

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065914.D
 Acq On : 18 Feb 2021 00:05
 Operator : JC/MD
 Sample : M1405-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Feb 18 01:49:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

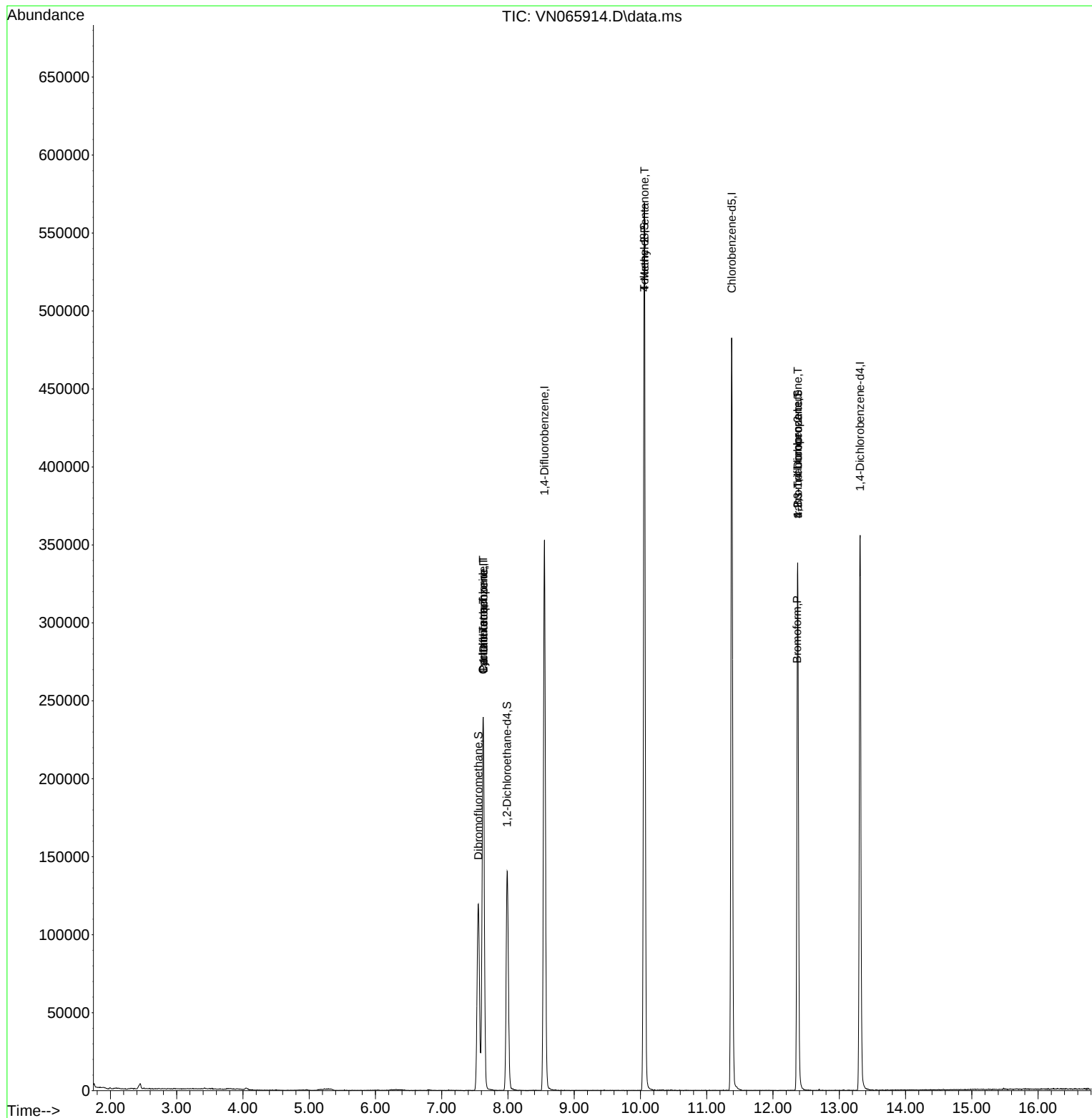
Internal Standards						
1) Pentafluorobenzene	7.627	168	190728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	324997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	290400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	104171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	126484	47.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.84%		
35) Dibromofluoromethane	7.553	113	95702	47.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.16%		
50) Toluene-d8	10.058	98	403422	48.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.72%		
62) 4-Bromofluorobenzene	12.373	95	134120	43.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.54%		
Target Compounds						
					Qvalue	
16) Acetone	3.788	43	739	Below Cal	#	41
31) Cyclohexane	7.624	56	3751	0.94	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	14916	4.65	ug/l #	45
38) Carbon Tetrachloride	7.624	117	18380	6.17	ug/l #	16
51) 4-Methyl-2-Pentanone	10.061	43	1353	0.48	ug/l #	1
71) Bromoform	12.363	173	240	2.64	ug/l #	29
76) 1,2,3-Trichloropropane	12.373	75	64748	25.87	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	64748	82.46	ug/l #	12

