

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022221\
 Data File : VN065962.D
 Acq On : 22 Feb 2021 16:08
 Operator : JC/MD
 Sample : M1431-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 23 00:09:30 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)

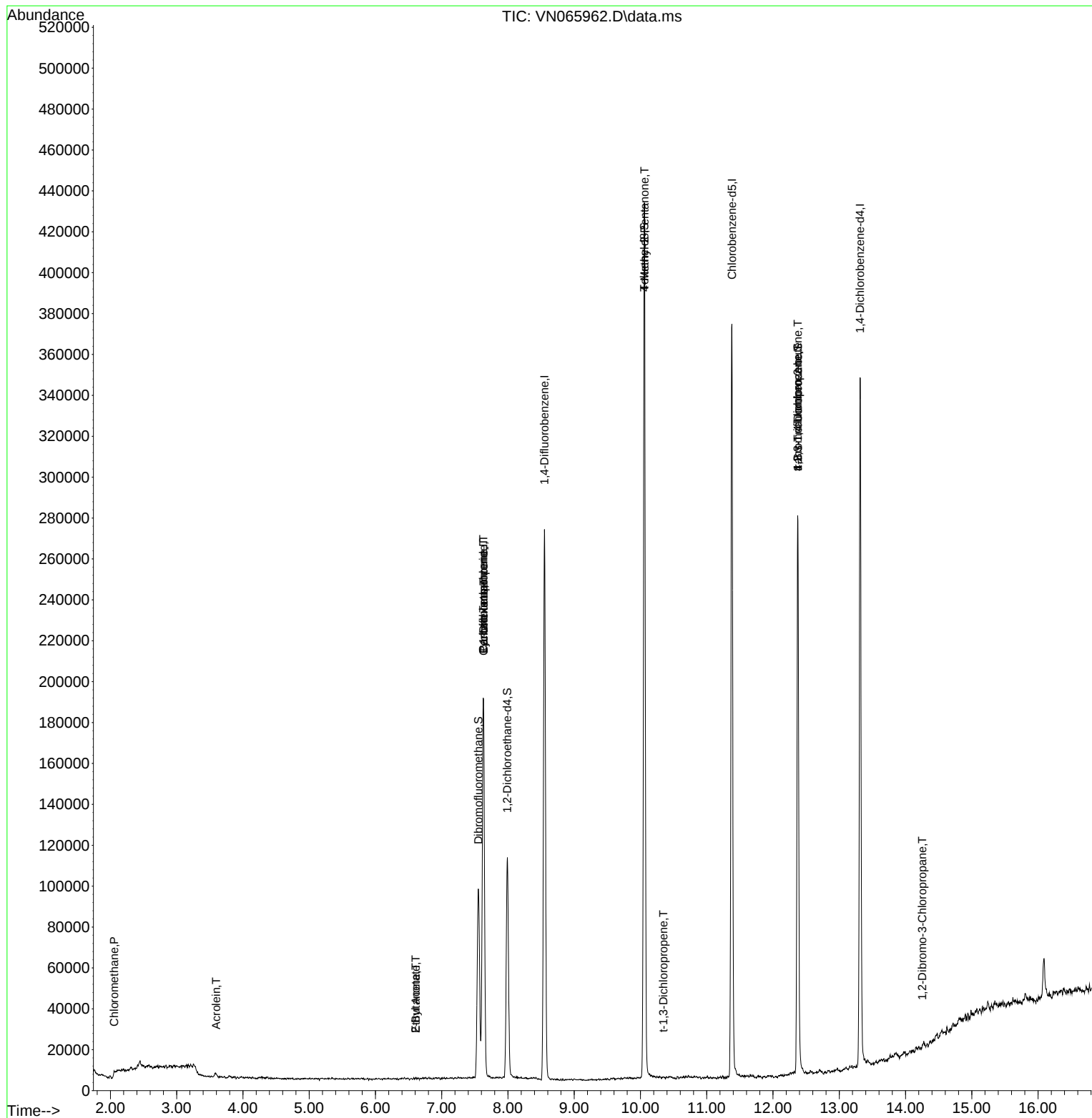
Internal Standards						
1) Pentafluorobenzene	7.627	168	152114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	250422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	228350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	96144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	98635	46.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.74%		
35) Dibromofluoromethane	7.553	113	73902	47.68	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.36%		
50) Toluene-d8	10.058	98	305857	48.08	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.16%		
62) 4-Bromofluorobenzene	12.373	95	111683	46.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.52%		
Target Compounds					Qvalue	
3) Chloromethane	2.055	50	1432	0.57	ug/l #	76
13) Acrolein	3.595	56	2367	8.74	ug/l	96
16) Acetone	3.791	43	255	Below Cal	#	41
25) 2-Butanone	6.608	43	542	0.51	ug/l #	46
31) Cyclohexane	7.630	56	2825	0.89	ug/l #	26
36) 1,1-Dichloropropene	7.627	75	12287	4.98	ug/l #	44
37) Ethyl Acetate	6.608	43	461	0.21	ug/l #	68
38) Carbon Tetrachloride	7.627	117	15200	6.62	ug/l #	17
51) 4-Methyl-2-Pentanone	10.061	43	1465	0.68	ug/l #	1
53) t-1,3-Dichloropropene	10.344	75	170	2.04	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	54086	23.42	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	54086	74.63	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.254	75	88	1.04	ug/l #	1

