

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022221\
 Data File : VN065960.D
 Acq On : 22 Feb 2021 15:21
 Operator : JC/MD
 Sample : M1450-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 22 15:43:39 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)

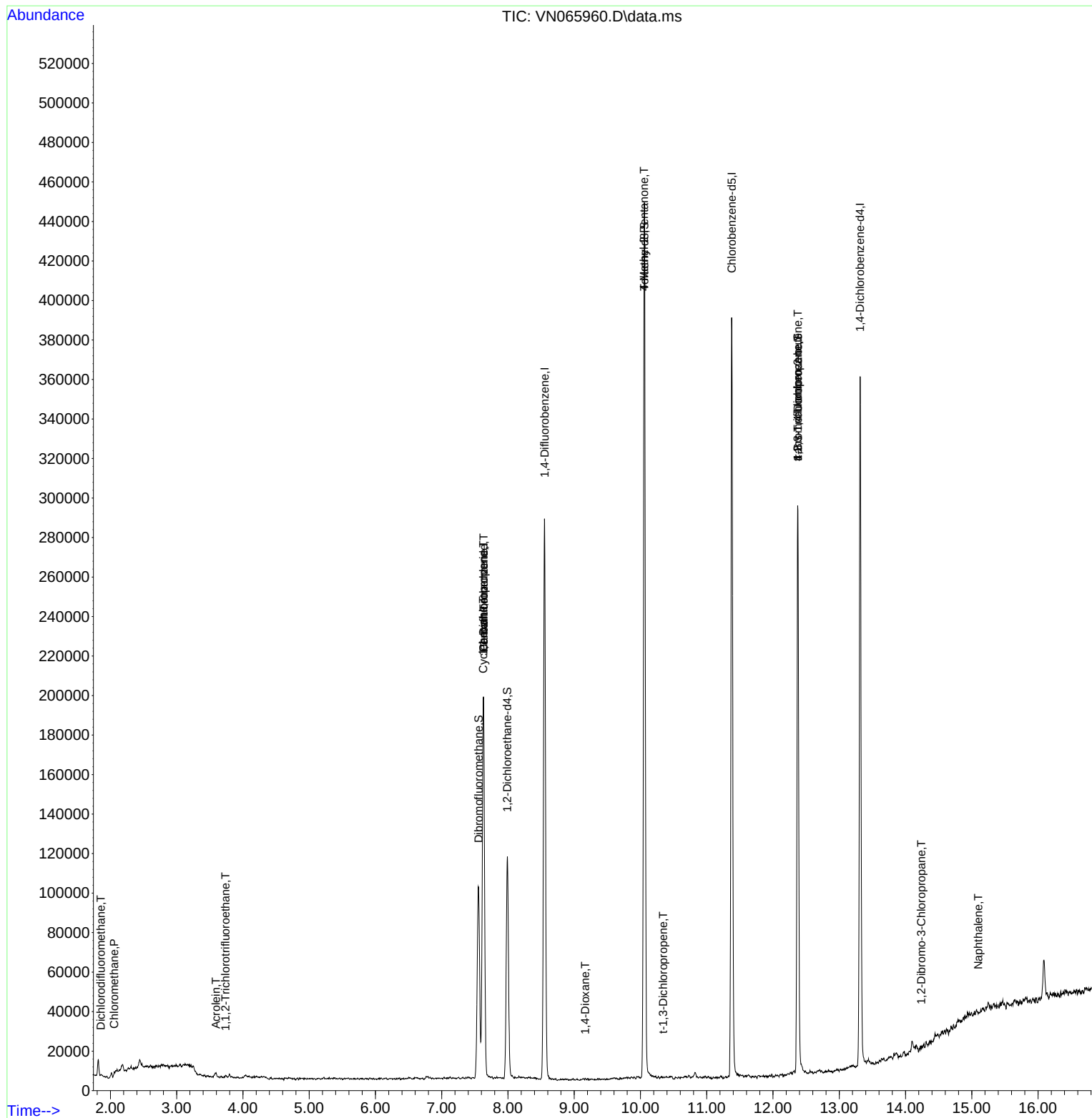
Internal Standards						
1) Pentafluorobenzene	7.630	168	158584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	263893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	237538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	98182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	101198	45.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.26%		
35) Dibromofluoromethane	7.556	113	77998	47.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.52%		
50) Toluene-d8	10.058	98	320104	47.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.50%		
62) 4-Bromofluorobenzene	12.373	95	116515	46.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.856	85	463	0.22	ug/l #	41
3) Chloromethane	2.055	50	1425	0.55	ug/l #	88
9) 1,1,2-Trichlorotrifluo...	3.737	101	597	0.35	ug/l #	76
13) Acrolein	3.592	56	2645	9.37	ug/l	96
16) Acetone	3.791	43	974	Below Cal		93
31) Cyclohexane	7.624	56	2940	0.89	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	12485	4.80	ug/l #	48
38) Carbon Tetrachloride	7.630	117	16165	6.68	ug/l #	17
49) 1,4-Dioxane	9.164	88	29	0.90	ug/l #	1
51) 4-Methyl-2-Pentanone	10.055	43	1512	0.66	ug/l #	1
53) t-1,3-Dichloropropene	10.341	75	163	2.03	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	55588	23.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	55588	75.11	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.238	75	97	1.05	ug/l #	1
95) Naphthalene	15.096	128	60	3.07	ug/l #	69

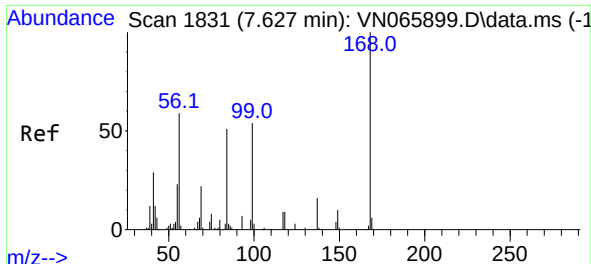
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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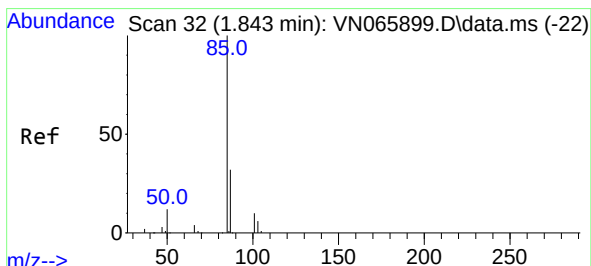
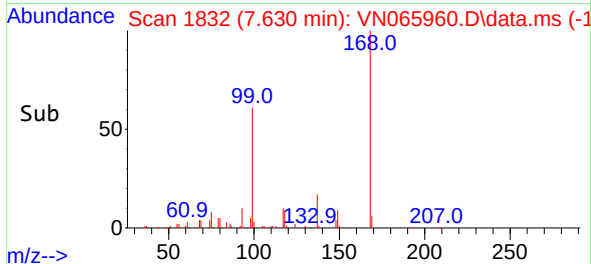
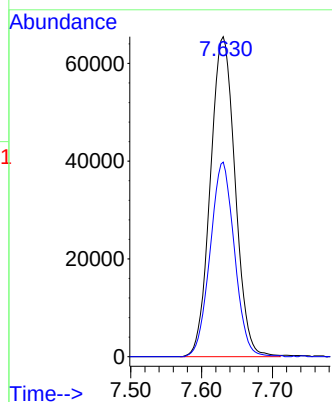
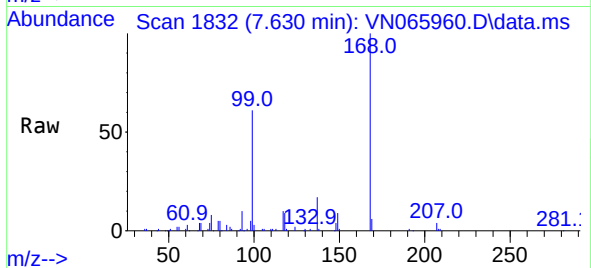




