

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065944.D
 Acq On : 18 Feb 2021 16:33
 Operator : JC/MD
 Sample : M1418-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 19 00:17:33 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)

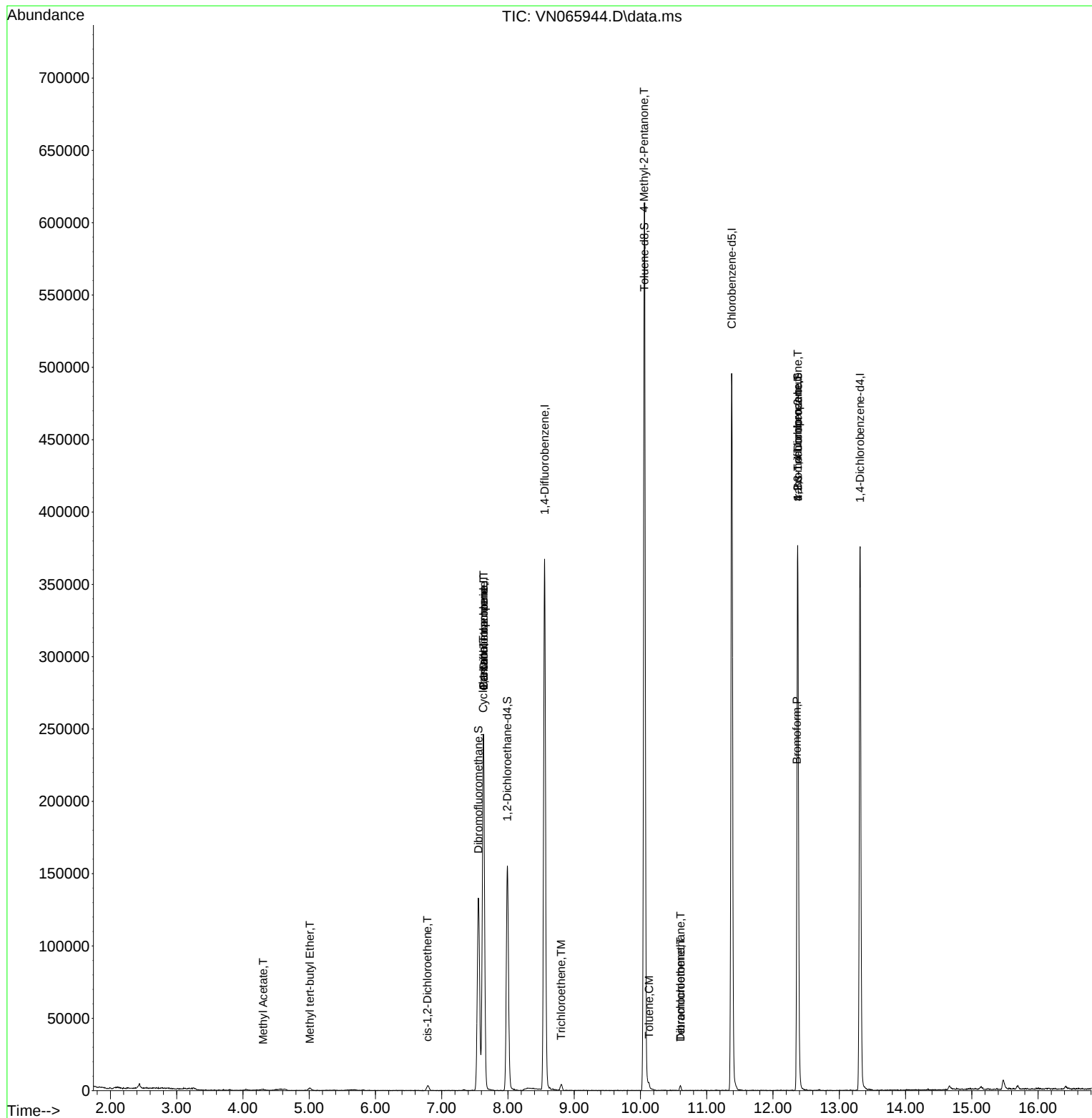
Internal Standards						
1) Pentafluorobenzene	7.630	168	199666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	337490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	301391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	109283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	140115	50.18	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.36%	
35) Dibromofluoromethane	7.553	113	108359	51.88	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.76%	
50) Toluene-d8	10.058	98	443970	51.78	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.56%	
62) 4-Bromofluorobenzene	12.373	95	149313	46.39	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.78%	
Target Compounds						
					Qvalue	
16) Acetone	3.804	43	734	Below Cal	#	41
18) Methyl Acetate	4.306	43	1165	0.50	ug/l #	51
19) Methyl tert-butyl Ether	5.010	73	3192	0.44	ug/l #	89
27) cis-1,2-Dichloroethene	6.785	96	2153	0.80	ug/l	94
31) Cyclohexane	7.624	56	3480	0.84	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	15820	4.75	ug/l #	46
38) Carbon Tetrachloride	7.630	117	19378	6.27	ug/l #	17
44) Trichloroethene	8.804	130	1696	0.67	ug/l	93
51) 4-Methyl-2-Pentanone	10.055	43	1879	0.64	ug/l #	1
52) Toluene	10.129	92	1848	0.29	ug/l	97
60) Dibromochloromethane	10.605	129	824	0.34	ug/l #	11
64) Tetrachloroethene	10.605	164	845	0.36	ug/l	93
71) Bromoform	12.360	173	92	2.55	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	70532	26.87	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	70532	85.62	ug/l #	12

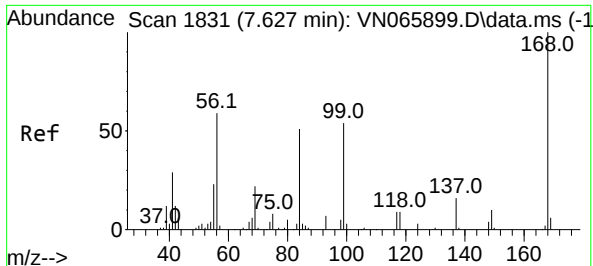
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

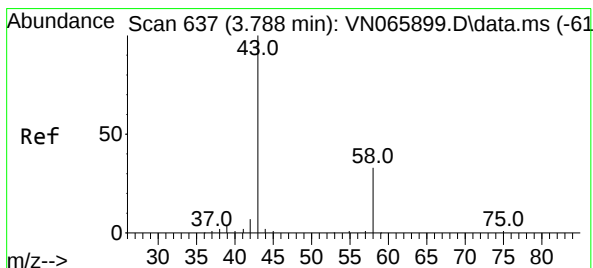
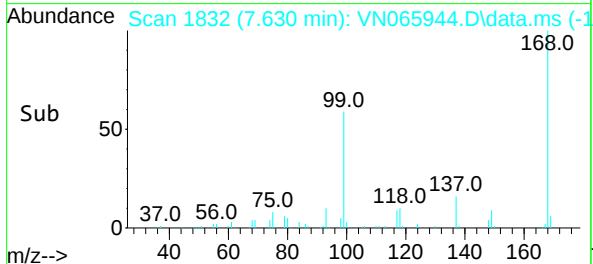
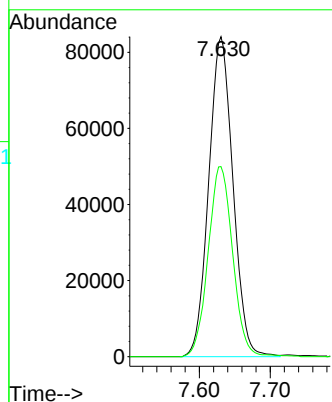
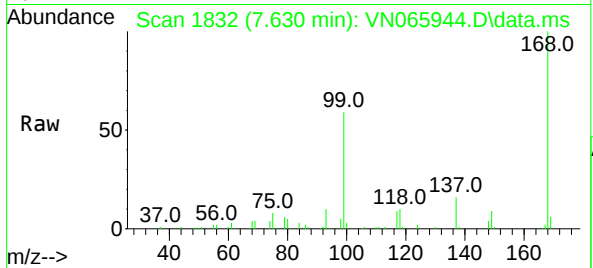




