

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065923.D
 Acq On : 18 Feb 2021 3:48
 Operator : JC/MD
 Sample : M1432-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR2-140-148-021621

Quant Time: Feb 18 04:07:57 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)

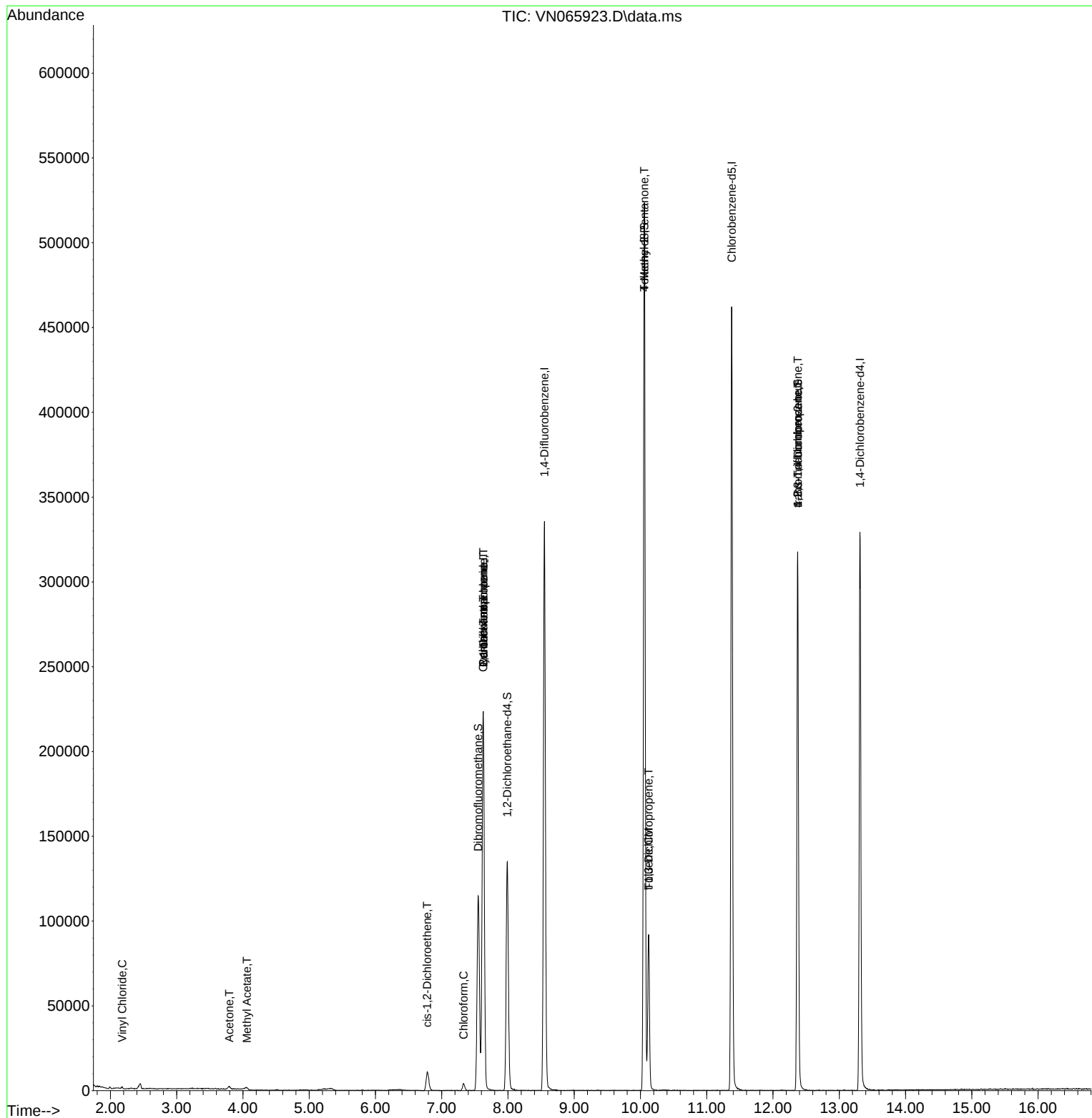
Internal Standards						
1) Pentafluorobenzene	7.627	168	181622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	306726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	275609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	94020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	120243	47.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.68%		
35) Dibromofluoromethane	7.550	113	91823	48.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.74%		
50) Toluene-d8	10.058	98	378838	48.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.24%		
62) 4-Bromofluorobenzene	12.373	95	125852	43.02	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.04%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.177	62	833	0.28	ug/l #	86
16) Acetone	3.795	43	2971	2.13	ug/l #	84
18) Methyl Acetate	4.062	43	437	0.21	ug/l #	51
27) cis-1,2-Dichloroethene	6.782	96	8127	3.33	ug/l	92
30) Chloroform	7.332	83	4481	1.13	ug/l	95
31) Cyclohexane	7.624	56	3344	0.88	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	14338	4.74	ug/l #	48
38) Carbon Tetrachloride	7.627	117	17759	6.32	ug/l #	17
51) 4-Methyl-2-Pentanone	10.058	43	1450	0.55	ug/l #	1
52) Toluene	10.122	92	41016	7.20	ug/l	98
53) t-1,3-Dichloropropene	10.122	75	312	2.06	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	61016	27.01	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	61016	86.09	ug/l #	12