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

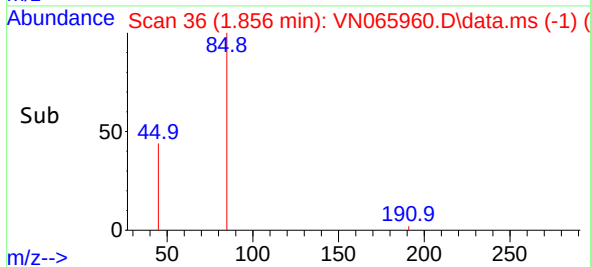
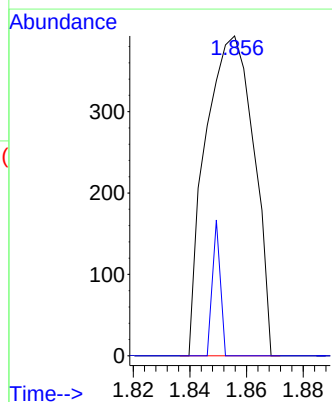
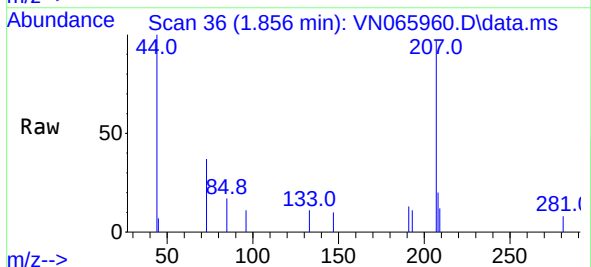
Instrument :
MSVOA_N
ClientSampled :

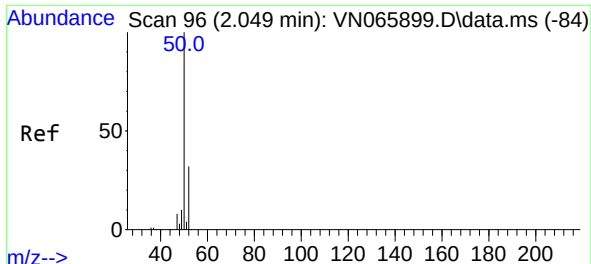
Tgt Ion:168 Resp: 158584
Ion Ratio Lower Upper
168 100
99 60.8 42.6 63.8



#2
Dichlorodifluoromethane
Concen: 0.22 ug/l
RT: 1.856 min Scan# 36
Delta R.T. 0.013 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

Tgt Ion: 85 Resp: 463
Ion Ratio Lower Upper
85 100
87 0.0 16.6 49.8#

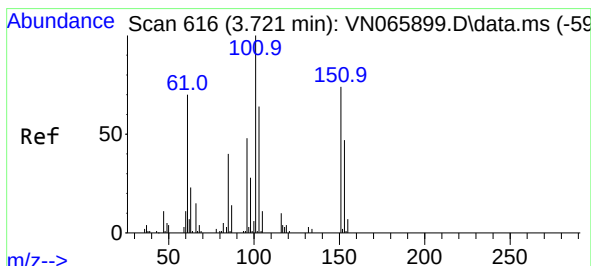
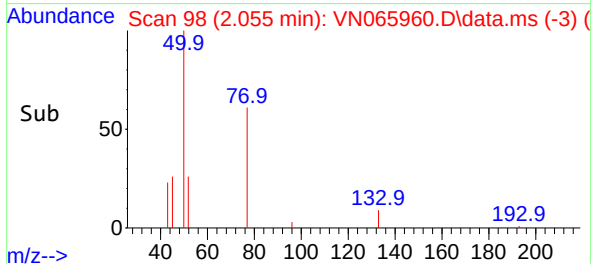
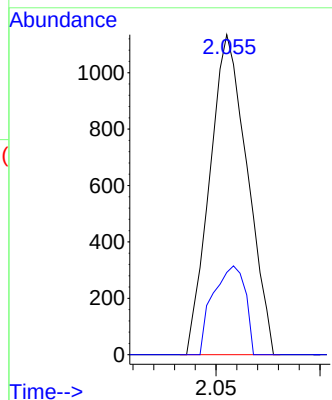
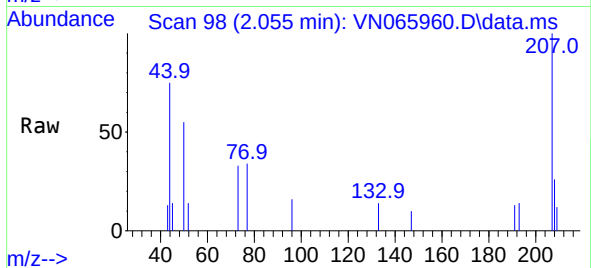




#3
Chloromethane
Concen: 0.55 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

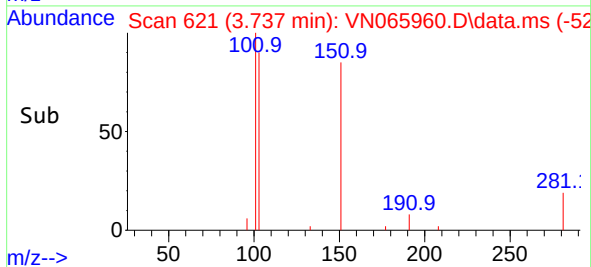
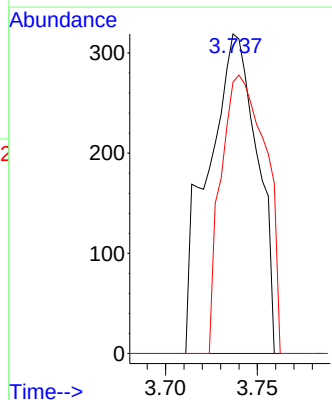
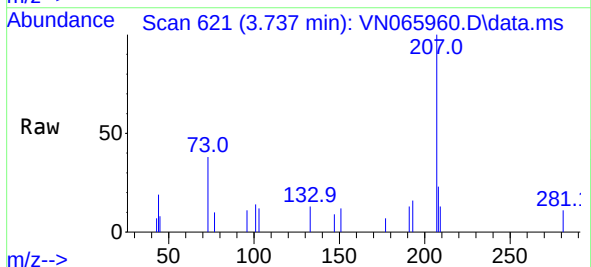
Instrument :
MSVOA_N
ClientSampled :

