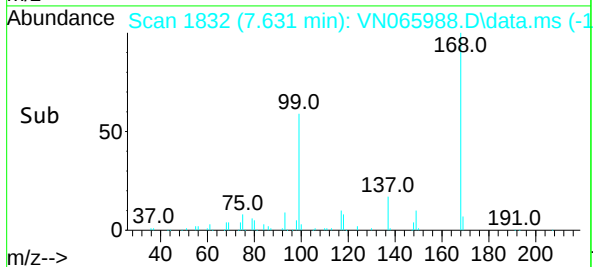
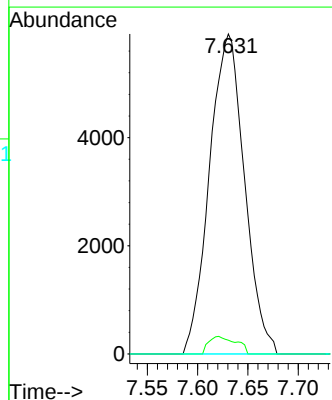
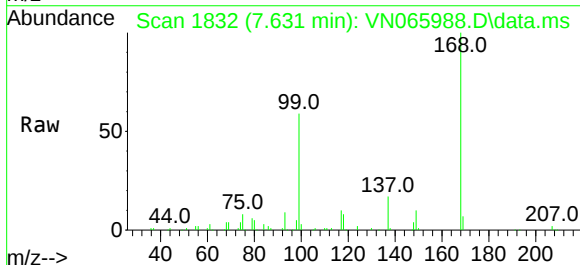
Instrument :
MSVOA_N
ClientSampled :

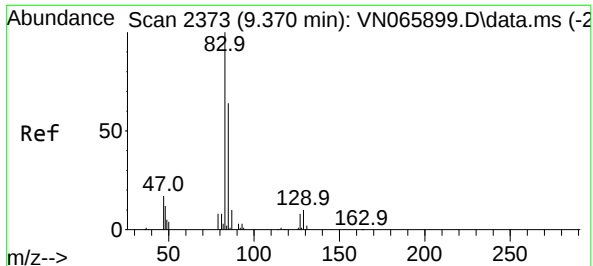
Tgt Ion: 75 Resp: 10498
Ion Ratio Lower Upper
75 100
110 9.0 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.78 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

Tgt Ion: 117 Resp: 14323
Ion Ratio Lower Upper
117 100
119 4.3 76.0 114.0#
121 0.0 24.5 36.7#

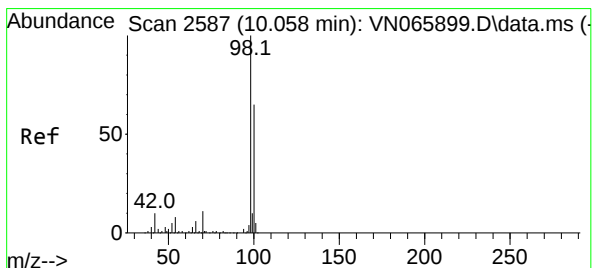
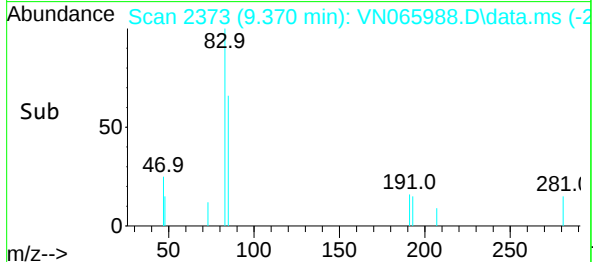
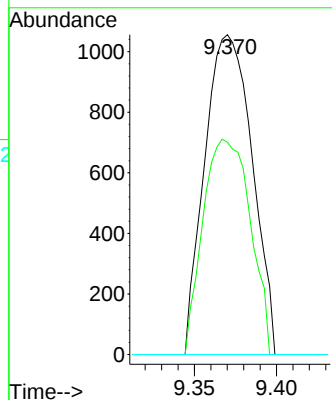
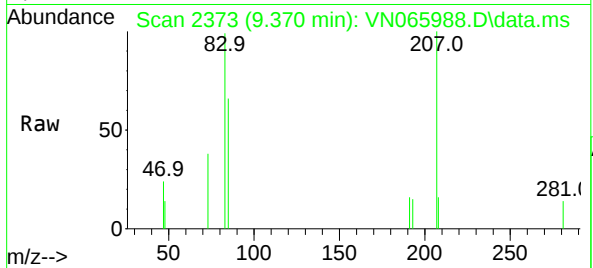




