

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
 Data File : VN061681.D
 Acq On : 5 Jun 2020 19:48
 Operator : JC/MD
 Sample : L2921-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF012MW007-200604

Quant Time: Jun 06 03:25:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	301675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	519233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	505583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	232483	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	170855	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
35) Dibromofluoromethane	7.55	113	149068	56.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.18%	
50) Toluene-d8	10.06	98	621338	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.38	95	224680	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	

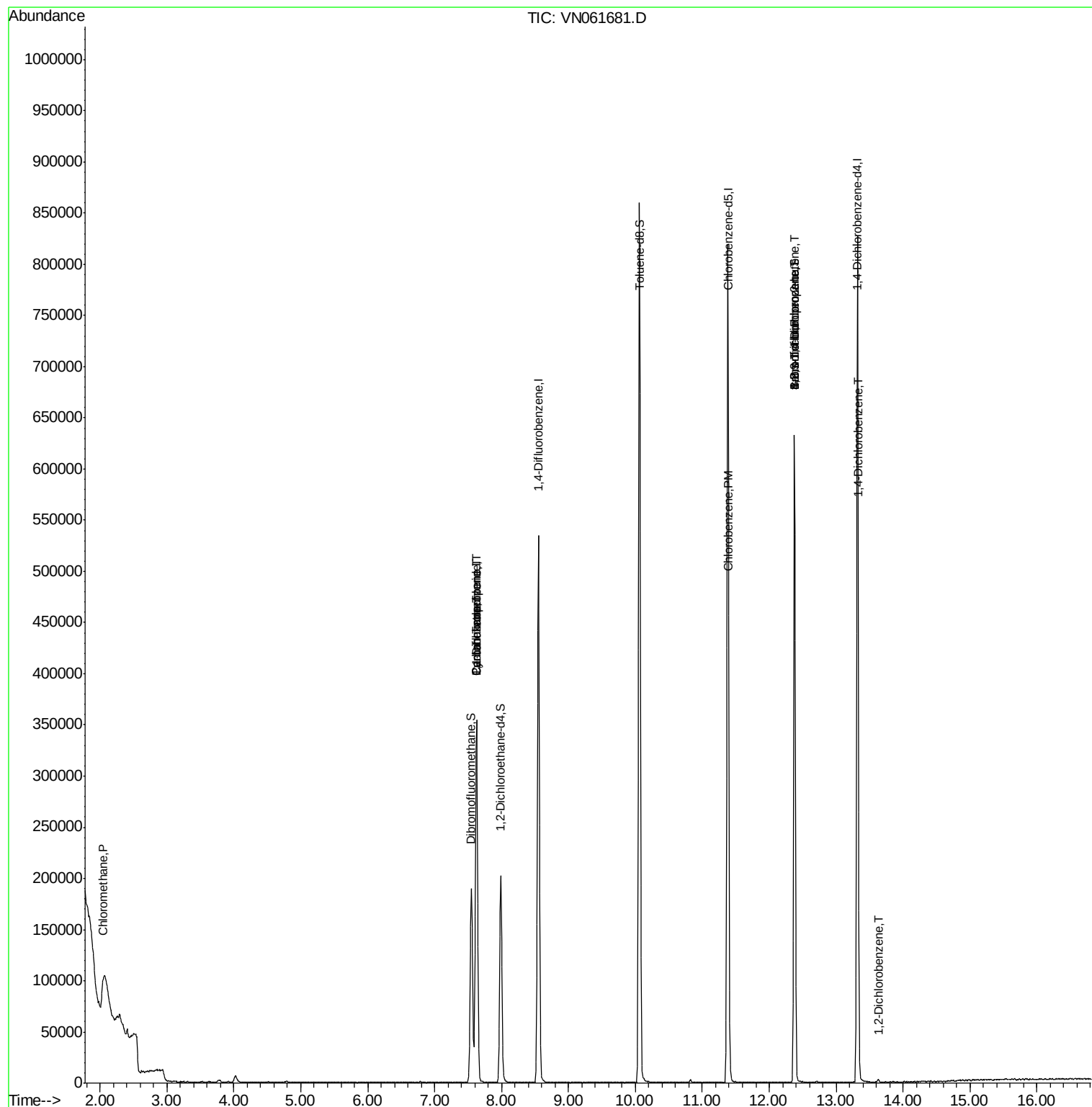
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2312	0.63	ug/l	93
16) Acetone	3.79	43	3841	Below Cal		91
20) Methylene Chloride	4.49	84	108	Below Cal	#	11
31) Cyclohexane	7.62	56	5433	1.07	ug/l	14
36) 1,1-Dichloropropene	7.63	75	21153	4.60	ug/l	47
38) Carbon Tetrachloride	7.63	117	28918	6.52	ug/l	15
65) Chlorobenzene	11.40	112	5998	0.57	ug/l	96
71) Bromoform	12.38	173	1813	0.60	ug/l	1
76) 1,2,3-Trichloropropane	12.38	75	108878	25.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	108878	65.86	ug/l	15
88) 1,4-Dichlorobenzene	13.34	146	1913	0.24	ug/l	1
91) 1,2-Dichlorobenzene	13.63	146	1591	0.22	ug/l	92

