

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
 Data File : VN065998.D
 Acq On : 24 Feb 2021 12:55
 Operator : JC/MD
 Sample : M1473-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 25 02:12:32 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)

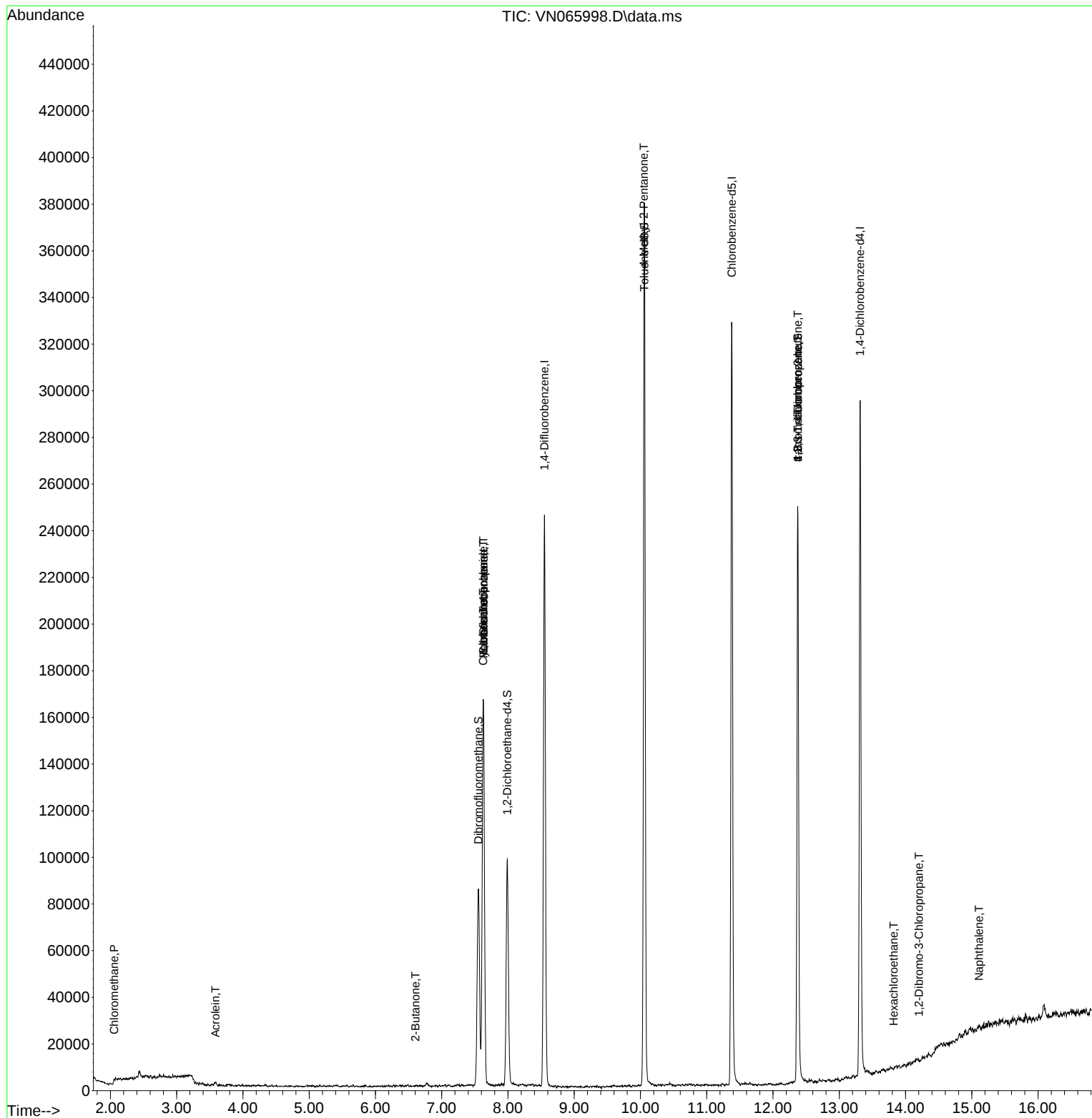
Internal Standards						
1) Pentafluorobenzene	7.631	168	135306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	225367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	203921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	84099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	89280	47.18	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.36%		
35) Dibromofluoromethane	7.553	113	68617	49.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.40%		
50) Toluene-d8	10.058	98	271072	47.35	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.70%		
62) 4-Bromofluorobenzene	12.373	95	98496	45.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.66%		
Target Compounds						
						Qvalue
3) Chloromethane	2.055	50	992	0.45	ug/l #	79
13) Acrolein	3.586	56	1677	6.97	ug/l	97
16) Acetone	3.785	43	472	Below Cal	#	41
25) 2-Butanone	6.605	43	196	0.21	ug/l #	46
31) Cyclohexane	7.624	56	2426	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	10398	4.68	ug/l #	49
38) Carbon Tetrachloride	7.627	117	13419	6.50	ug/l #	17
51) 4-Methyl-2-Pentanone	10.052	43	1194	0.61	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	49832	24.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	49832	78.61	ug/l #	12
90) Hexachloroethane	13.820	117	203	0.21	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.203	75	735	2.66	ug/l #	1
95) Naphthalene	15.109	128	288	3.11	ug/l #	69

