

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022221\
 Data File : VN065963.D
 Acq On : 22 Feb 2021 16:32
 Operator : JC/MD
 Sample : M1418-04DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 23 00:09:51 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)

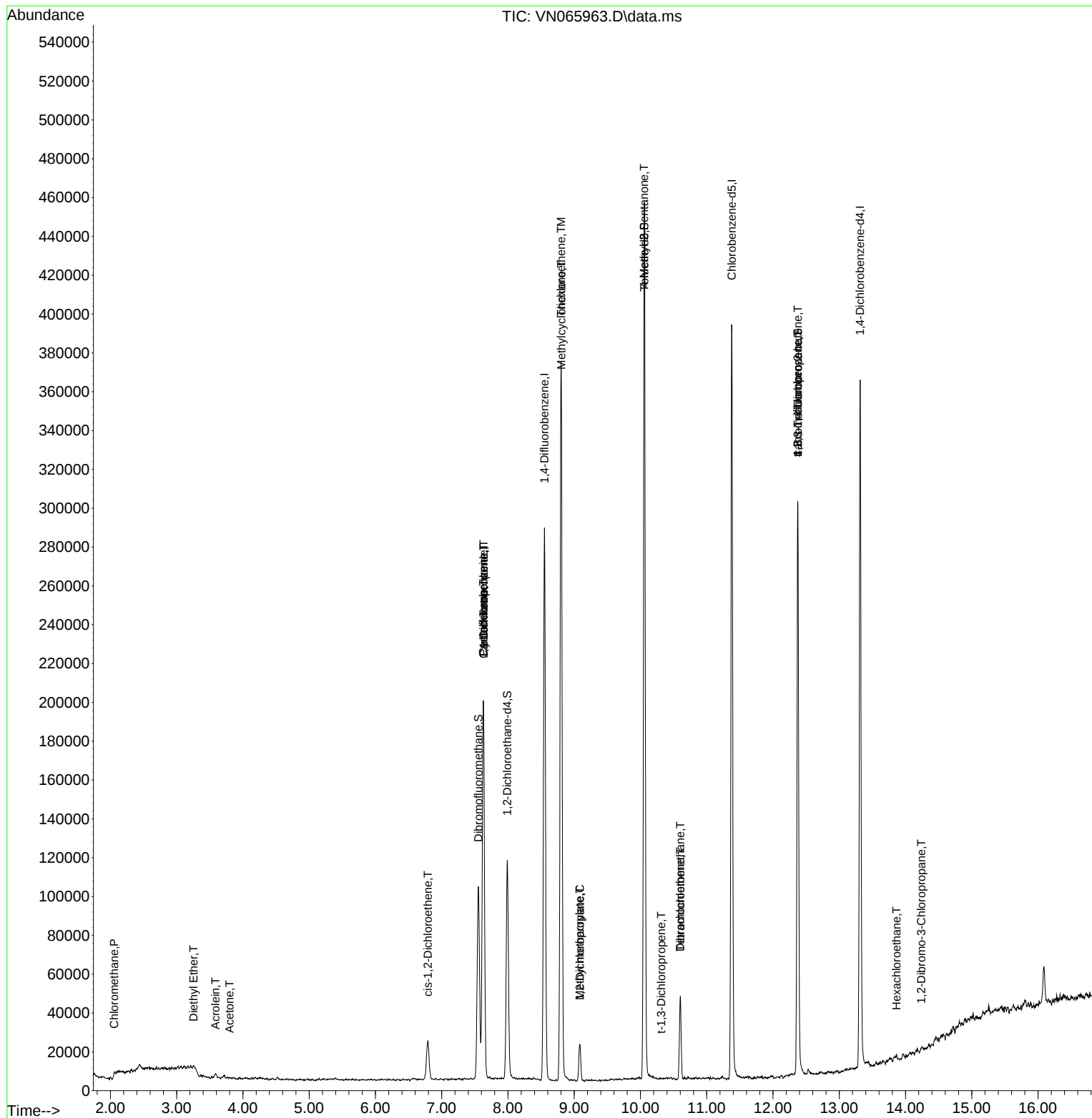
Internal Standards						
1) Pentafluorobenzene	7.627	168	159285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	263117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	239142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	102338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	101933	45.76	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.52%		
35) Dibromofluoromethane	7.553	113	78880	48.44	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.88%		
50) Toluene-d8	10.058	98	318980	47.72	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.44%		
62) 4-Bromofluorobenzene	12.373	95	118314	47.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.30%		
Target Compounds						Qvalue
3) Chloromethane	2.055	50	1335	0.51	ug/l #	87
8) Diethyl Ether	3.254	74	371	0.32	ug/l #	3
13) Acrolein	3.586	56	2451	8.65	ug/l	94
16) Acetone	3.798	43	2127	1.45	ug/l #	41
27) cis-1,2-Dichloroethene	6.791	96	13716	6.40	ug/l	90
31) Cyclohexane	7.627	56	3045	0.92	ug/l #	1
36) 1,1-Dichloropropene	7.631	75	12645	4.87	ug/l #	47
38) Carbon Tetrachloride	7.631	117	15476	6.42	ug/l #	17
39) Methylcyclohexane	8.807	83	1797	0.62	ug/l #	1
44) Trichloroethene	8.801	130	144450	73.38	ug/l	100
45) 1,2-Dichloropropane	9.087	63	8037	3.94	ug/l	95
48) Methyl methacrylate	9.084	41	4127	2.18	ug/l #	30
51) 4-Methyl-2-Pentanone	10.052	43	1481	0.65	ug/l #	1
53) t-1,3-Dichloropropene	10.315	75	141	2.02	ug/l #	42
60) Dibromochloromethane	10.601	129	9270	4.96	ug/l #	11
64) Tetrachloroethene	10.601	164	10093	5.47	ug/l	93
76) 1,2,3-Trichloropropane	12.373	75	57501	23.39	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	57501	74.54	ug/l #	12
90) Hexachloroethane	13.865	117	299	0.26	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.238	75	239	1.33	ug/l #	1

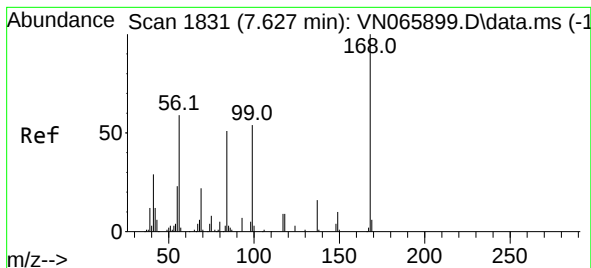
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Quant Title : SW846 8260
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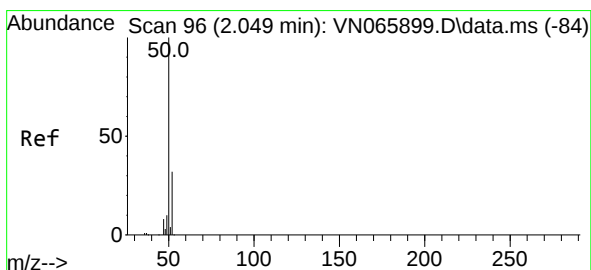
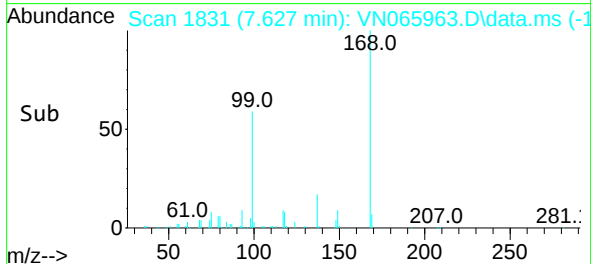
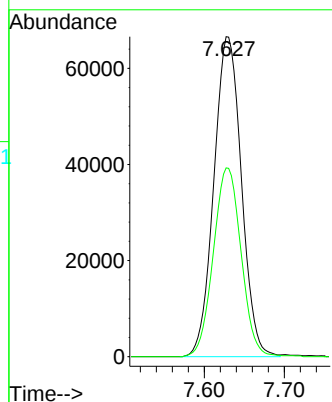
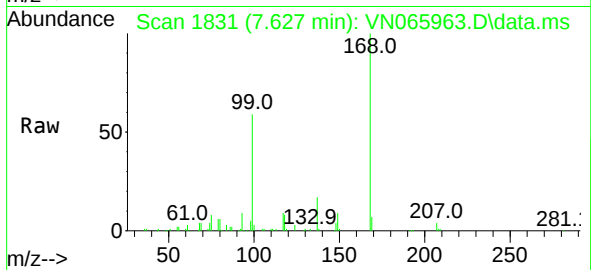