#47
Bromodichloromethane
Concen: 0.96 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

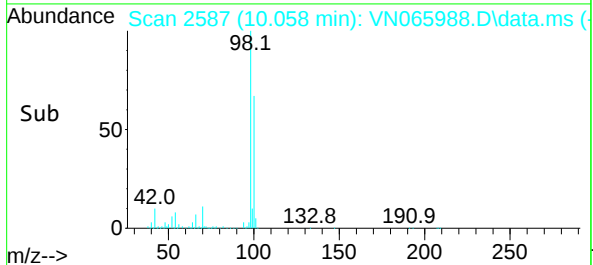
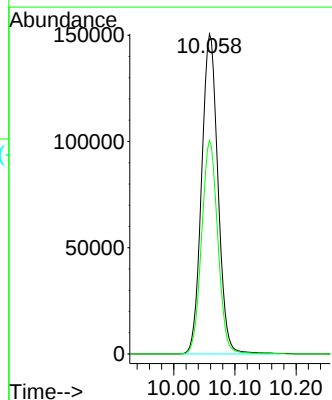
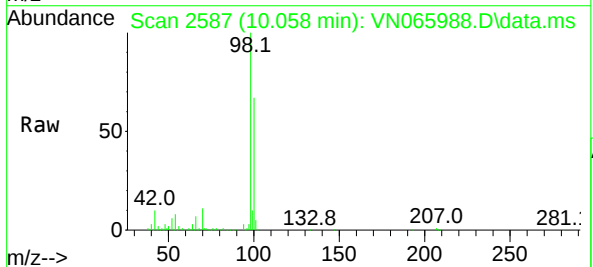
Instrument :
MSVOA_N
ClientSampled :

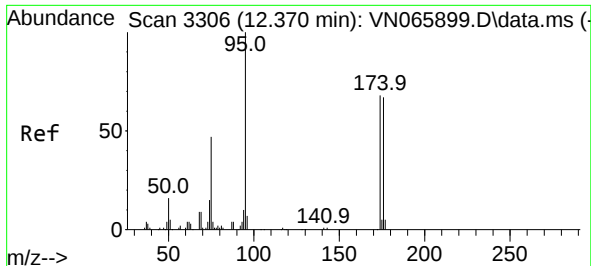
Tgt Ion: 83 Resp: 2122
Ion Ratio Lower Upper
83 100
85 66.4 51.0 76.4
127 0.0 7.0 10.6#



#50
Toluene-d8
Concen: 47.75 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