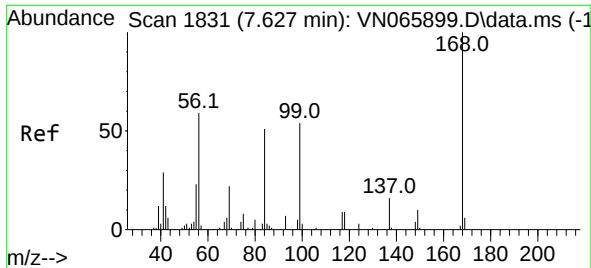
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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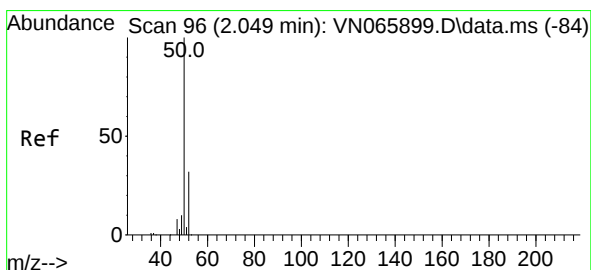
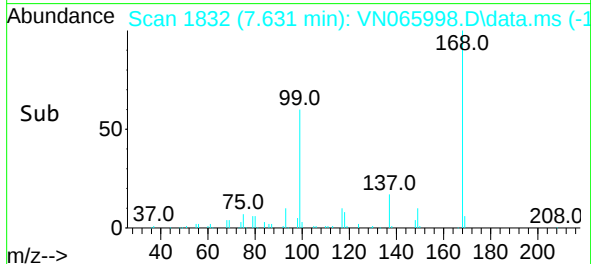
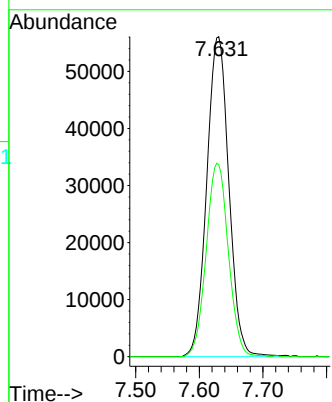
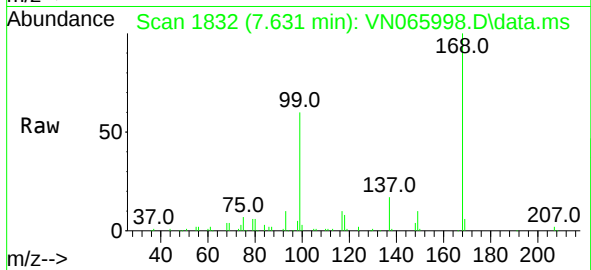




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

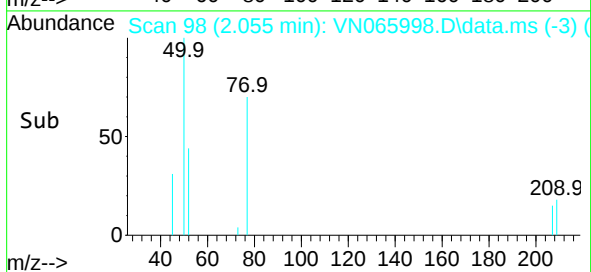
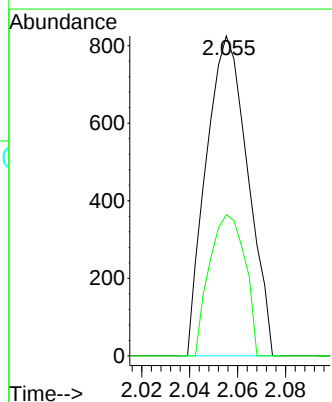
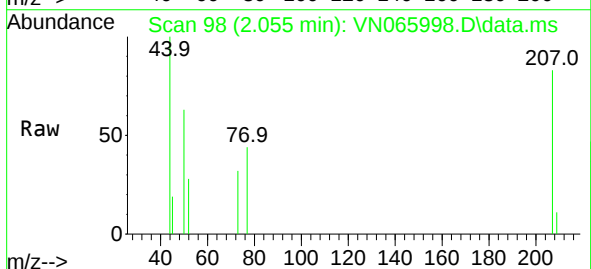
Instrument :
MSVOA_N
ClientSampled :

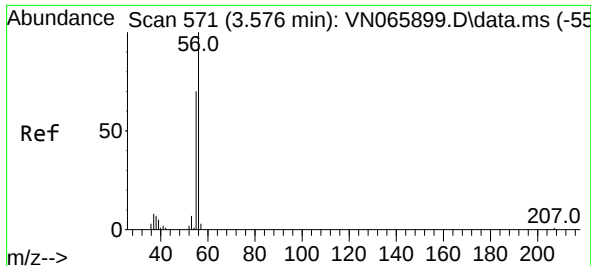
Tgt Ion:168 Resp: 135306
Ion Ratio Lower Upper
168 100
99 60.0 42.6 63.8



#3
Chloromethane
Concen: 0.45 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

Tgt Ion: 50 Resp: 992
Ion Ratio Lower Upper
50 100
52 44.1 25.8 38.8#

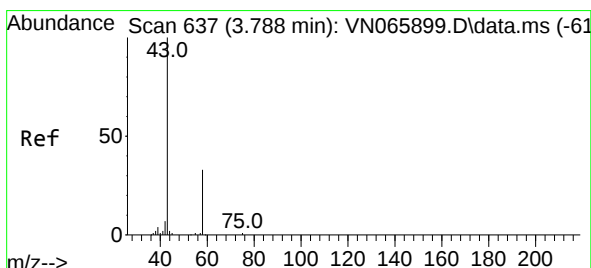
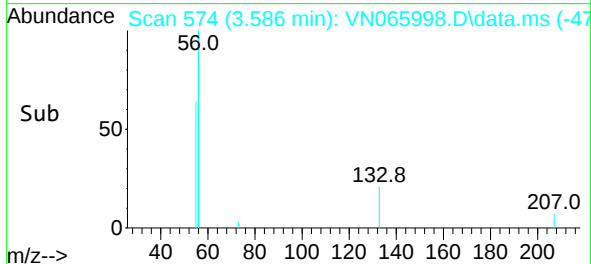
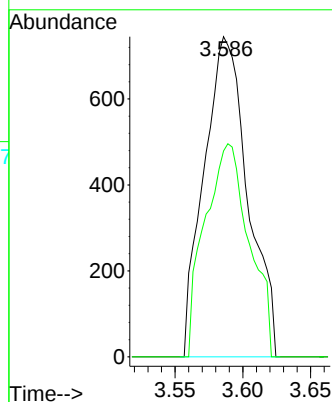
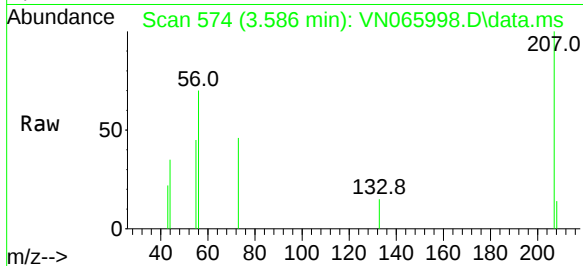