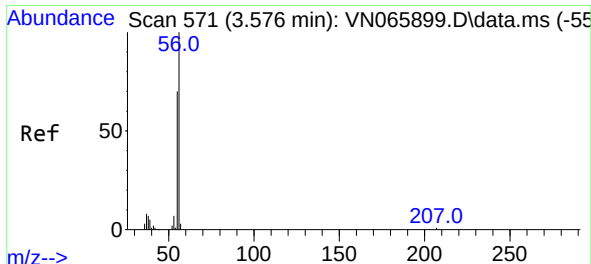
Tgt Ion: 50 Resp: 1425
Ion Ratio Lower Upper
50 100
52 25.7 25.8 38.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.35 ug/l
RT: 3.737 min Scan# 621
Delta R.T. 0.016 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

Tgt Ion: 101 Resp: 597
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 78.7 63.5 95.3

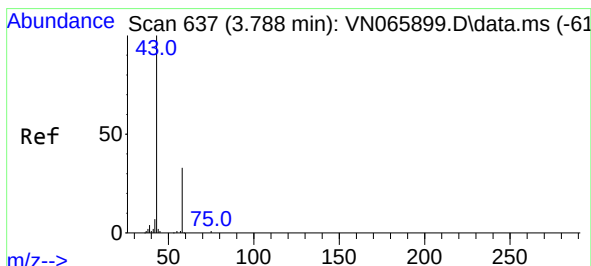
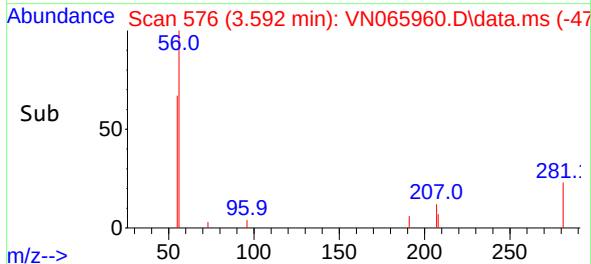
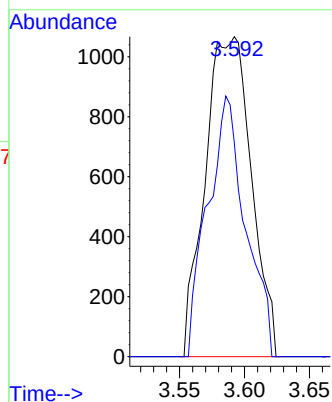
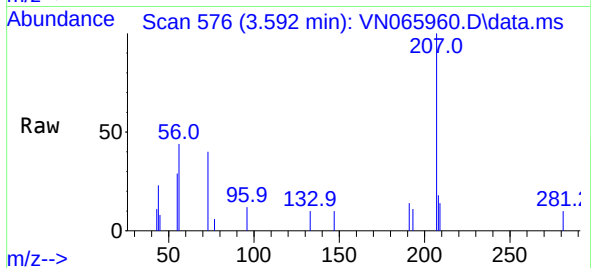




#13
Acrolein
Concen: 9.37 ug/l
RT: 3.592 min Scan# 576
Delta R.T. 0.016 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

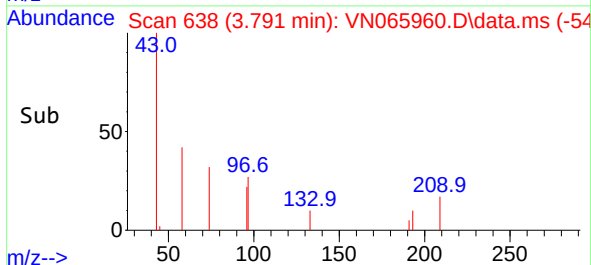
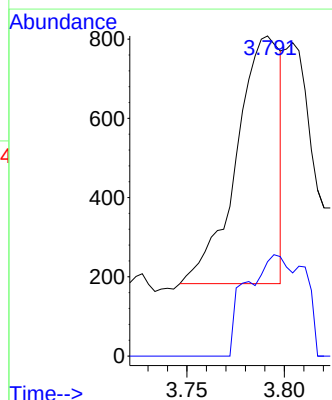
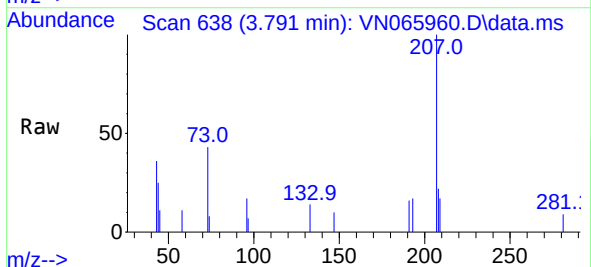
Instrument :
MSVOA_N
ClientSampled :

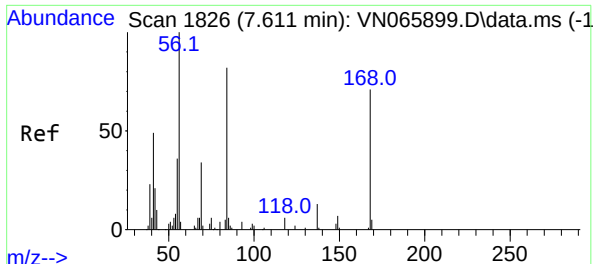
Tgt Ion: 56 Resp: 2645
Ion Ratio Lower Upper
56 100
55 66.8 56.0 84.0



#16
Acetone
Concen: Below Cal
RT: 3.791 min Scan# 638
Delta R.T. 0.003 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
58 38.1 27.0 40.6

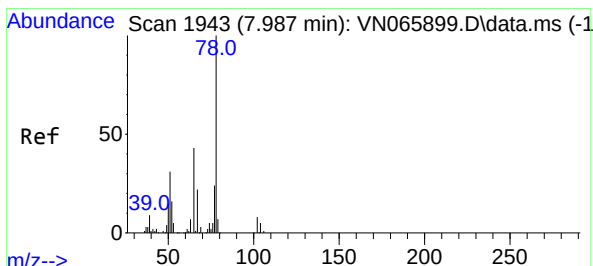
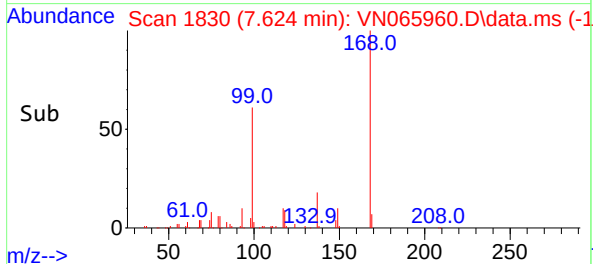
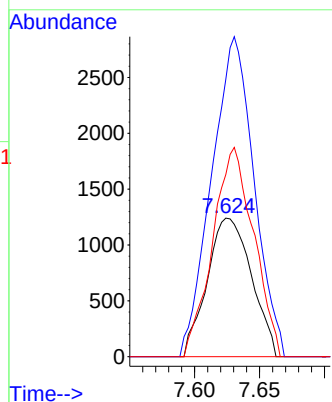
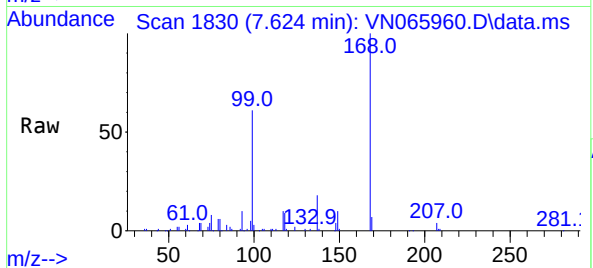