#1

Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

Instrument :
MSVOA_N
ClientSampled :

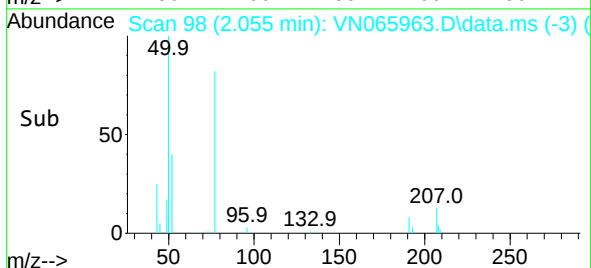
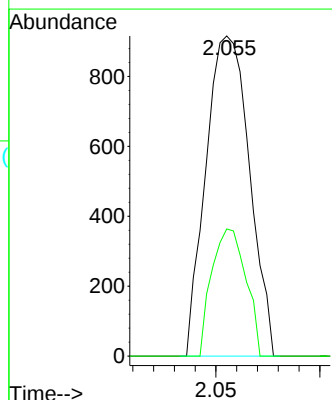
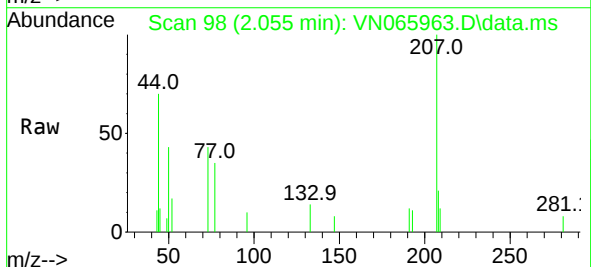
Tgt Ion:168 Resp: 159285
Ion Ratio Lower Upper
168 100
99 59.0 42.6 63.8

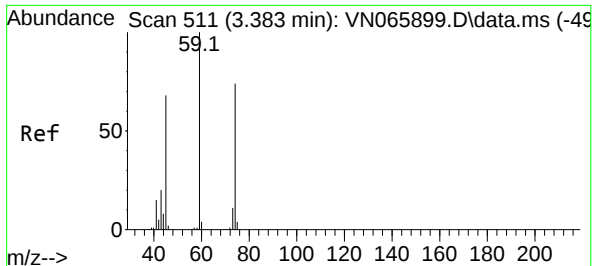


#3

Chloromethane
Concen: 0.51 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

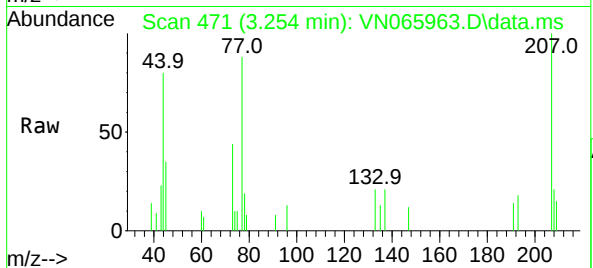
Tgt Ion: 50 Resp: 1335
Ion Ratio Lower Upper
50 100
52 39.7 25.8 38.8#



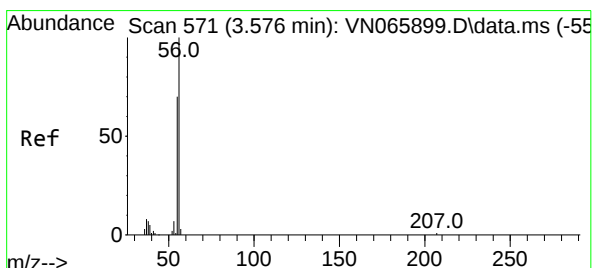
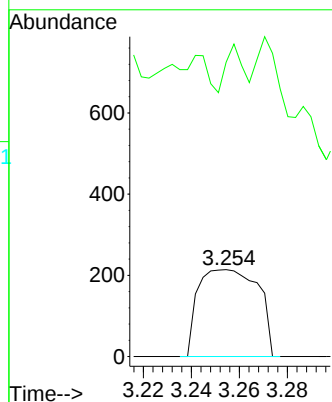
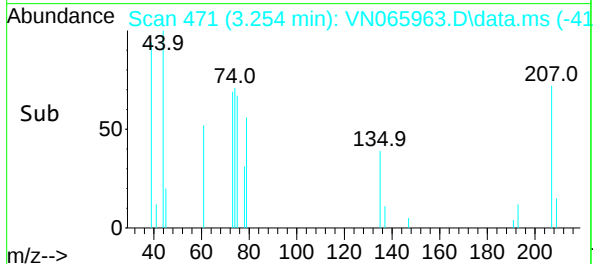


#8
Diethyl Ether
Concen: 0.32 ug/l
RT: 3.254 min Scan# 471
Delta R.T. -0.129 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

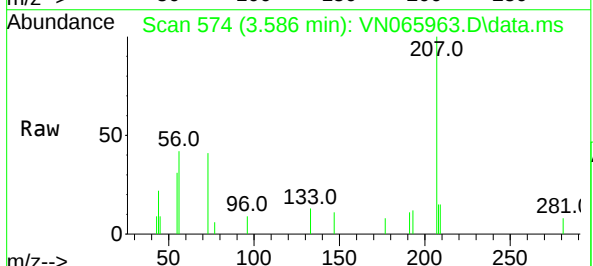
Instrument :
MSVOA_N
ClientSampleId :



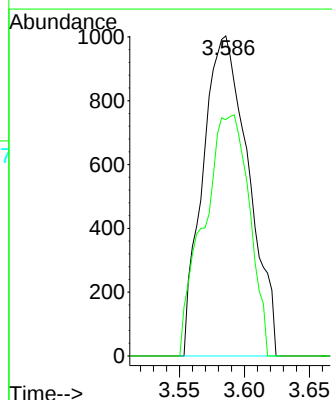
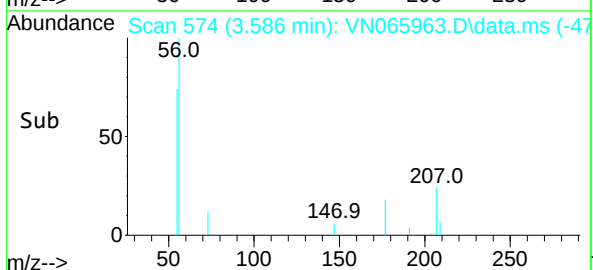
Tgt Ion: 74 Resp: 371
Ion Ratio Lower Upper
74 100
45 0.0 46.4 139.1#

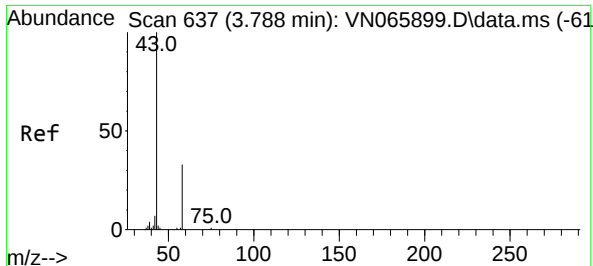


#13
Acrolein
Concen: 8.65 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32



Tgt Ion: 56 Resp: 2451
Ion Ratio Lower Upper
56 100
55 75.2 56.0 84.0

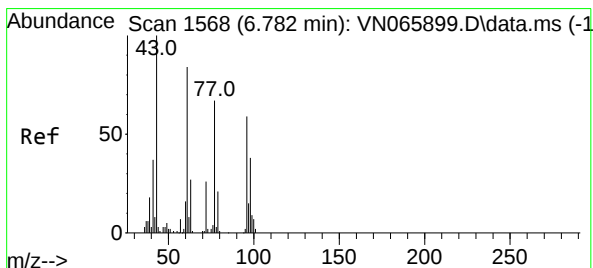
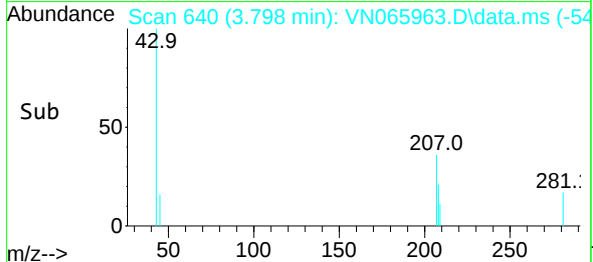
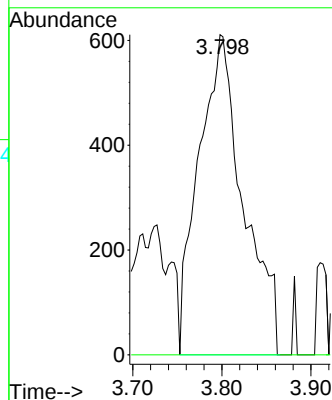
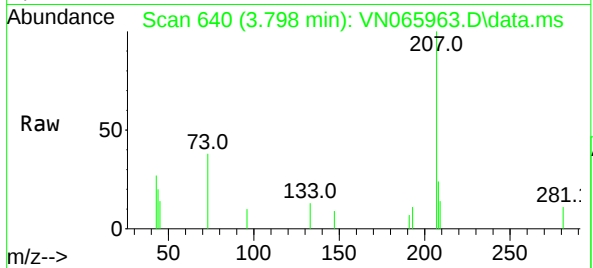