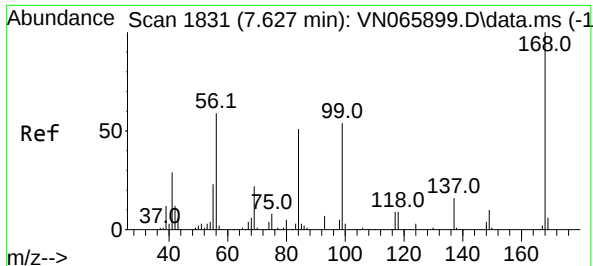
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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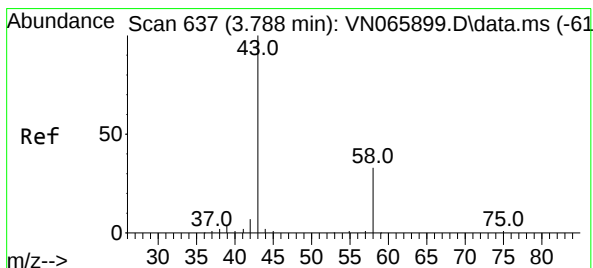
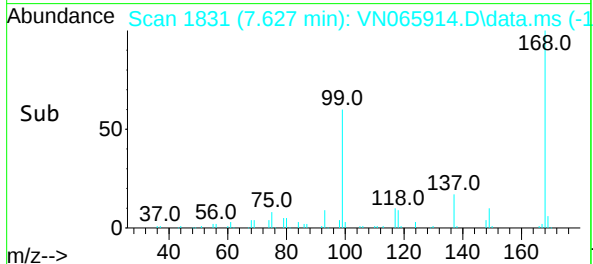
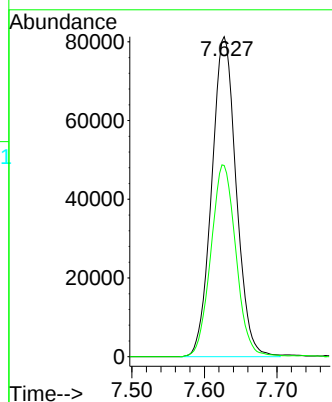
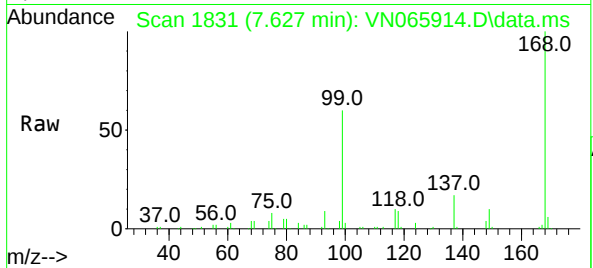




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065914.D
Acq: 18 Feb 2021 00:05

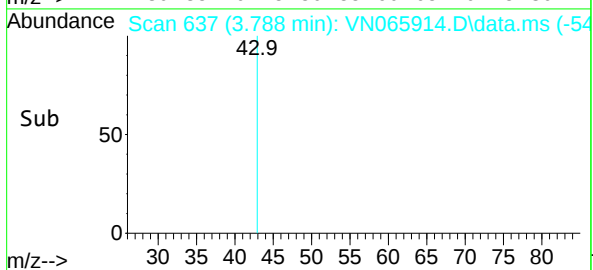
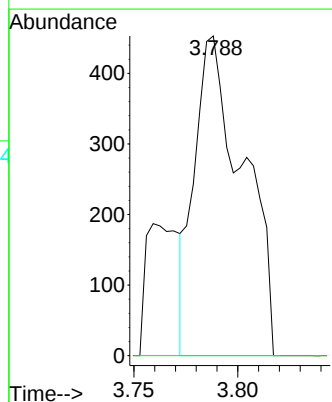
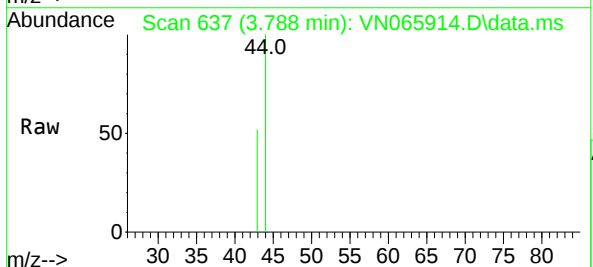
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

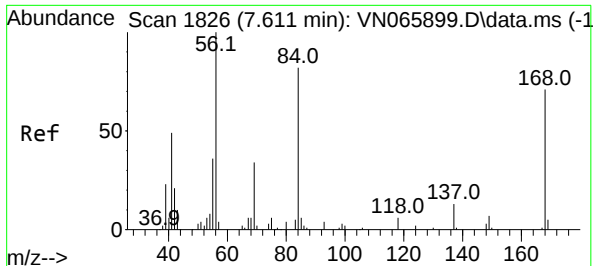
Tgt Ion:168 Resp: 190728
Ion Ratio Lower Upper
168 100
99 59.7 42.6 63.8



#16
Acetone
Concen: Below Cal
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN065914.D
Acq: 18 Feb 2021 00:05

Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#31

Cyclohexane

Concen: 0.94 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN065914.D

Acq: 18 Feb 2021 00:05

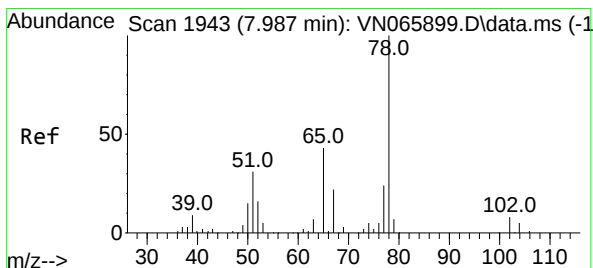
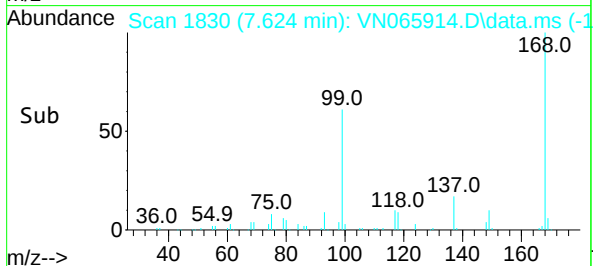
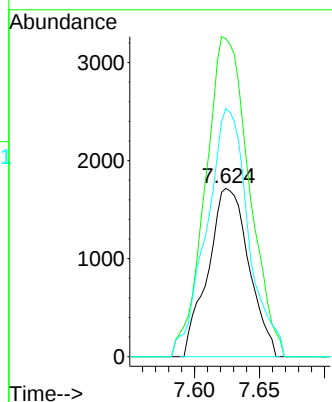
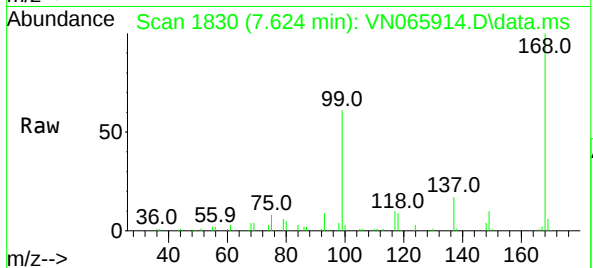
Tgt Ion: 56 Resp: 3751

Ion Ratio Lower Upper

56 100

69 179.1 26.6 39.8#

84 135.4 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 47.42 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065914.D

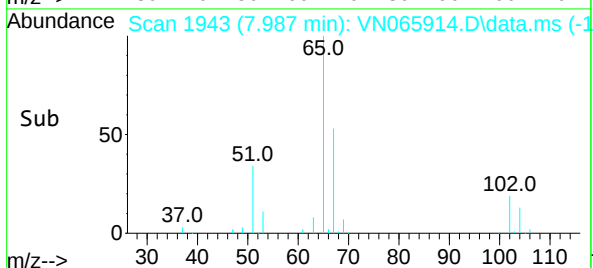
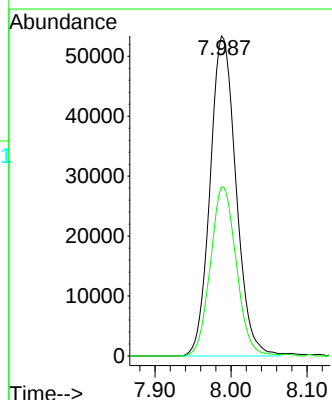
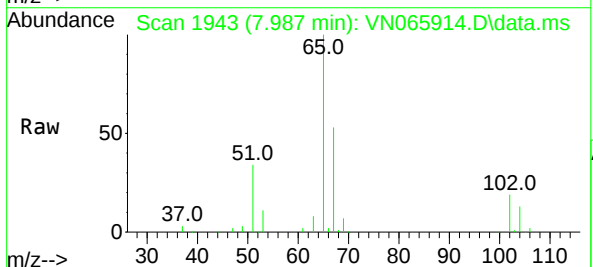
Acq: 18 Feb 2021 00:05