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

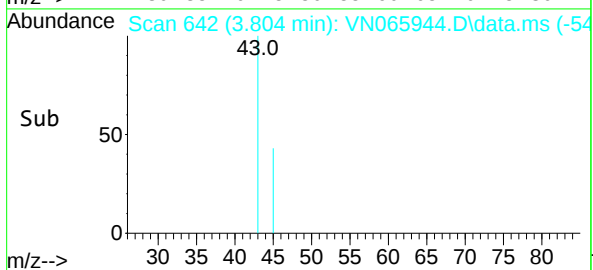
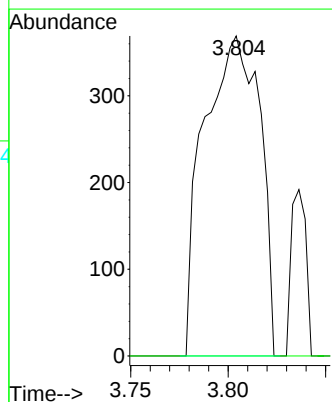
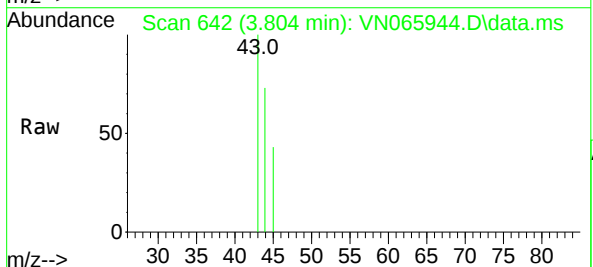
Instrument :
MSVOA_N
ClientSampled :

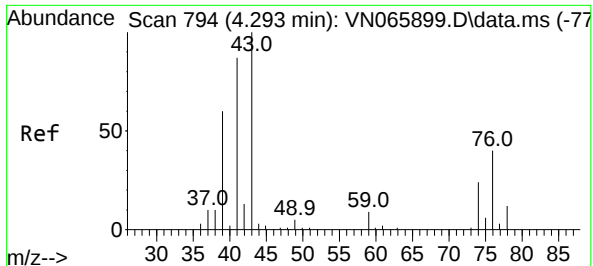
Tgt Ion:168 Resp: 199666
Ion Ratio Lower Upper
168 100
99 59.4 42.6 63.8



#16
Acetone
Concen: Below Cal
RT: 3.804 min Scan# 642
Delta R.T. 0.016 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

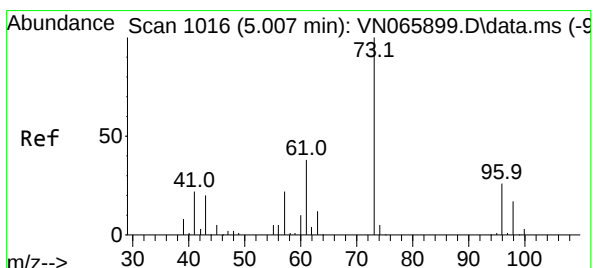
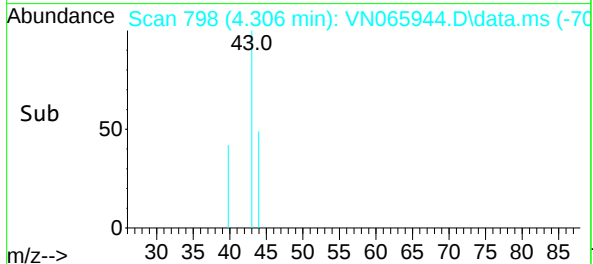
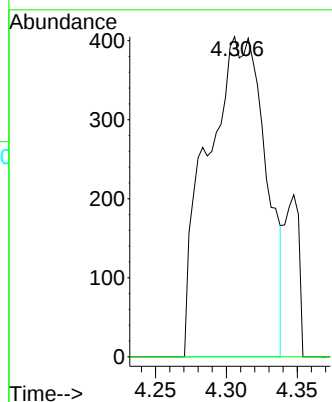
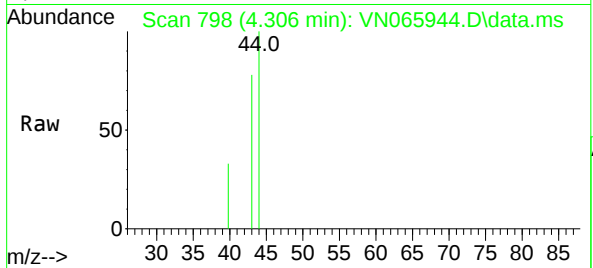




#18
Methyl Acetate
Concen: 0.50 ug/l
RT: 4.306 min Scan# 798
Delta R.T. 0.013 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

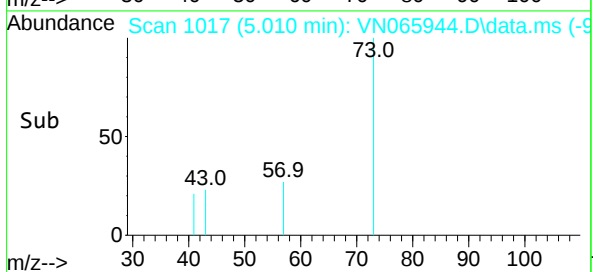
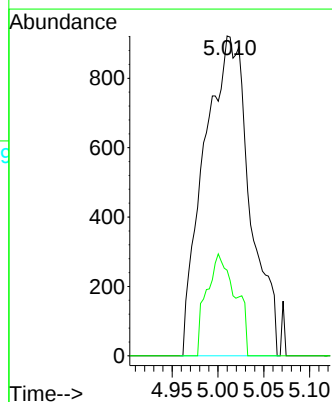
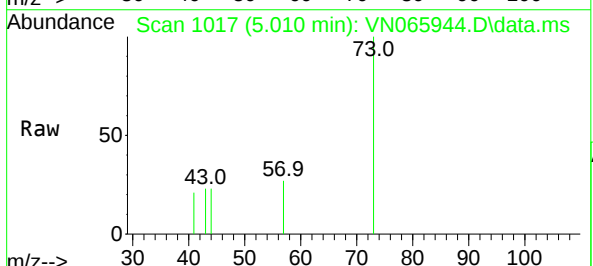
Instrument :
MSVOA_N
ClientSampled :