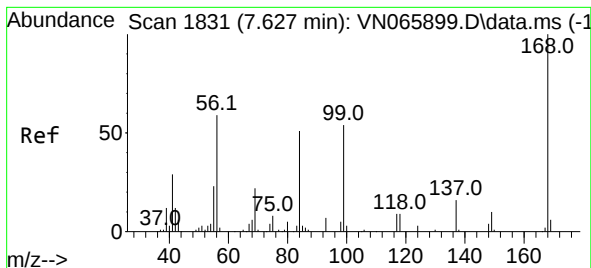
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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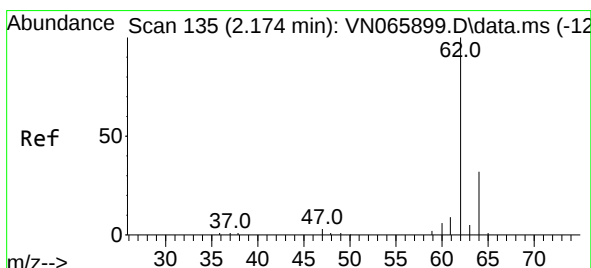
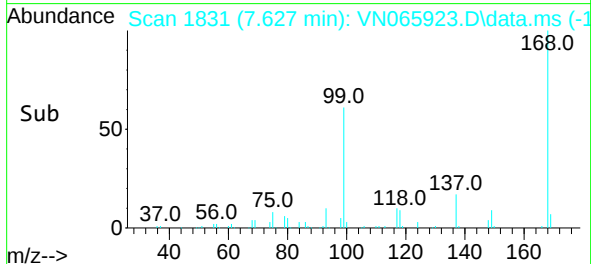
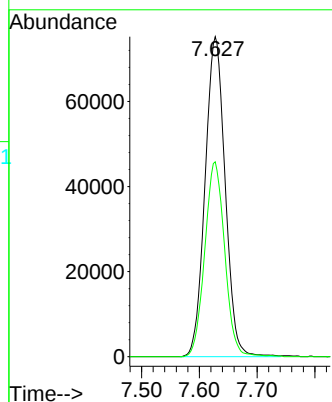
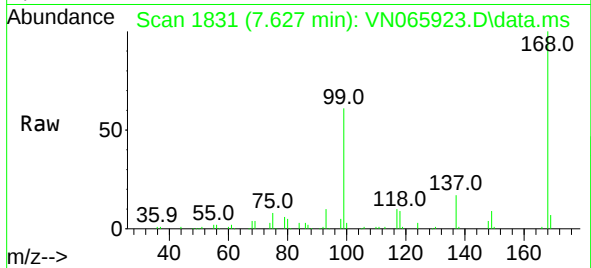




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

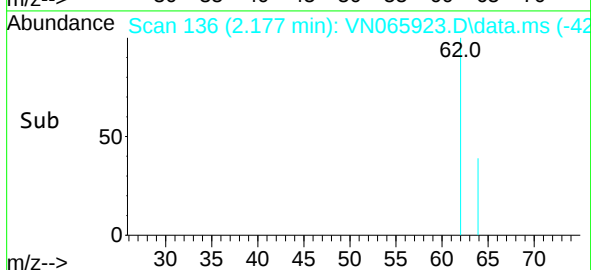
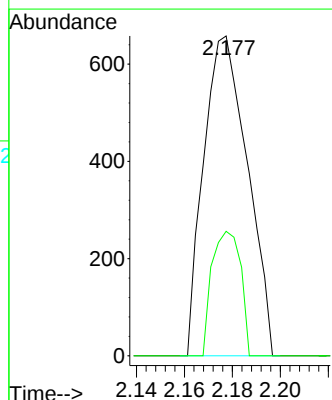
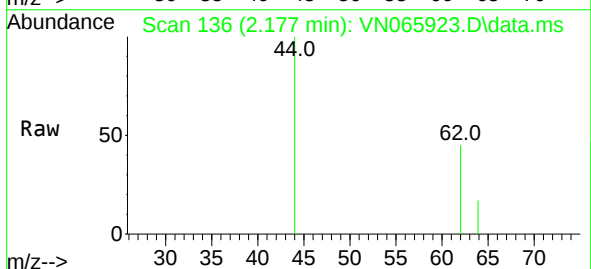
Instrument :
MSVOA_N
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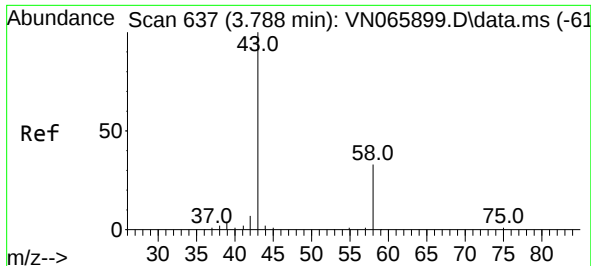
Tgt Ion:168 Resp: 181622
Ion Ratio Lower Upper
168 100
99 60.9 42.6 63.8



#4
Vinyl Chloride
Concen: 0.28 ug/l
RT: 2.177 min Scan# 136
Delta R.T. 0.003 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

Tgt Ion: 62 Resp: 833
Ion Ratio Lower Upper
62 100
64 38.9 25.1 37.7#

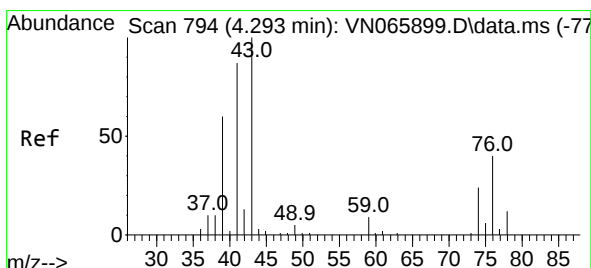
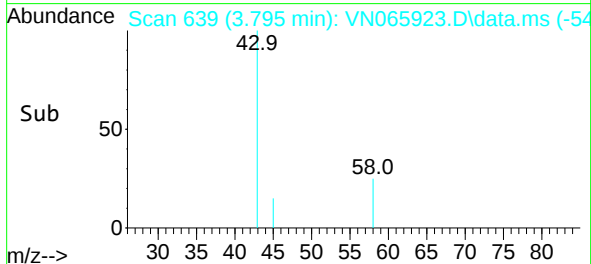
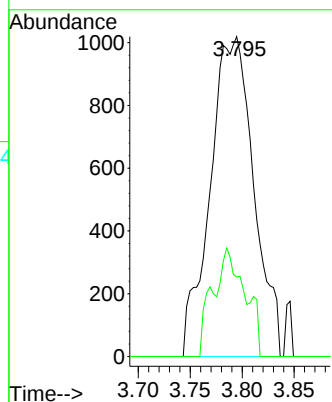
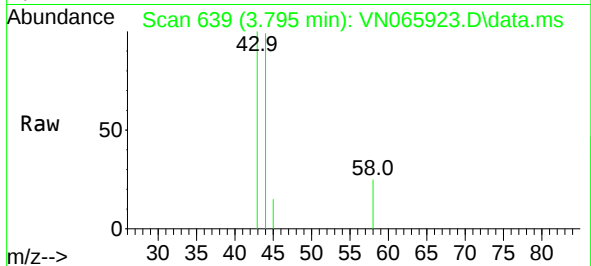




#16
Acetone
Concen: 2.13 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.007 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