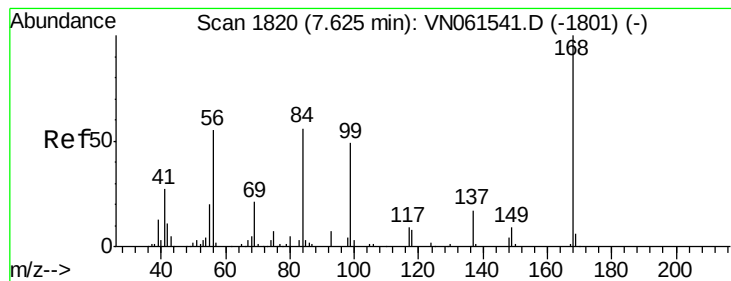
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061681.D

Acq: 5 Jun 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

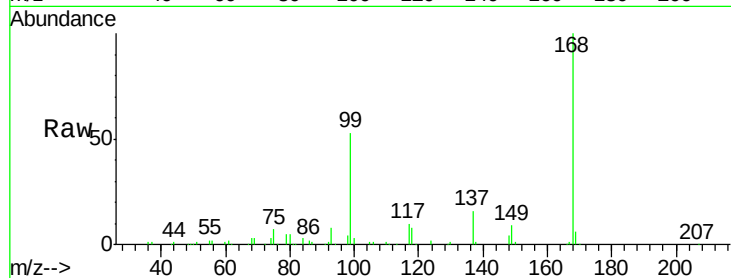
LF012MW007-200604

Tgt Ion:168 Resp: 301675

Ion Ratio Lower Upper

168 100

99 52.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VN061681.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN061681.D (-1727) (-)

7.63

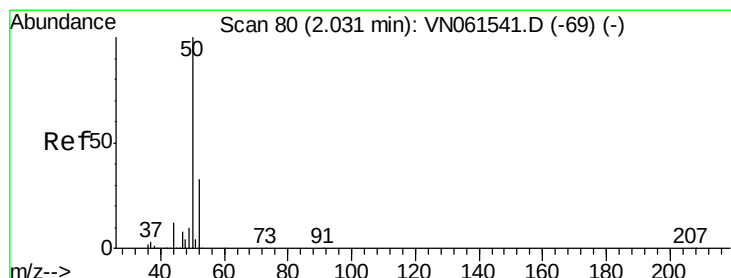
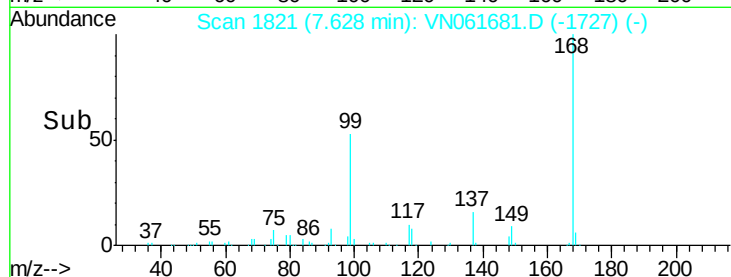
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#3

Chloromethane

Concen: 0.63 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061681.D

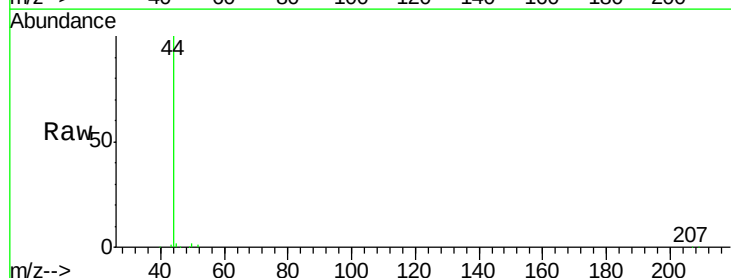
Acq: 5 Jun 2020 19:48

Tgt Ion: 50 Resp: 2312

Ion Ratio Lower Upper

50 100

52 29.2 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN061681.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN061681.D (-1) (-)