Tgt Ion: 98 Resp: 279494
Ion Ratio Lower Upper
98 100
100 65.9 50.5 75.7

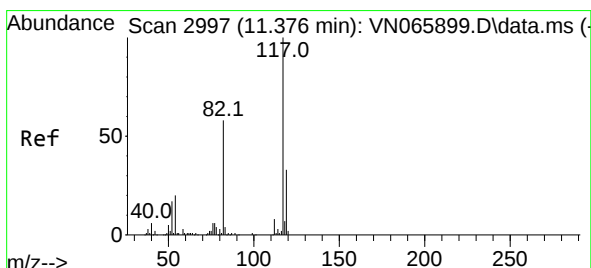
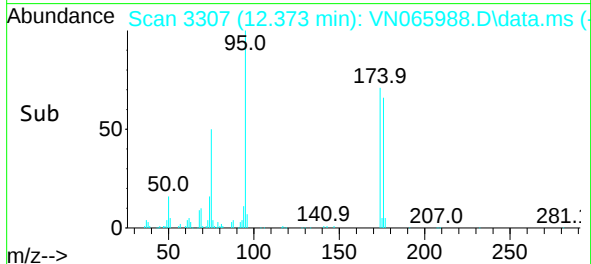
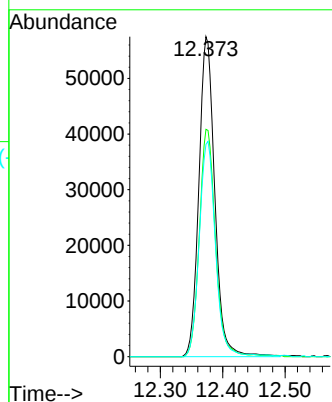
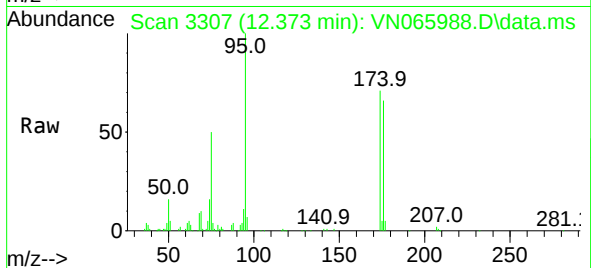




#62
4-Bromofluorobenzene
Concen: 46.41 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

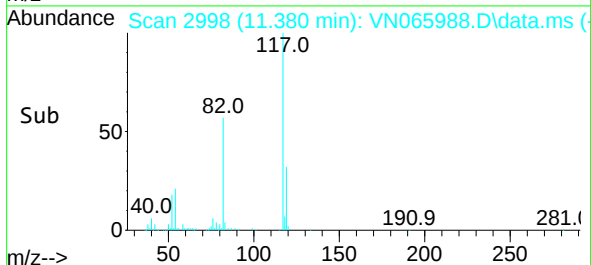
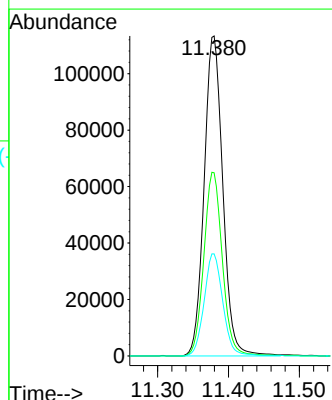
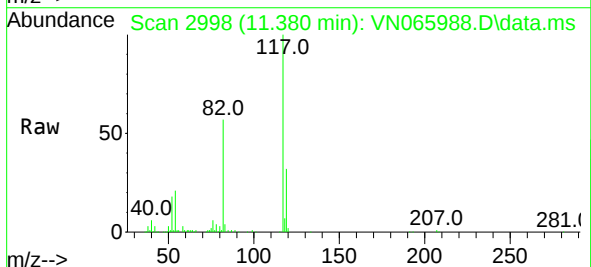
Instrument :
MSVOA_N
ClientSampled :

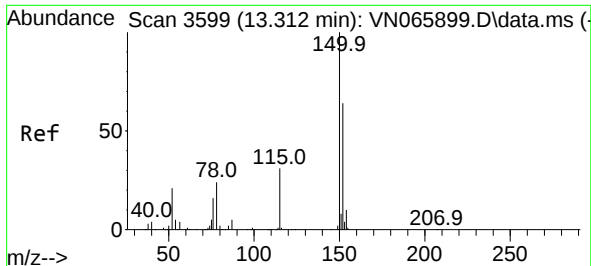
Tgt Ion: 95 Resp: 101977
Ion Ratio Lower Upper
95 100
174 71.5 0.0 169.0
176 67.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