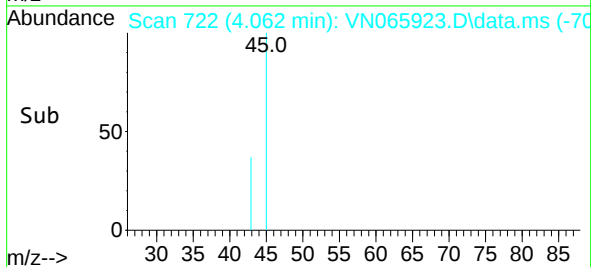
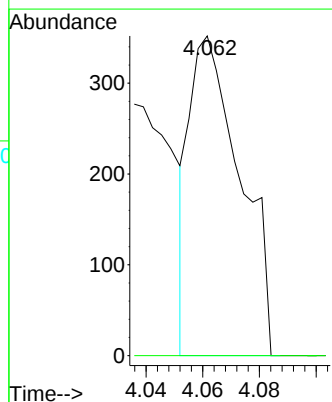
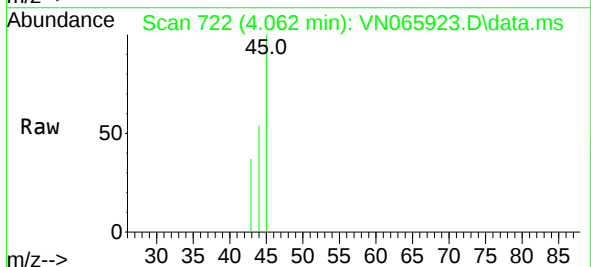
Instrument :
MSVOA_N
ClientSampleId :
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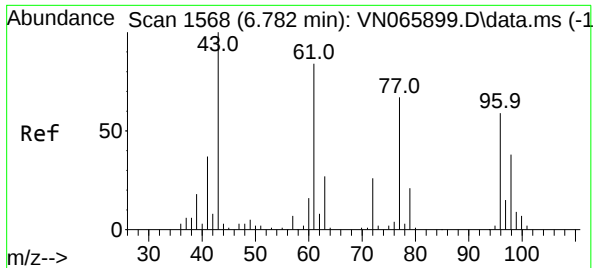
Tgt Ion: 43 Resp: 2971
Ion Ratio Lower Upper
43 100
58 24.8 27.0 40.6#



#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 4.062 min Scan# 722
Delta R.T. -0.231 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

Tgt Ion: 43 Resp: 437
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

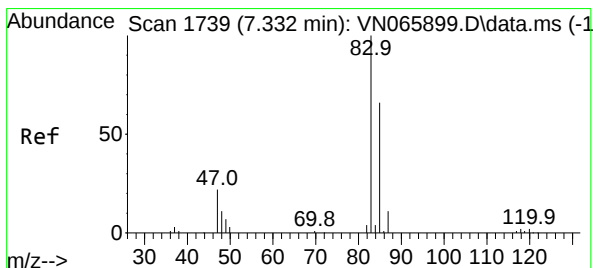
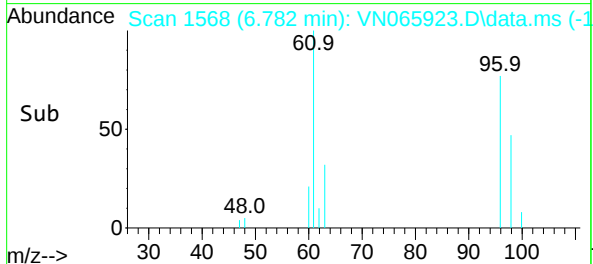
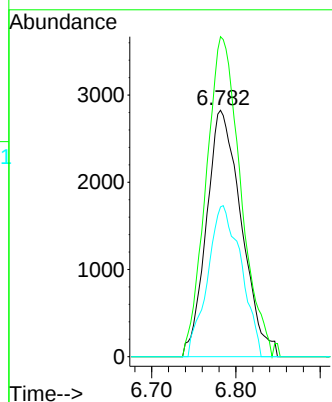
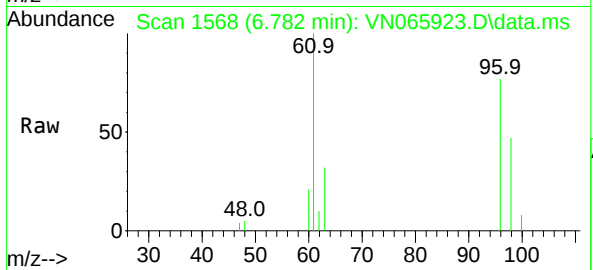




#27
 cis-1,2-Dichloroethene
 Concen: 3.33 ug/l
 RT: 6.782 min Scan# 1568
 Delta R.T. -0.000 min
 Lab File: VN065923.D
 Acq: 18 Feb 2021 3:48

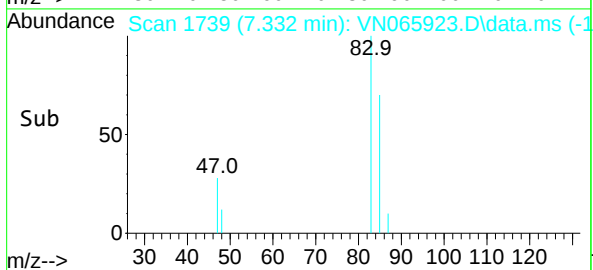
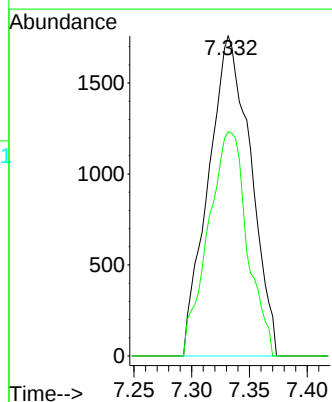
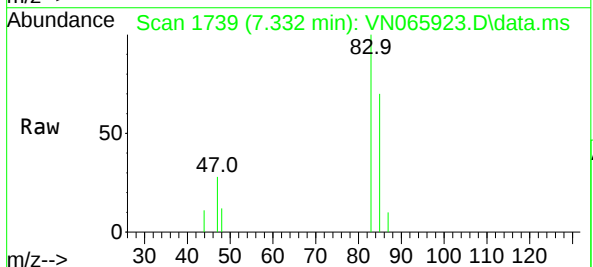
Instrument :
 MSVOA_N
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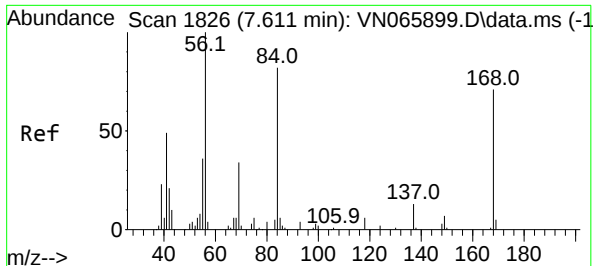
Tgt Ion:	96	Resp:	8127
Ion	Ratio	Lower	Upper
96	100		
61	128.4	0.0	276.8
98	59.0	0.0	129.4