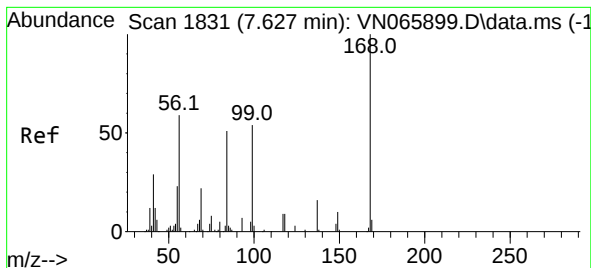
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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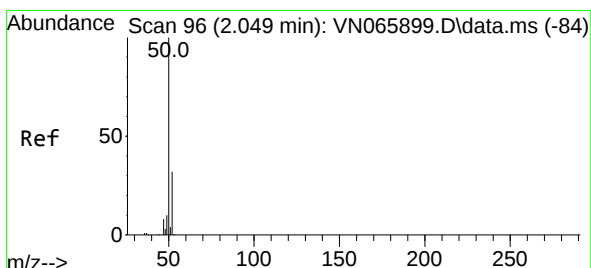
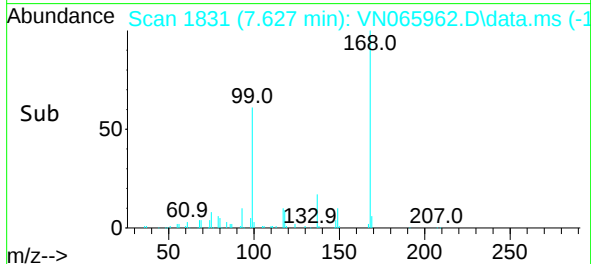
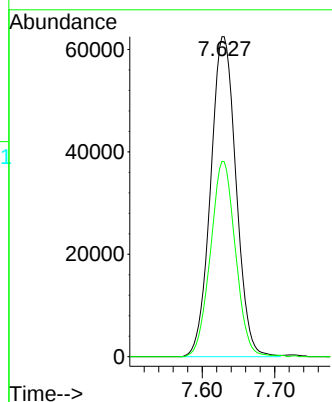
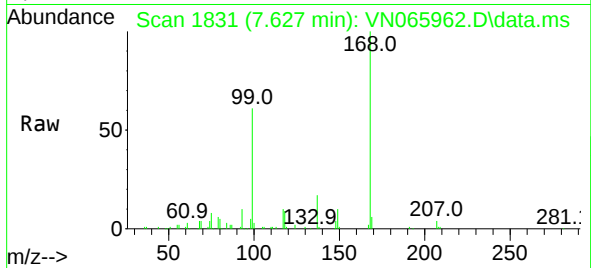




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

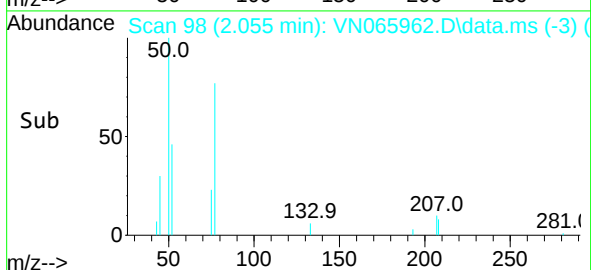
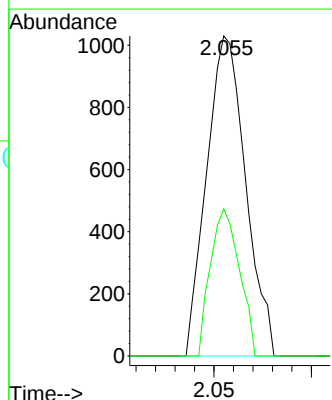
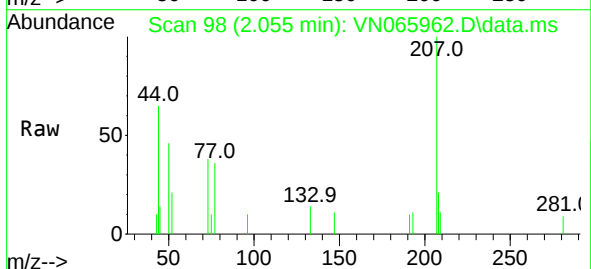
Instrument :
MSVOA_N
ClientSampled :

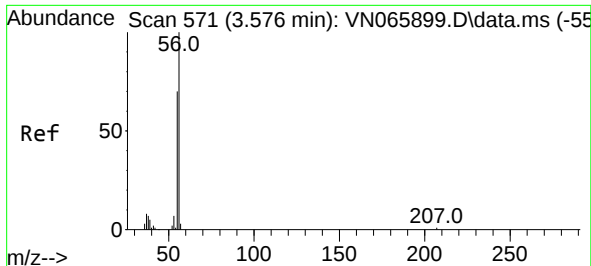
Tgt Ion:168 Resp: 152114
Ion Ratio Lower Upper
168 100
99 61.0 42.6 63.8



#3
Chloromethane
Concen: 0.57 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

Tgt Ion: 50 Resp: 1432
Ion Ratio Lower Upper
50 100
52 45.9 25.8 38.8#

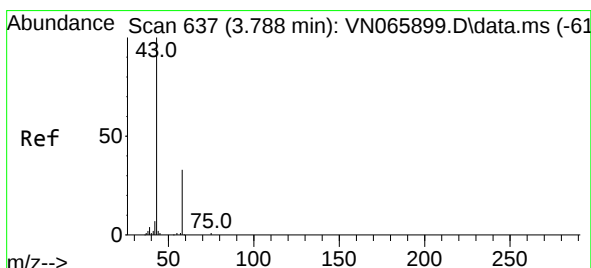
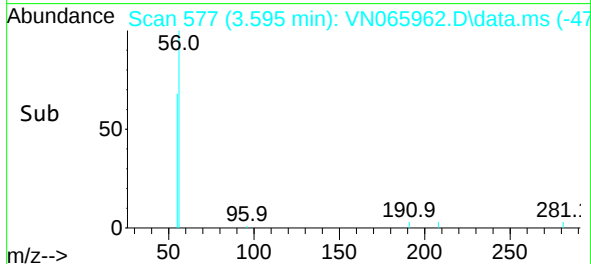
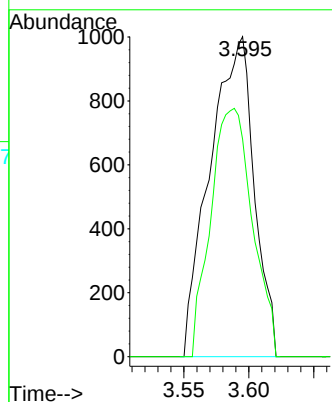
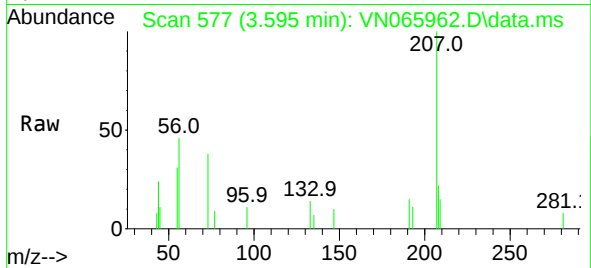




#13
Acrolein
Concen: 8.74 ug/l
RT: 3.595 min Scan# 577
Delta R.T. 0.019 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