2.04

2000

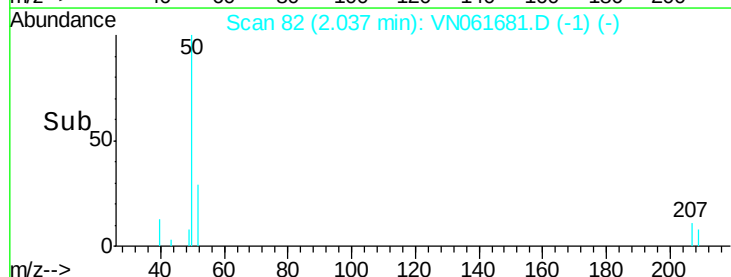
1500

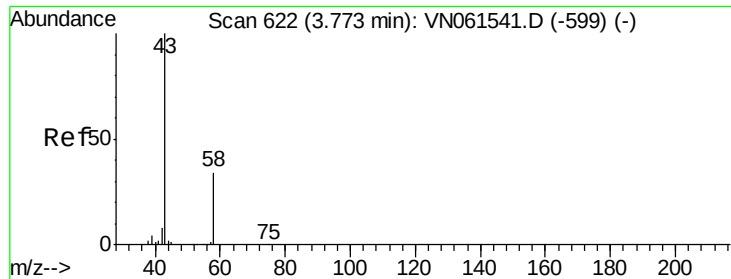
1000

500

0

Time--> 2.00 2.05

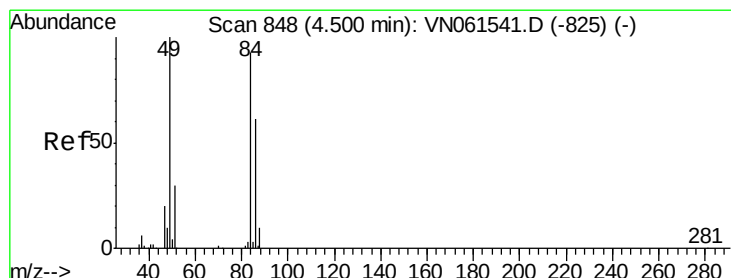
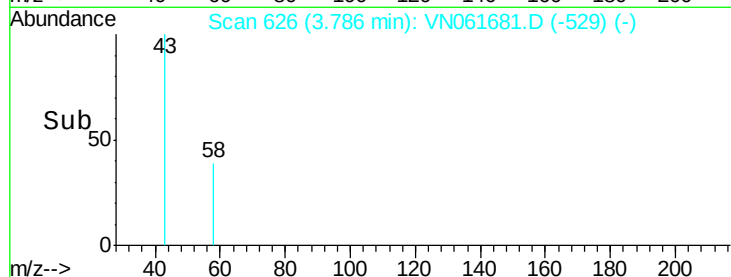
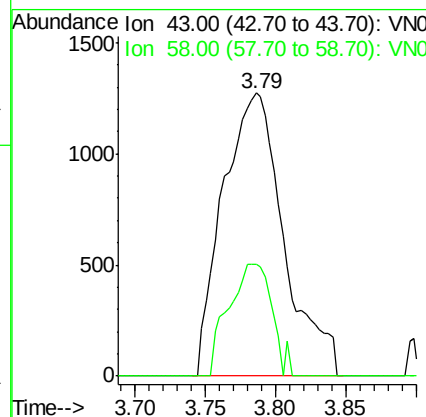
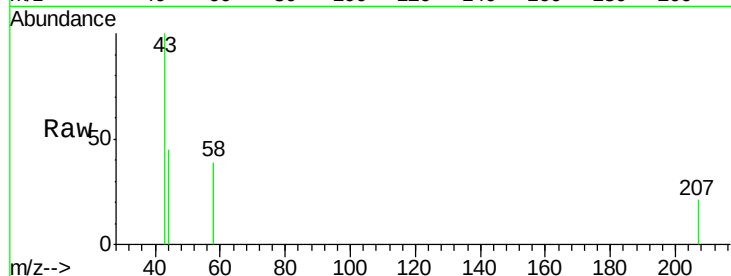




#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN061681.D
Acq: 5 Jun 2020 19:48