#13
Acrolein
Concen: 6.97 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

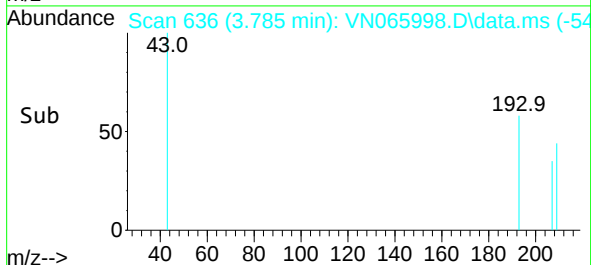
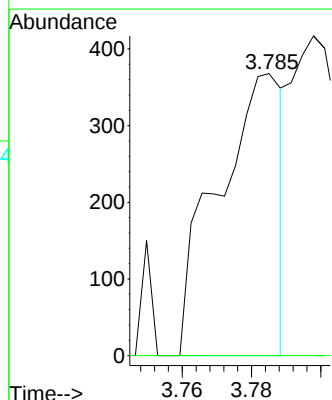
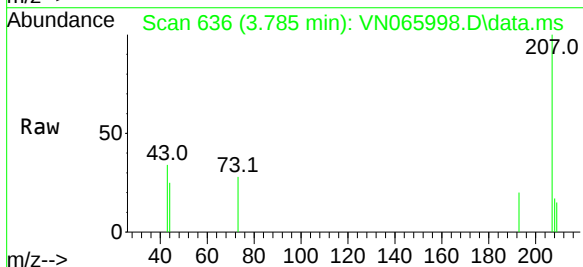
Instrument :
MSVOA_N
ClientSampled :

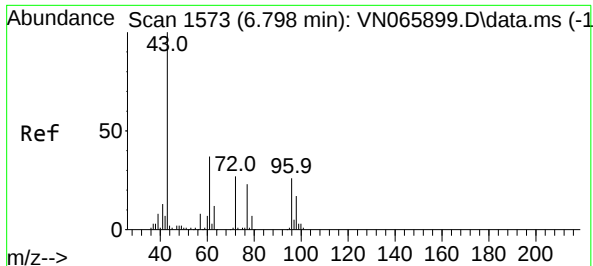
Tgt Ion: 56 Resp: 1677
Ion Ratio Lower Upper
56 100
55 67.1 56.0 84.0



#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. -0.003 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

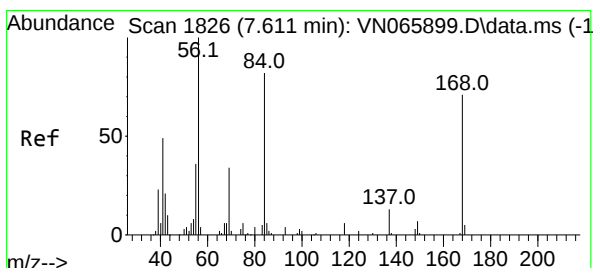
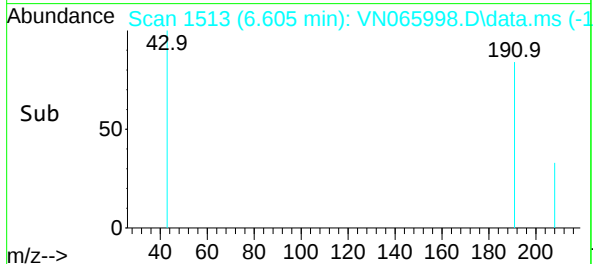
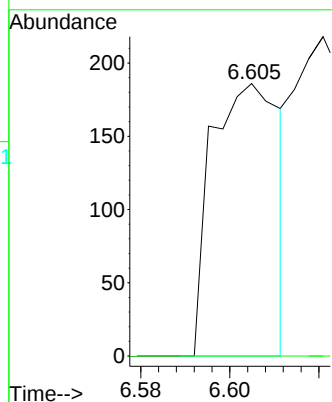
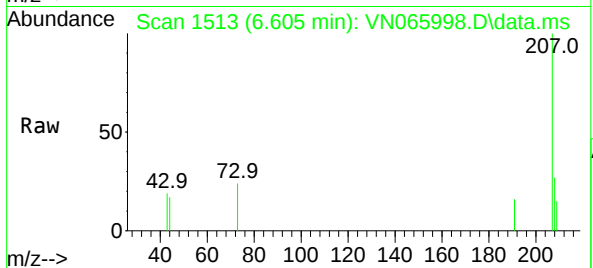




#25
2-Butanone
Concen: 0.21 ug/l
RT: 6.605 min Scan# 1513
Delta R.T. -0.193 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

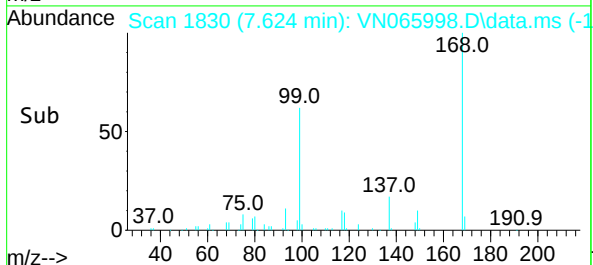
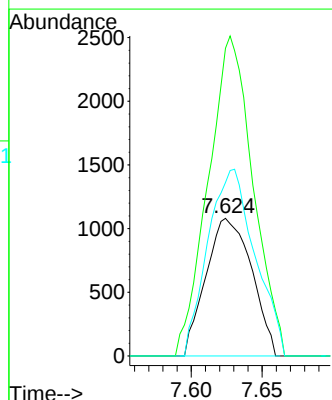
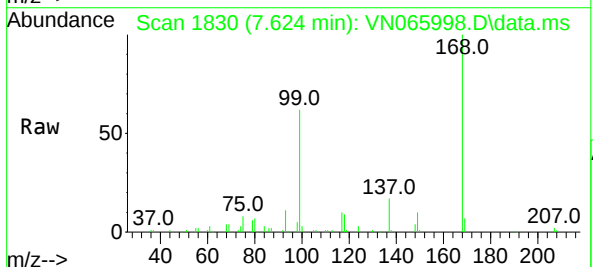
Instrument :
MSVOA_N
ClientSampled :

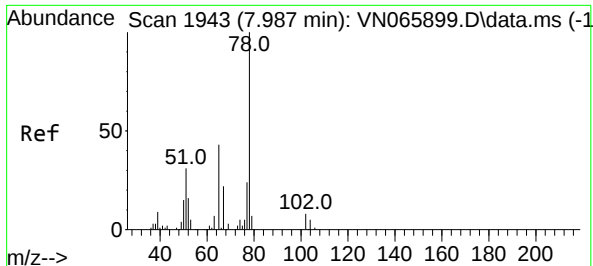
Tgt Ion: 43 Resp: 196
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.86 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

Tgt Ion: 56 Resp: 2426
Ion Ratio Lower Upper
56 100
69 207.6 26.6 39.8#
84 126.0 70.4 105.6#