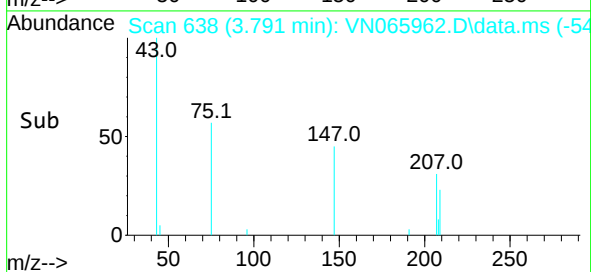
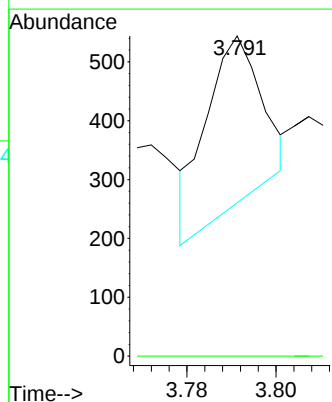
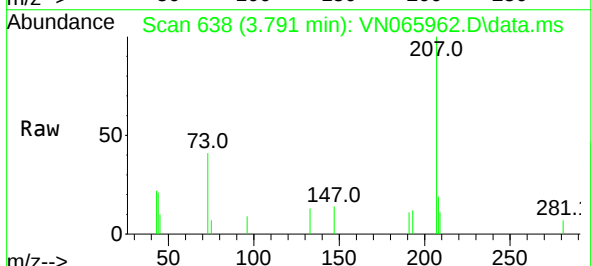
Instrument :
MSVOA_N
ClientSampled :

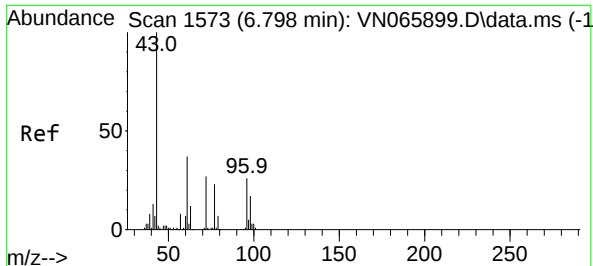
Tgt Ion: 56 Resp: 2367
Ion Ratio Lower Upper
56 100
55 73.3 56.0 84.0



#16
Acetone
Concen: Below Cal
RT: 3.791 min Scan# 638
Delta R.T. 0.003 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

Tgt Ion: 43 Resp: 255
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

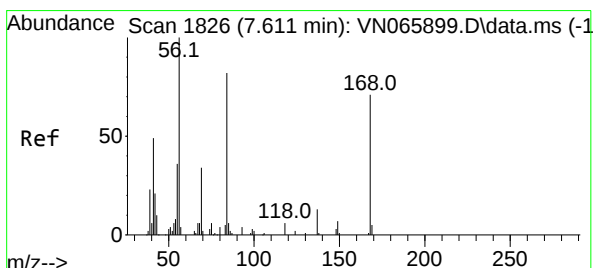
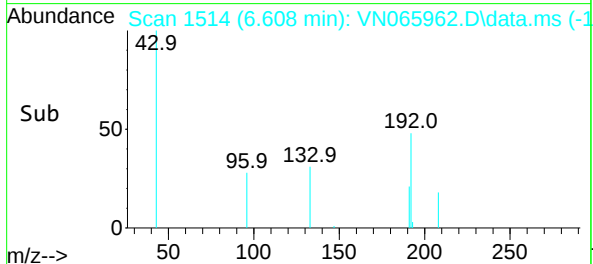
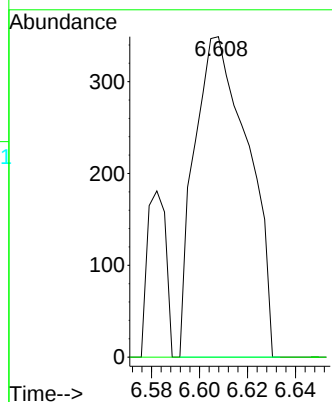
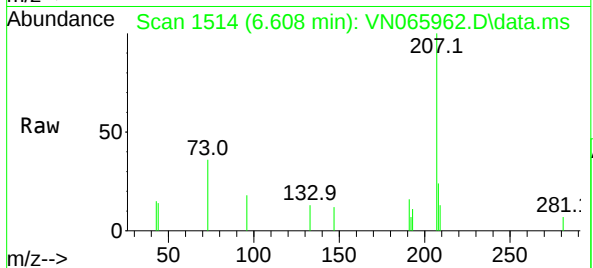




#25
2-Butanone
Concen: 0.51 ug/l
RT: 6.608 min Scan# 1514
Delta R.T. -0.190 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

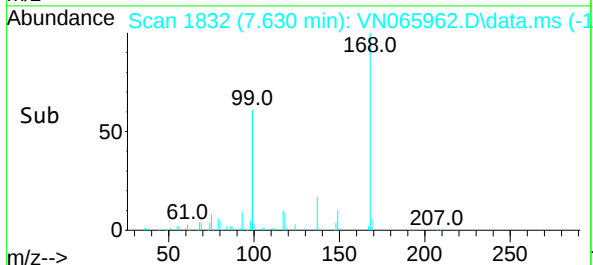
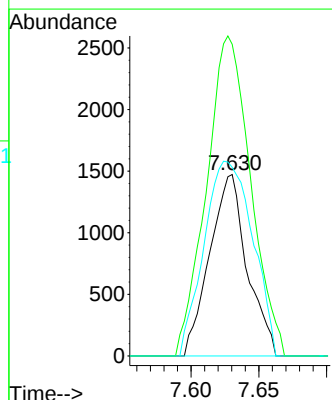
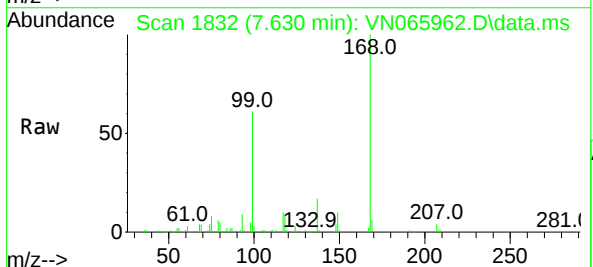
Instrument :
MSVOA_N
ClientSampleId :

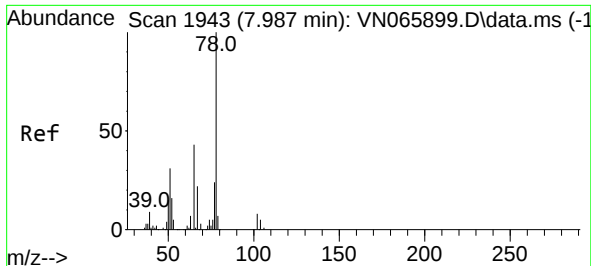
Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.89 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

Tgt Ion: 56 Resp: 2825
Ion Ratio Lower Upper
56 100
69 160.1 26.6 39.8#
84 104.0 70.4 105.6