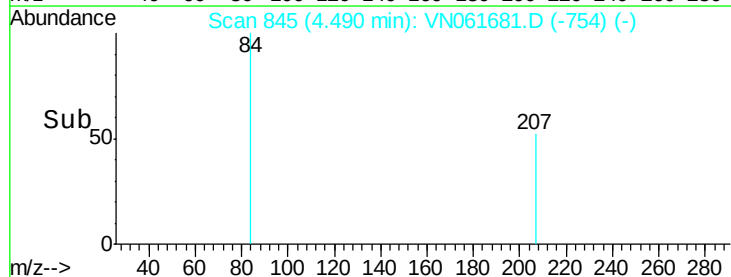
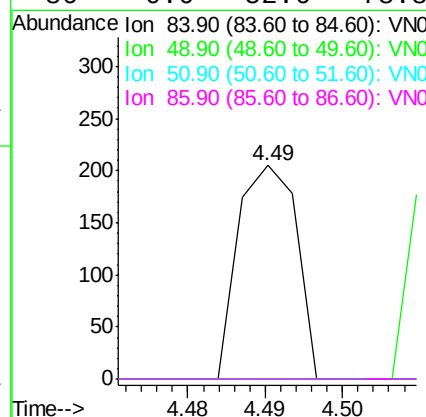
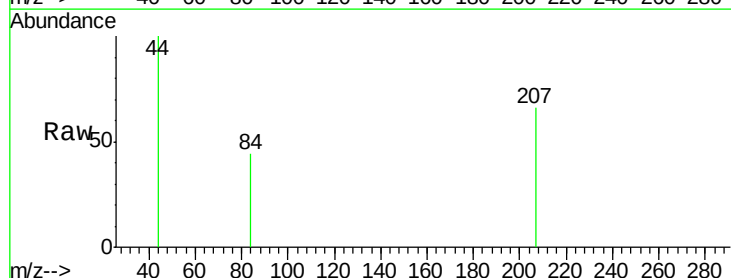
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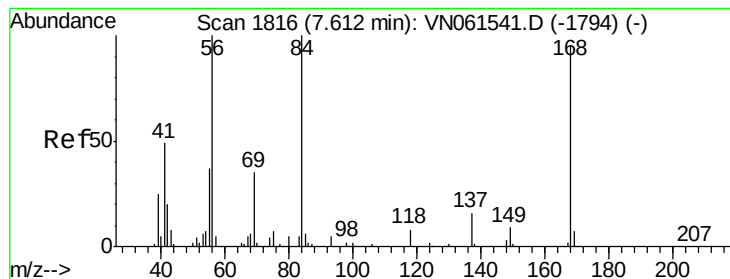
Tgt Ion: 43 Resp: 3841
Ion Ratio Lower Upper
43 100
58 39.4 27.2 40.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.49 min Scan# 845
Delta R.T. -0.01 min
Lab File: VN061681.D
Acq: 5 Jun 2020 19:48

Tgt Ion: 84 Resp: 108
Ion Ratio Lower Upper
84 100
49 0.0 85.8 128.8#
51 0.0 26.2 39.2#
86 0.0 52.6 78.8#