#30
 Chloroform
 Concen: 1.13 ug/l
 RT: 7.332 min Scan# 1739
 Delta R.T. -0.000 min
 Lab File: VN065923.D
 Acq: 18 Feb 2021 3:48

Tgt Ion:	83	Resp:	4481
Ion	Ratio	Lower	Upper
83	100		
85	70.0	52.6	78.8

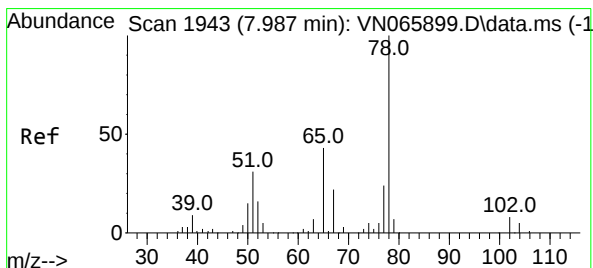
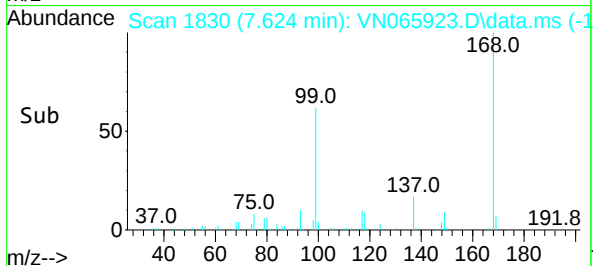
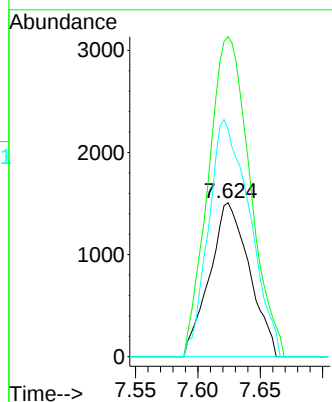
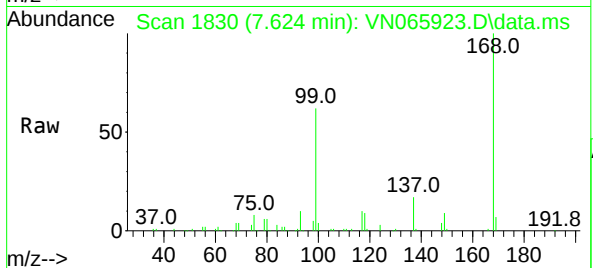




#31
Cyclohexane
Concen: 0.88 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

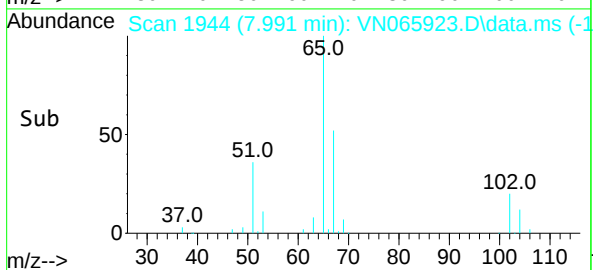
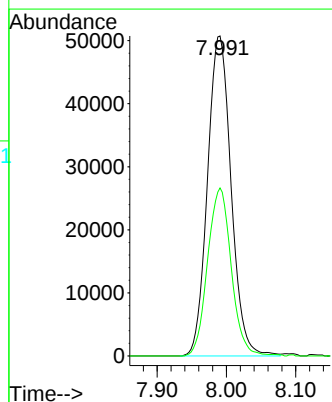
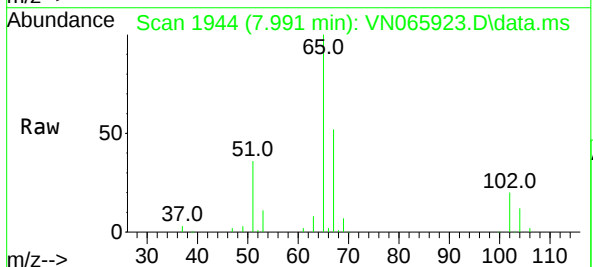
Instrument :
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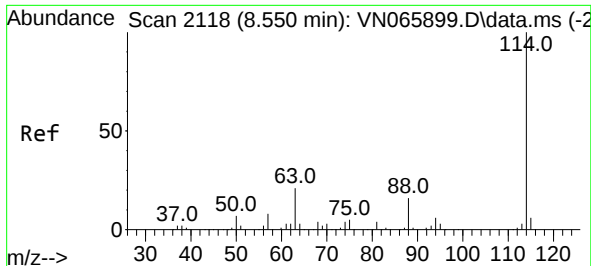
Tgt Ion: 56 Resp: 3344
Ion Ratio Lower Upper
56 100
69 208.0 26.6 39.8#
84 147.9 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.34 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

Tgt Ion: 65 Resp: 120243
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.2

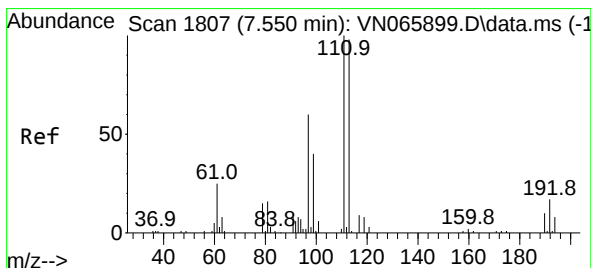
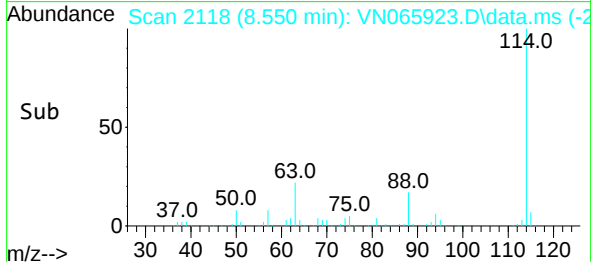
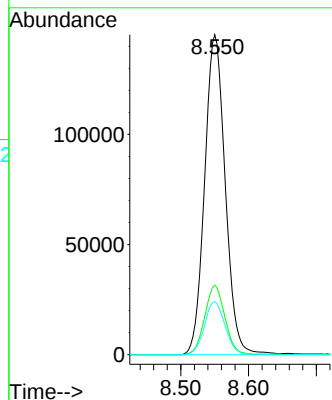
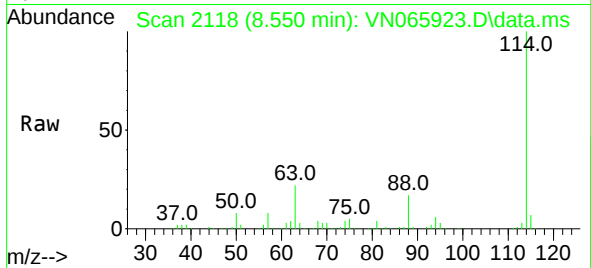