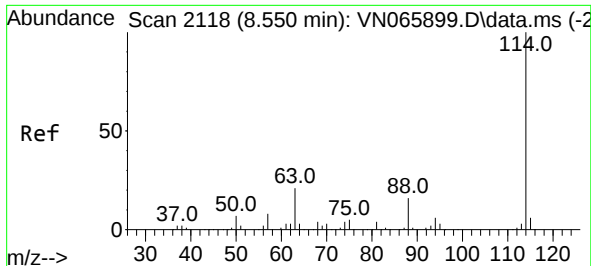
Tgt Ion: 65 Resp: 126484

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.2

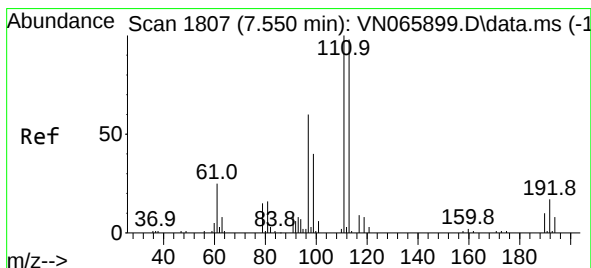
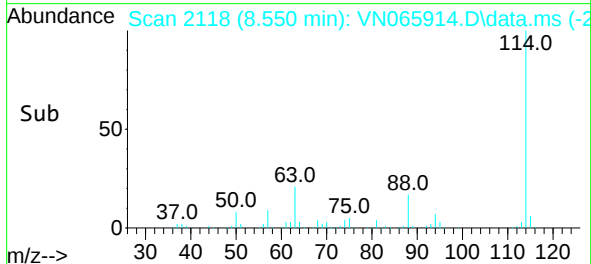
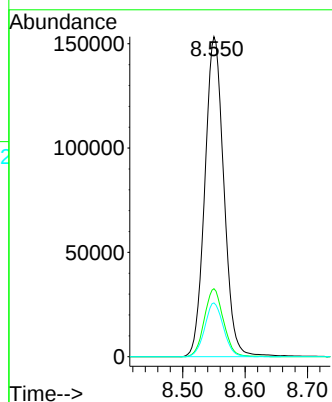
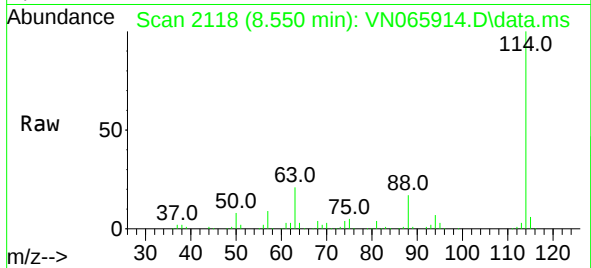




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065914.D
Acq: 18 Feb 2021 00:05

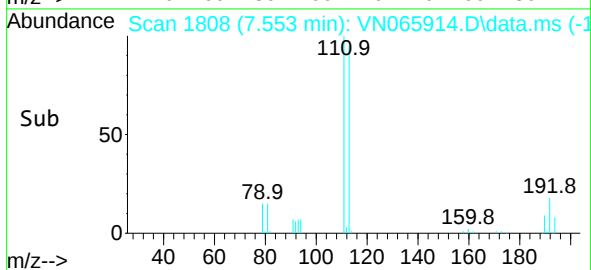
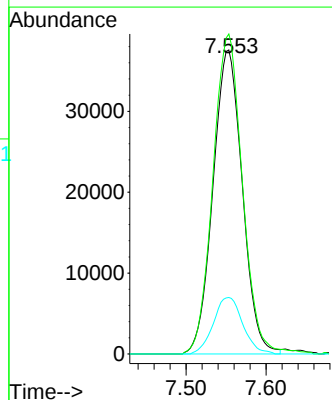
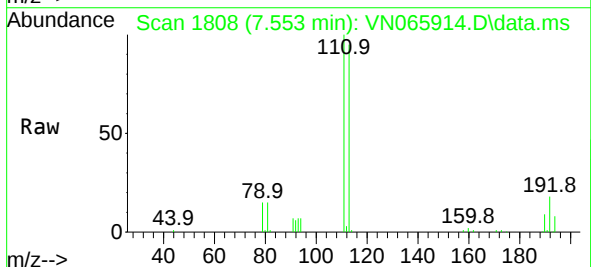
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

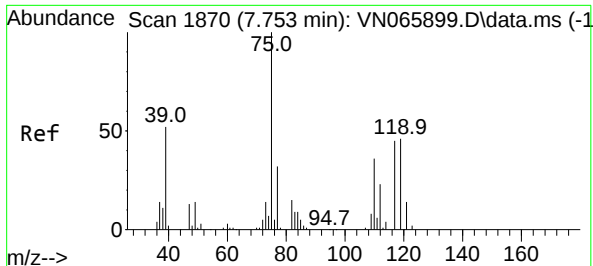
Tgt Ion:114 Resp: 324997
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.6
88 16.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.58 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065914.D
Acq: 18 Feb 2021 00:05

Tgt Ion:113 Resp: 95702
Ion Ratio Lower Upper
113 100
111 106.1 82.2 123.2
192 18.6 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.65 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. -0.126 min