#31

Cyclohexane

Concen: 1.07 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VN061681.D

Acq: 5 Jun 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

LF012MW007-200604

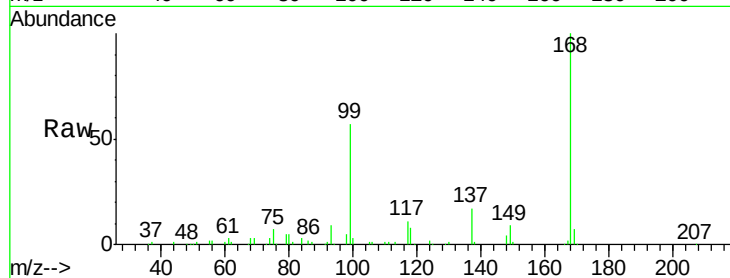
Tgt Ion: 56 Resp: 5433

Ion Ratio Lower Upper

56 100

69 164.6 27.8 41.8#

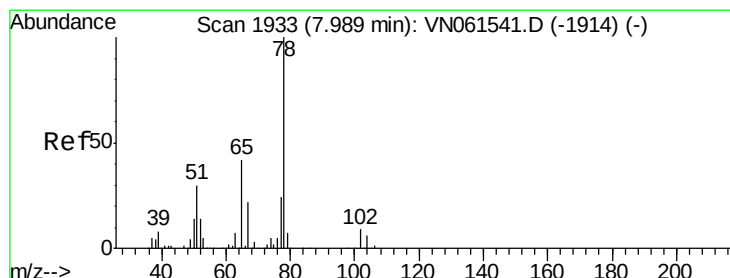
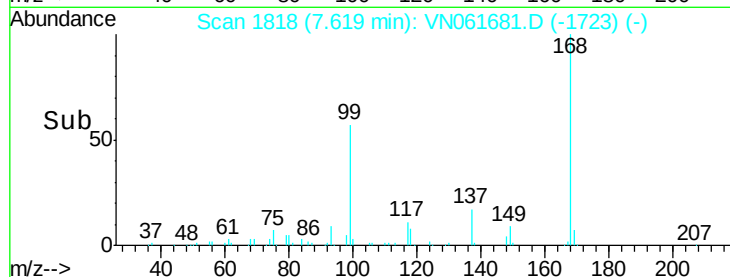
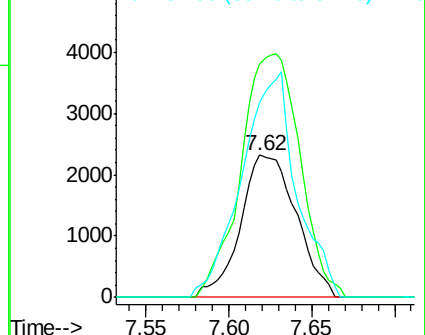
84 137.7 79.9 119.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.54 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061681.D

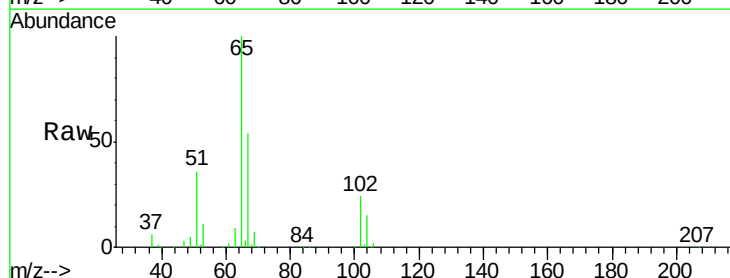
Acq: 5 Jun 2020 19:48

Tgt Ion: 65 Resp: 170855

Ion Ratio Lower Upper

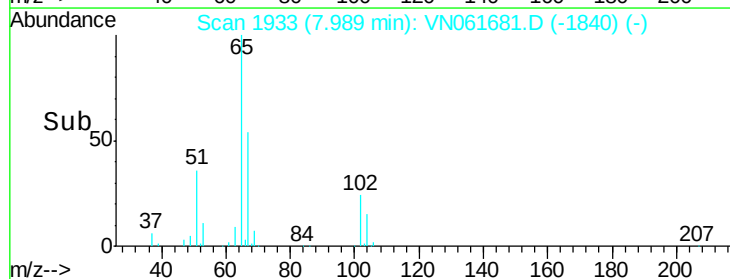
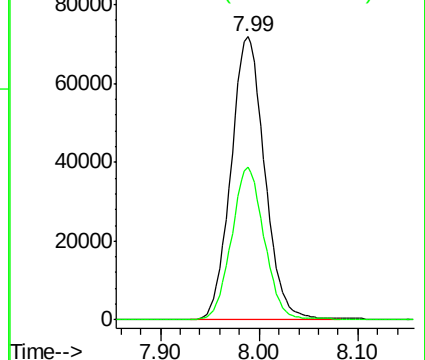
65 100

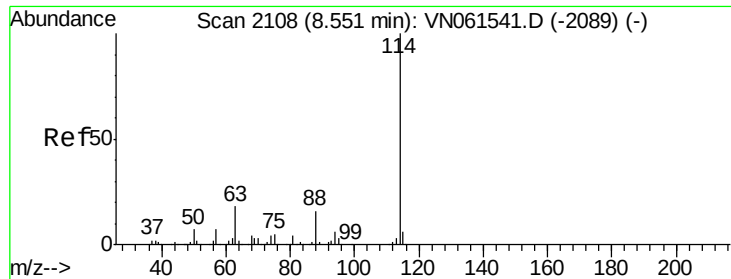
67 52.4 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