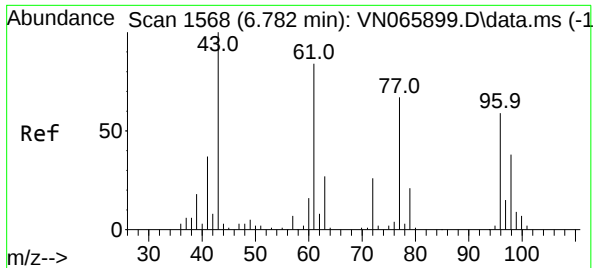
Tgt Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#19
Methyl tert-butyl Ether
Concen: 0.44 ug/l
RT: 5.010 min Scan# 1017
Delta R.T. 0.003 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

Tgt Ion: 73 Resp: 3192
Ion Ratio Lower Upper
73 100
57 26.8 17.3 25.9#

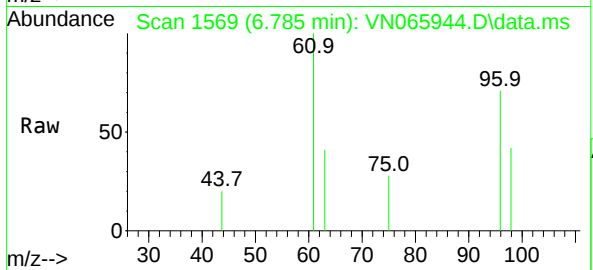




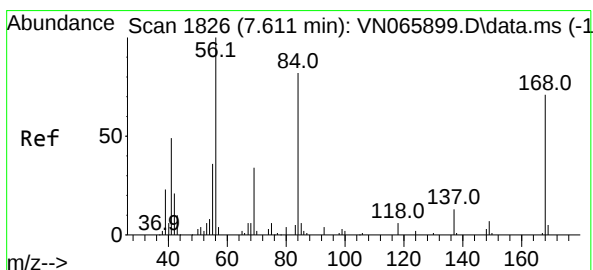
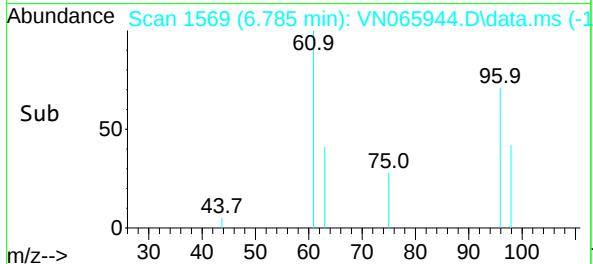
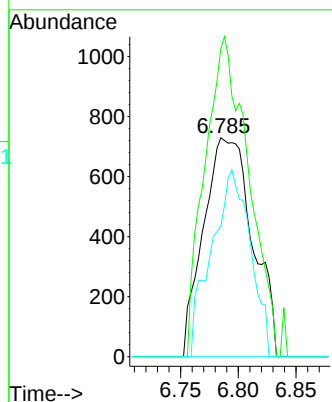
#27

cis-1,2-Dichloroethene
Concen: 0.80 ug/l
RT: 6.785 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

Instrument :
MSVOA_N
ClientSampled :

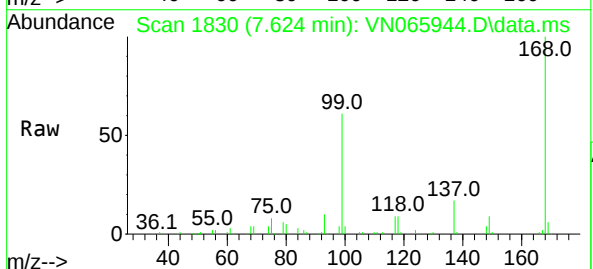


Tgt Ion:	96	Resp:	2153
Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	276.8
98	67.7	0.0	129.4

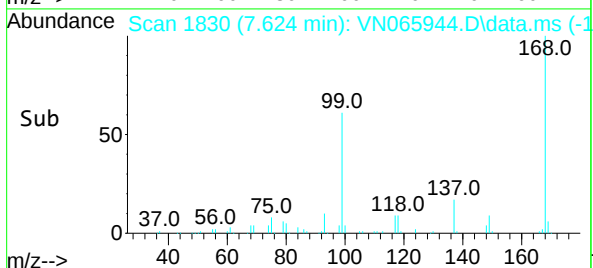
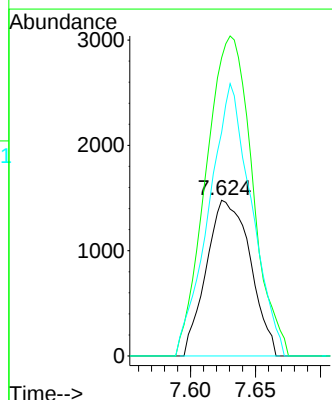


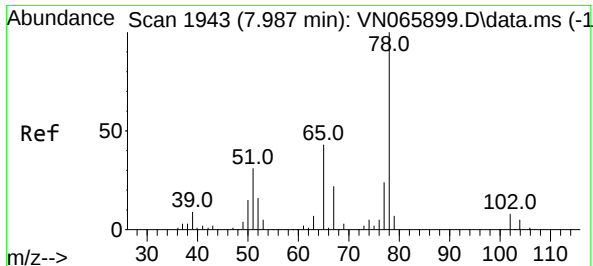
#31

Cyclohexane
Concen: 0.84 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33



Tgt Ion:	56	Resp:	3480
Ion	Ratio	Lower	Upper
56	100		
69	179.9	26.6	39.8#
84	131.9	70.4	105.6#

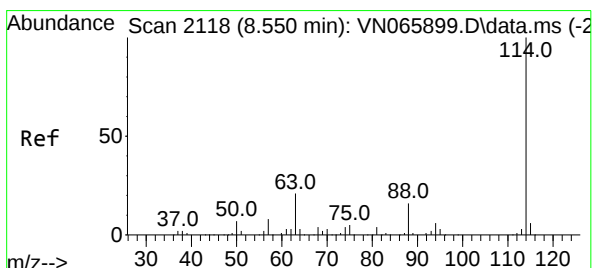
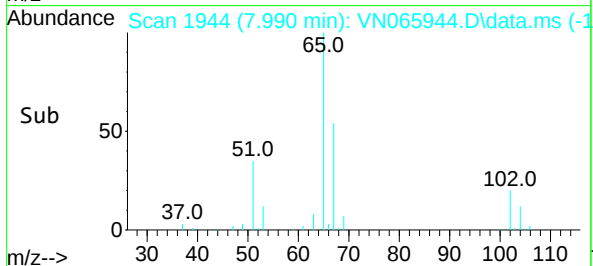
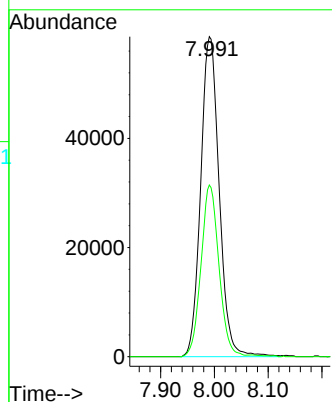
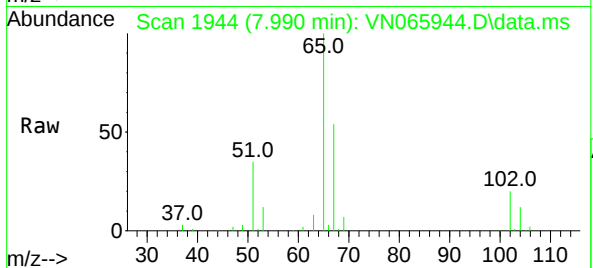