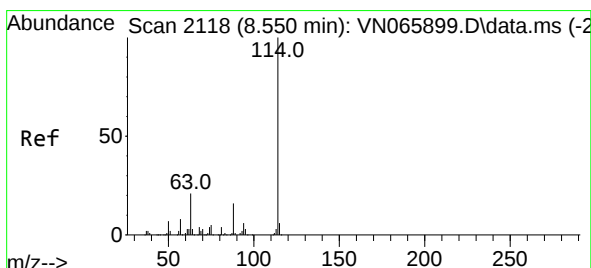
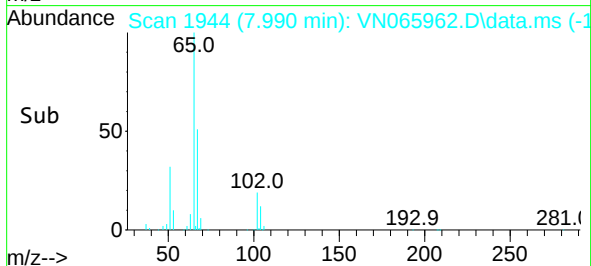
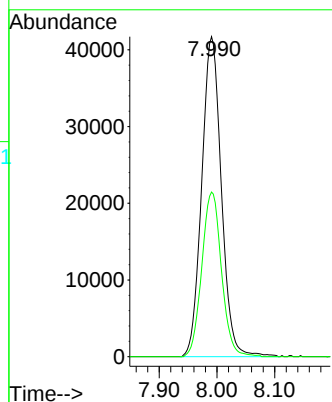
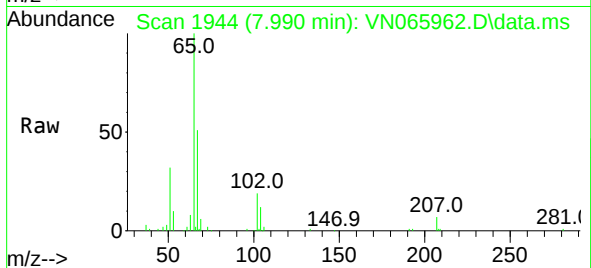




#33
1,2-Dichloroethane-d4
Concen: 46.37 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. 0.003 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

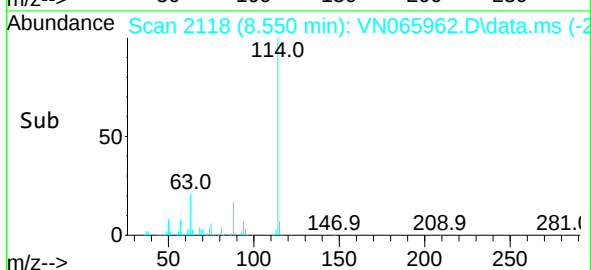
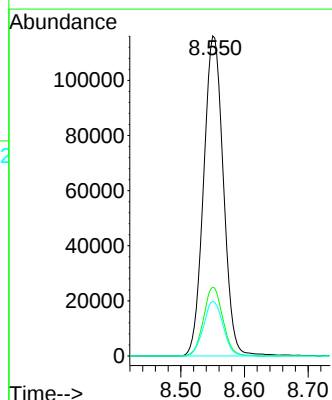
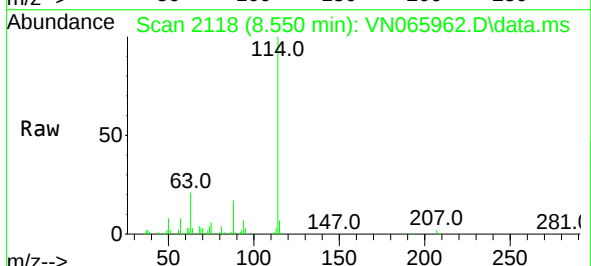
Instrument :
MSVOA_N
ClientSampled :

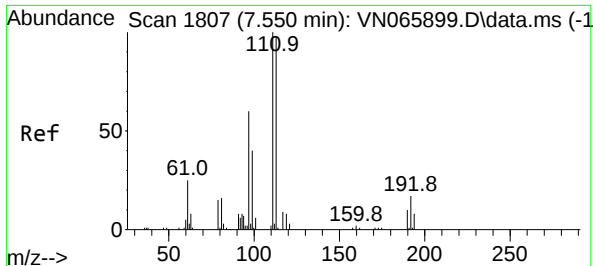
Tgt Ion: 65 Resp: 98635
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

Tgt Ion: 114 Resp: 250422
Ion Ratio Lower Upper
114 100
63 21.5 0.0 38.6
88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.68 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN065962.D

Acq: 22 Feb 2021 16:08

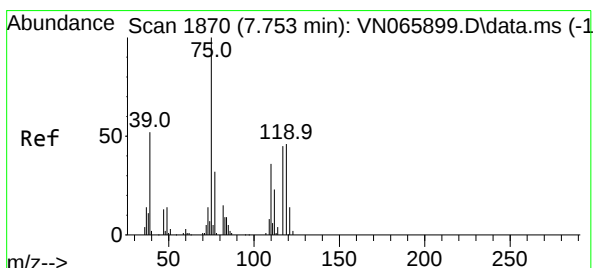
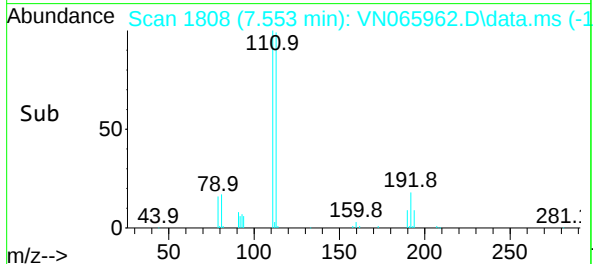
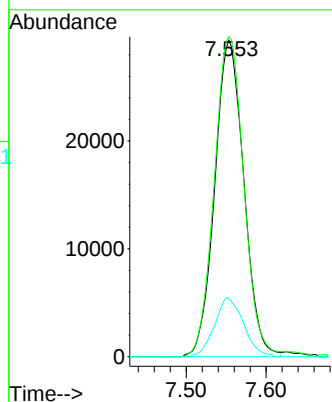
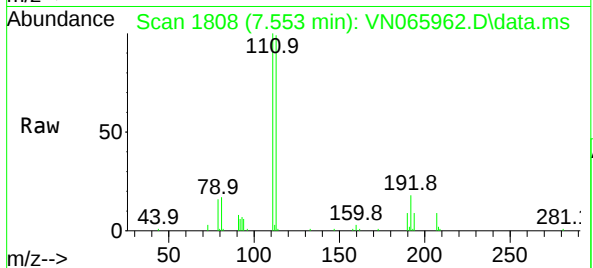
Tgt Ion:113 Resp: 73902