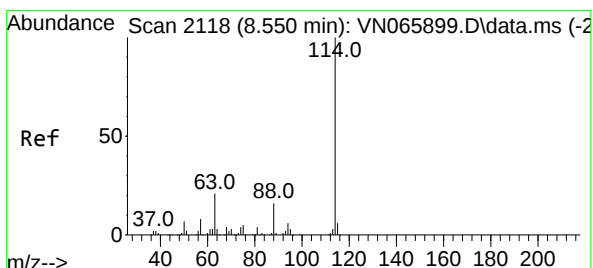
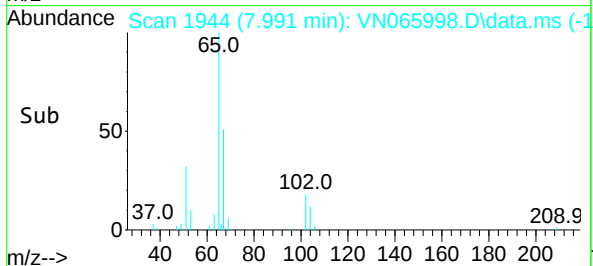
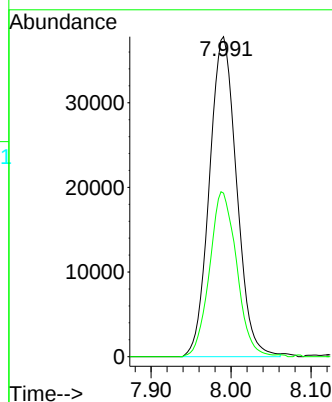
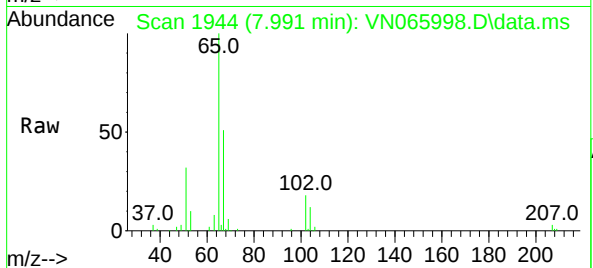




#33
1,2-Dichloroethane-d4
Concen: 47.18 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

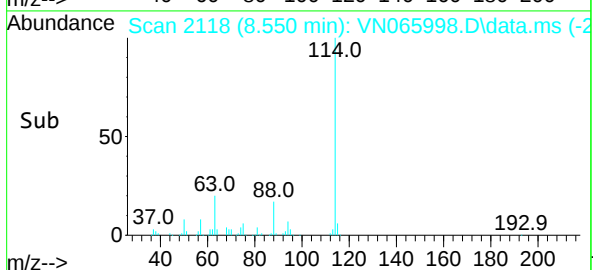
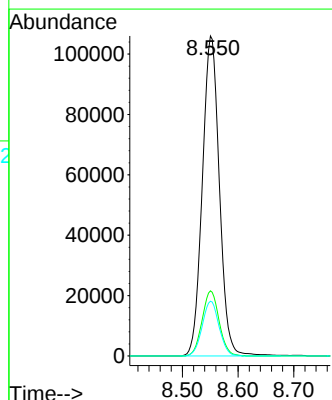
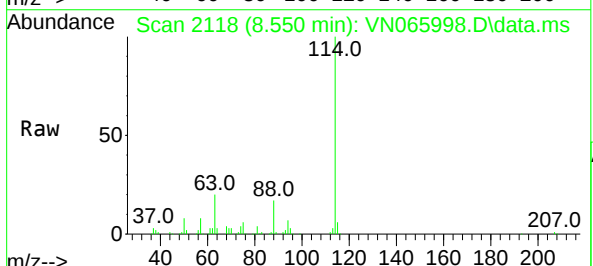
Instrument :
MSVOA_N
ClientSampled :

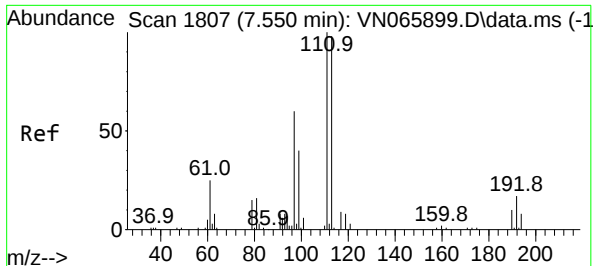
Tgt Ion: 65 Resp: 89280
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

Tgt Ion: 114 Resp: 225367
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.20 ug/l

RT: 7.553 min Scan# 1808

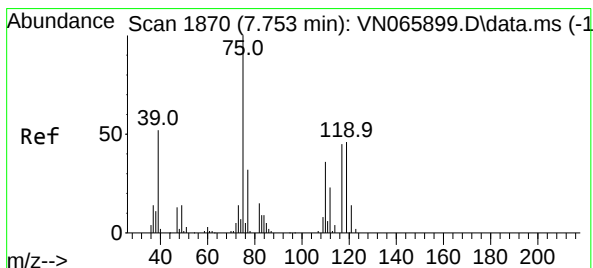
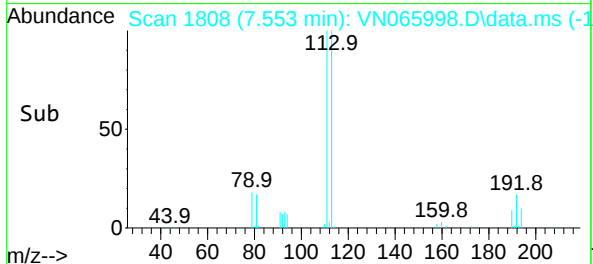
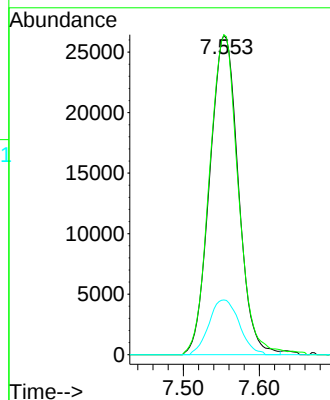
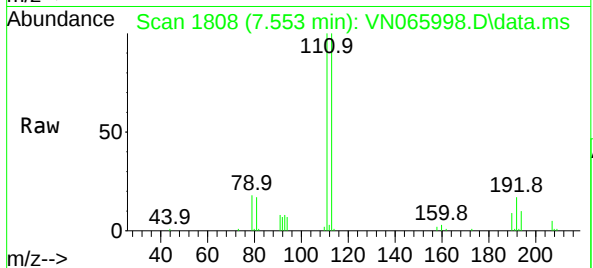
Delta R.T. 0.003 min

Lab File: VN065998.D

Acq: 24 Feb 2021 12:55

Tgt Ion:	113	Resp:	68617
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.2
192	18.2	15.4	23.0