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

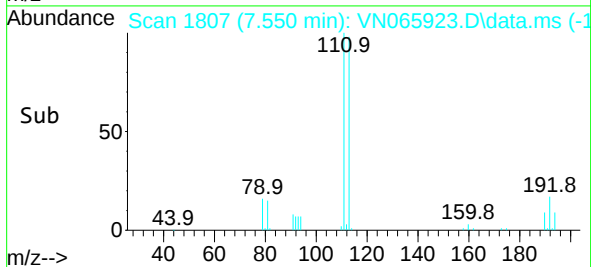
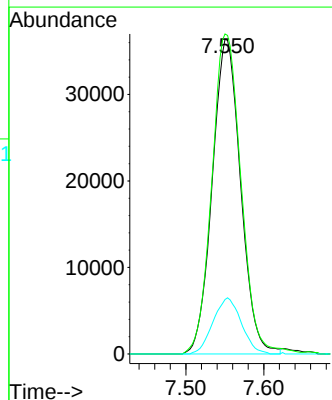
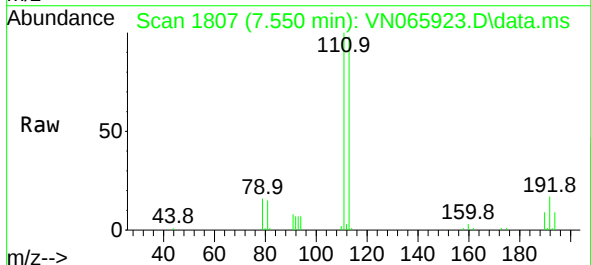
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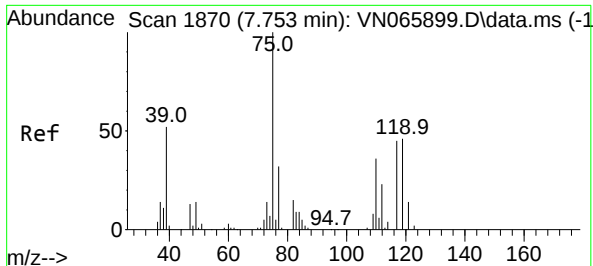
Tgt Ion:114 Resp: 306726
Ion Ratio Lower Upper
114 100
63 21.8 0.0 38.6
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.37 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

Tgt Ion:113 Resp: 91823
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.2
192 17.8 15.4 23.0

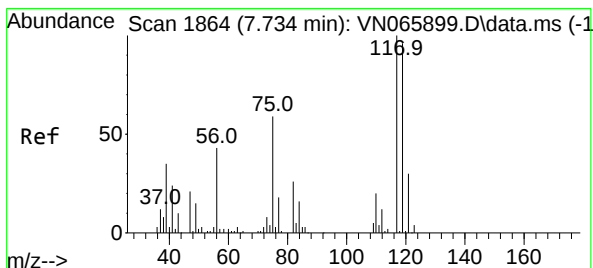
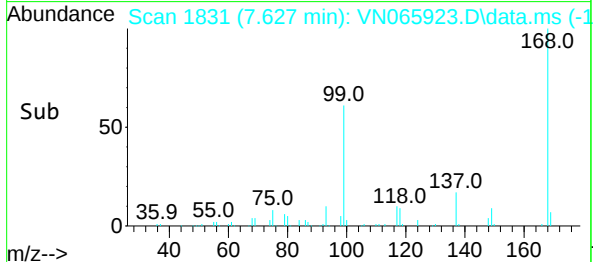
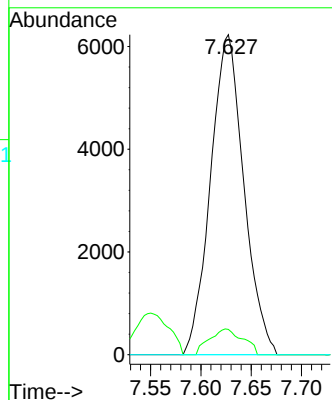
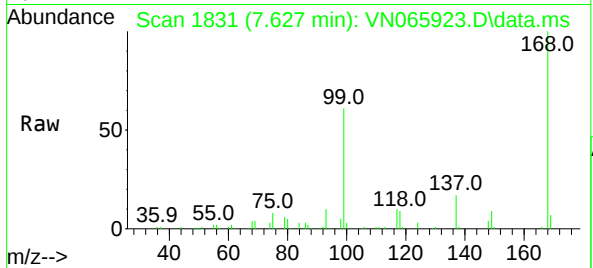




#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

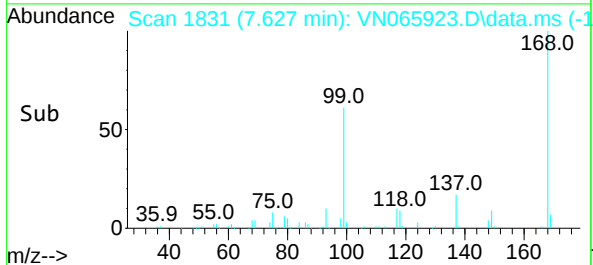
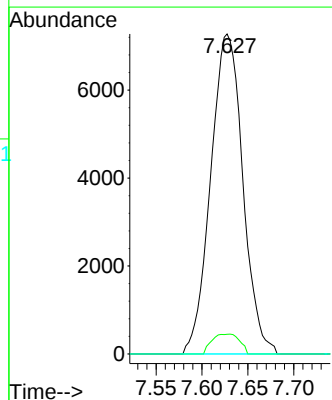
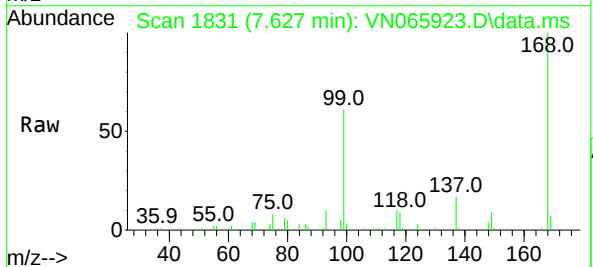
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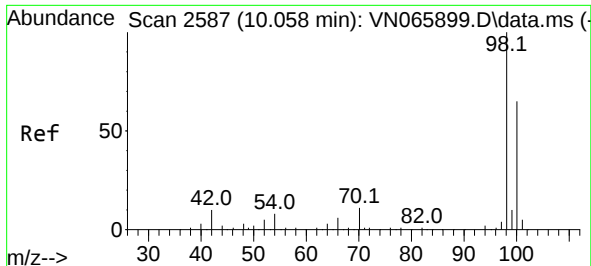
Tgt Ion: 75 Resp: 14338
Ion Ratio Lower Upper
75 100
110 8.1 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