Tgt Ion: 117 Resp: 207461
Ion Ratio Lower Upper
117 100
82 57.2 43.7 65.5
119 31.9 26.1 39.1

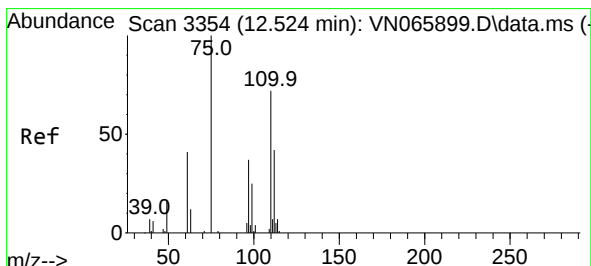
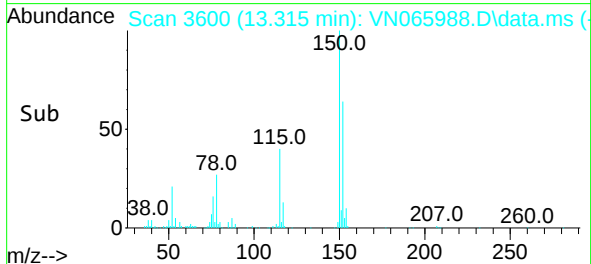
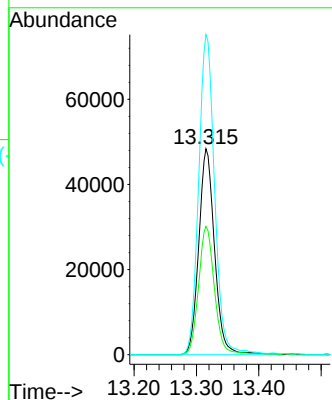
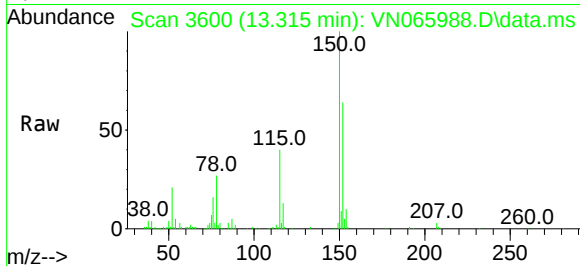




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065988.D
 Acq: 23 Feb 2021 16:02

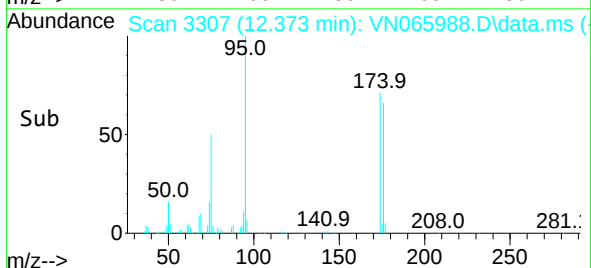
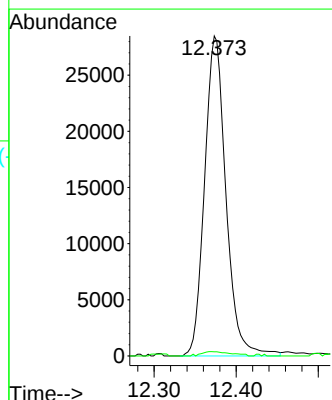
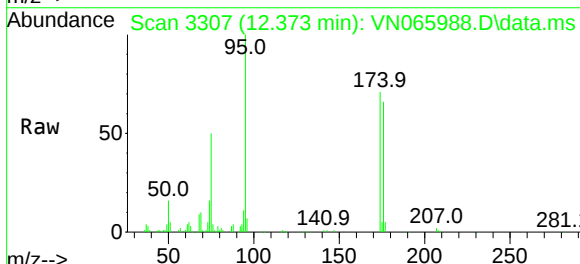
Instrument :
 MSVOA_N
 ClientSampled :