#33
1,2-Dichloroethane-d4
Concen: 50.18 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. 0.003 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

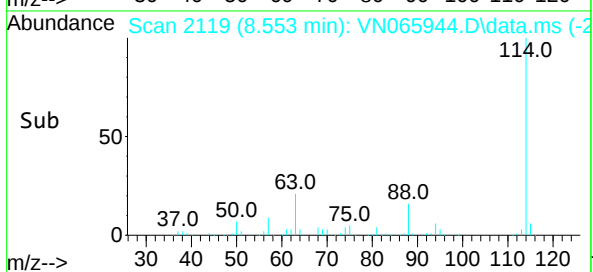
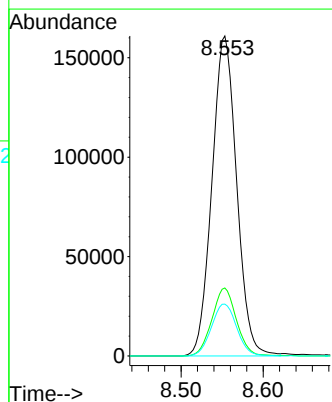
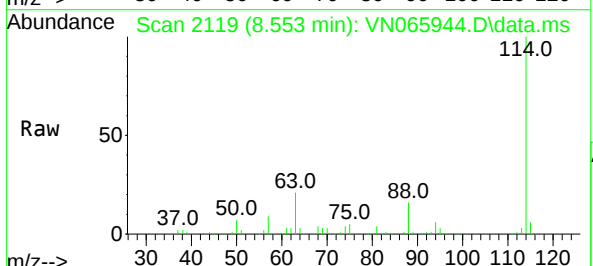
Instrument :
MSVOA_N
ClientSampled :

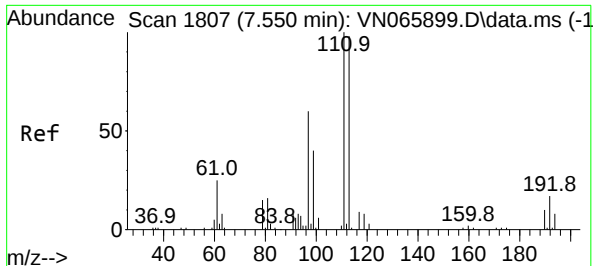
Tgt Ion: 65 Resp: 140115
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

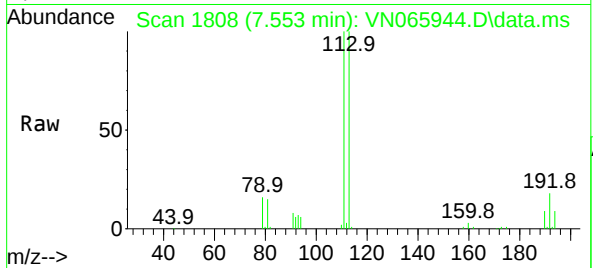
Tgt Ion: 114 Resp: 337490
Ion Ratio Lower Upper
114 100
63 21.2 0.0 38.6
88 16.2 0.0 30.6



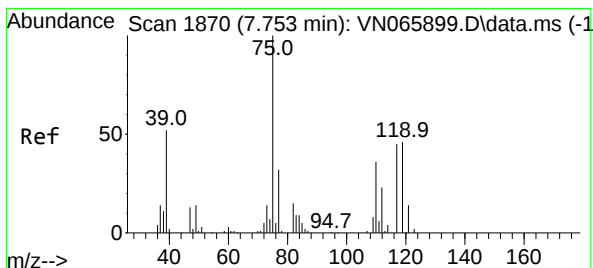
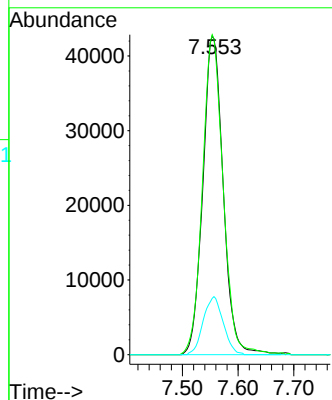
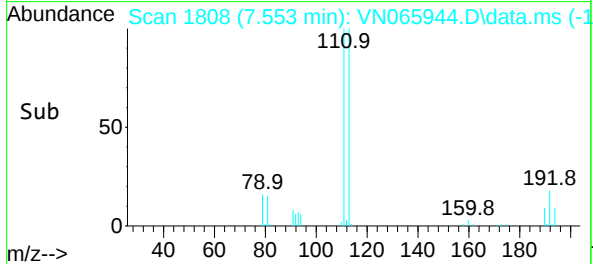


#35
Dibromofluoromethane
Concen: 51.88 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

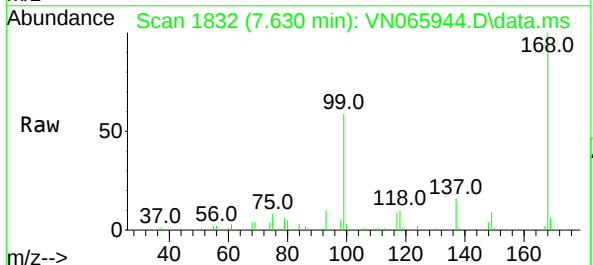
Instrument :
MSVOA_N
ClientSampled :



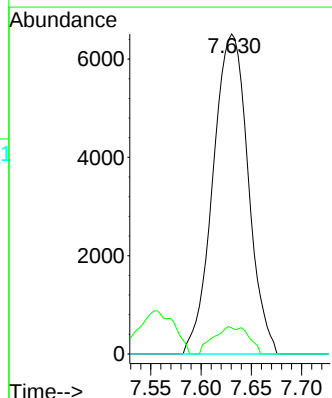
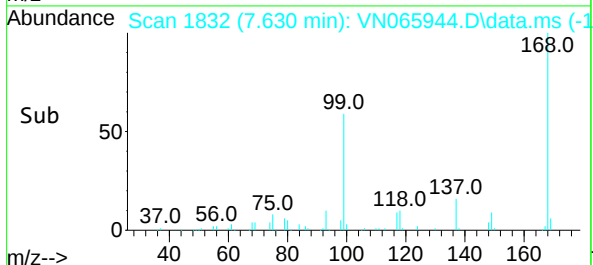
Tgt Ion:113 Resp: 108359
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 17.9 15.4 23.0