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 18.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.98 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. -0.126 min

Lab File: VN065962.D

Acq: 22 Feb 2021 16:08

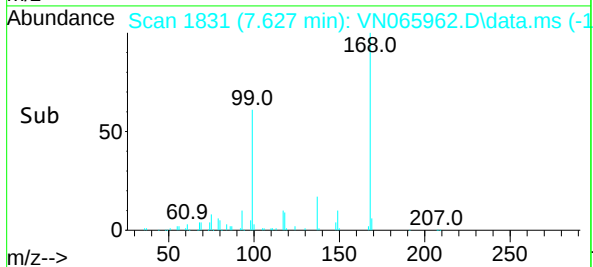
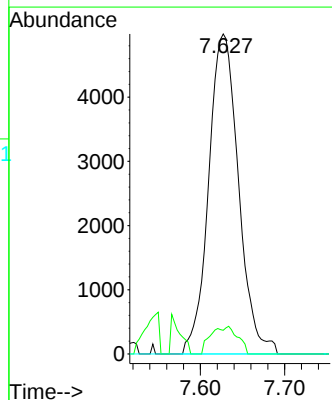
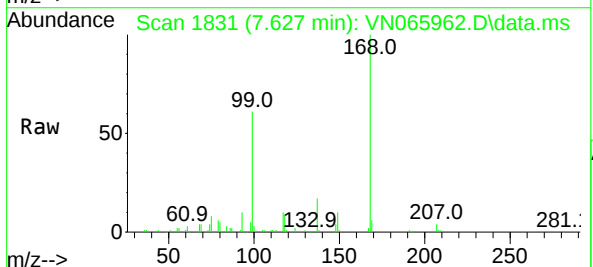
Tgt Ion: 75 Resp: 12287

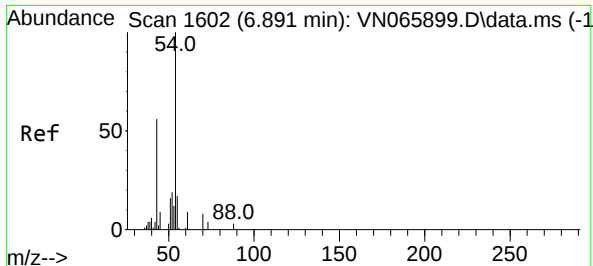
Ion Ratio Lower Upper

75 100

110 4.0 18.2 54.6#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.21 ug/l

RT: 6.608 min Scan# 1514

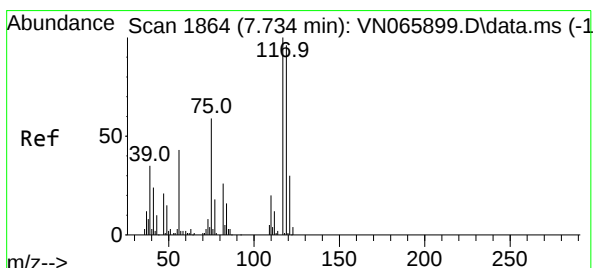
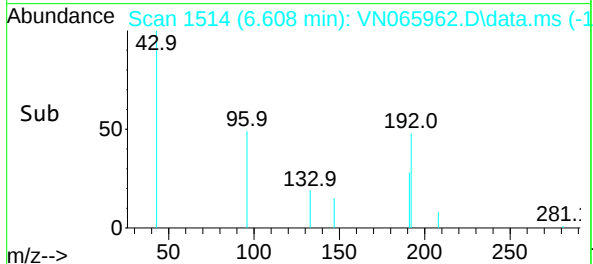
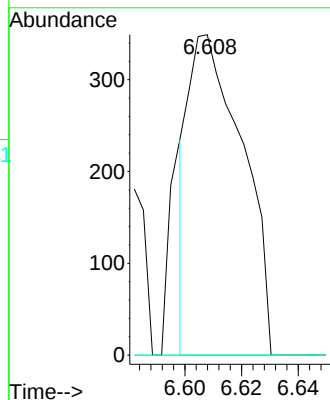
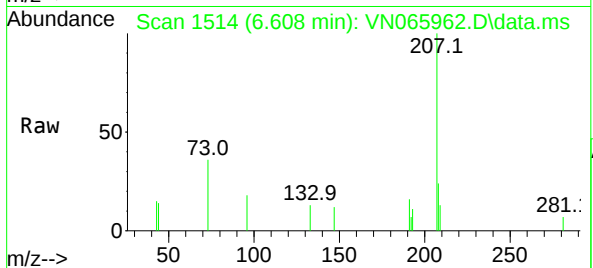
Delta R.T. -0.283 min

Lab File: VN065962.D

Acq: 22 Feb 2021 16:08

Tgt Ion:	43	Resp:	461
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#

Instrument :
MSVOA_N
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.62 ug/l

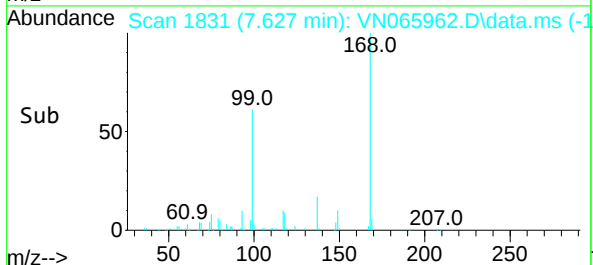
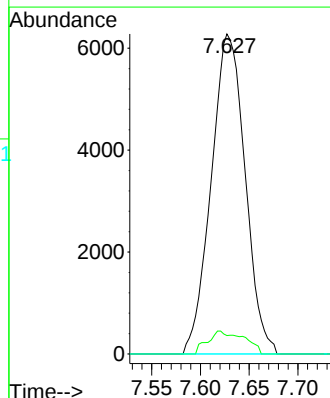
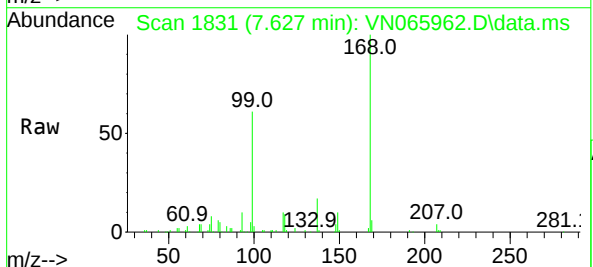
RT: 7.627 min Scan# 1831