#16
Acetone
Concen: 1.45 ug/l
RT: 3.798 min Scan# 640
Delta R.T. 0.010 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

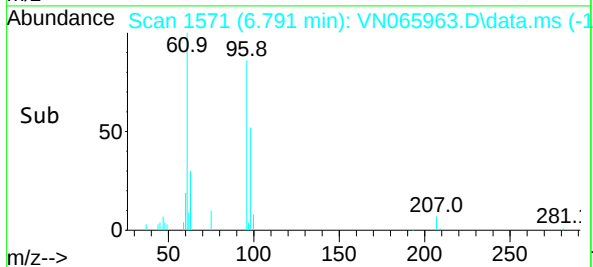
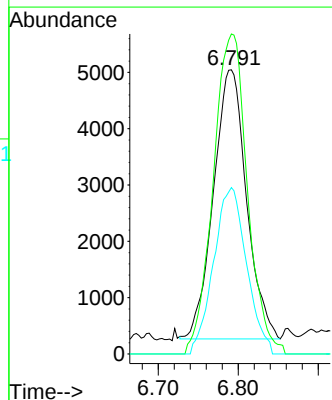
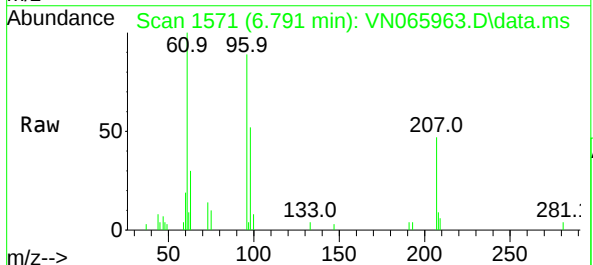
Instrument :
MSVOA_N
ClientSampleId :

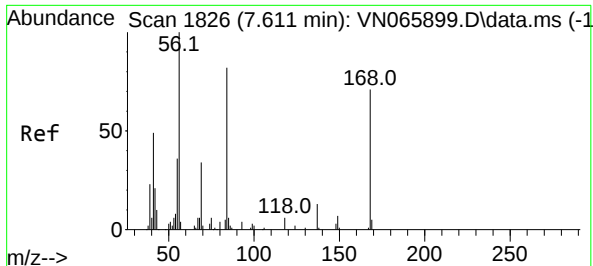
Tgt Ion: 43 Resp: 2127
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#27
cis-1,2-Dichloroethene
Concen: 6.40 ug/l
RT: 6.791 min Scan# 1571
Delta R.T. 0.009 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

Tgt Ion: 96 Resp: 13716
Ion Ratio Lower Upper
96 100
61 122.9 0.0 276.8
98 61.6 0.0 129.4

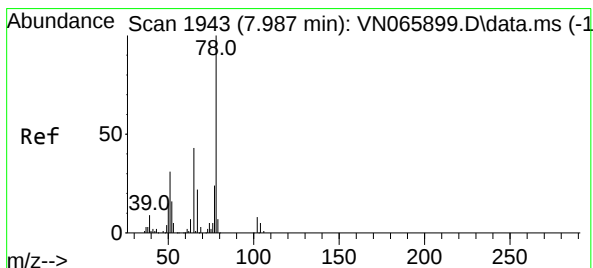
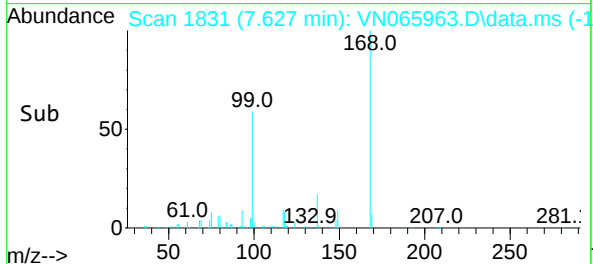
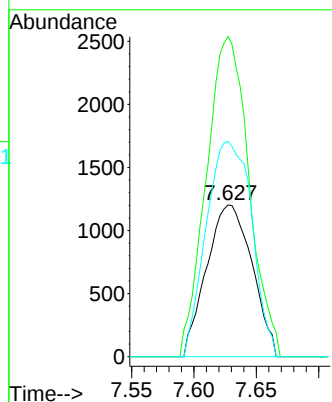
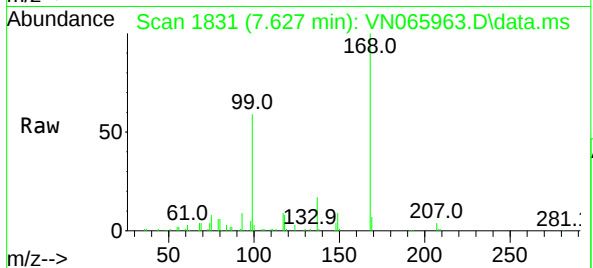




#31
Cyclohexane
Concen: 0.92 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

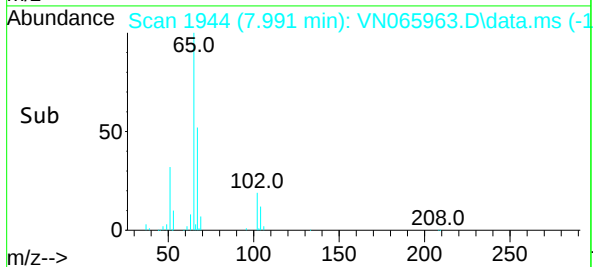
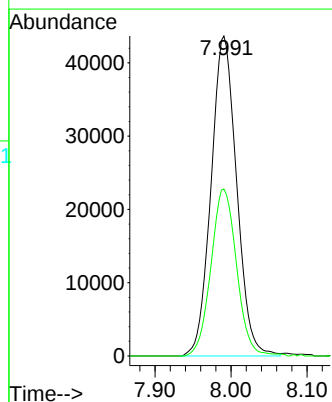
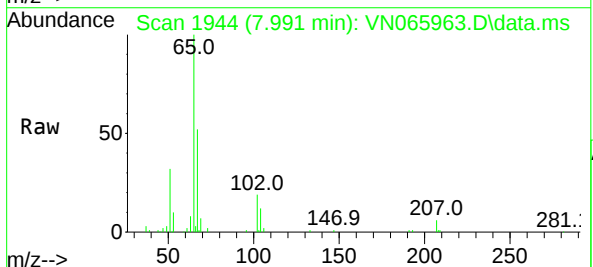
Instrument :
MSVOA_N
ClientSampled :

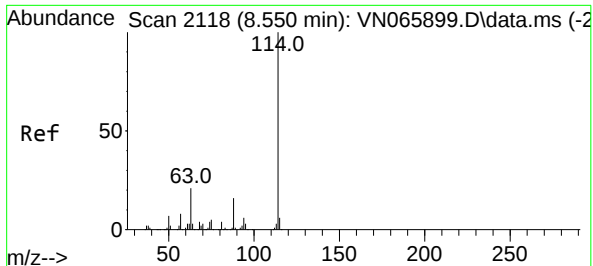
Tgt Ion: 56 Resp: 3045
Ion Ratio Lower Upper
56 100
69 211.1 26.6 39.8#
84 142.0 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.76 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