Tgt Ion: 117 Resp: 17759
Ion Ratio Lower Upper
117 100
119 6.1 76.0 114.0#
121 0.0 24.5 36.7#

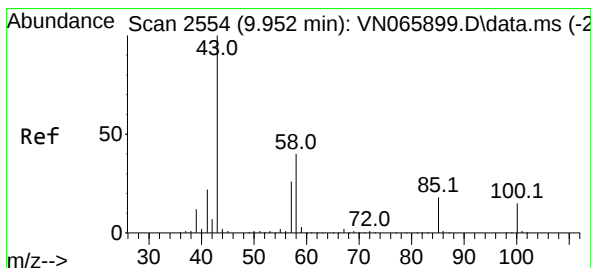
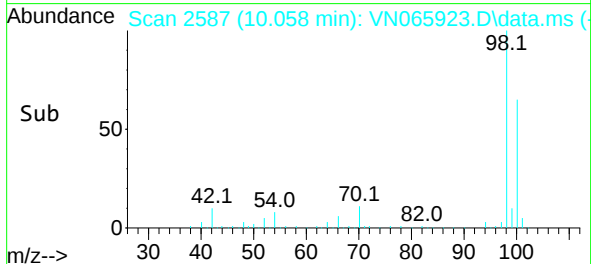
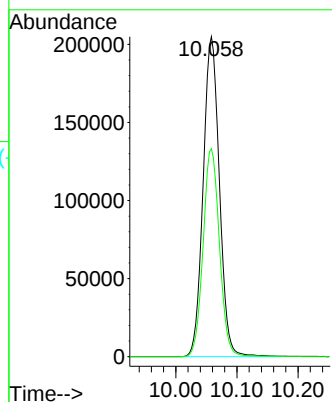
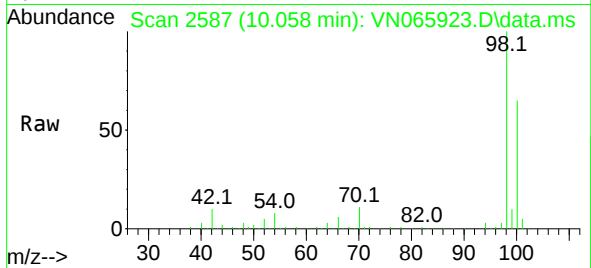




#50
Toluene-d8
Concen: 48.62 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

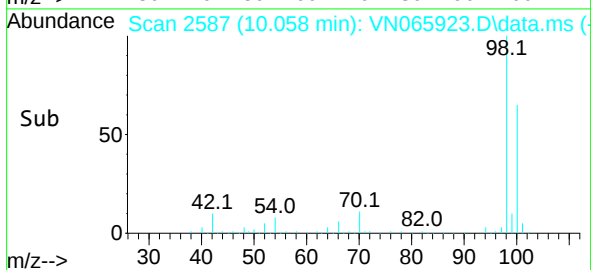
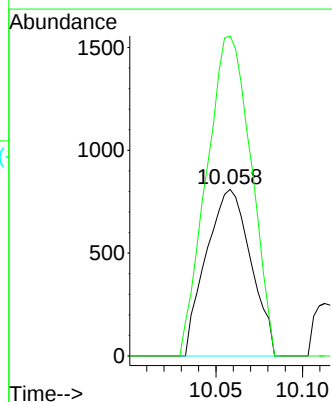
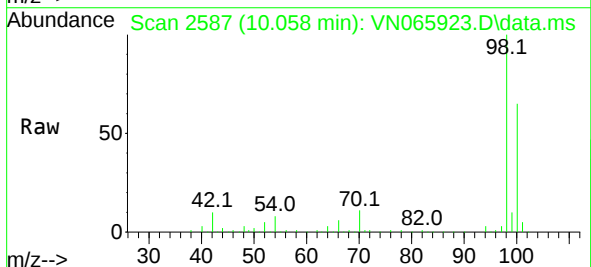
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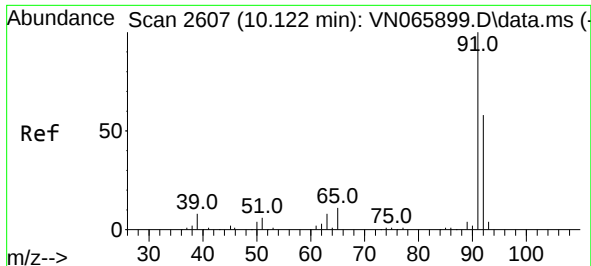
Tgt Ion: 98 Resp: 378838
Ion Ratio Lower Upper
98 100
100 65.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