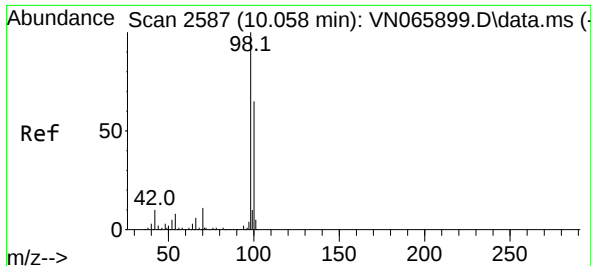
Delta R.T. -0.107 min

Lab File: VN065962.D

Acq: 22 Feb 2021 16:08

Tgt Ion:	117	Resp:	15200
Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.0	114.0#
121	0.0	24.5	36.7#

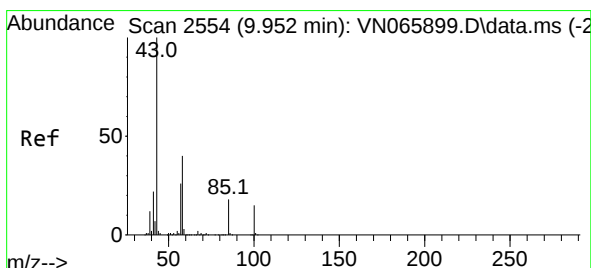
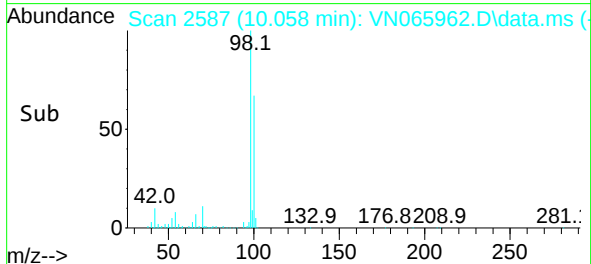
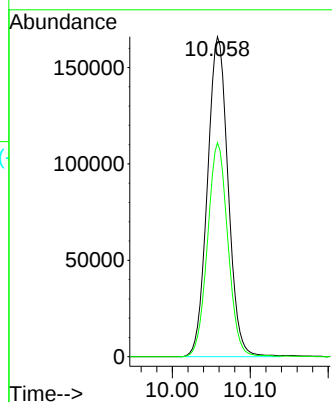
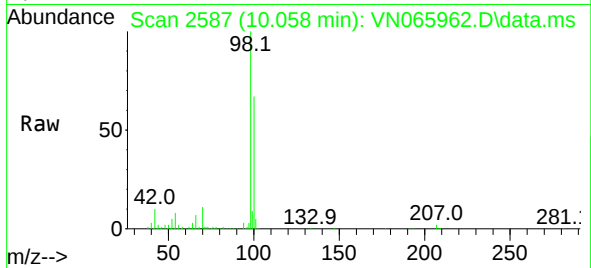




#50
Toluene-d8
Concen: 48.08 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

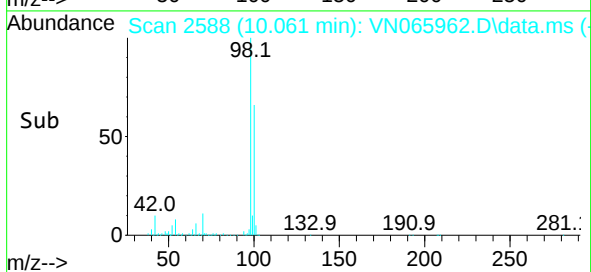
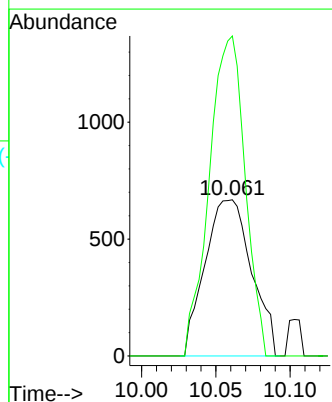
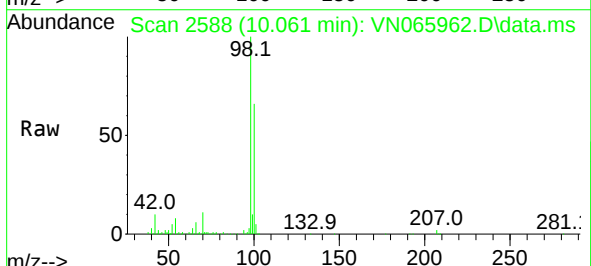
Instrument :
MSVOA_N
ClientSampled :

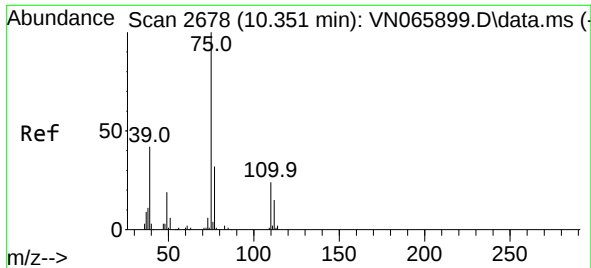
Tgt Ion: 98 Resp: 305857
Ion Ratio Lower Upper
98 100
100 65.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.68 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.109 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

Tgt Ion: 43 Resp: 1465
Ion Ratio Lower Upper
43 100
58 156.8 32.5 48.7#

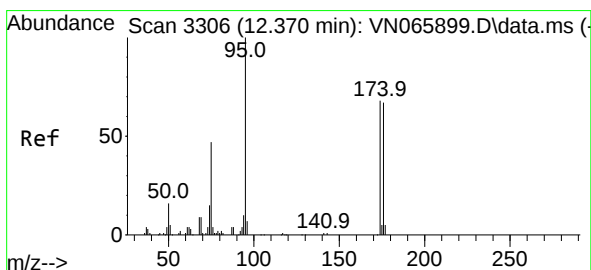
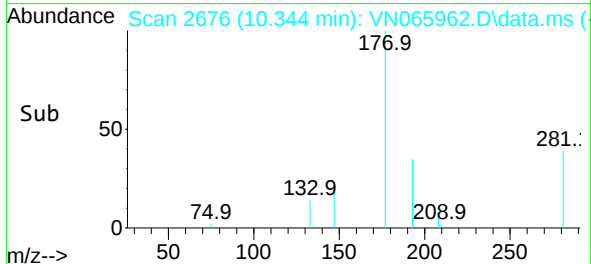
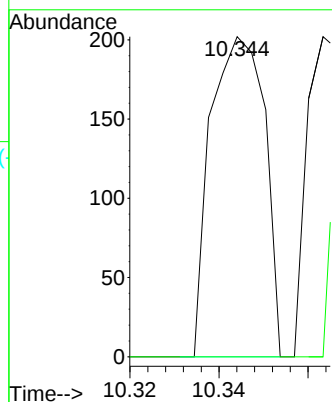
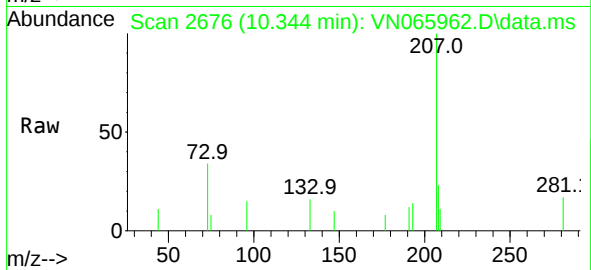