Tgt Ion: 65 Resp: 101933
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.2

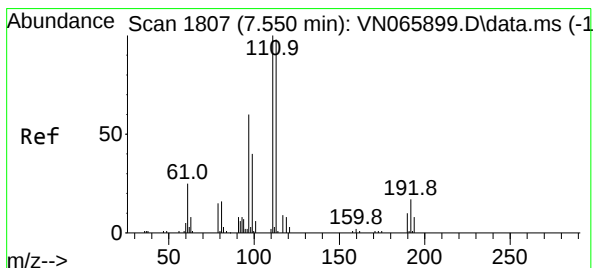
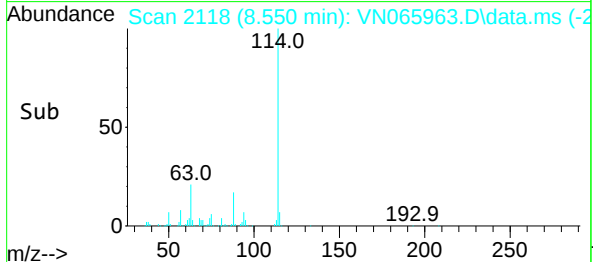
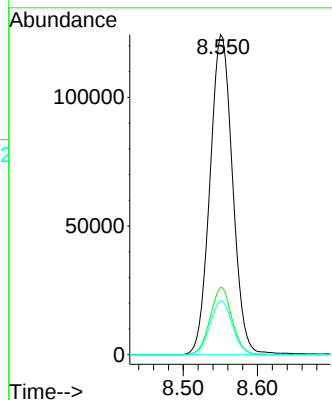
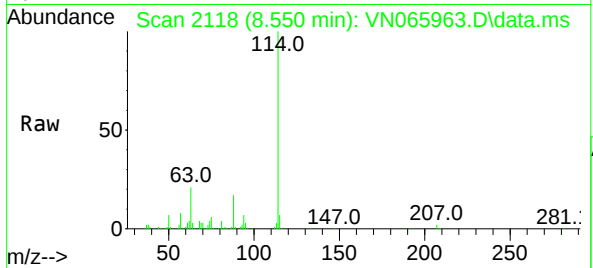




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

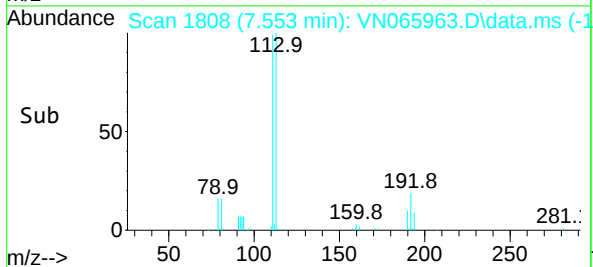
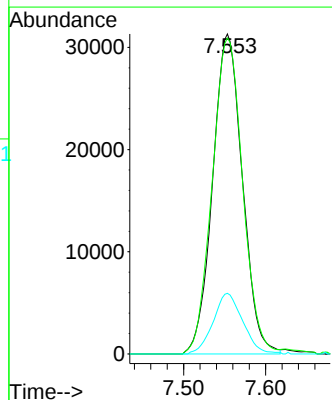
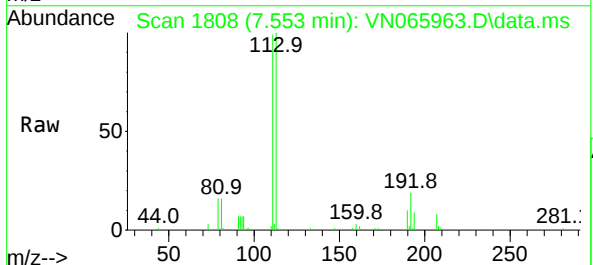
Instrument :
MSVOA_N
ClientSampled :

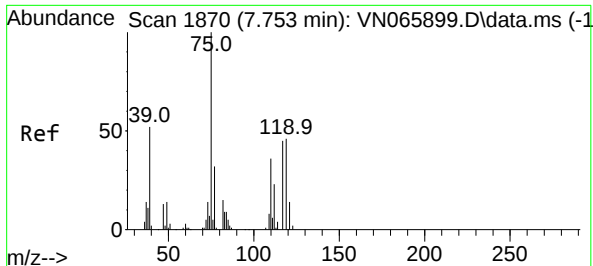
Tgt Ion:	114	Resp:	263117
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	38.6
88	17.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 48.44 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

Tgt Ion:	113	Resp:	78880
Ion Ratio	Lower	Upper	
113	100		
111	100.8	82.2	123.2
192	18.9	15.4	23.0

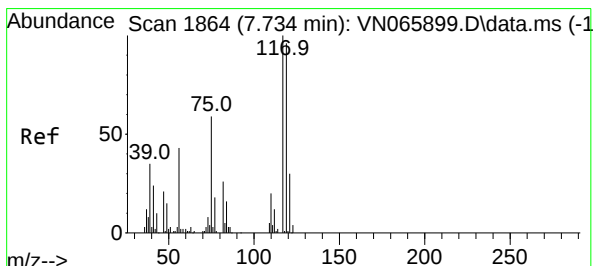
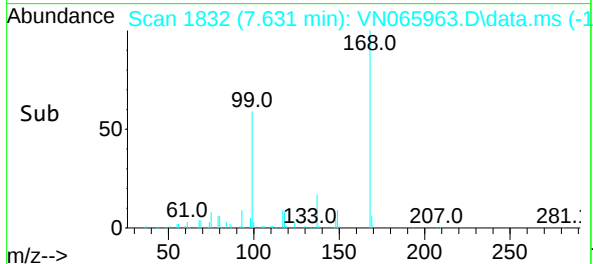
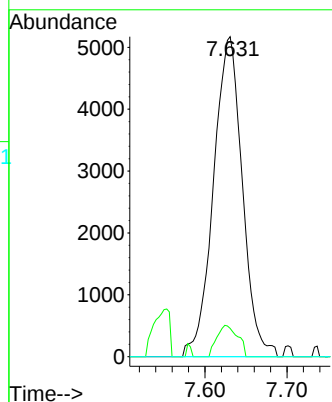
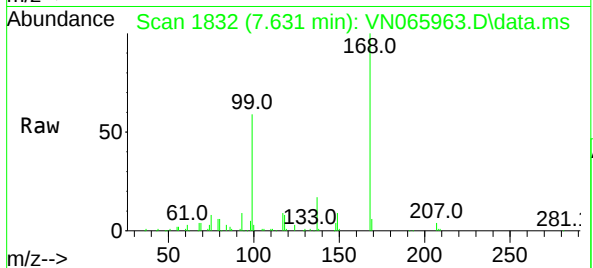




#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.122 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

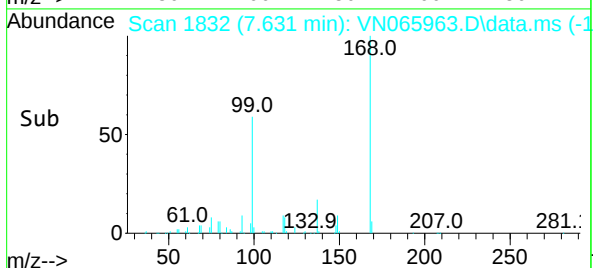
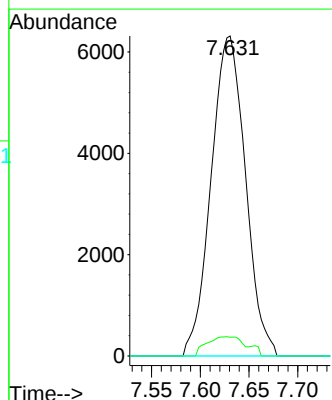
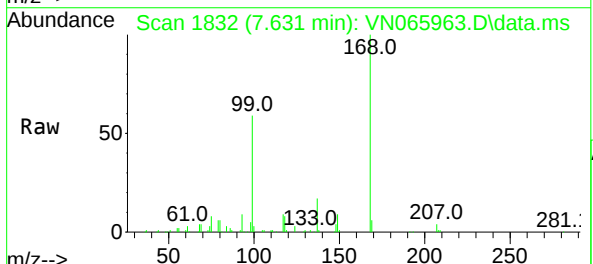
Instrument :
MSVOA_N
ClientSampled :

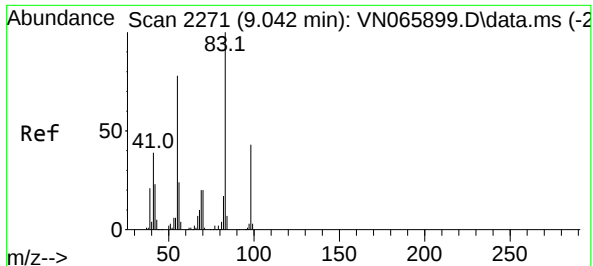
Tgt Ion: 75 Resp: 12645
Ion Ratio Lower Upper
75 100
110 7.1 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.42 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

Tgt Ion: 117 Resp: 15476
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 0.62 ug/l