Lab File: VN065914.D

Acq: 18 Feb 2021 00:05

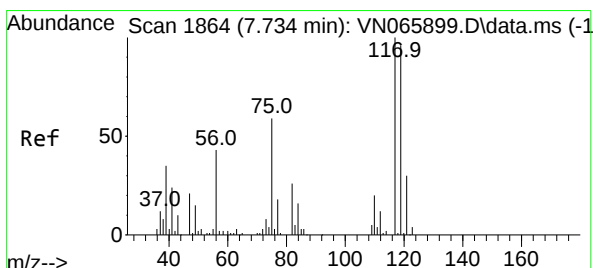
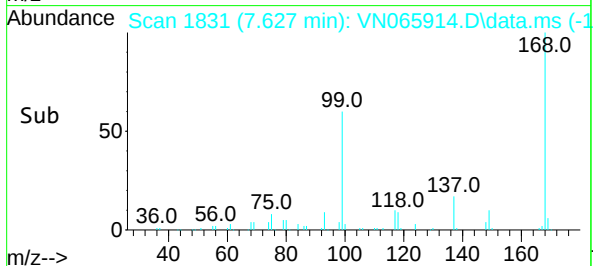
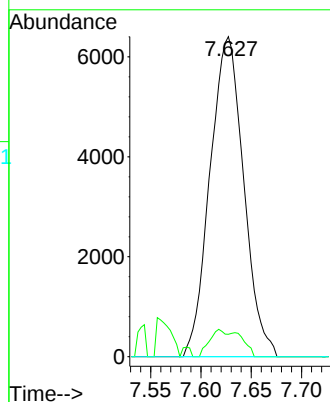
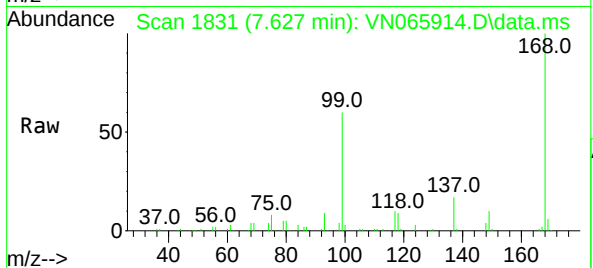
Tgt Ion:	75	Resp:	14916
Ion	Ratio	Lower	Upper
75	100		
110	4.6	18.2	54.6#
77	0.0	24.9	37.3#

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



#38

Carbon Tetrachloride

Concen: 6.17 ug/l

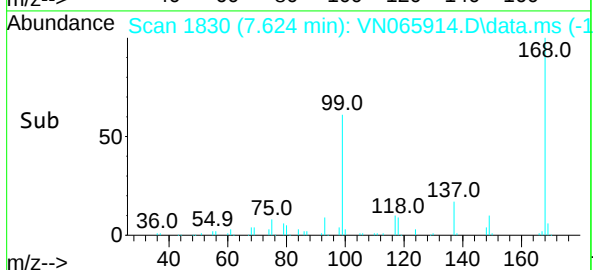
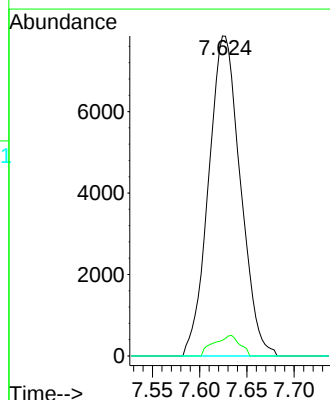
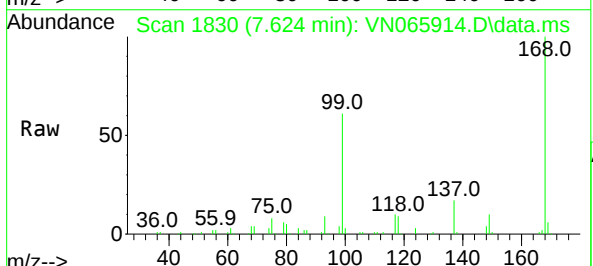
RT: 7.624 min Scan# 1830

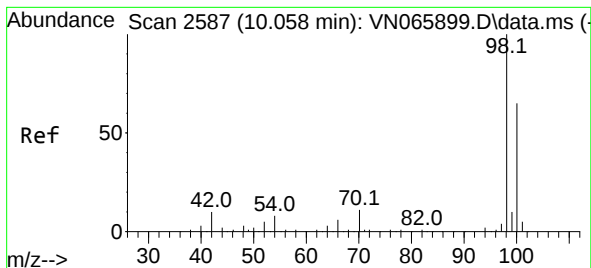
Delta R.T. -0.110 min

Lab File: VN065914.D

Acq: 18 Feb 2021 00:05

Tgt Ion:	117	Resp:	18380
Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.0	114.0#
121	0.0	24.5	36.7#

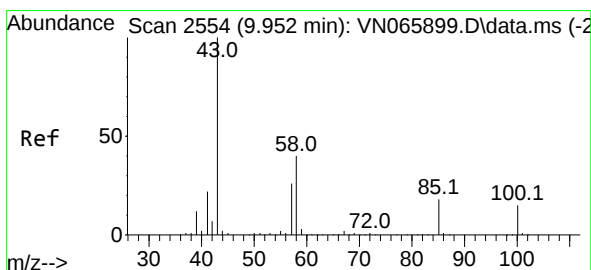
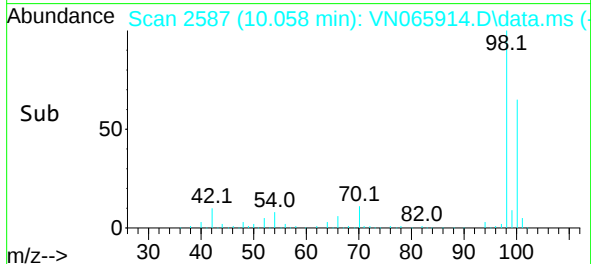
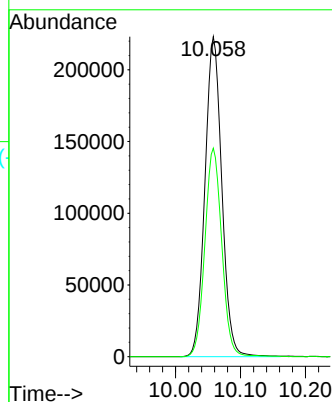
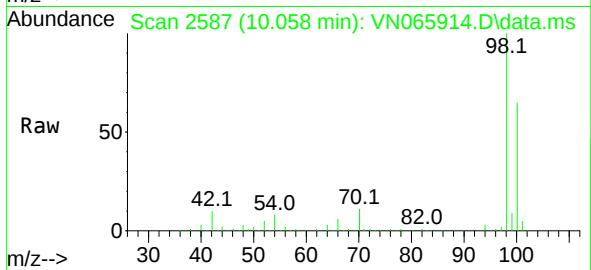