#53
t-1,3-Dichloropropene
Concen: 2.04 ug/l
RT: 10.344 min Scan# 2676
Delta R.T. -0.007 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

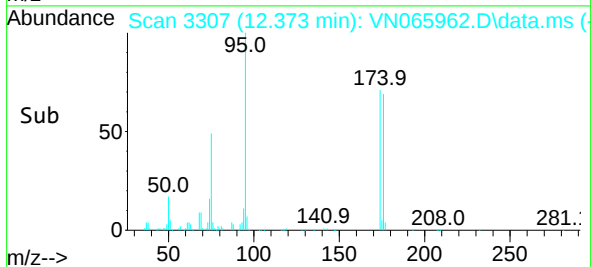
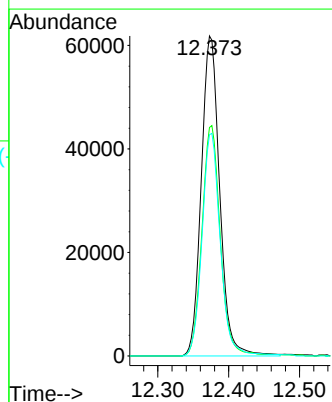
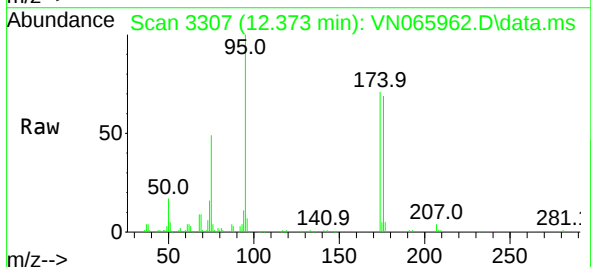
Instrument :
MSVOA_N
ClientSampled :

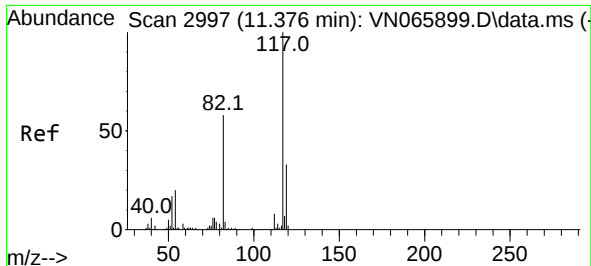
Tgt Ion: 75 Resp: 170
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#



#62
4-Bromofluorobenzene
Concen: 46.76 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

Tgt Ion: 95 Resp: 111683
Ion Ratio Lower Upper
95 100
174 71.5 0.0 169.0
176 69.2 0.0 162.4

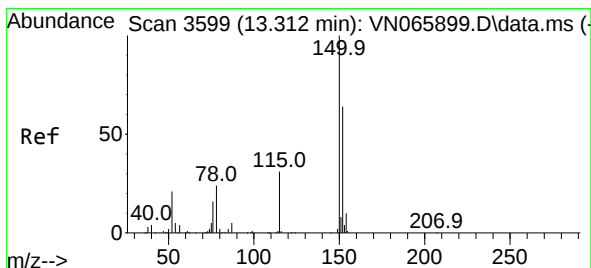
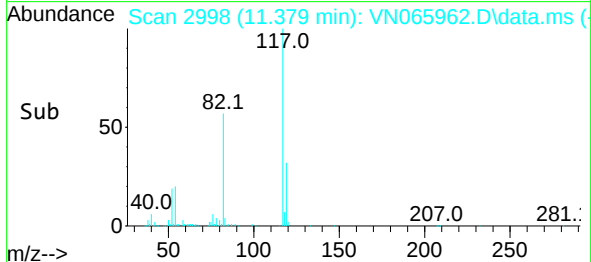
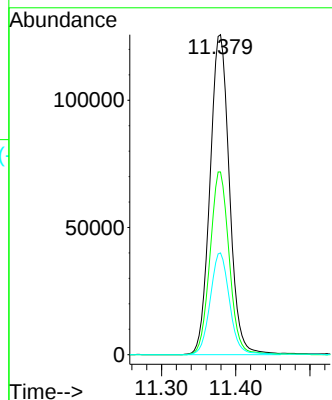
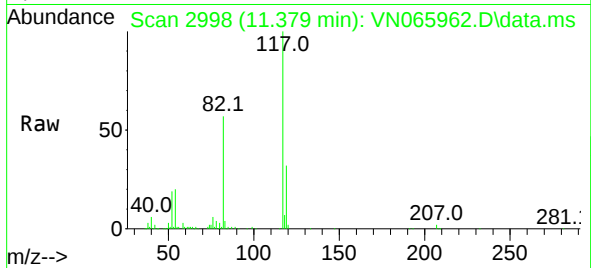




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

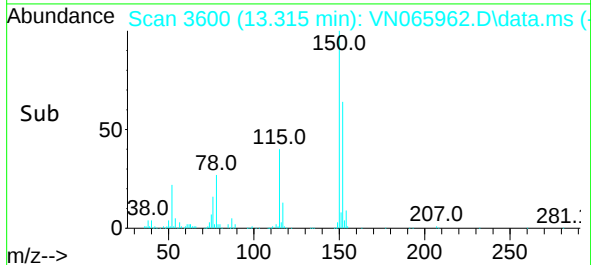
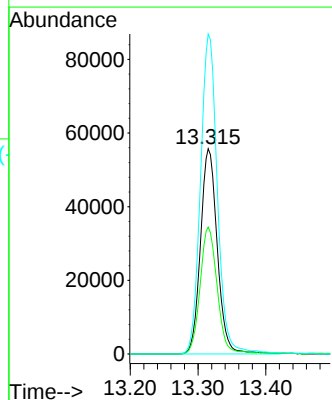
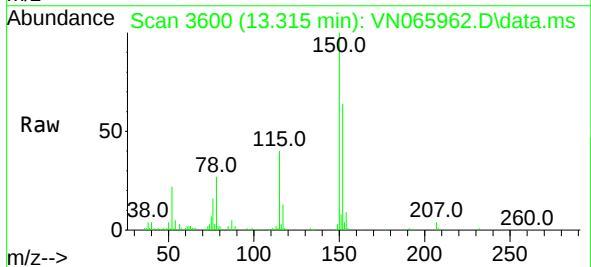
Instrument :
MSVOA_N
ClientSampled :