#31
Cyclohexane
Concen: 0.89 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

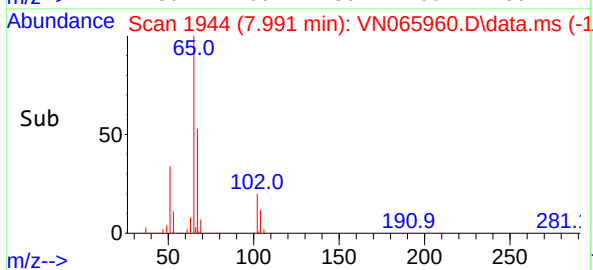
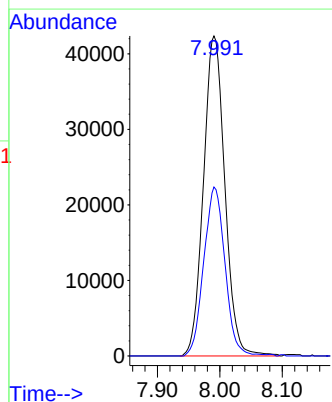
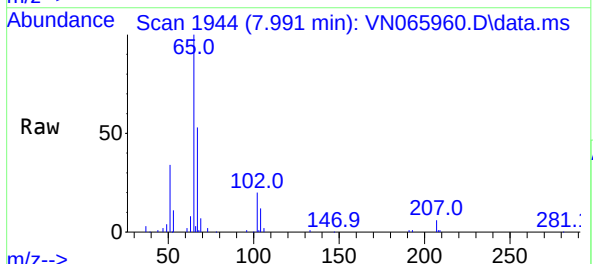
Instrument :
MSVOA_N
ClientSampled :

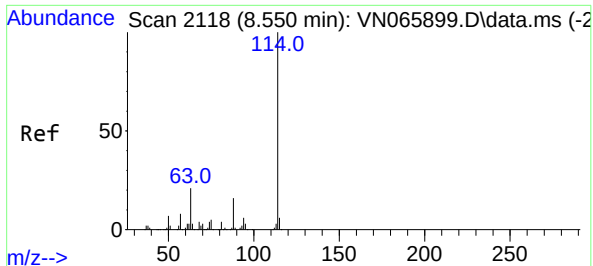
Tgt Ion: 56 Resp: 2940
Ion Ratio Lower Upper
56 100
69 200.1 26.6 39.8#
84 131.3 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.63 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

Tgt Ion: 65 Resp: 101198
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.2

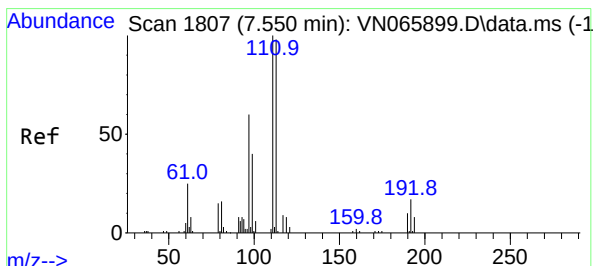
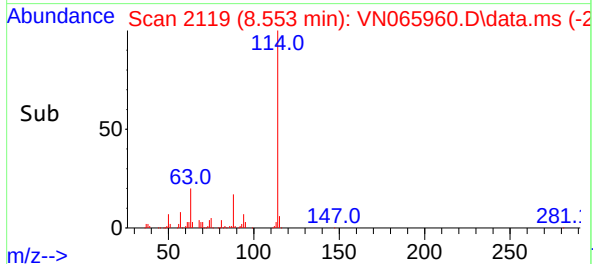
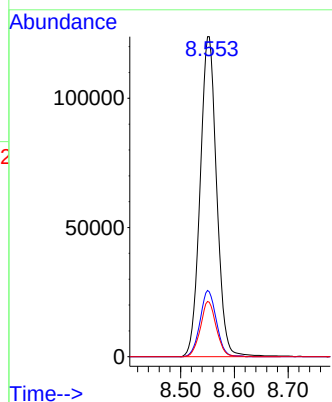
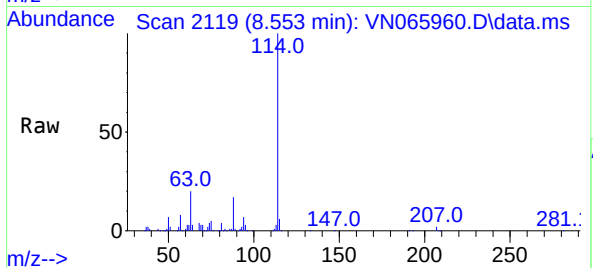




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

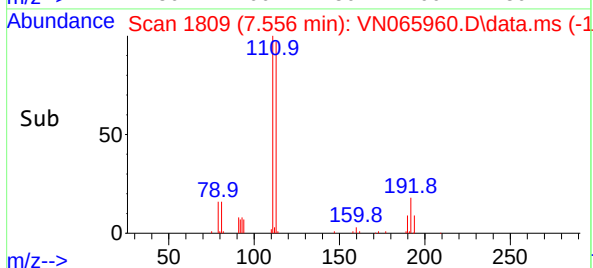
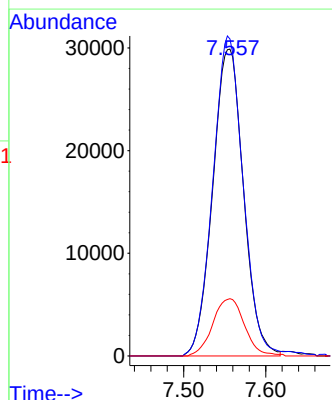
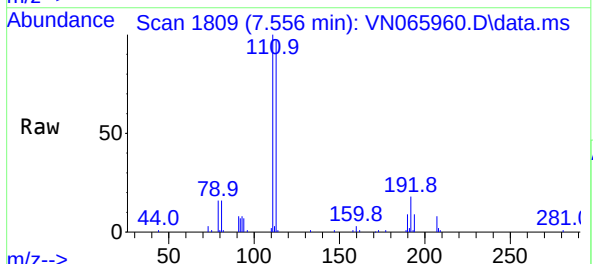
Instrument :
MSVOA_N
ClientSampled :

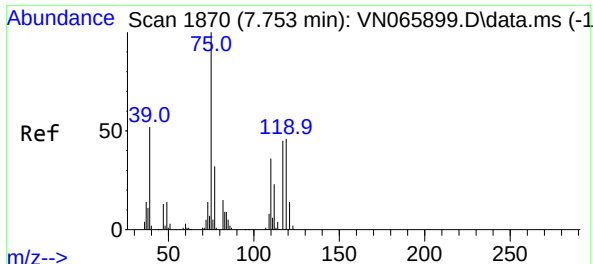
Tgt Ion:114 Resp: 263893
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 17.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.76 ug/l
RT: 7.556 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