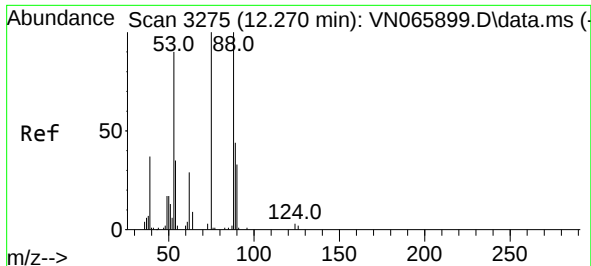
Tgt Ion:152 Resp: 85285
 Ion Ratio Lower Upper
 152 100
 115 62.5 28.5 85.6
 150 156.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 25.16 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065988.D
 Acq: 23 Feb 2021 16:02

Tgt Ion: 75 Resp: 51558
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#

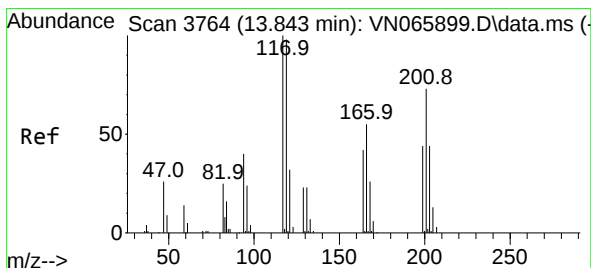
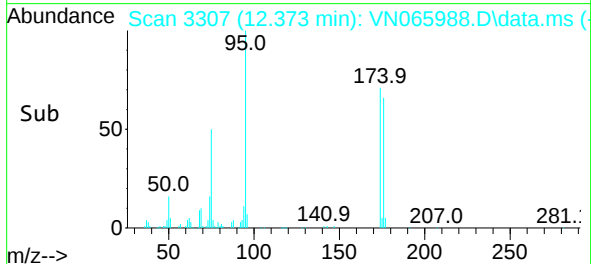
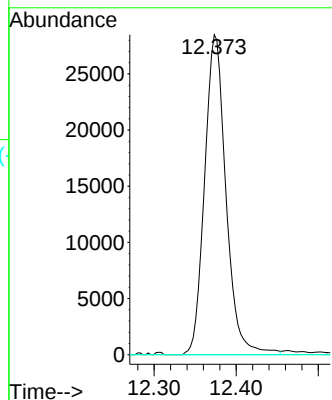
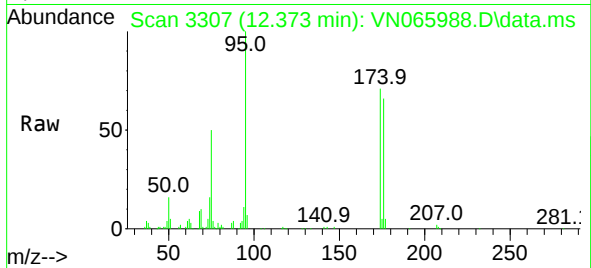




#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.20 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065988.D
 Acq: 23 Feb 2021 16:02

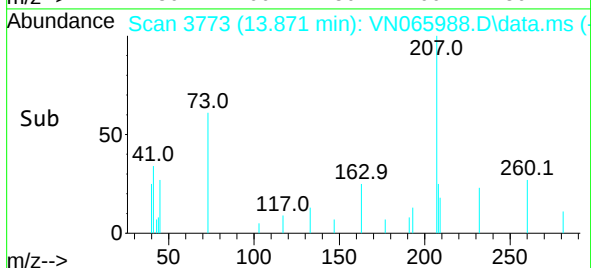
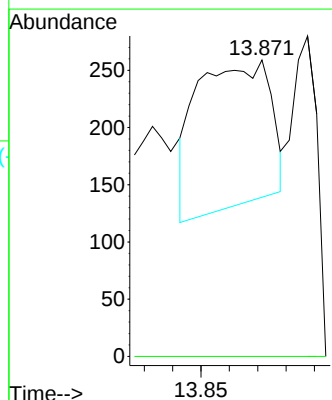
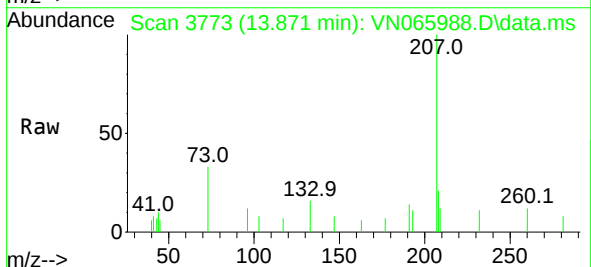
Instrument :
 MSVOA_N
 ClientSampleId :