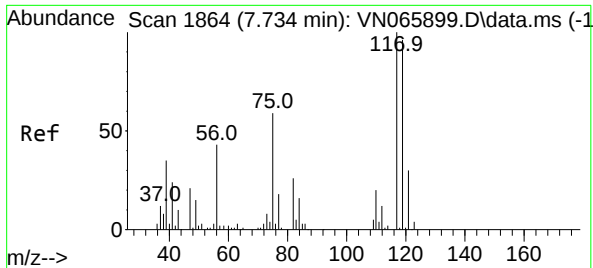


#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33



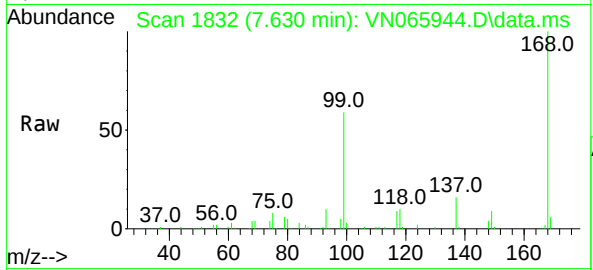
Tgt Ion: 75 Resp: 15820
Ion Ratio Lower Upper
75 100
110 5.3 18.2 54.6#
77 0.0 24.9 37.3#



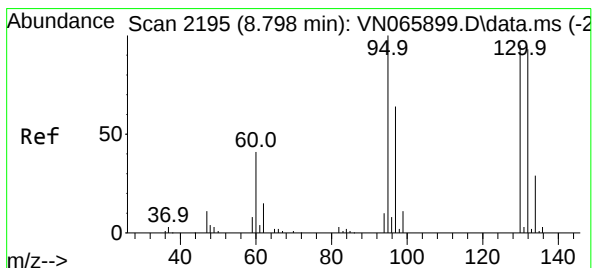
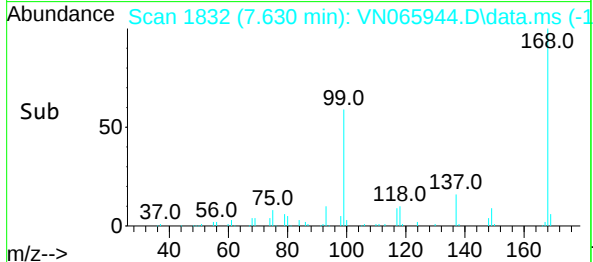
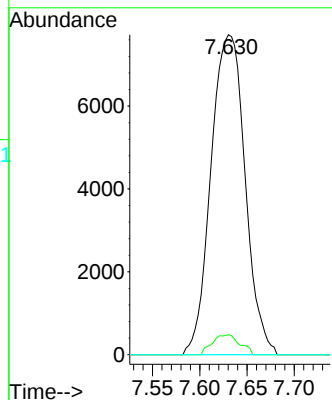


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.104 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

Instrument :
MSVOA_N
ClientSampled :

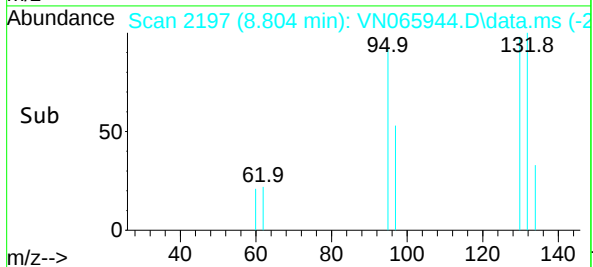
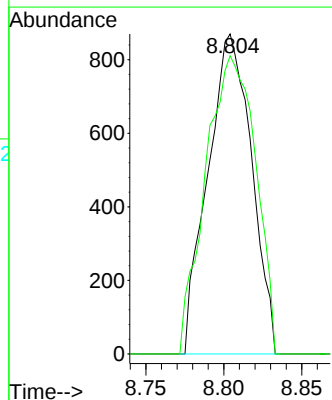
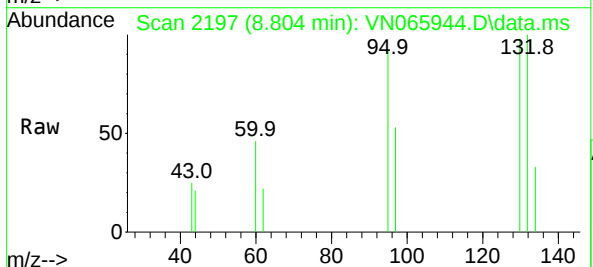


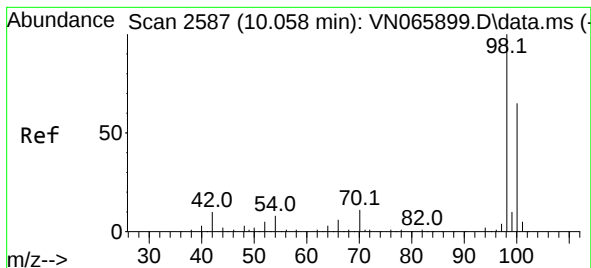
Tgt Ion:117 Resp: 19378
Ion Ratio Lower Upper
117 100
119 6.2 76.0 114.0#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.67 ug/l
RT: 8.804 min Scan# 2197
Delta R.T. 0.006 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

Tgt Ion:130 Resp: 1696
Ion Ratio Lower Upper
130 100
95 93.2 0.0 199.6

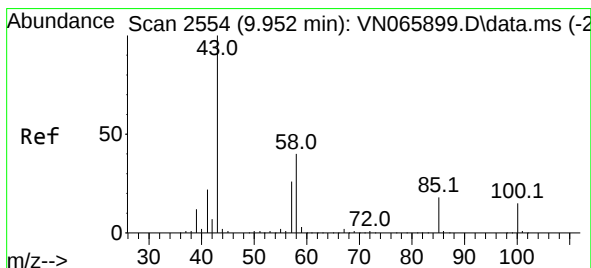
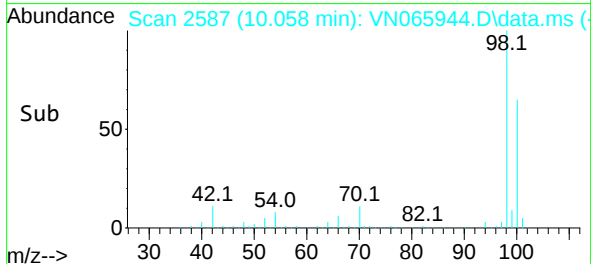
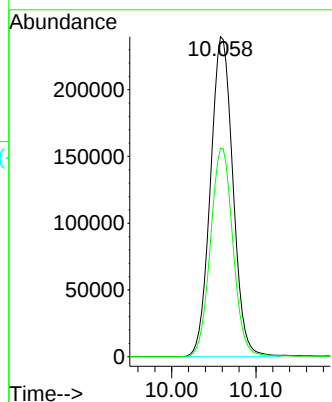
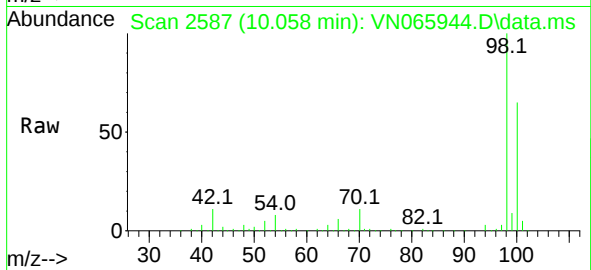




#50
Toluene-d8
Concen: 51.78 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