Tgt Ion:113 Resp: 77998
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 19.3 15.4 23.0



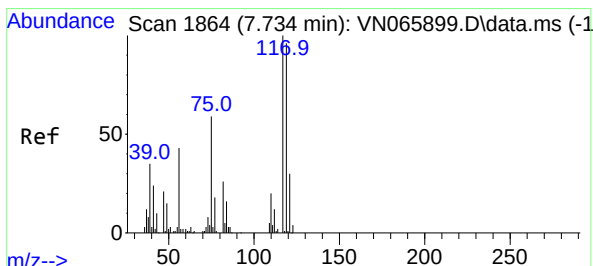
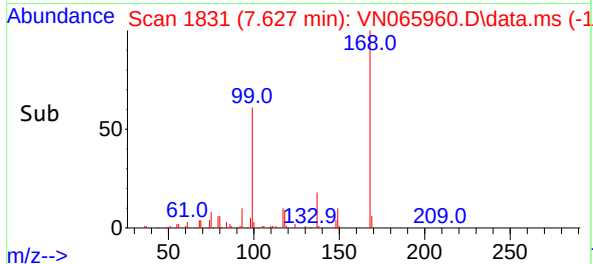
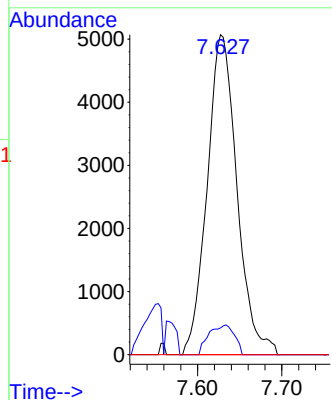
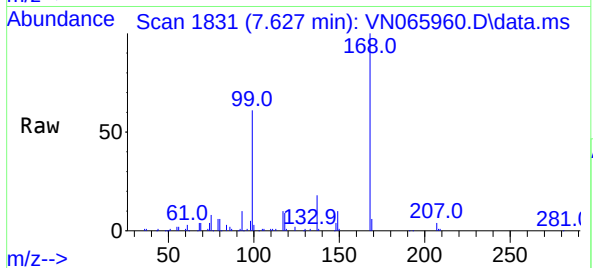


#36

1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

Tgt Ion: 75 Resp: 12485
Ion Ratio Lower Upper
75 100
110 8.0 18.2 54.6#
77 0.0 24.9 37.3#

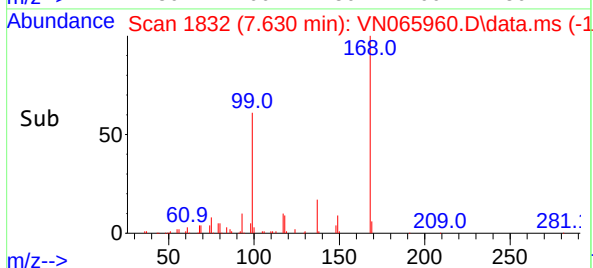
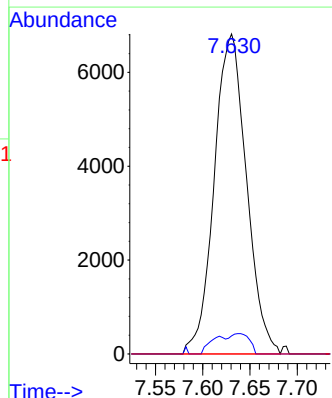
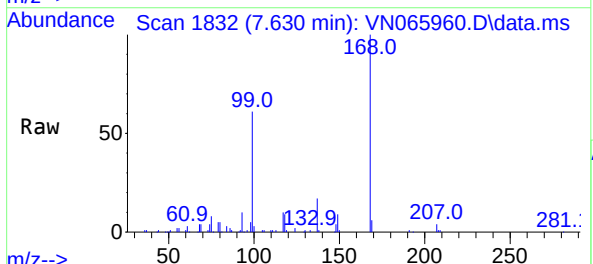
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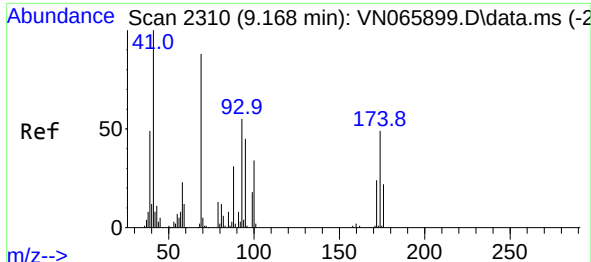


#38

Carbon Tetrachloride
Concen: 6.68 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.104 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

Tgt Ion: 117 Resp: 16165
Ion Ratio Lower Upper
117 100
119 5.6 76.0 114.0#
121 0.0 24.5 36.7#

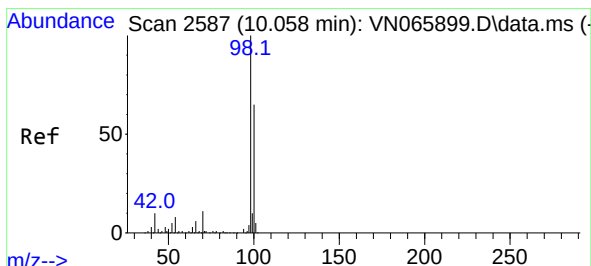
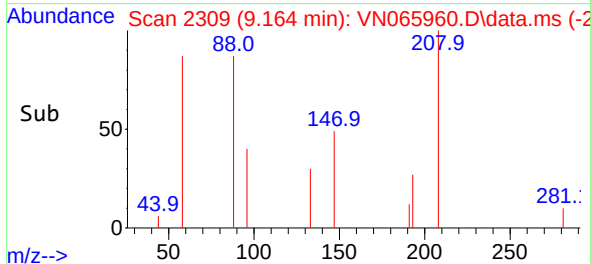
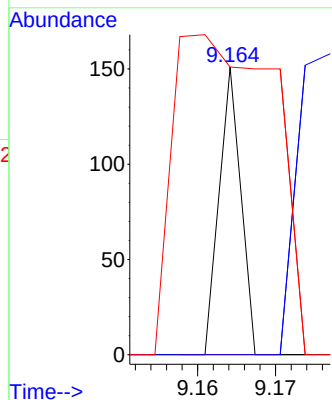
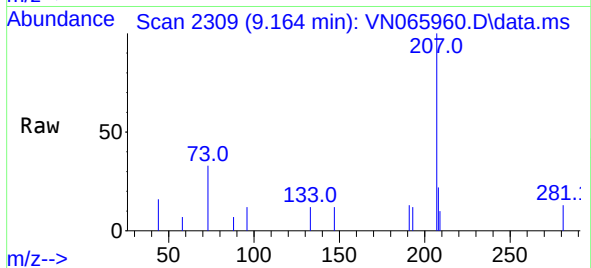




#49
1,4-Dioxane
Concen: 0.90 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.004 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