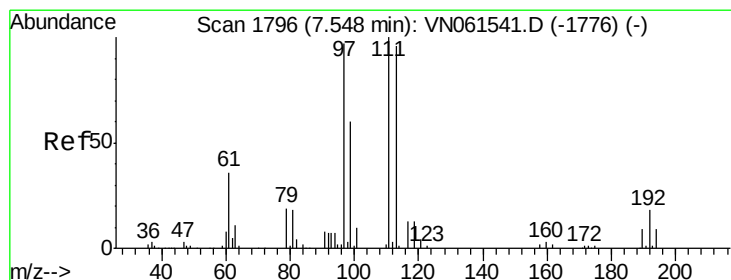
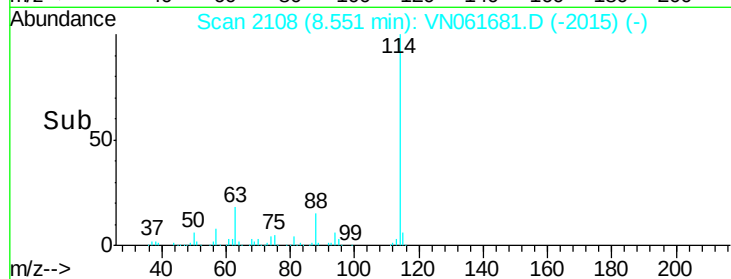
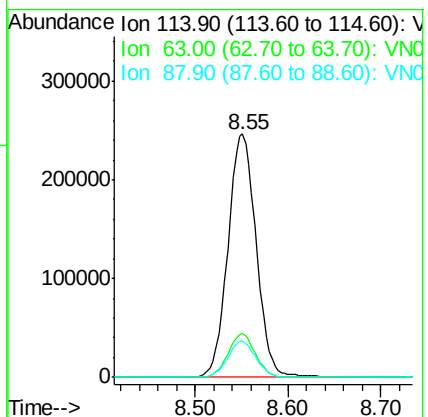
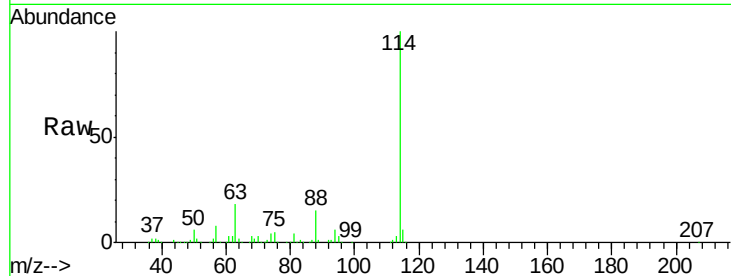




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061681.D
 Acq: 5 Jun 2020 19:48

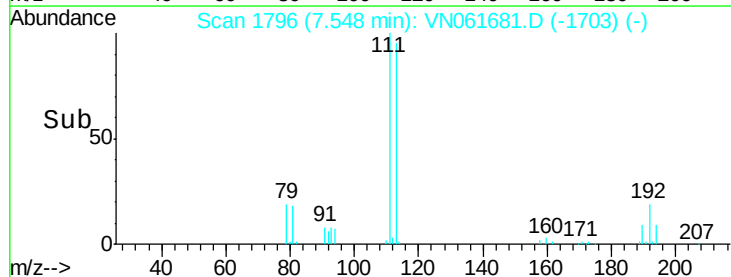
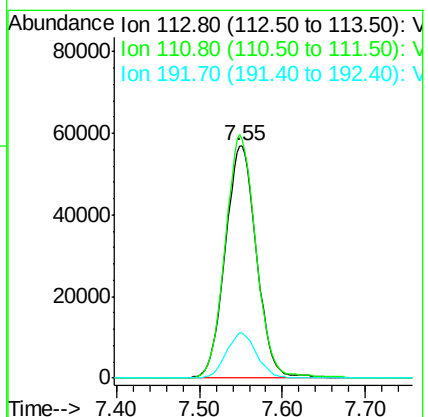
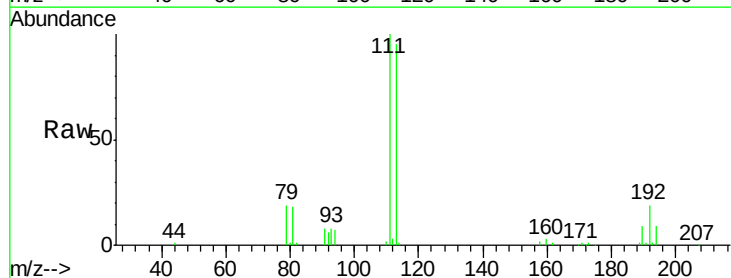
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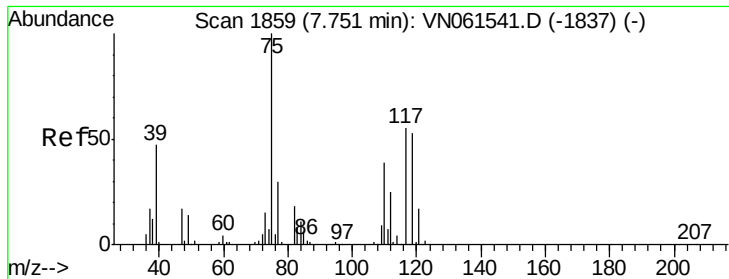
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.8
88	14.8	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 56.59 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061681.D
 Acq: 5 Jun 2020 19:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.0
192	19.0	15.4	23.2