#50
Toluene-d8
Concen: 48.86 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065914.D
Acq: 18 Feb 2021 00:05

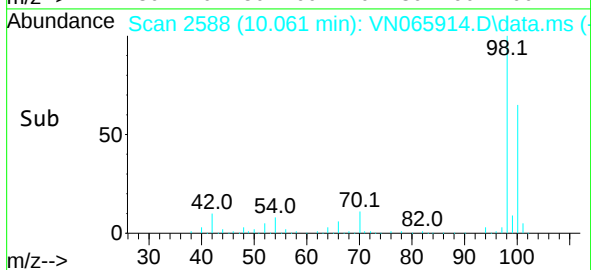
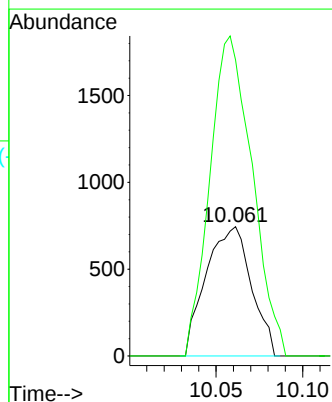
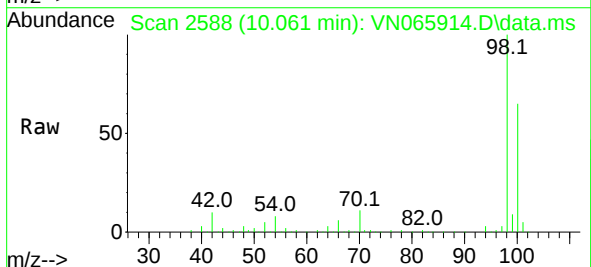
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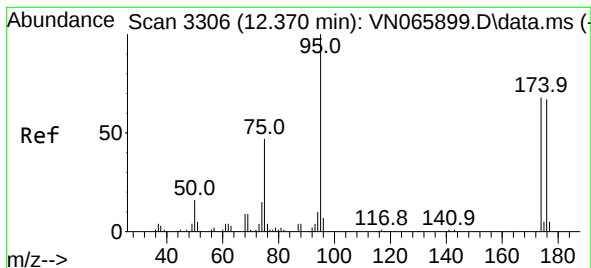
Tgt Ion: 98 Resp: 403422
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.109 min
Lab File: VN065914.D
Acq: 18 Feb 2021 00:05

Tgt Ion: 43 Resp: 1353
Ion Ratio Lower Upper
43 100
58 230.8 32.5 48.7#

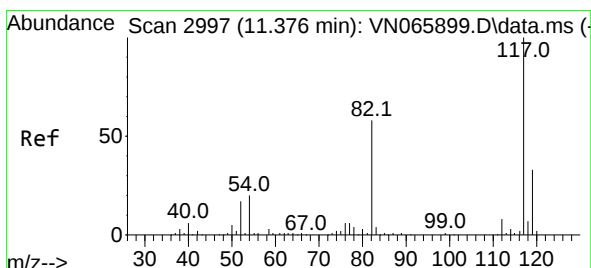
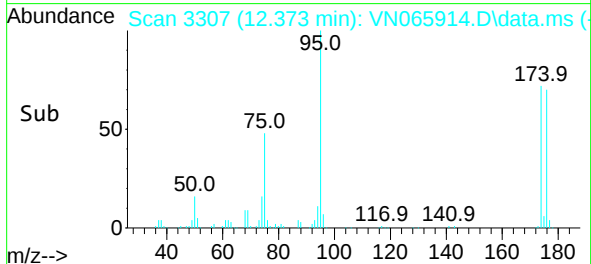
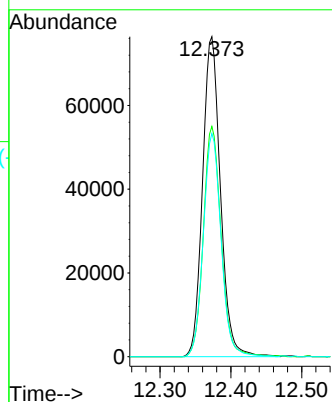
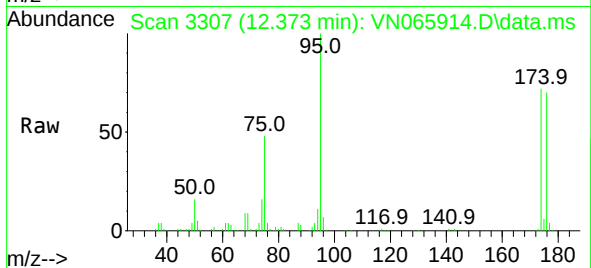