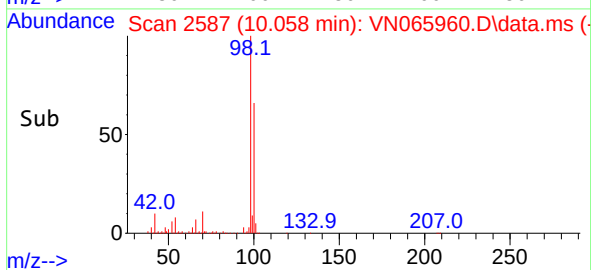
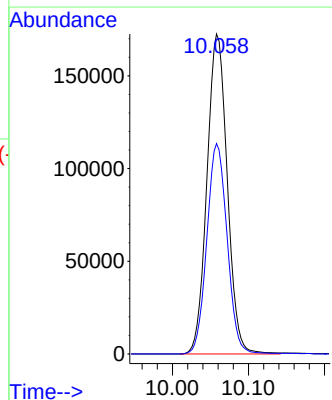
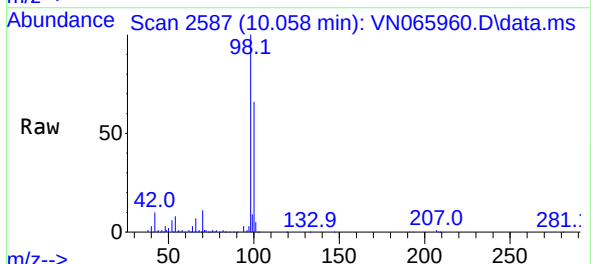
Instrument :
MSVOA_N
ClientSampleId :

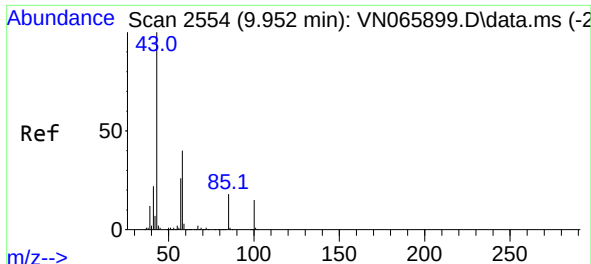
Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 206.9 24.7 37.1#
58 524.1 52.6 78.8#



#50
Toluene-d8
Concen: 47.75 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

Tgt Ion: 98 Resp: 320104
Ion Ratio Lower Upper
98 100
100 66.0 50.5 75.7

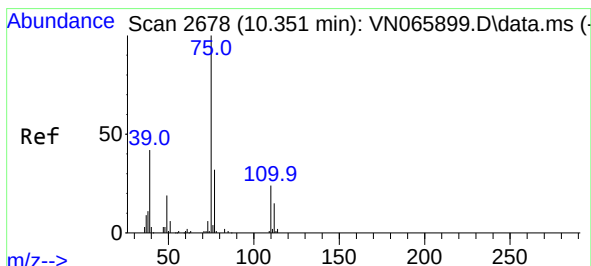
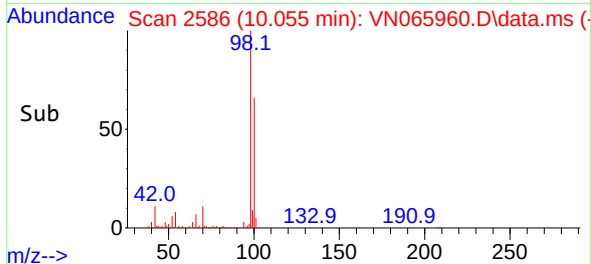
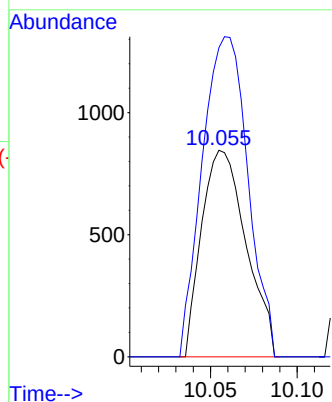
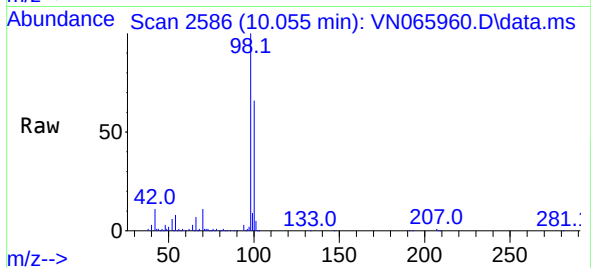




#51
4-Methyl-2-Pentanone
Concen: 0.66 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

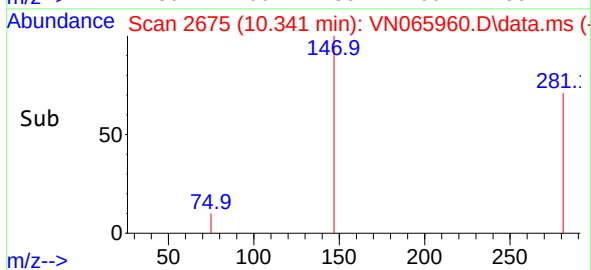
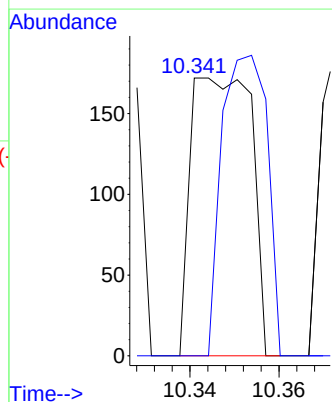
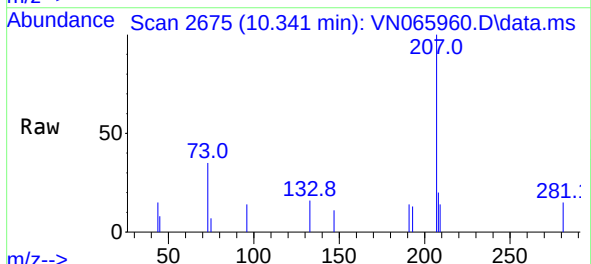
Instrument :
MSVOA_N
ClientSampled :

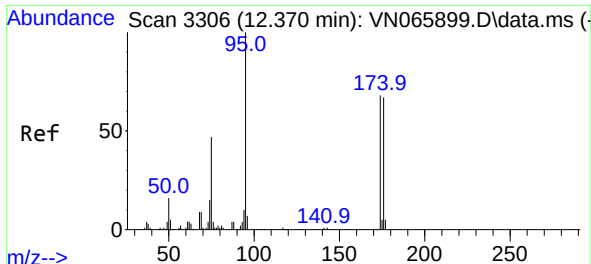
Tgt Ion: 43 Resp: 1512
Ion Ratio Lower Upper
43 100
58 159.2 32.5 48.7#



#53
t-1,3-Dichloropropene
Concen: 2.03 ug/l
RT: 10.341 min Scan# 2675
Delta R.T. -0.010 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