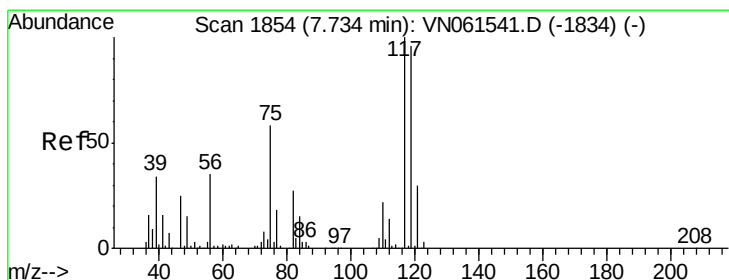
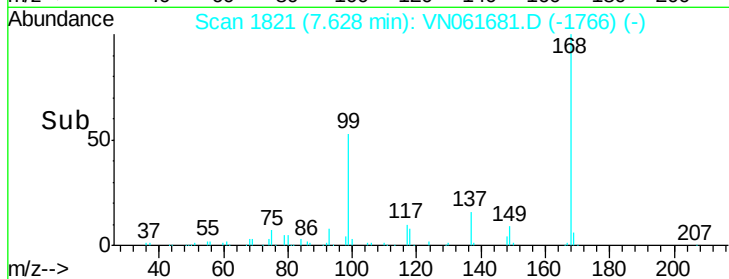
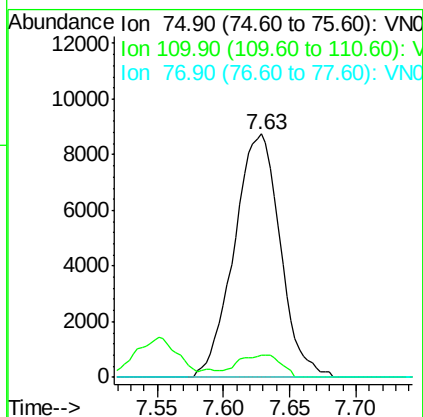
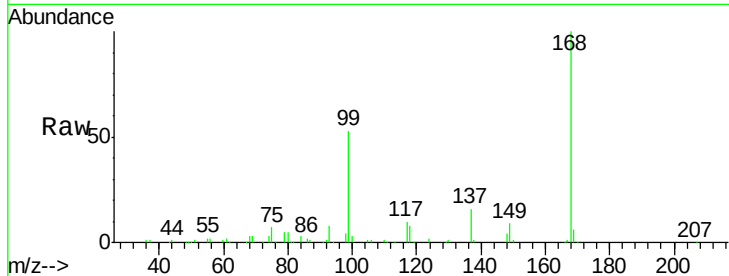




#36
 1,1-Dichloropropene
 Concen: 4.60 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: VN061681.D
 Acq: 5 Jun 2020 19:48

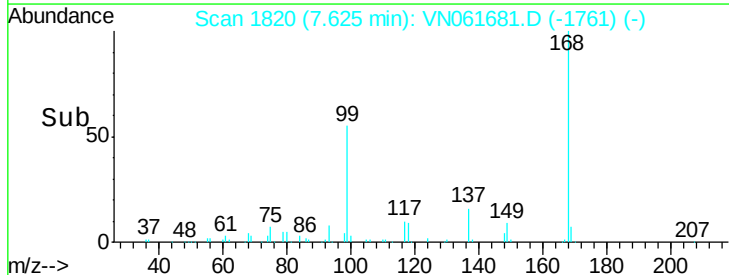
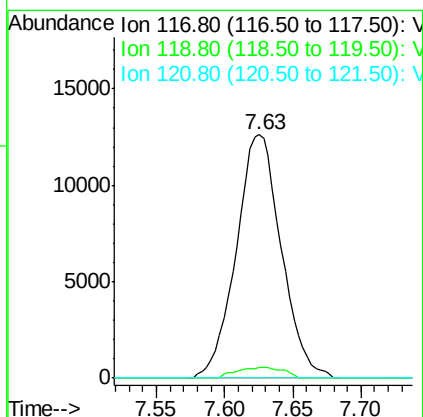
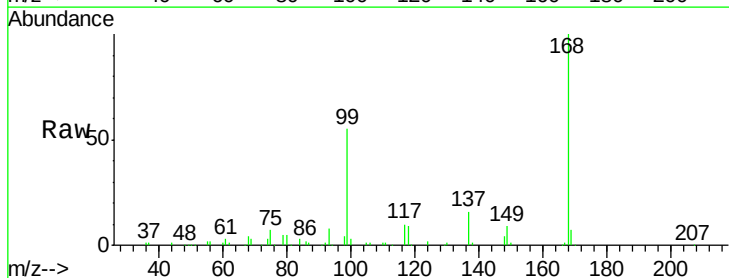
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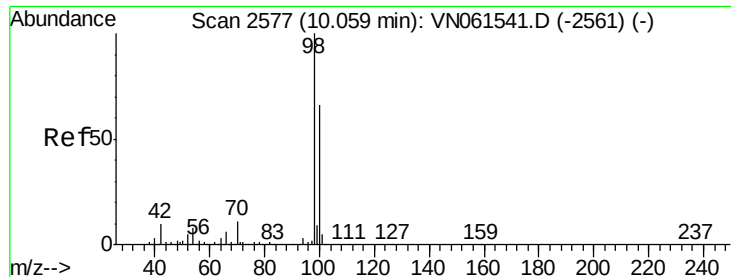
Tgt Ion: 75 Resp: 21153
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.5 58.5#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.52 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN061681.D
 Acq: 5 Jun 2020 19:48