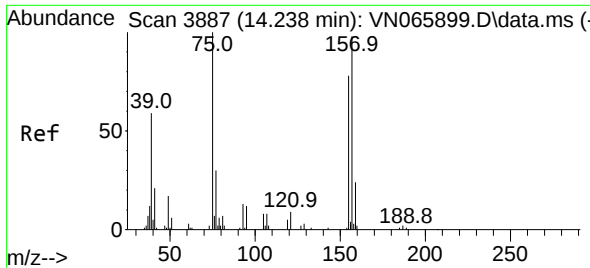
Tgt Ion: 75 Resp: 51558
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#



#90
 Hexachloroethane
 Concen: 0.23 ug/l
 RT: 13.871 min Scan# 3773
 Delta R.T. 0.028 min
 Lab File: VN065988.D
 Acq: 23 Feb 2021 16:02

Tgt Ion: 117 Resp: 227
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.8 113.3#

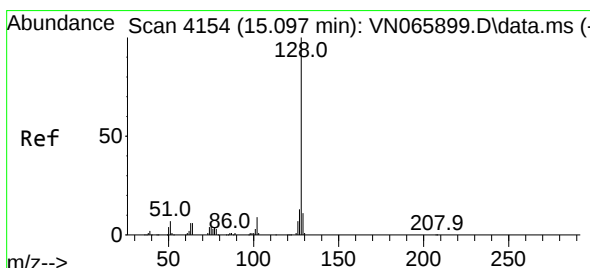
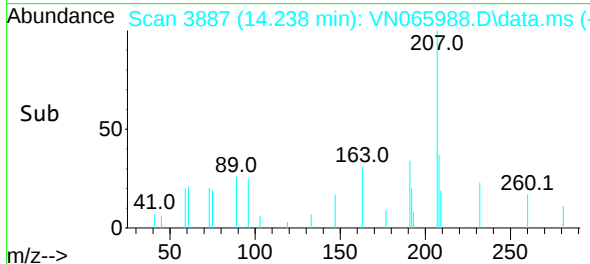
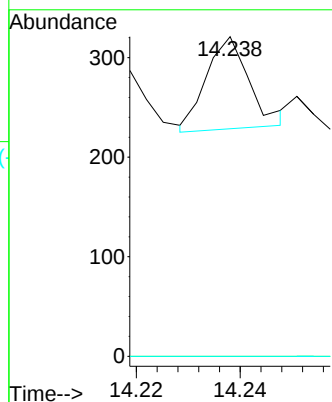
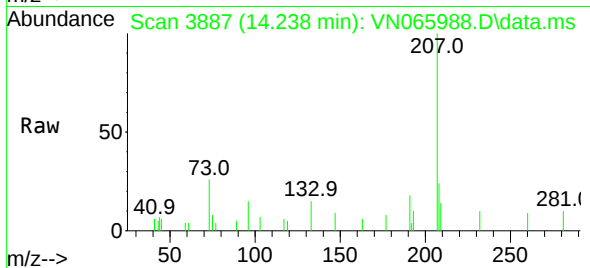




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.98 ug/l
RT: 14.238 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#95
Naphthalene
Concen: 3.07 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN065988.D
Acq: 23 Feb 2021 16:02

Tgt Ion: 128 Resp: 64
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