Tgt Ion: 75 Resp: 163
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#

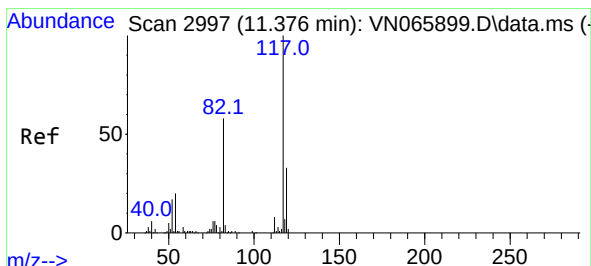
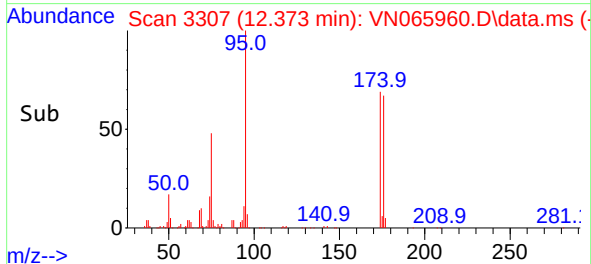
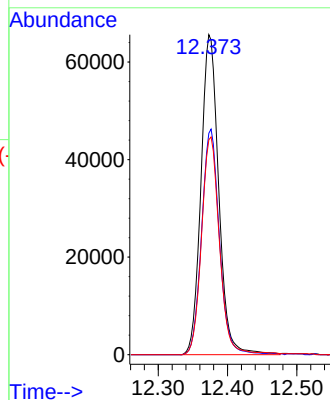
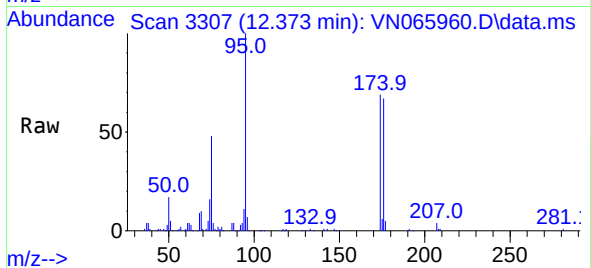




#62
4-Bromofluorobenzene
Concen: 46.30 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

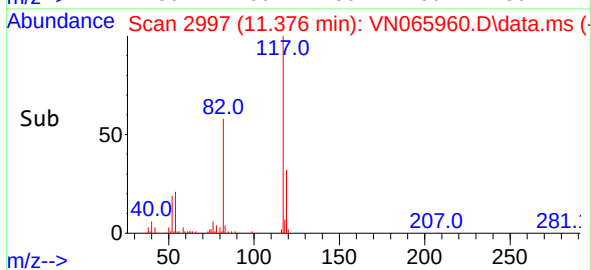
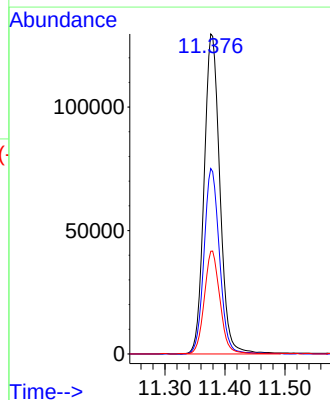
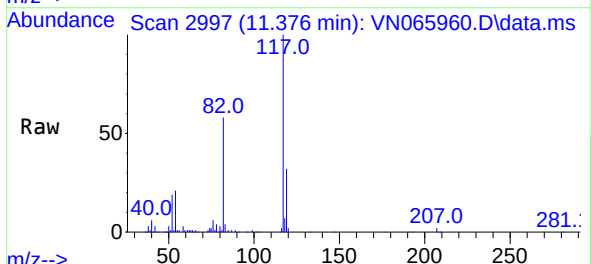
Instrument :
MSVOA_N
ClientSampleId :

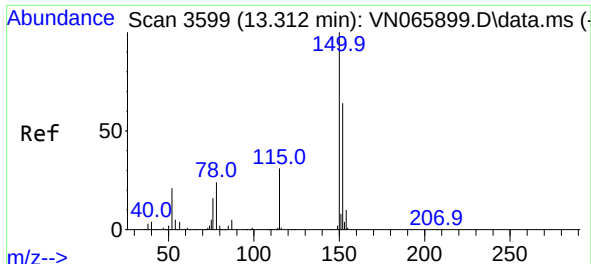
Tgt Ion: 95 Resp: 116515
Ion Ratio Lower Upper
95 100
174 70.5 0.0 169.0
176 68.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

Tgt Ion: 117 Resp: 237538
Ion Ratio Lower Upper
117 100
82 58.0 43.7 65.5
119 32.0 26.1 39.1

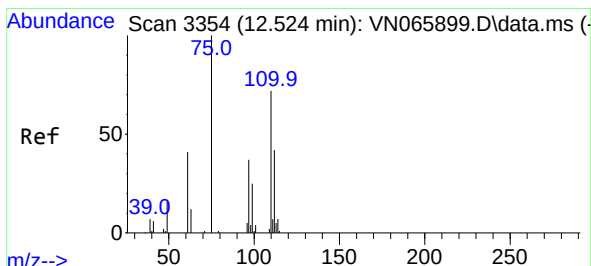
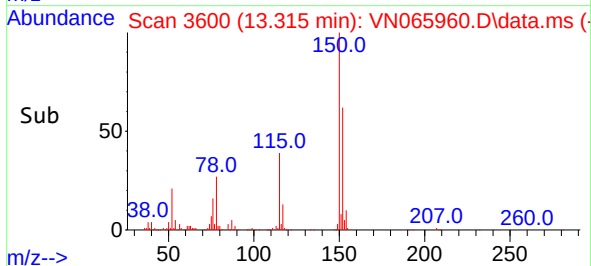
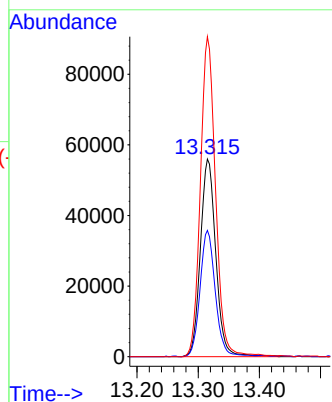
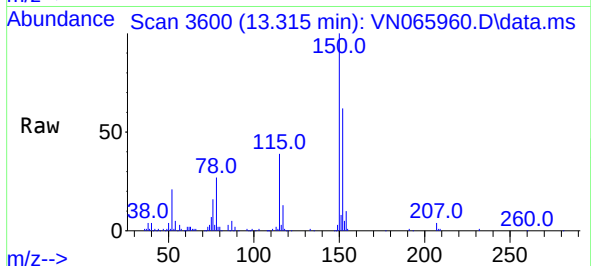