Tgt Ion: 117 Resp: 28918
 Ion Ratio Lower Upper
 117 100
 119 4.2 76.5 114.7#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 50.90 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061681.D

Acq: 5 Jun 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

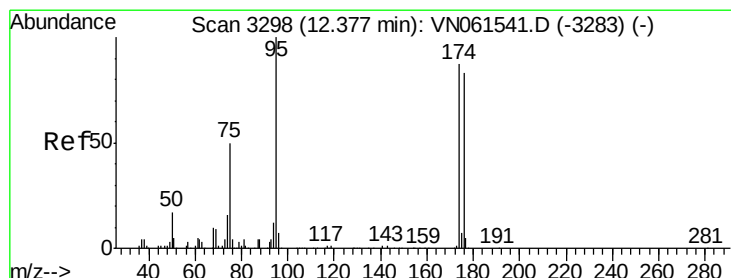
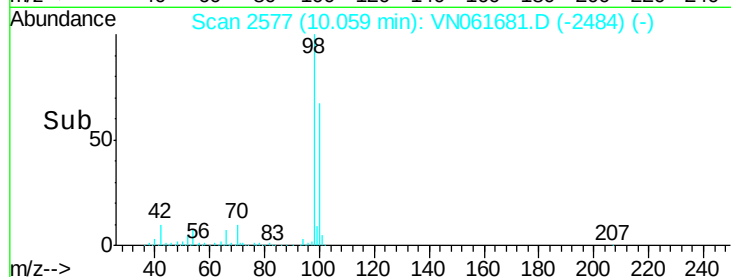
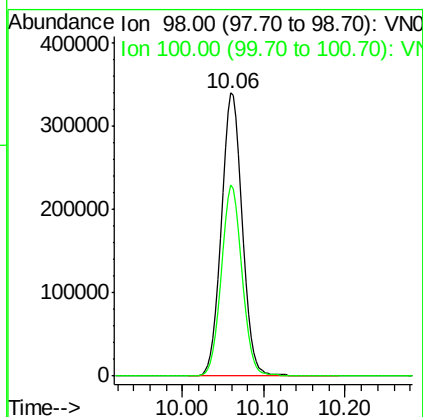
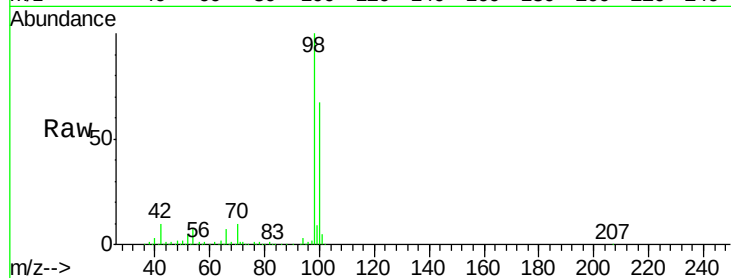
LF012MW007-200604

Tgt Ion: 98 Resp: 621338

Ion Ratio Lower Upper

98 100

100 66.7 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 50.45 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061681.D

Acq: 5 Jun 2020 19:48

Tgt Ion: 95 Resp: 224680

Ion Ratio Lower Upper

95 100

174 82.9 0.0 172.8

176 81.1 0.0 164.8