Tgt Ion: 43 Resp: 1450
Ion Ratio Lower Upper
43 100
58 191.3 32.5 48.7#

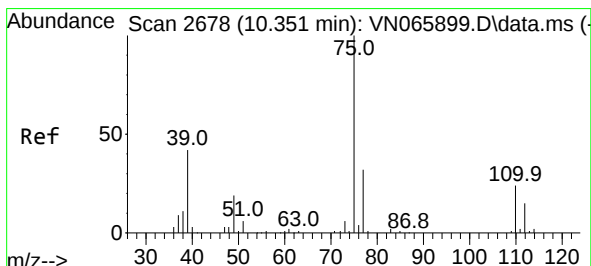
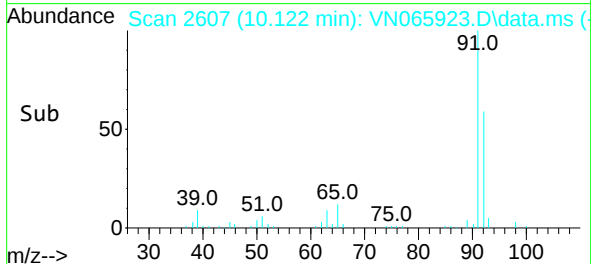
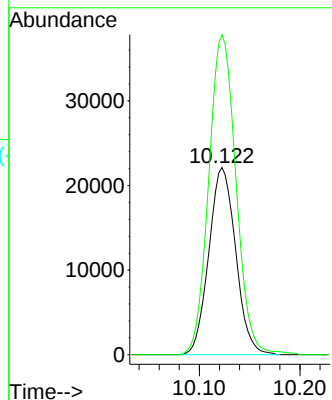
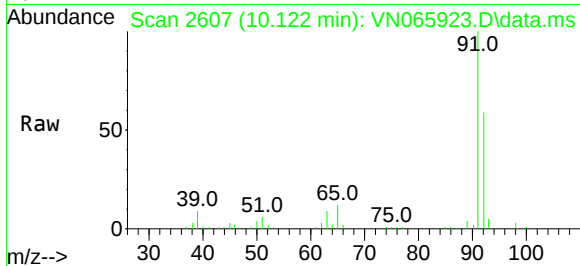




#52
Toluene
Concen: 7.20 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

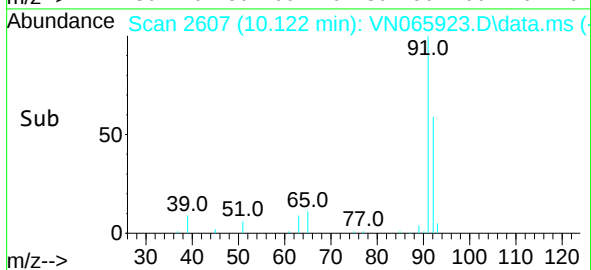
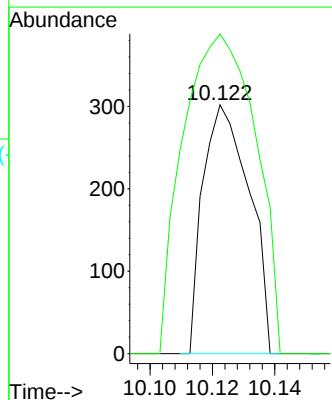
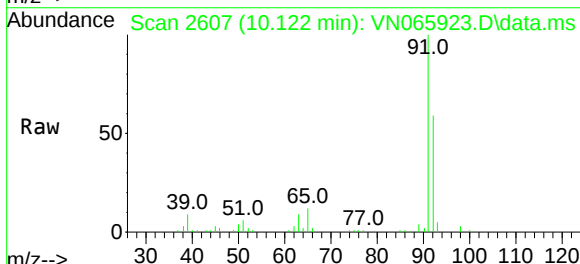
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-140-148-021621

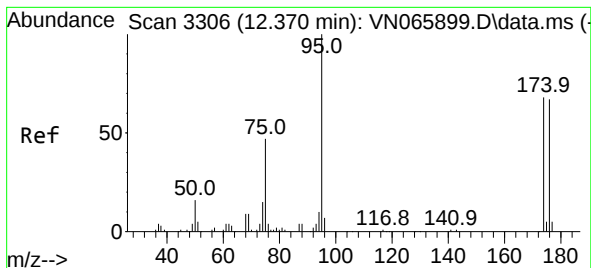
Tgt Ion: 92 Resp: 41016
Ion Ratio Lower Upper
92 100
91 173.6 140.7 211.1



#53
t-1,3-Dichloropropene
Concen: 2.06 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. -0.229 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

Tgt Ion: 75 Resp: 312
Ion Ratio Lower Upper
75 100
77 128.5 26.2 39.4#

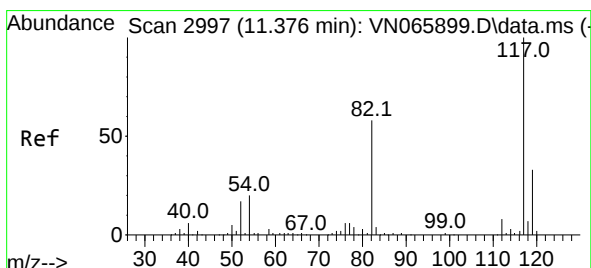
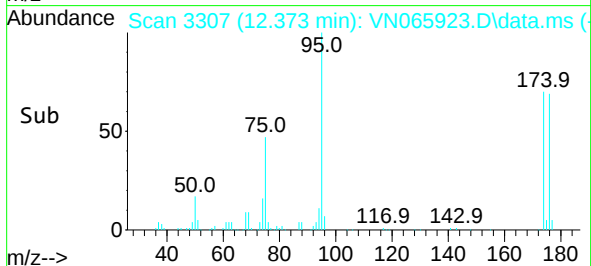
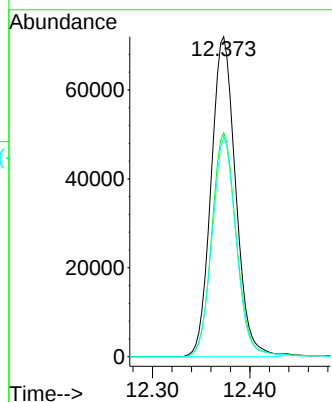
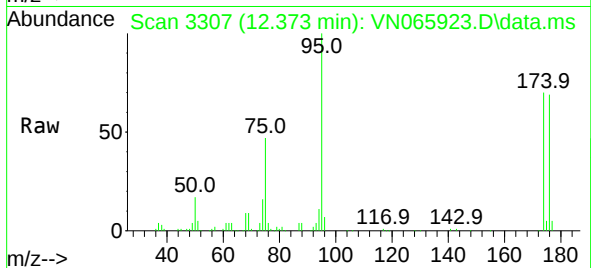




#62
4-Bromofluorobenzene
Concen: 43.02 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