Instrument :
MSVOA_N
ClientSampled :



#36

1,1-Dichloropropene

Concen: 4.68 ug/l

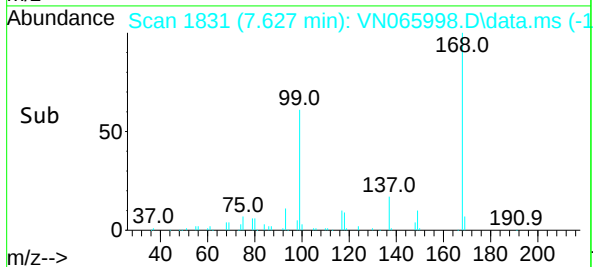
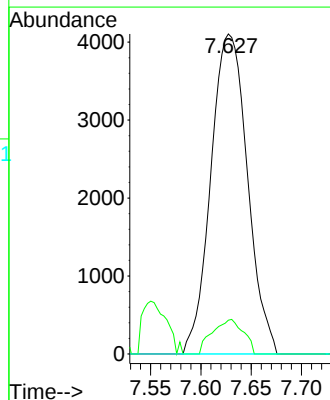
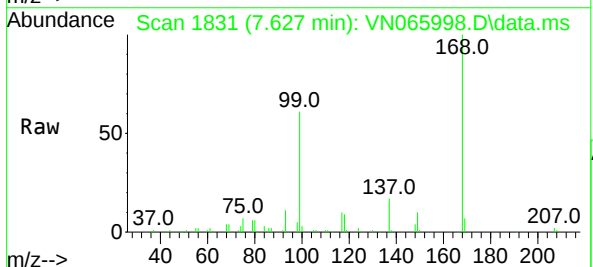
RT: 7.627 min Scan# 1831

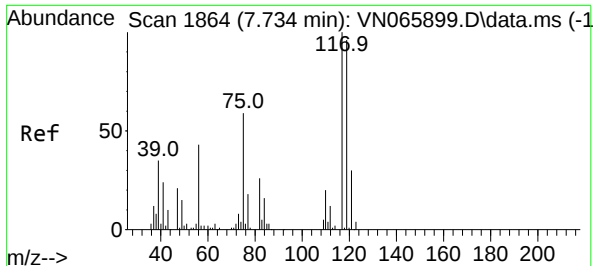
Delta R.T. -0.126 min

Lab File: VN065998.D

Acq: 24 Feb 2021 12:55

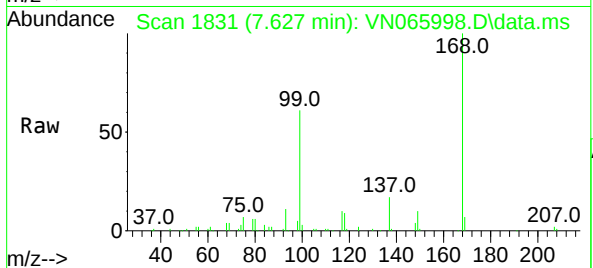
Tgt Ion:	75	Resp:	10398
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.2	54.6#
77	0.0	24.9	37.3#



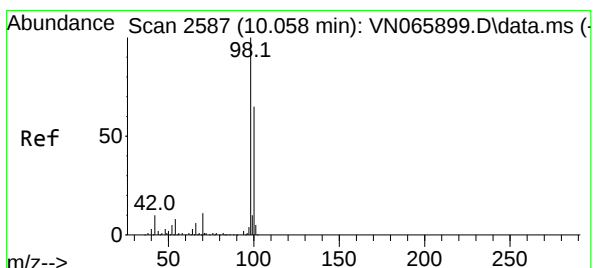
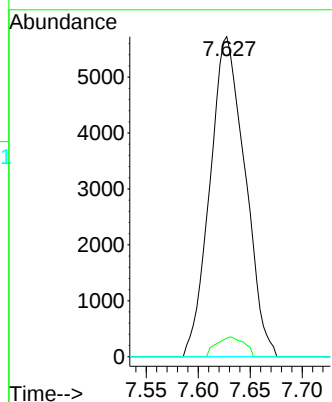
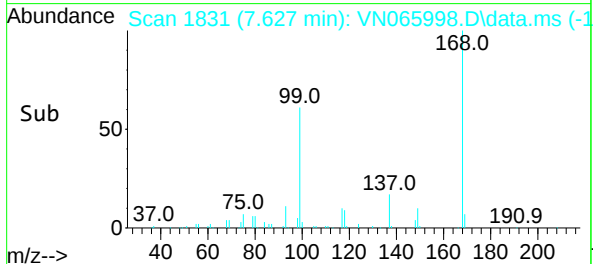


#38
Carbon Tetrachloride
Concen: 6.50 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

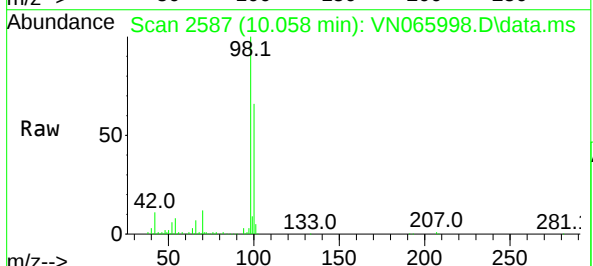
Instrument :
MSVOA_N
ClientSampled :



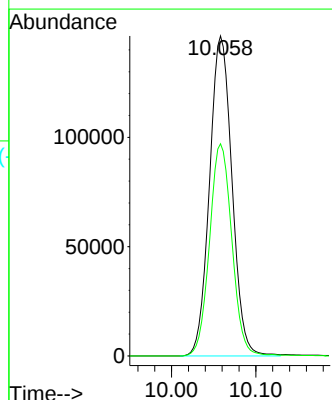
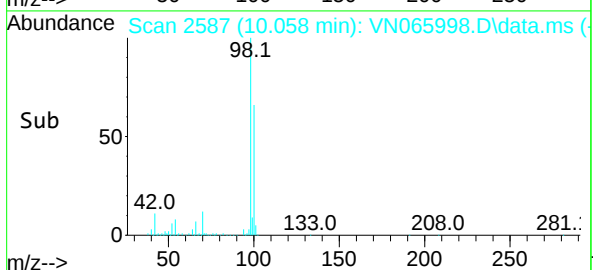
Tgt Ion:117 Resp: 13419
Ion Ratio Lower Upper
117 100
119 5.7 76.0 114.0#
121 0.0 24.5 36.7#