#62
4-Bromofluorobenzene
Concen: 43.27 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065914.D
Acq: 18 Feb 2021 00:05

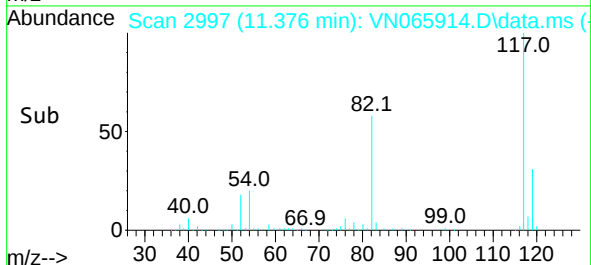
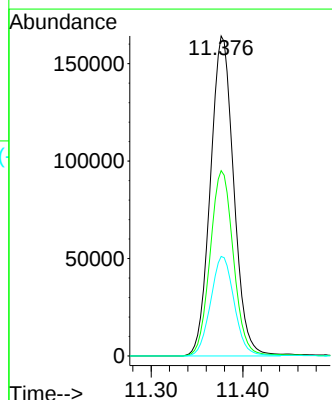
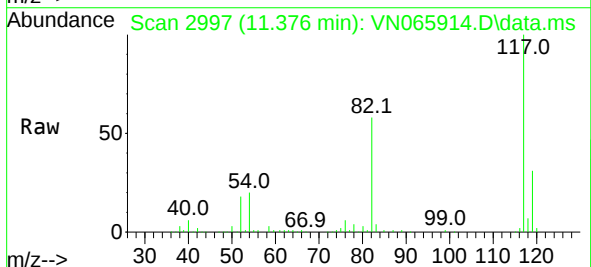
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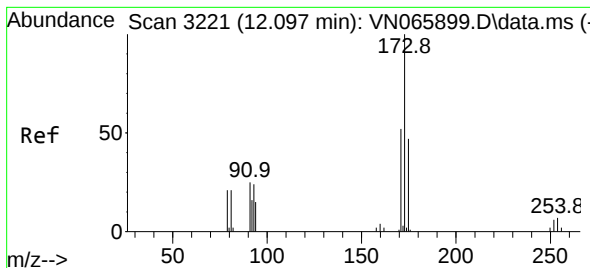
Tgt Ion: 95 Resp: 134120
Ion Ratio Lower Upper
95 100
174 71.4 0.0 169.0
176 69.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065914.D
Acq: 18 Feb 2021 00:05

Tgt Ion: 117 Resp: 290400
Ion Ratio Lower Upper
117 100
82 57.9 43.7 65.5
119 31.1 26.1 39.1





#71

Bromoform

Concen: 2.64 ug/l

RT: 12.363 min Scan# 3304

Delta R.T. 0.266 min

Lab File: VN065914.D

Acq: 18 Feb 2021 00:05

Tgt Ion:173 Resp: 240

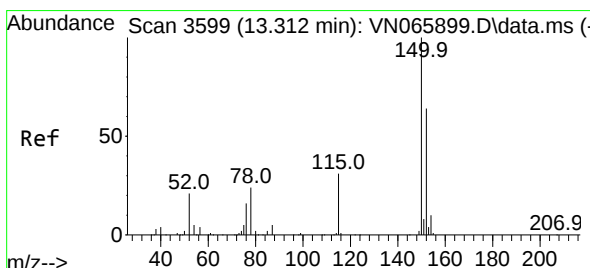
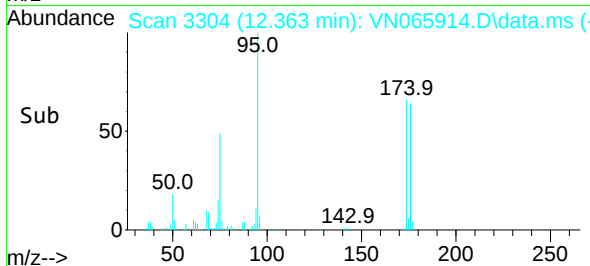
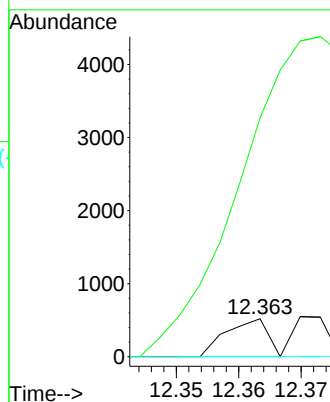
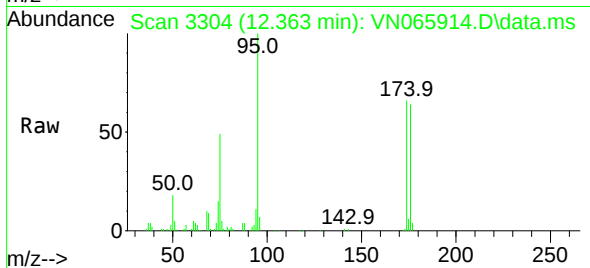
Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.8	71.2#
254	0.0	0.0	0.0