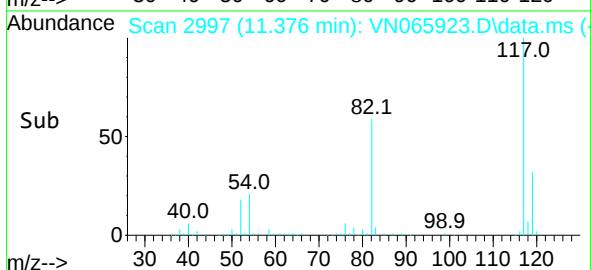
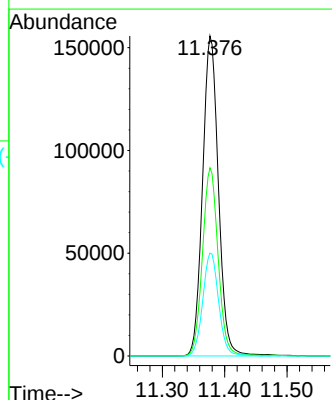
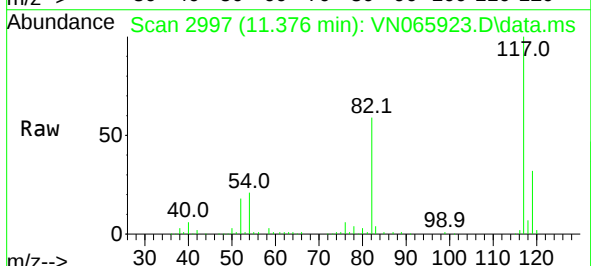
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-140-148-021621

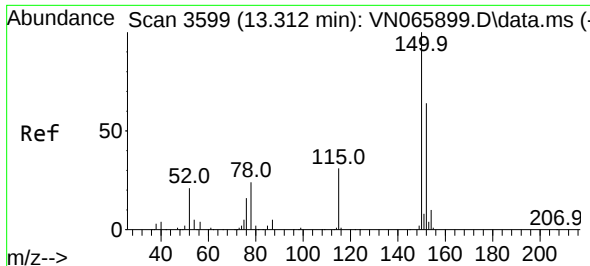
Tgt Ion: 95 Resp: 125852
Ion Ratio Lower Upper
95 100
174 70.7 0.0 169.0
176 67.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

Tgt Ion: 117 Resp: 275609
Ion Ratio Lower Upper
117 100
82 58.8 43.7 65.5
119 32.2 26.1 39.1

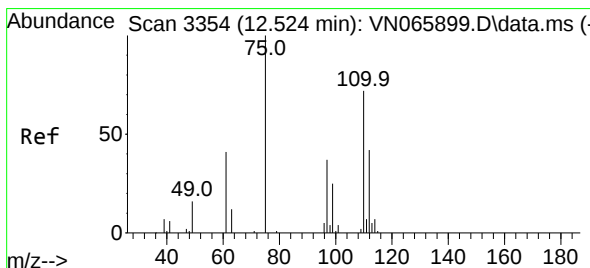
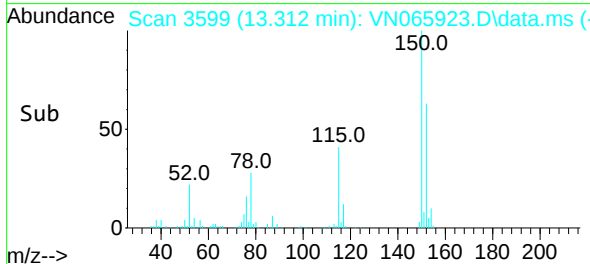
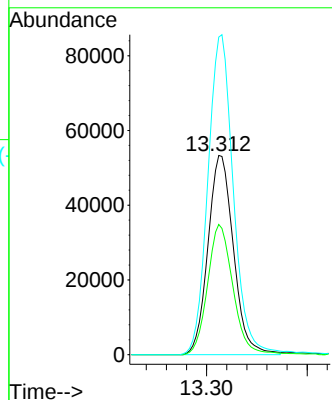
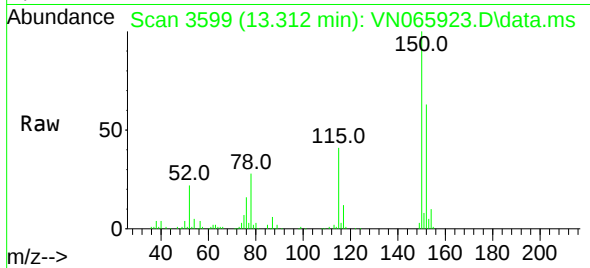




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

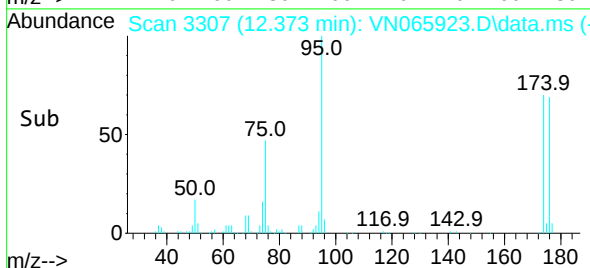
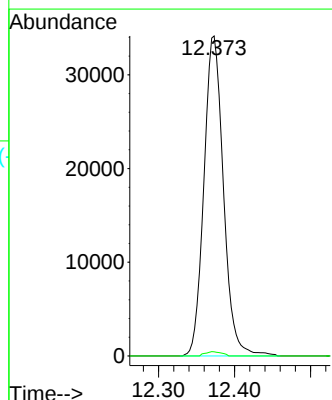
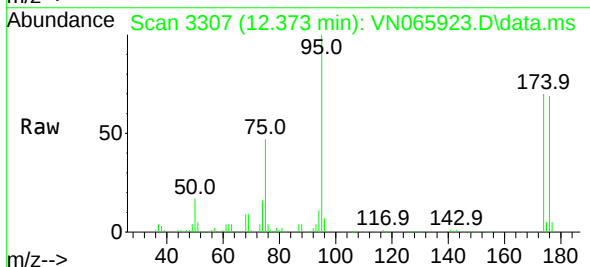
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-140-148-021621

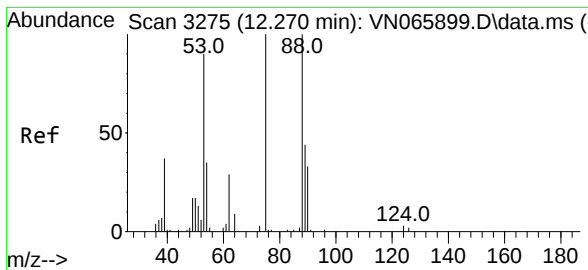
Tgt Ion:152 Resp: 94020
Ion Ratio Lower Upper
152 100
115 65.0 28.5 85.6
150 160.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 27.01 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065923.D
Acq: 18 Feb 2021 3:48

Tgt Ion: 75 Resp: 61016
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.09 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065923.D
 Acq: 18 Feb 2021 3:48

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR2-140-148-021621

Tgt Ion: 75 Resp: 61016
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