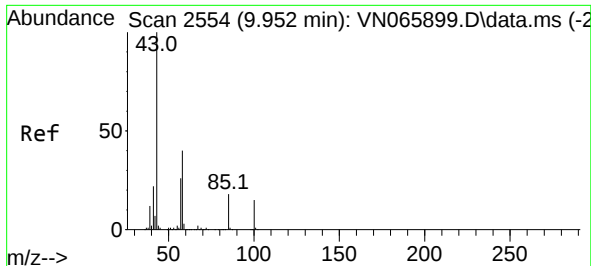


#50
Toluene-d8
Concen: 47.35 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55



Tgt Ion: 98 Resp: 271072
Ion Ratio Lower Upper
98 100
100 66.2 50.5 75.7

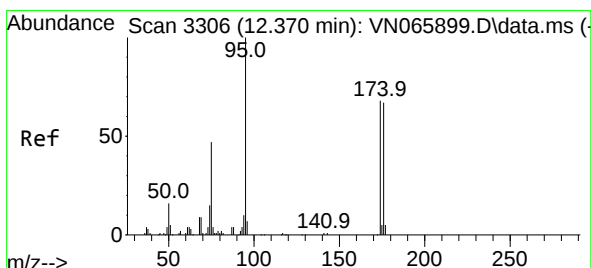
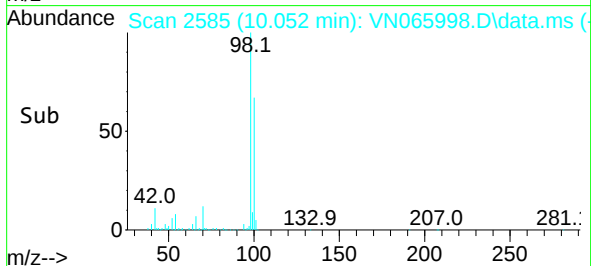
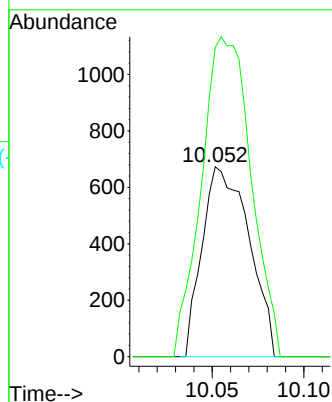
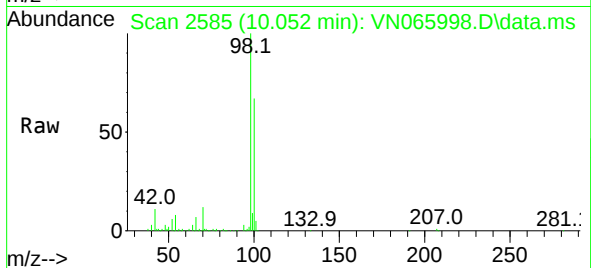




#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 10.052 min Scan# 2585
Delta R.T. 0.100 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

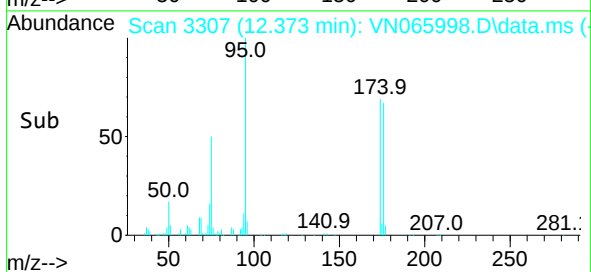
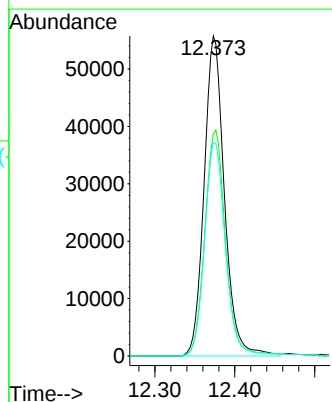
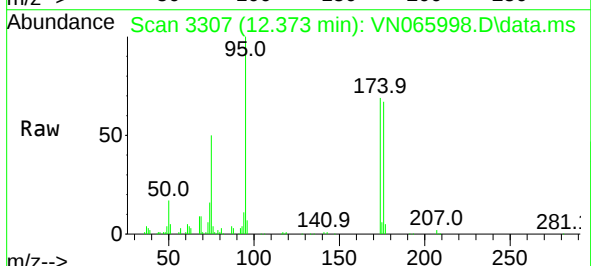
Instrument :
MSVOA_N
ClientSampled :

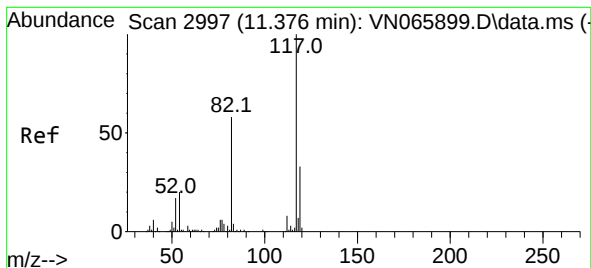
Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
58 178.6 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 45.83 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

Tgt Ion: 95 Resp: 98496
Ion Ratio Lower Upper
95 100
174 71.8 0.0 169.0
176 68.2 0.0 162.4

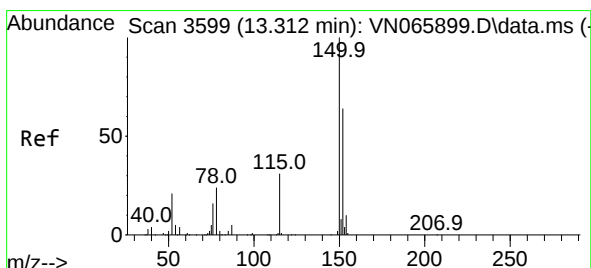
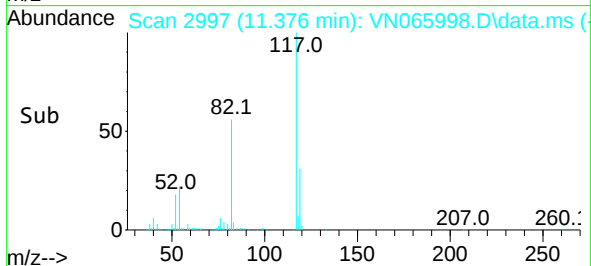
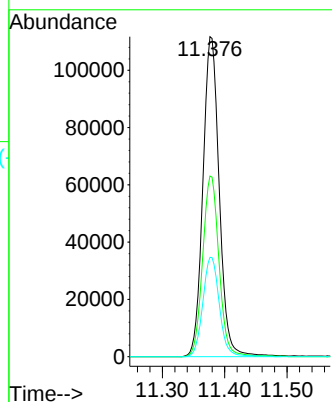
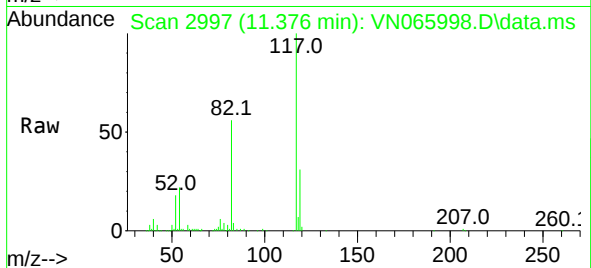