RT: 8.807 min Scan# 2198

Delta R.T. -0.235 min

Lab File: VN065963.D

Acq: 22 Feb 2021 16:32

Tgt Ion: 83 Resp: 1797

Ion Ratio Lower Upper

83 100

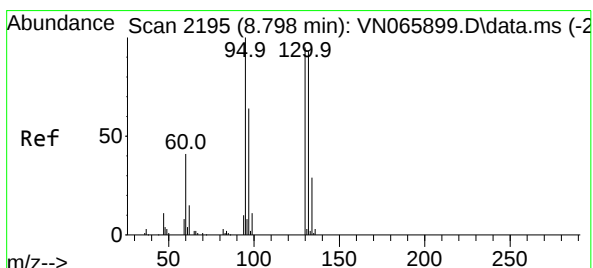
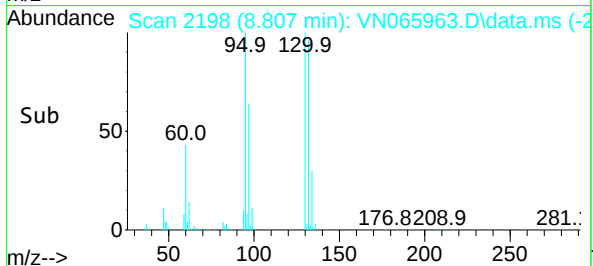
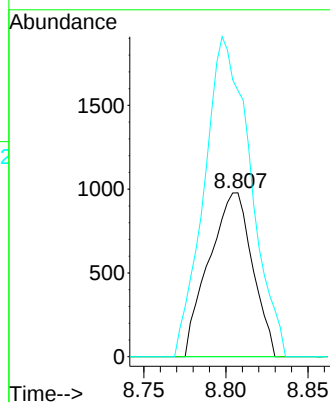
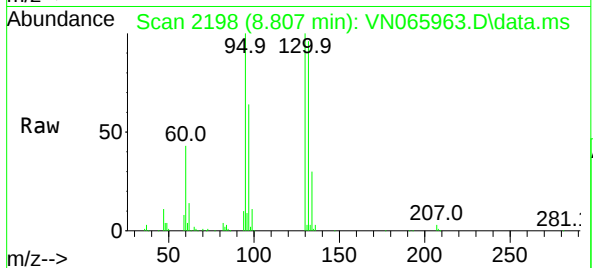
55 0.0 58.9 88.3#

98 145.2 35.9 53.9#

Instrument :

MSVOA_N

ClientSampled :



#44

Trichloroethene

Concen: 73.38 ug/l

RT: 8.801 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VN065963.D

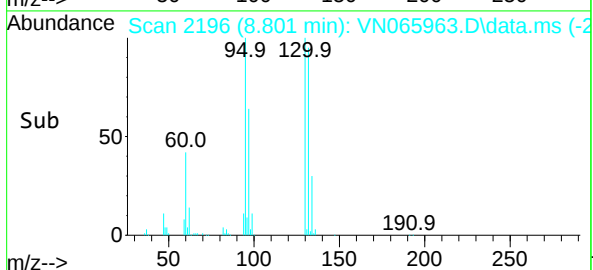
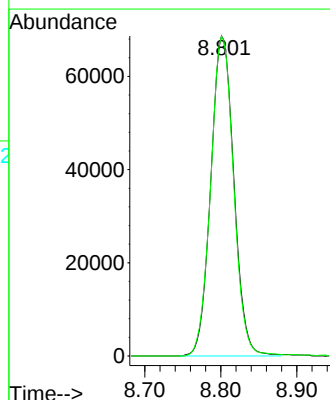
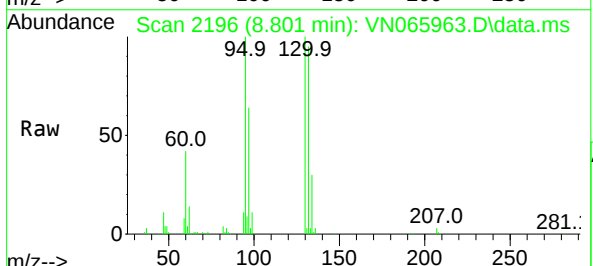
Acq: 22 Feb 2021 16:32

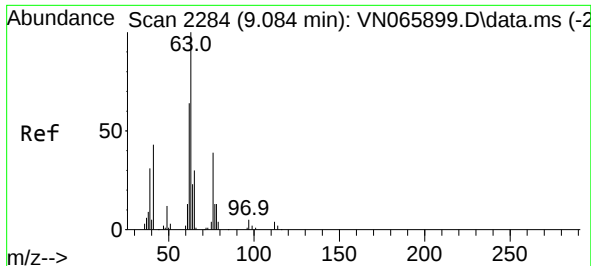
Tgt Ion:130 Resp: 144450

Ion Ratio Lower Upper

130 100

95 99.9 0.0 199.6





#45

1,2-Dichloropropane

Concen: 3.94 ug/l

RT: 9.087 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VN065963.D

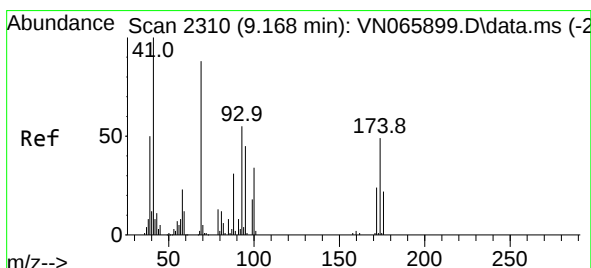
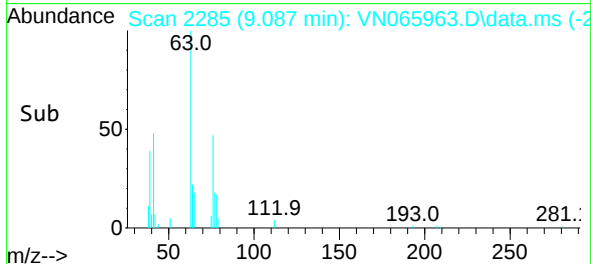
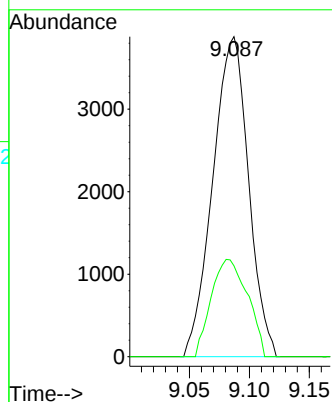
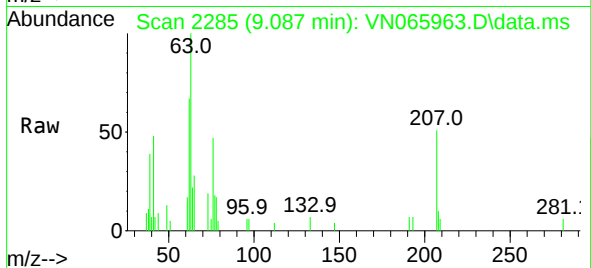
Acq: 22 Feb 2021 16:32

Tgt Ion: 63 Resp: 8037

Ion Ratio Lower Upper

63 100

65 28.4 24.9 37.3



#48

Methyl methacrylate

Concen: 2.18 ug/l

RT: 9.084 min Scan# 2284

Delta R.T. -0.084 min

Lab File: VN065963.D

Acq: 22 Feb 2021 16:32

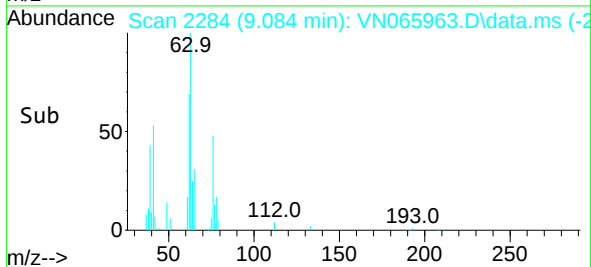
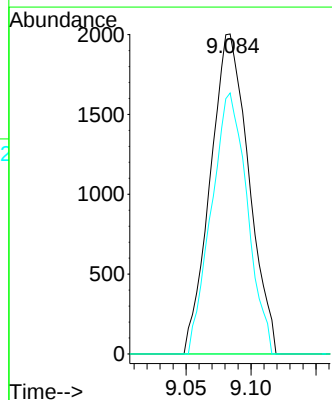
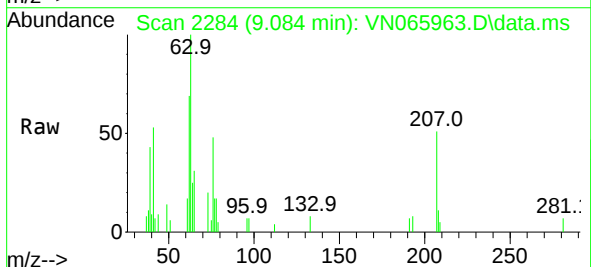
Tgt Ion: 41 Resp: 4127