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

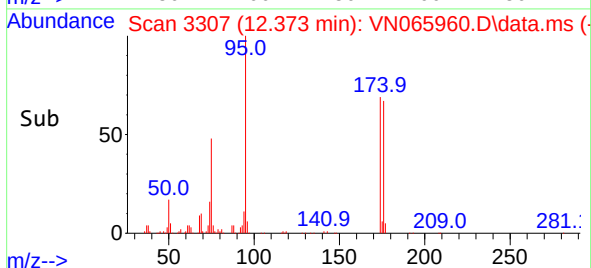
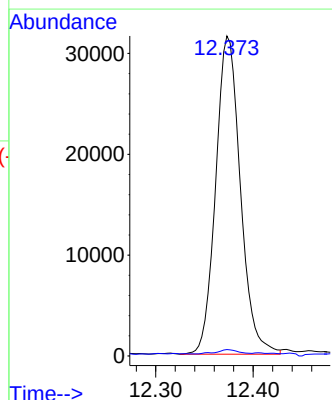
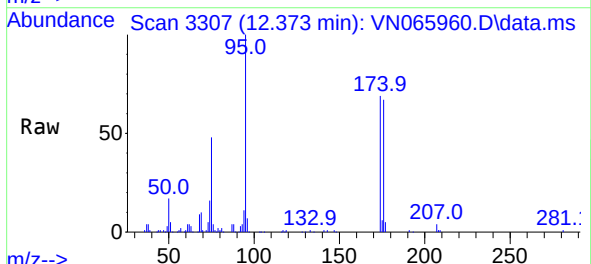
Instrument :
MSVOA_N
ClientSampled :

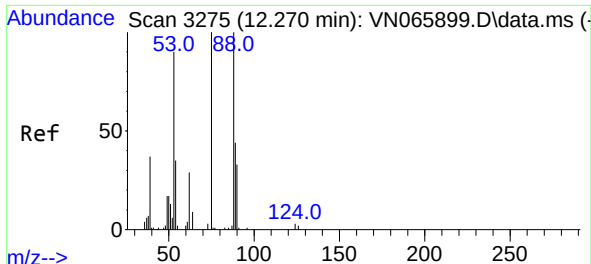
Tgt Ion:152 Resp: 98182
Ion Ratio Lower Upper
152 100
115 63.3 28.5 85.6
150 159.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 23.57 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

Tgt Ion: 75 Resp: 55588
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

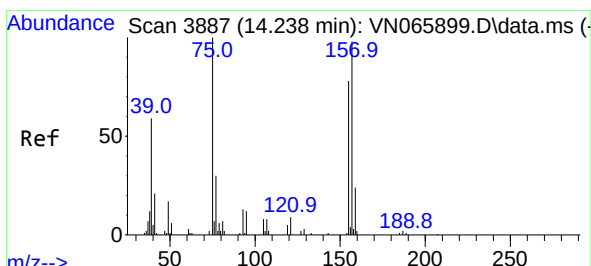
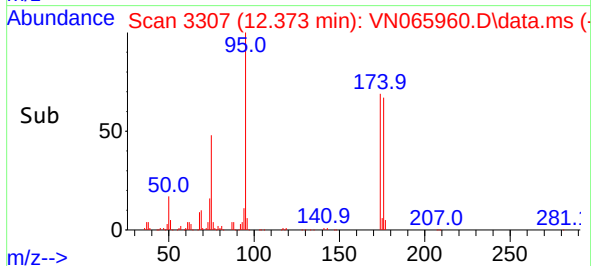
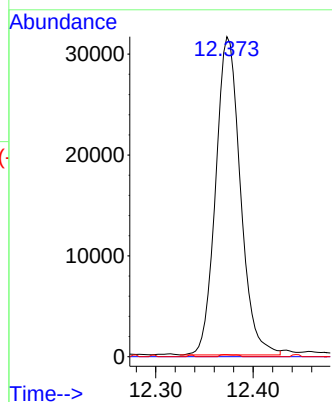
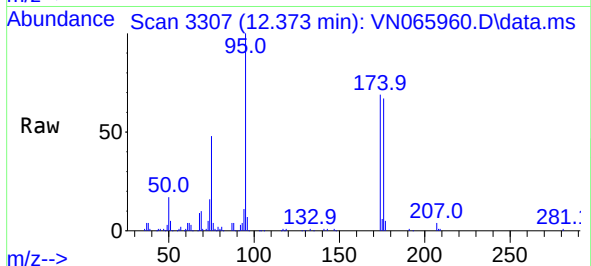




#81
trans-1,4-Dichloro-2-butene
Concen: 75.11 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

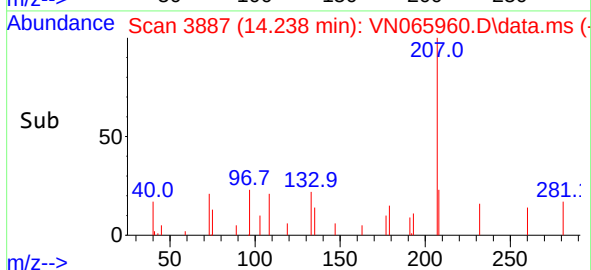
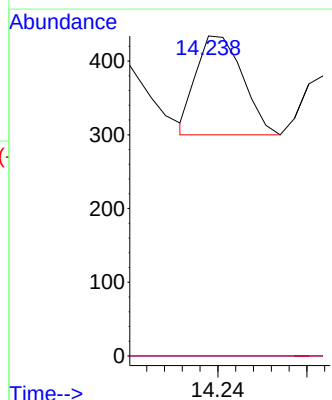
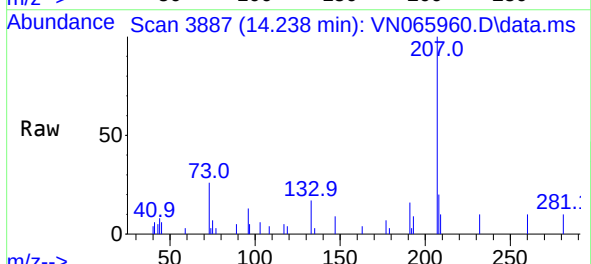
Instrument :
MSVOA_N
ClientSampled :

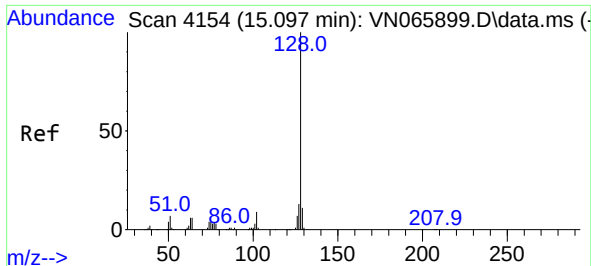
Tgt Ion: 75 Resp: 55588
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.4 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.05 ug/l
RT: 14.238 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

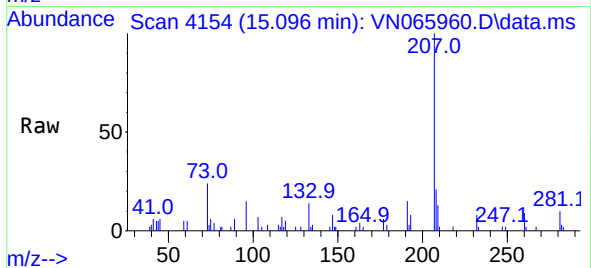
Tgt Ion: 75 Resp: 97
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 3.07 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. -0.001 min
Lab File: VN065960.D
Acq: 22 Feb 2021 15:21

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	60
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#