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

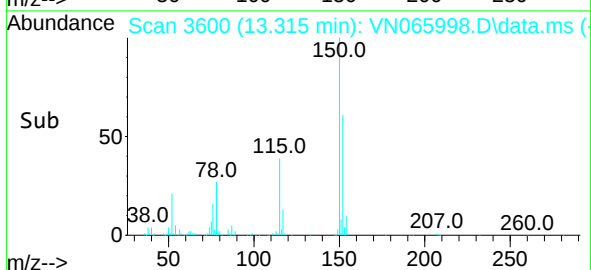
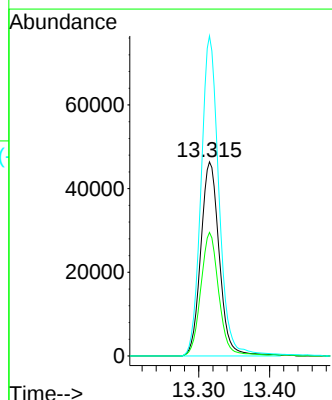
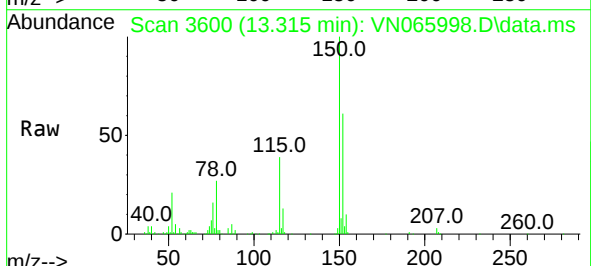
Instrument :
MSVOA_N
ClientSampleId :

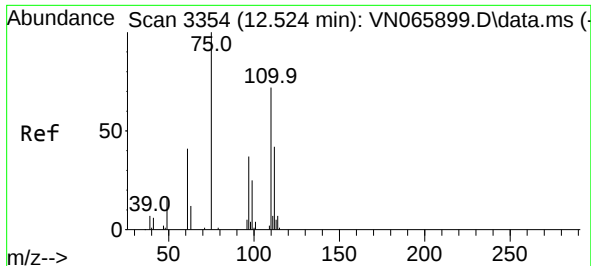
Tgt Ion:117 Resp: 203921
Ion Ratio Lower Upper
117 100
82 56.5 43.7 65.5
119 31.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

Tgt Ion:152 Resp: 84099
Ion Ratio Lower Upper
152 100
115 62.0 28.5 85.6
150 160.2 0.0 347.6

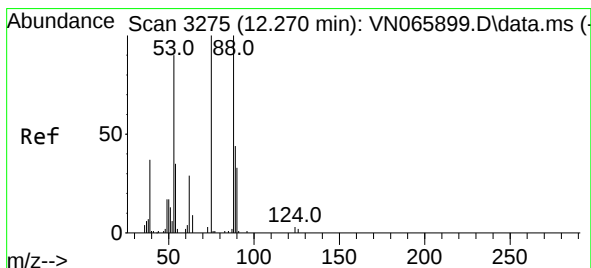
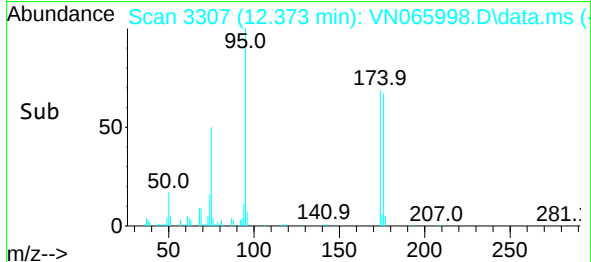
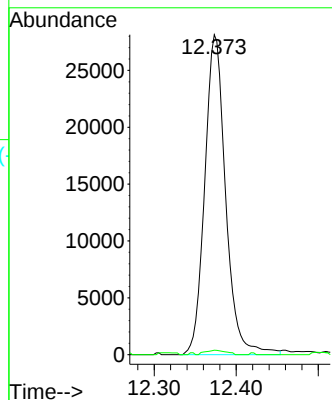
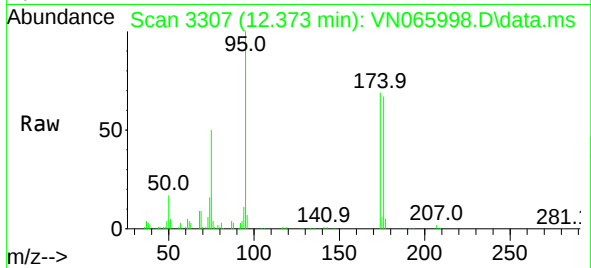




#76
1,2,3-Trichloropropane
Concen: 24.67 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

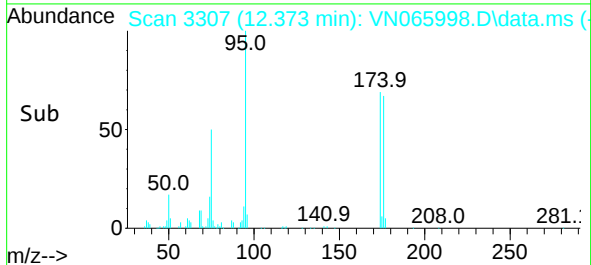
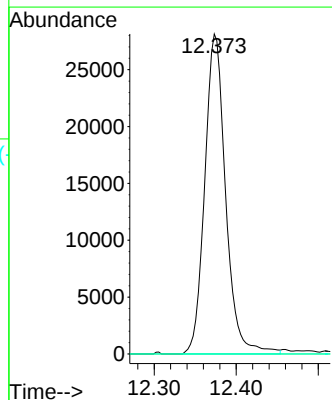
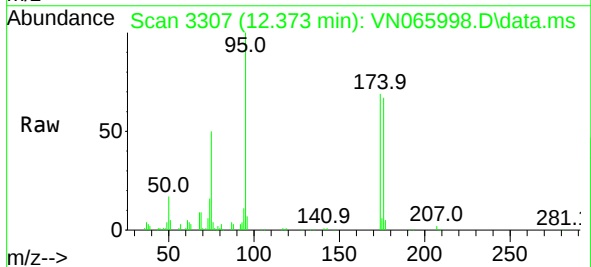
Instrument :
MSVOA_N
ClientSampled :