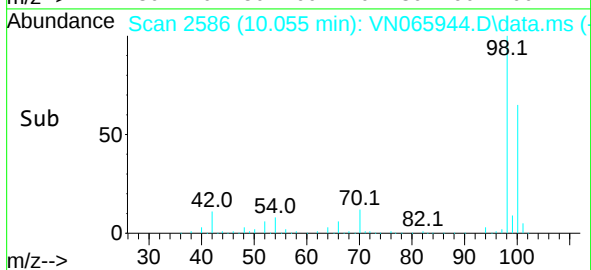
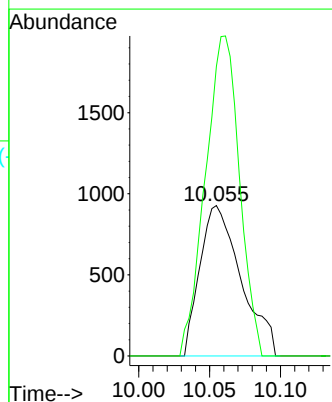
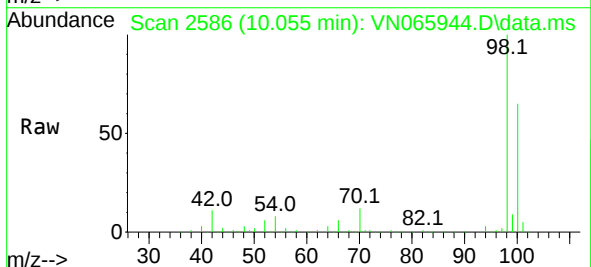
Instrument :
MSVOA_N
ClientSampled :

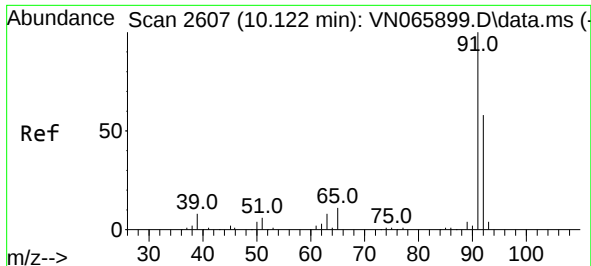
Tgt Ion: 98 Resp: 443970
Ion Ratio Lower Upper
98 100
100 65.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

Tgt Ion: 43 Resp: 1879
Ion Ratio Lower Upper
43 100
58 175.9 32.5 48.7#

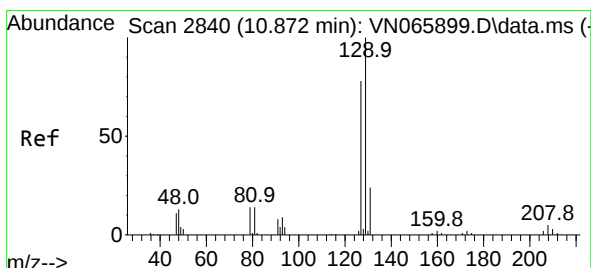
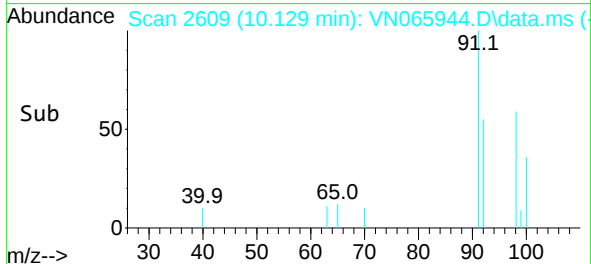
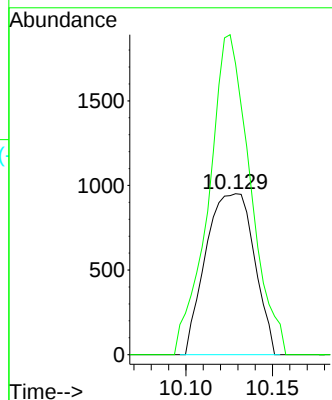
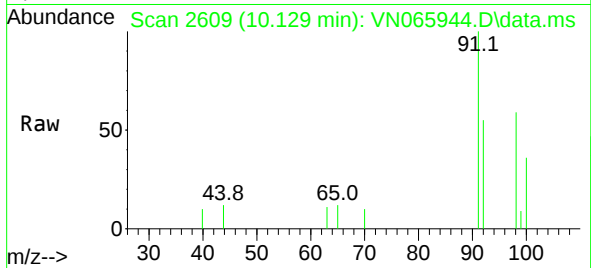




#52
Toluene
Concen: 0.29 ug/l
RT: 10.129 min Scan# 2609
Delta R.T. 0.007 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

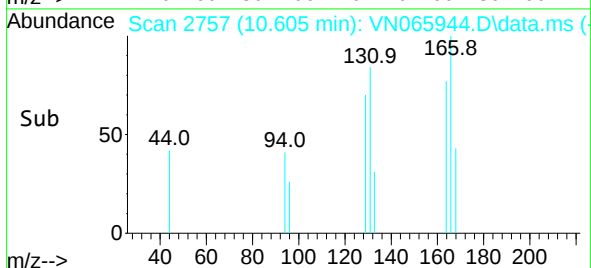
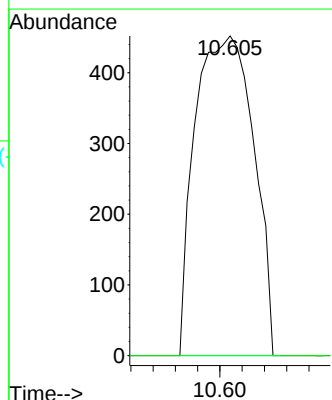
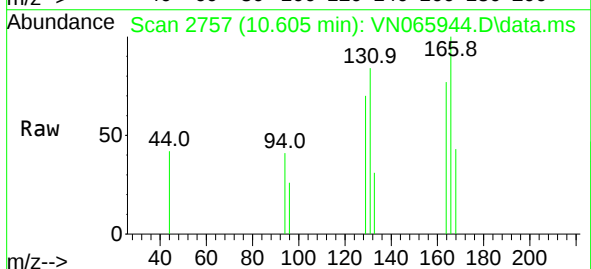
Instrument :
MSVOA_N
ClientSampled :

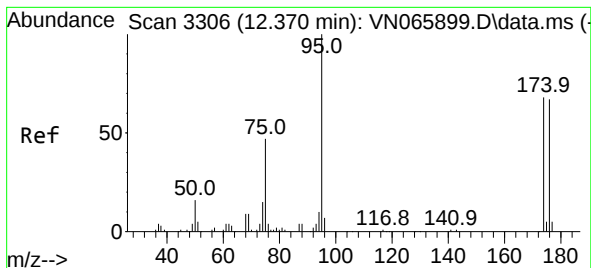
Tgt Ion: 92 Resp: 1848
Ion Ratio Lower Upper
92 100
91 171.1 140.7 211.1



#60
Dibromochloromethane
Concen: 0.34 ug/l
RT: 10.605 min Scan# 2757
Delta R.T. -0.267 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