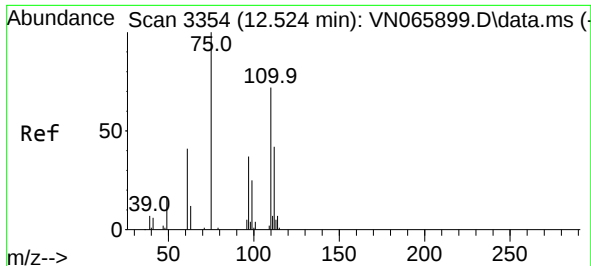
Tgt Ion:117 Resp: 228350
Ion Ratio Lower Upper
117 100
82 57.1 43.7 65.5
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

Tgt Ion:152 Resp: 96144
Ion Ratio Lower Upper
152 100
115 62.5 28.5 85.6
150 157.0 0.0 347.6

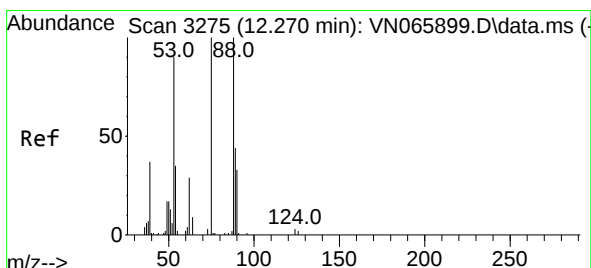
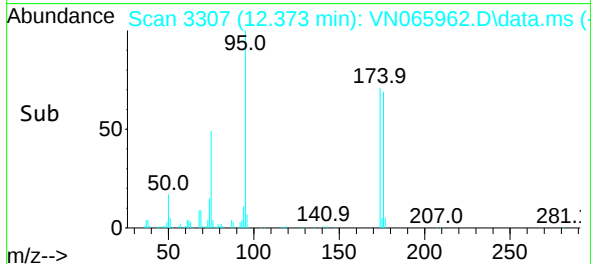
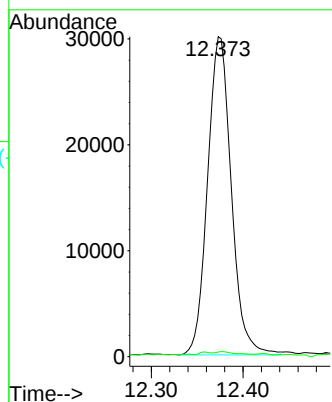
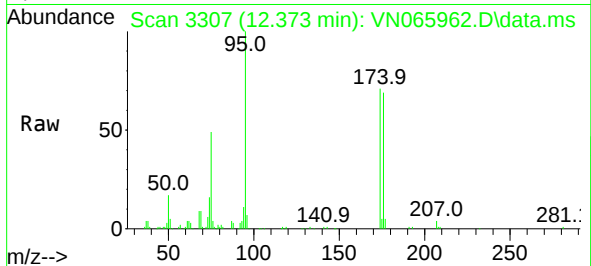




#76
1,2,3-Trichloropropane
Concen: 23.42 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

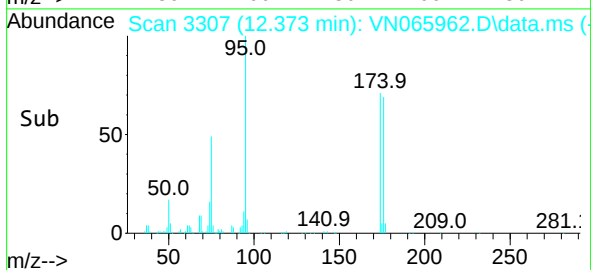
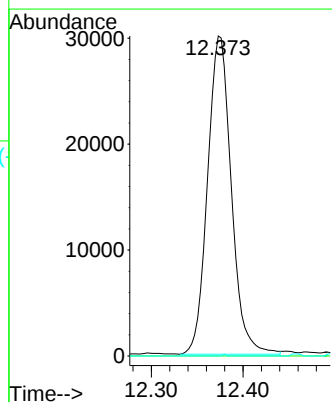
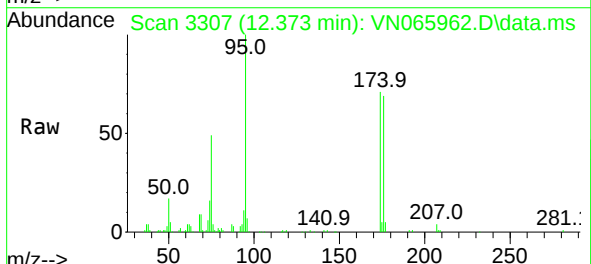
Instrument :
MSVOA_N
ClientSampled :

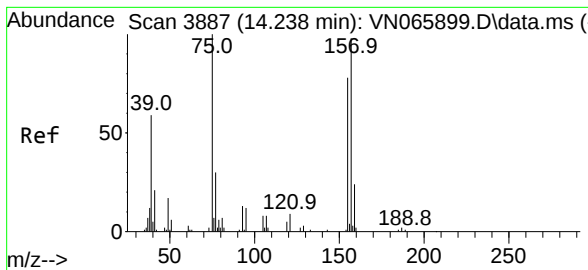
Tgt Ion: 75 Resp: 54086
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.63 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065962.D
Acq: 22 Feb 2021 16:08

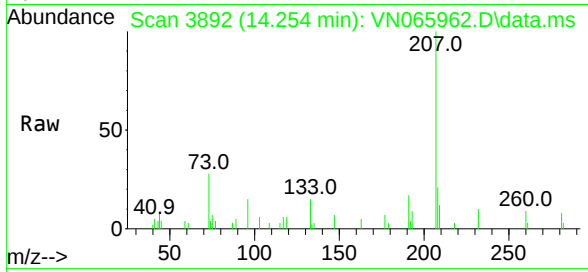
Tgt Ion: 75 Resp: 54086
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.1 35.8 53.8#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.04 ug/l
 RT: 14.254 min Scan# 3892
 Delta R.T. 0.016 min
 Lab File: VN065962.D
 Acq: 22 Feb 2021 16:08

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	88
Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.1	132.4#
157	0.0	56.0	168.2#