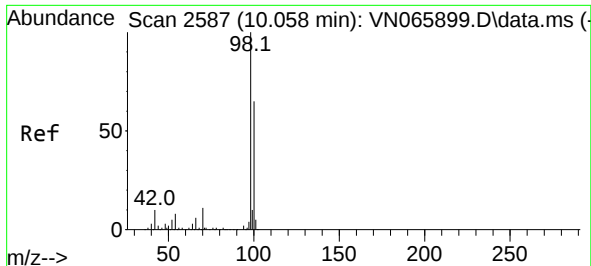
Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

39 75.9 46.6 69.8#

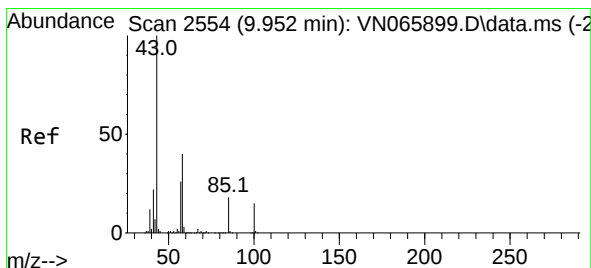
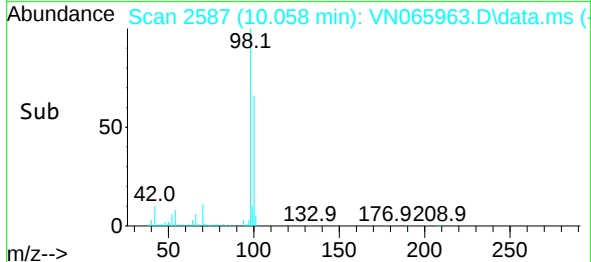
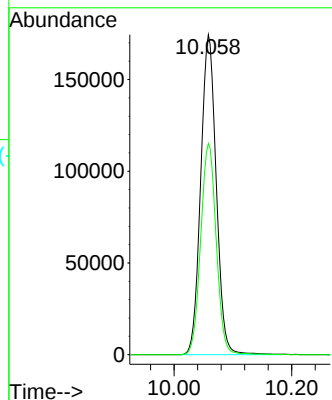
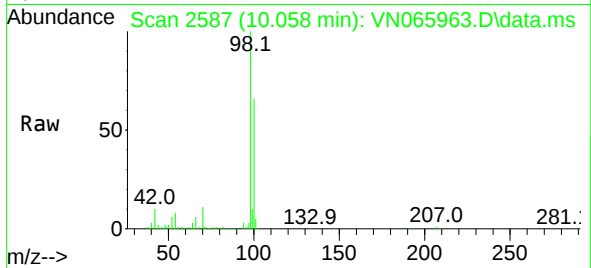




#50
Toluene-d8
Concen: 47.72 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

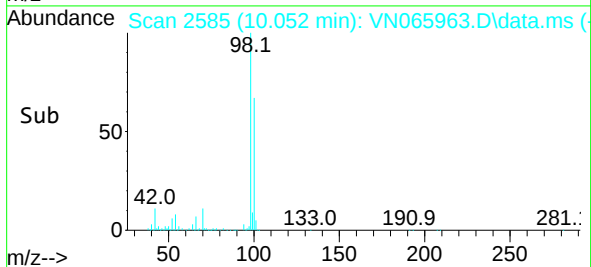
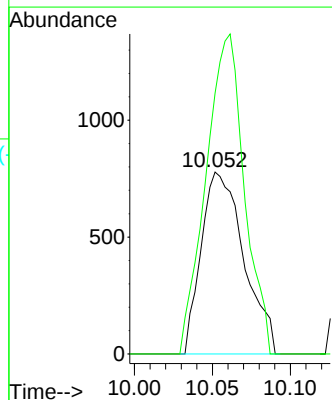
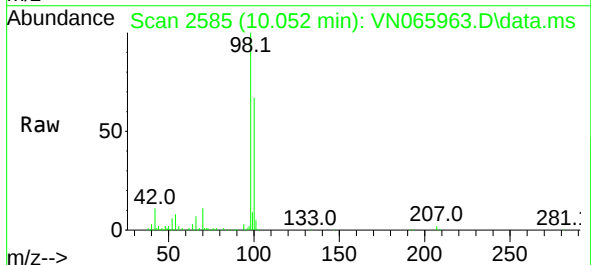
Instrument :
MSVOA_N
ClientSampled :

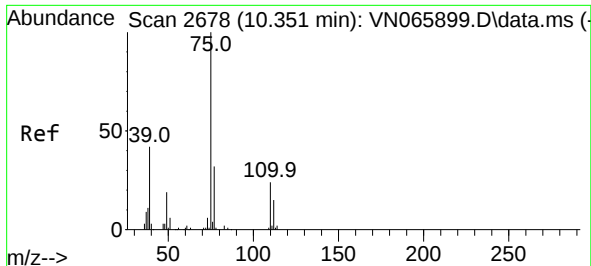
Tgt Ion: 98 Resp: 318980
Ion Ratio Lower Upper
98 100
100 66.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.65 ug/l
RT: 10.052 min Scan# 2585
Delta R.T. 0.100 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

Tgt Ion: 43 Resp: 1481
Ion Ratio Lower Upper
43 100
58 158.4 32.5 48.7#

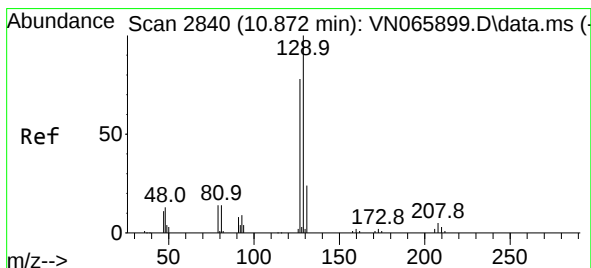
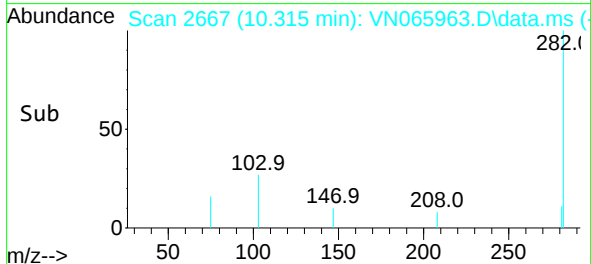
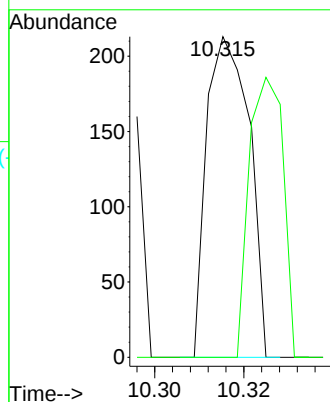
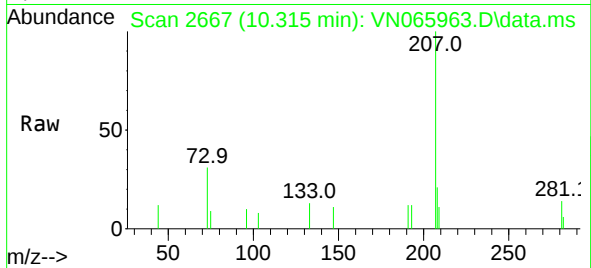




#53
t-1,3-Dichloropropene
Concen: 2.02 ug/l
RT: 10.315 min Scan# 2667
Delta R.T. -0.036 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

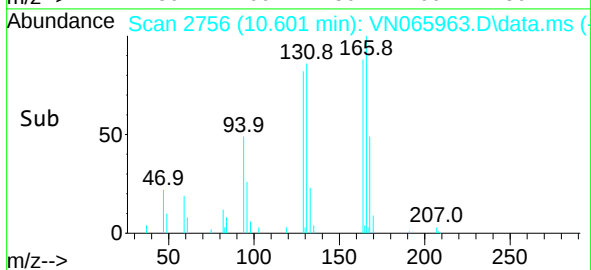
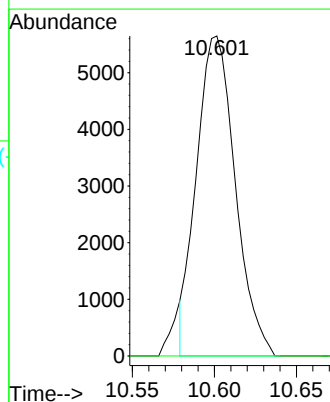
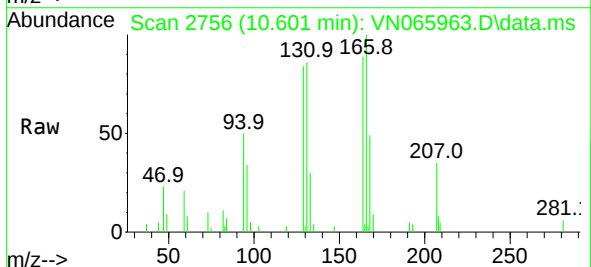
Instrument :
MSVOA_N
ClientSampled :