Tgt Ion: 129 Resp: 824
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

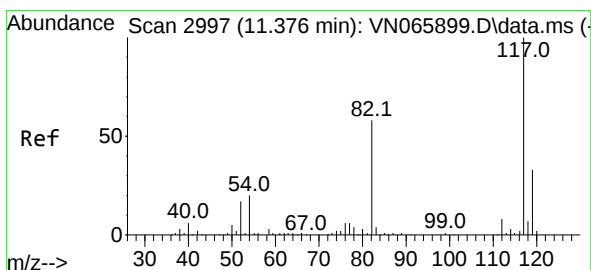
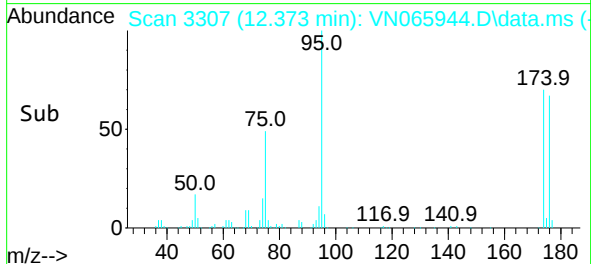
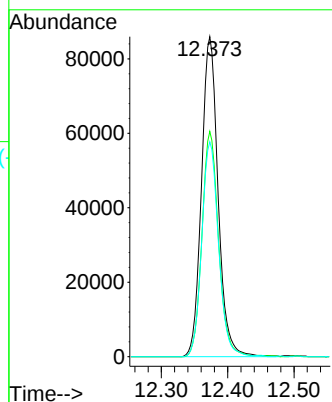
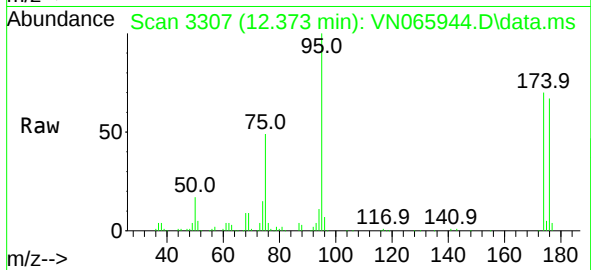




#62
4-Bromofluorobenzene
Concen: 46.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

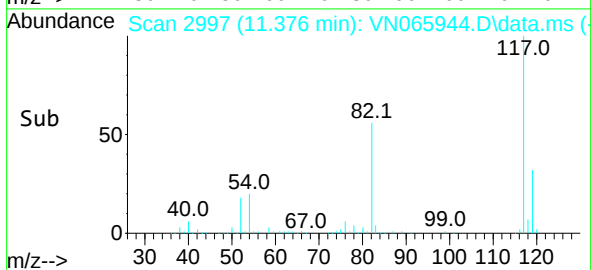
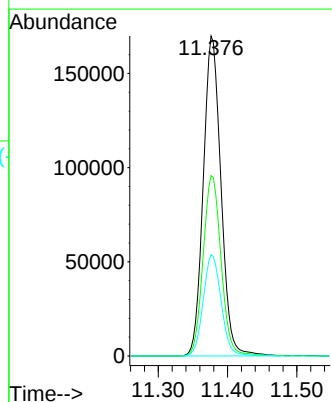
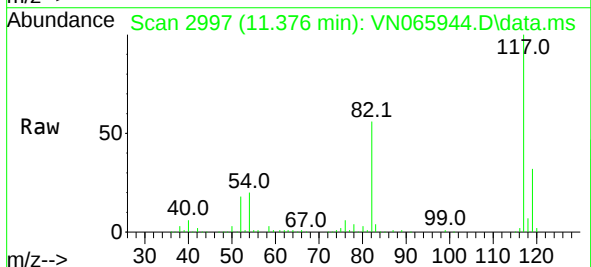
Instrument :
MSVOA_N
ClientSampled :

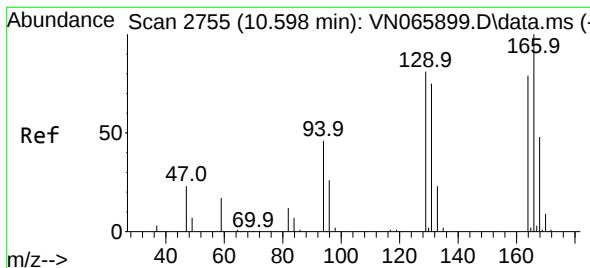
Tgt Ion: 95 Resp: 149313
Ion Ratio Lower Upper
95 100
174 70.1 0.0 169.0
176 67.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

Tgt Ion: 117 Resp: 301391
Ion Ratio Lower Upper
117 100
82 56.4 43.7 65.5
119 31.7 26.1 39.1





#64

Tetrachloroethene

Concen: 0.36 ug/l

RT: 10.605 min Scan# 2757

Delta R.T. 0.007 min

Lab File: VN065944.D

Acq: 18 Feb 2021 16:33

Tgt Ion:164 Resp: 845

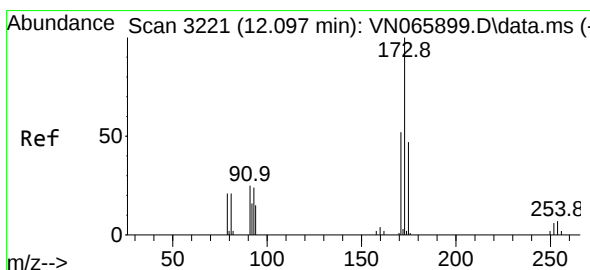
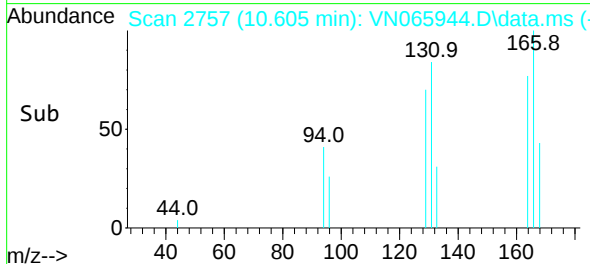
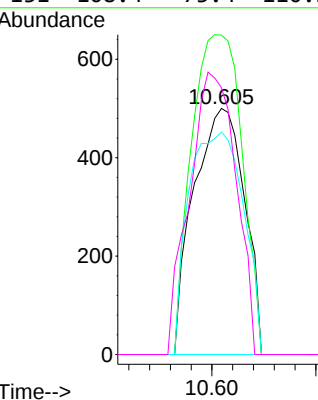
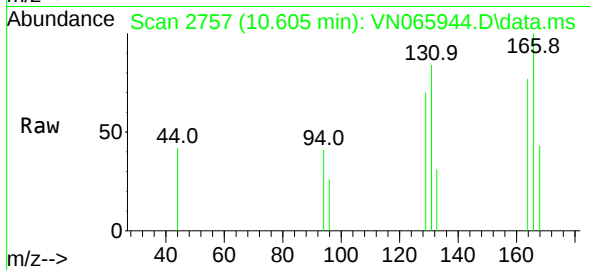
Ion Ratio Lower Upper