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.315 min Scan# 3600

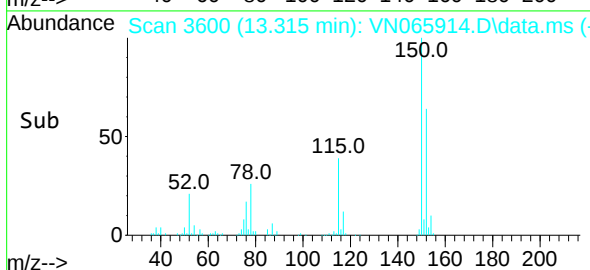
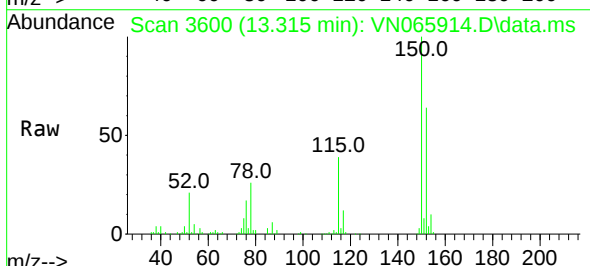
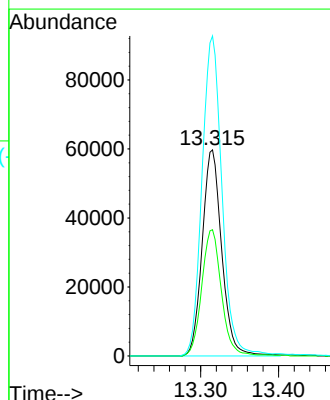
Delta R.T. 0.003 min

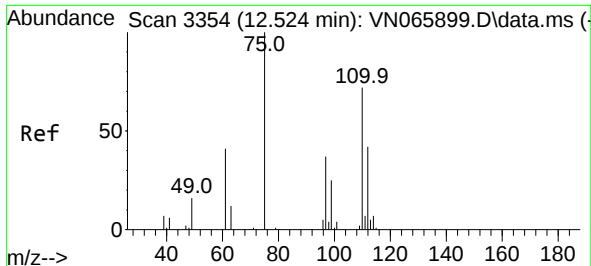
Lab File: VN065914.D

Acq: 18 Feb 2021 00:05

Tgt Ion:152 Resp: 104171

Ion	Ratio	Lower	Upper
152	100		
115	61.6	28.5	85.6
150	158.1	0.0	347.6

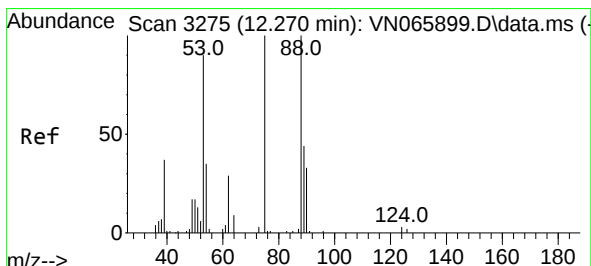
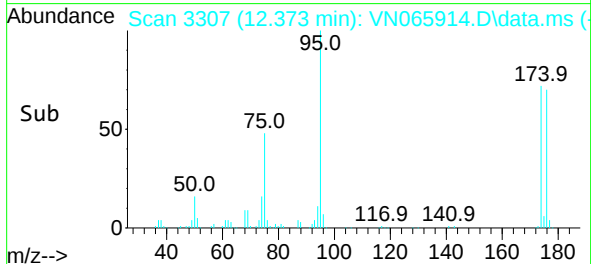
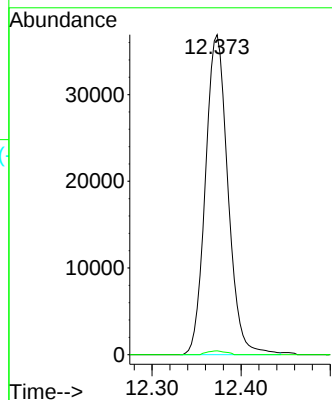
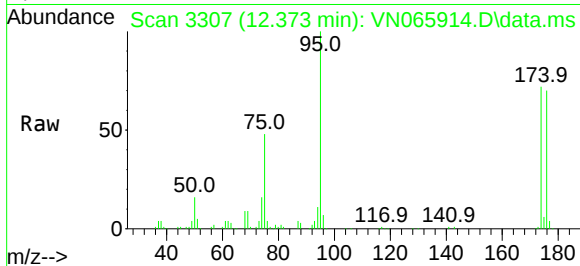




#76
1,2,3-Trichloropropane
Concen: 25.87 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065914.D
Acq: 18 Feb 2021 00:05

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 64748
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.46 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065914.D
Acq: 18 Feb 2021 00:05

Tgt Ion: 75 Resp: 64748
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