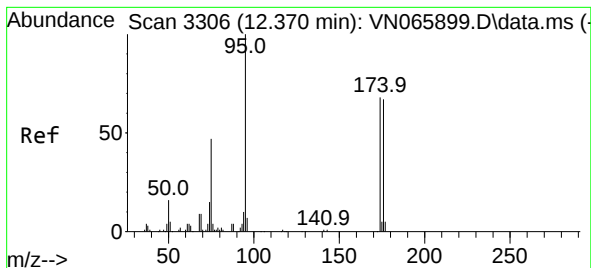
Tgt Ion: 75 Resp: 141
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#



#60
Dibromochloromethane
Concen: 4.96 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. -0.271 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

Tgt Ion: 129 Resp: 9270
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

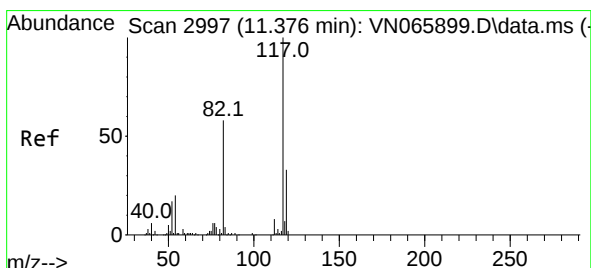
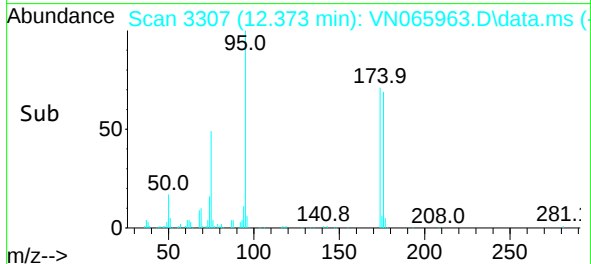
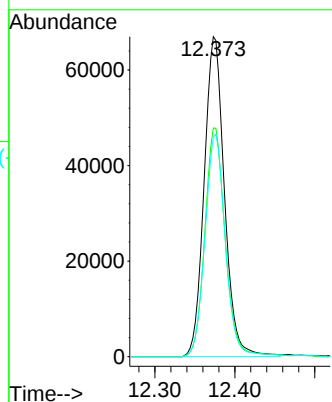
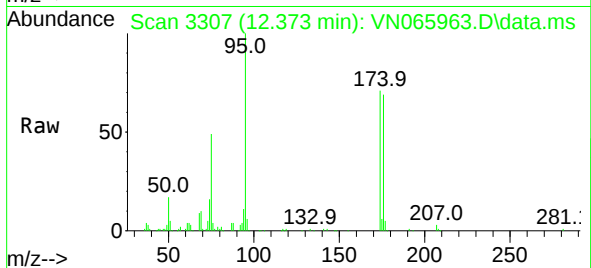




#62
4-Bromofluorobenzene
Concen: 47.15 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

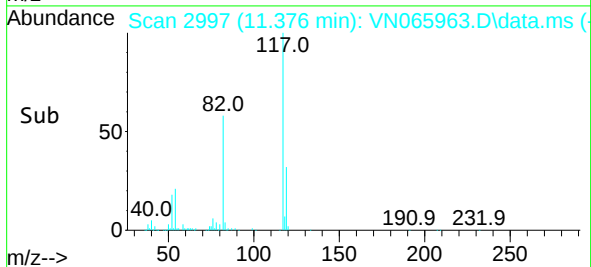
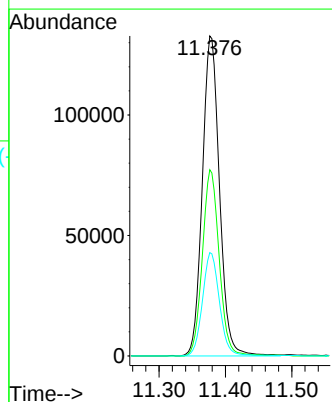
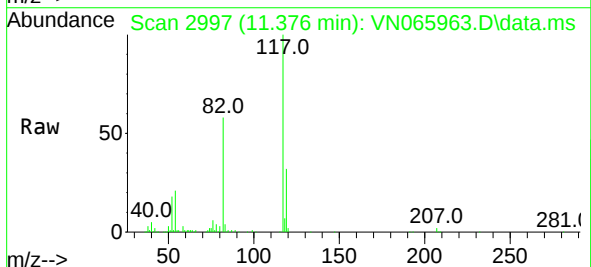
Instrument :
MSVOA_N
ClientSampleId :

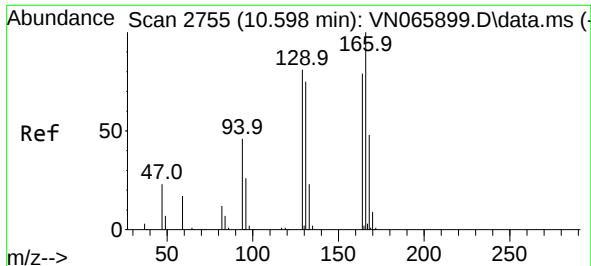
Tgt Ion: 95 Resp: 118314
Ion Ratio Lower Upper
95 100
174 72.1 0.0 169.0
176 69.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

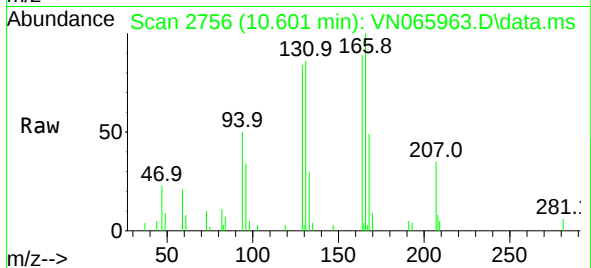
Tgt Ion: 117 Resp: 239142
Ion Ratio Lower Upper
117 100
82 58.2 43.7 65.5
119 32.3 26.1 39.1





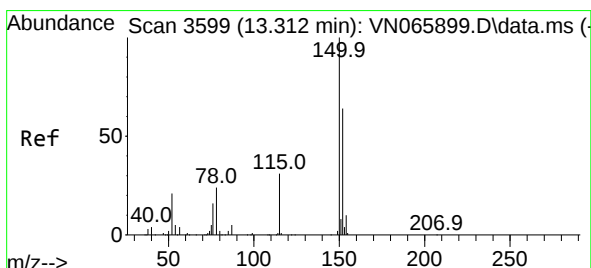
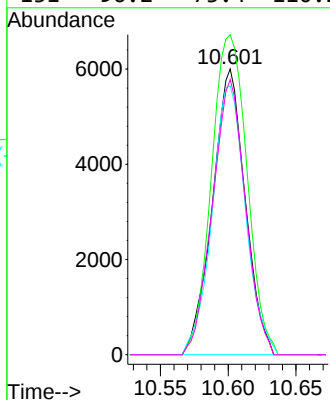
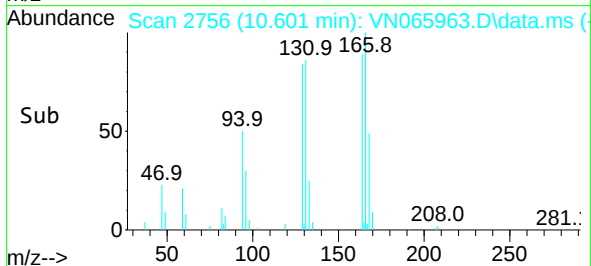
#64
Tetrachloroethene
Concen: 5.47 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

Instrument :
MSVOA_N
ClientSampled :

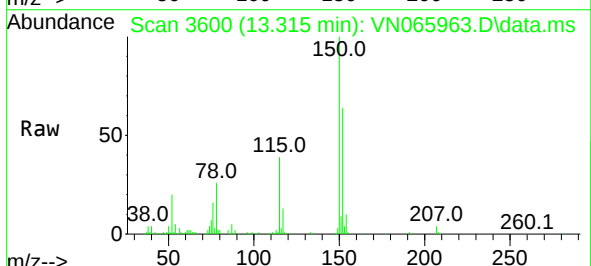


Tgt Ion:164 Resp: 10093

Ion	Ratio	Lower	Upper
164	100		
166	112.0	102.6	154.0
129	94.1	76.2	114.4
131	96.2	73.4	110.2