164 100

166 129.8 102.6 154.0

129 90.4 76.2 114.4

131 108.4 73.4 110.2



#71

Bromoform

Concen: 2.55 ug/l

RT: 12.360 min Scan# 3303

Delta R.T. 0.263 min

Lab File: VN065944.D

Acq: 18 Feb 2021 16:33

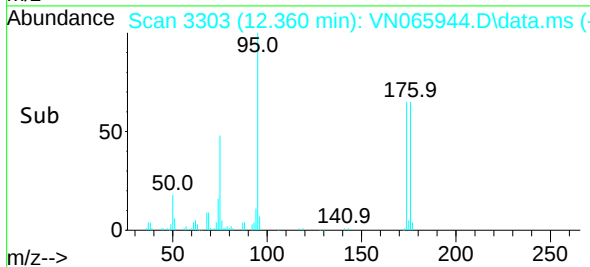
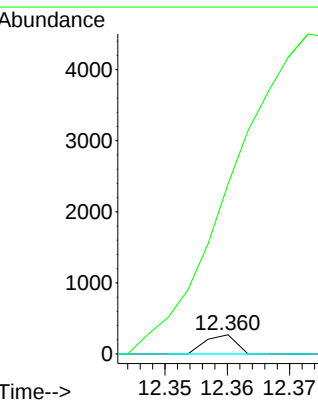
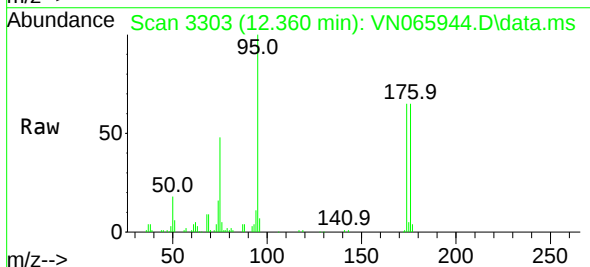
Tgt Ion:173 Resp: 92

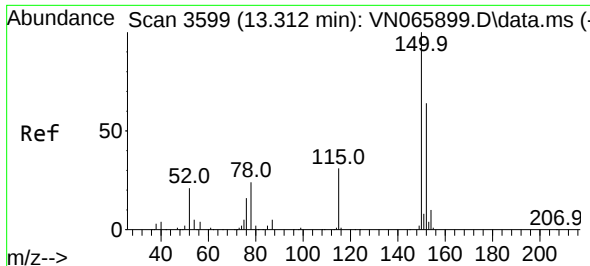
Ion Ratio Lower Upper

173 100

175 6898.9 23.8 71.2#

254 0.0 0.0 0.0

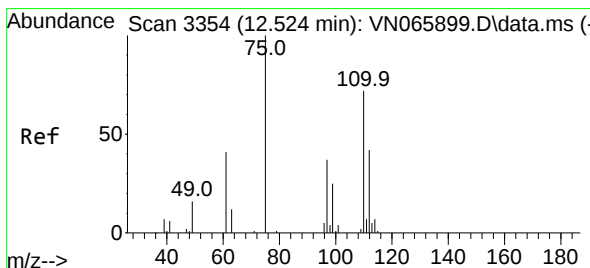
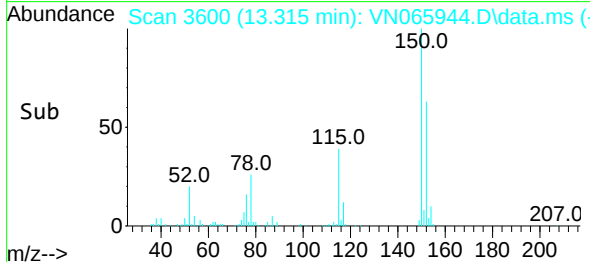
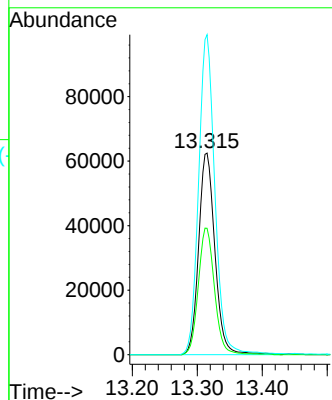
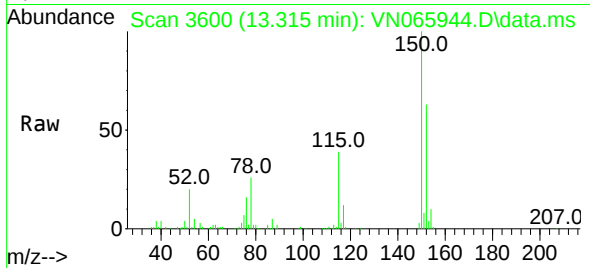




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

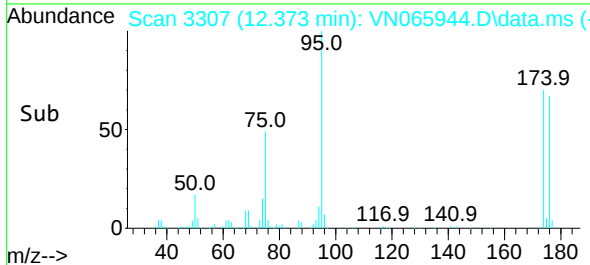
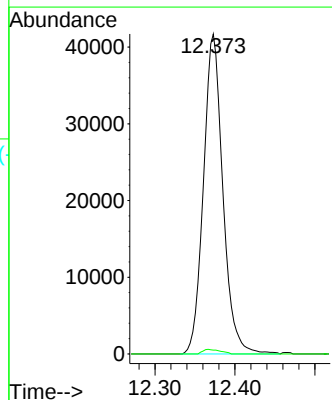
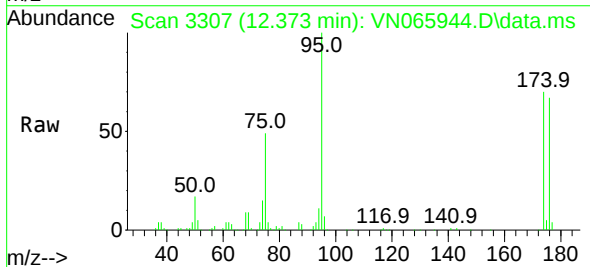
Instrument :
MSVOA_N
ClientSampled :

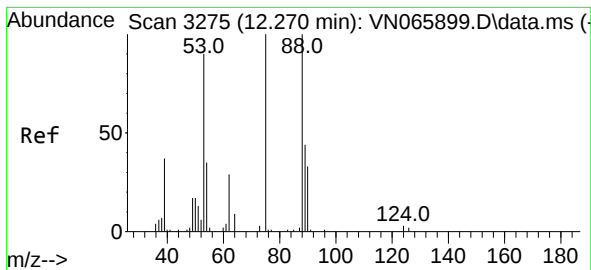
Tgt Ion:152 Resp: 109283
Ion Ratio Lower Upper
152 100
115 62.0 28.5 85.6
150 158.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 26.87 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065944.D
Acq: 18 Feb 2021 16:33

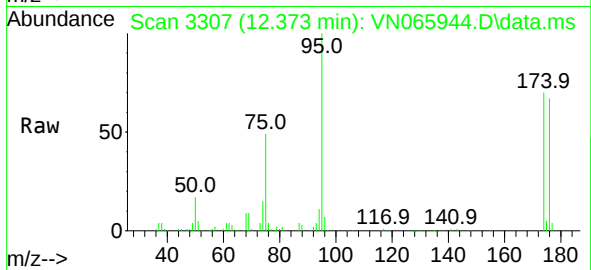
Tgt Ion: 75 Resp: 70532
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.62 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065944.D
 Acq: 18 Feb 2021 16:33

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 70532
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