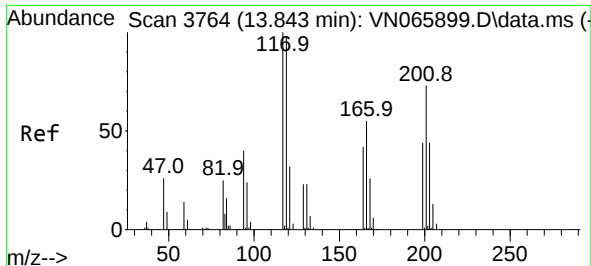
Tgt Ion: 75 Resp: 49832
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.61 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

Tgt Ion: 75 Resp: 49832
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

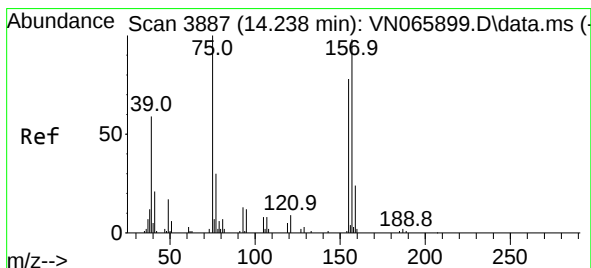
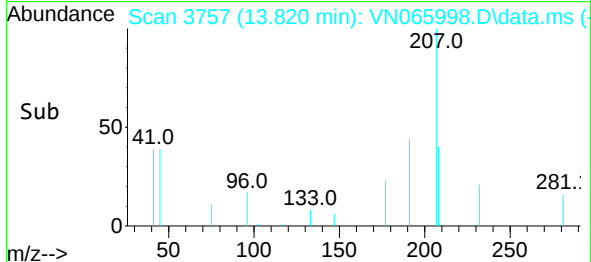
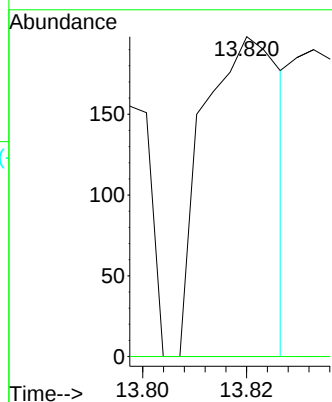
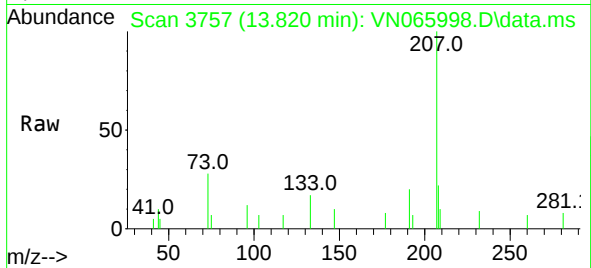




#90
Hexachloroethane
Concen: 0.21 ug/l
RT: 13.820 min Scan# 3757
Delta R.T. -0.023 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

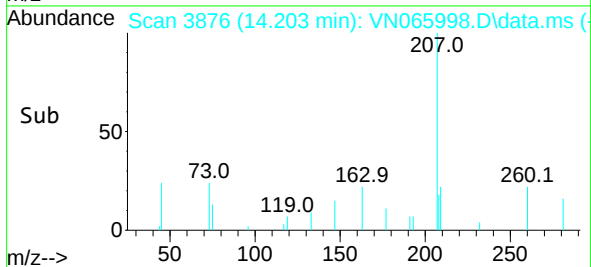
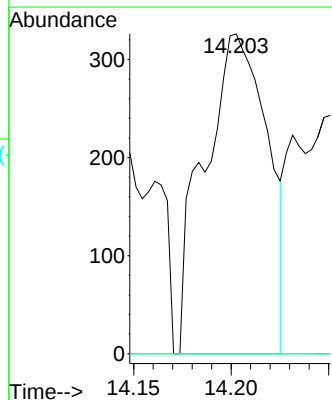
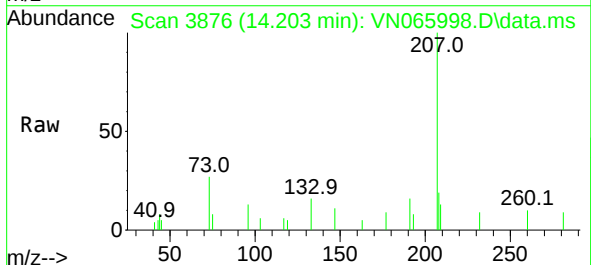
Instrument :
MSVOA_N
ClientSampleId :

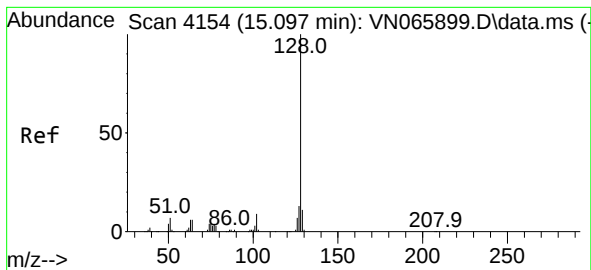
Tgt Ion:117 Resp: 203
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.66 ug/l
RT: 14.203 min Scan# 3876
Delta R.T. -0.035 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

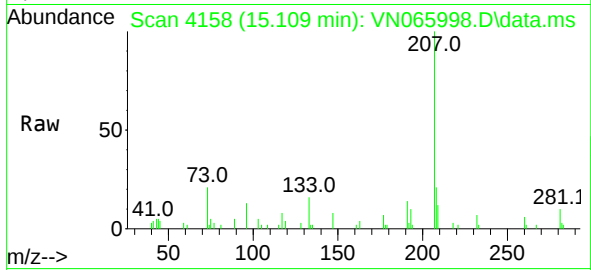
Tgt Ion: 75 Resp: 735
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 3.11 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.012 min
Lab File: VN065998.D
Acq: 24 Feb 2021 12:55

Instrument :
MSVOA_N
ClientSampleId :



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