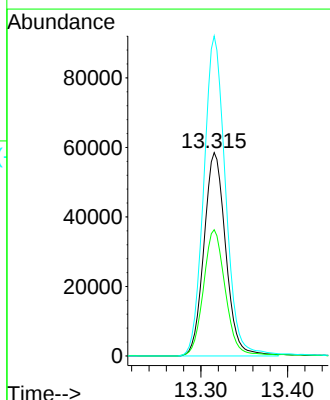
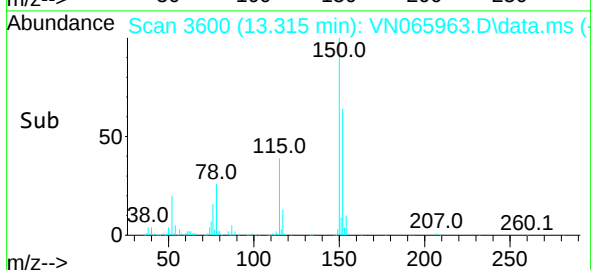


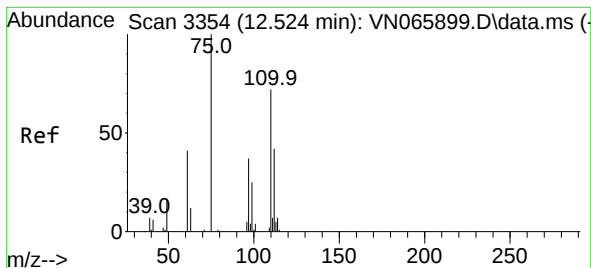
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32



Tgt Ion:152 Resp: 102338

Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.5	85.6
150	157.8	0.0	347.6

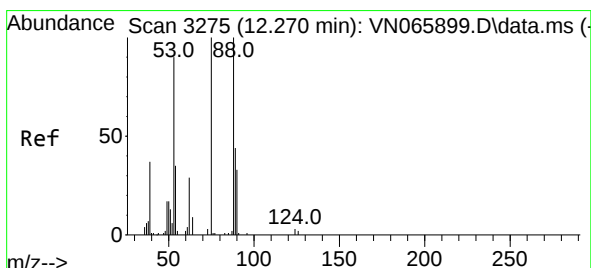
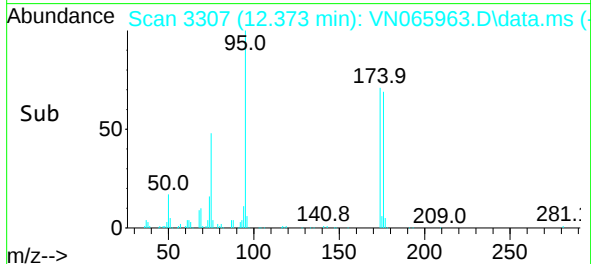
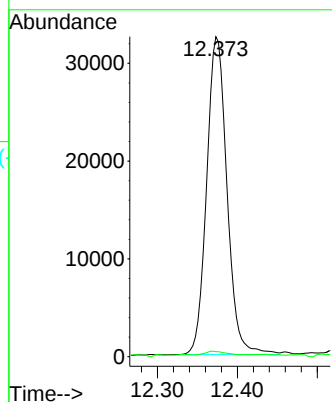
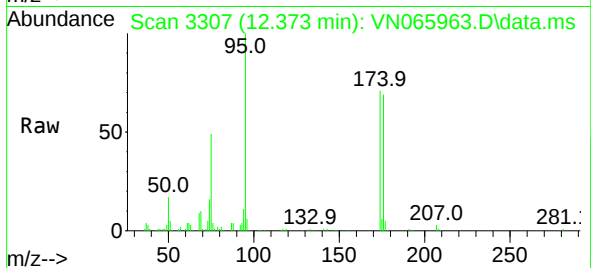




#76
1,2,3-Trichloropropane
Concen: 23.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

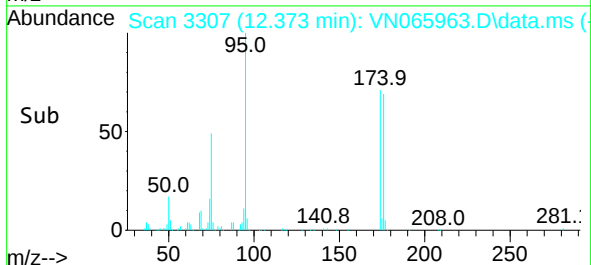
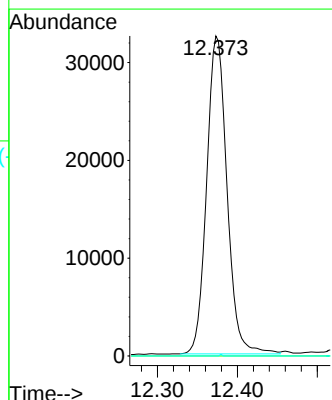
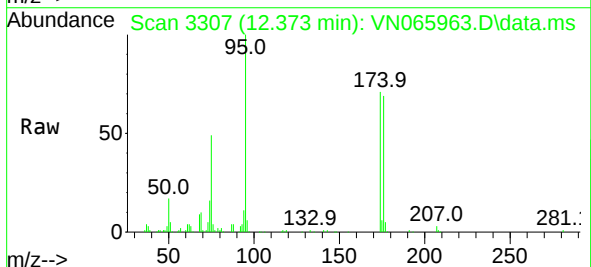
Instrument :
MSVOA_N
ClientSampled :

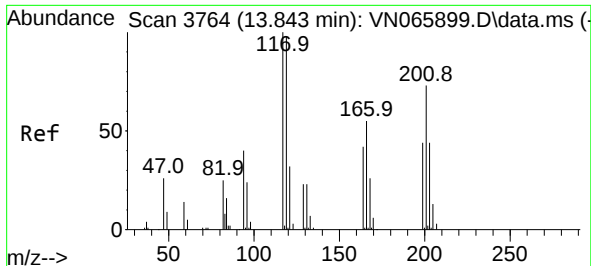
Tgt Ion: 75 Resp: 57501
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.54 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

Tgt Ion: 75 Resp: 57501
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.1 35.8 53.8#

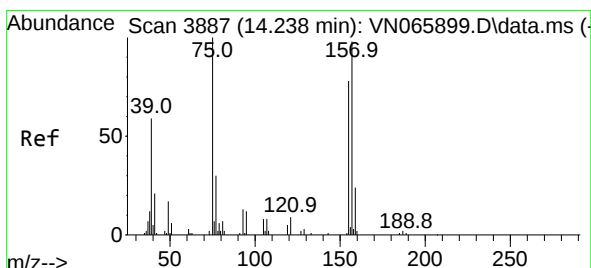
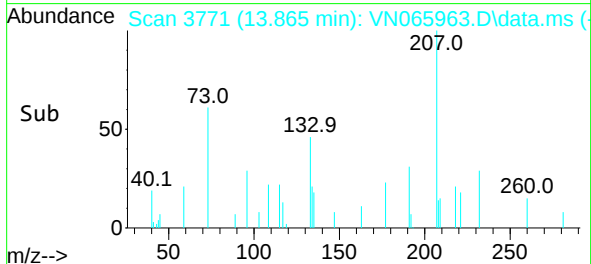
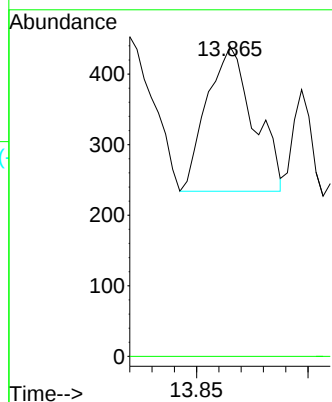
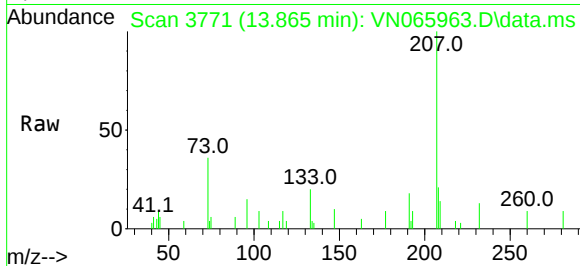




#90
Hexachloroethane
Concen: 0.26 ug/l
RT: 13.865 min Scan# 3771
Delta R.T. 0.022 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 299
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.33 ug/l
RT: 14.238 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VN065963.D
Acq: 22 Feb 2021 16:32

Tgt Ion: 75 Resp: 239
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

