

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050631.D
 Acq On : 15 Aug 2018 3:56
 Operator : MD\SY
 Sample : J4465-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 950-MW-17(15.5)

Manual Integrations
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 8/15/2018 3:32:39 PM

Quant Time: Aug 15 15:01:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	649391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	972854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	905403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	337892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	405594	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
35) Dibromofluoromethane	7.59	113	387610	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	10.09	98	1407368	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.40	95	412610	42.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.46%	
Target Compounds						
16) Acetone	3.83	43	12928	4.90	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	318197	37.41	ug/l	92
44) Trichloroethene	8.84	130	636054	72.07	ug/l	98
64) Tetrachloroethene	10.62	164	22793680m	2710.84	ug/l	

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

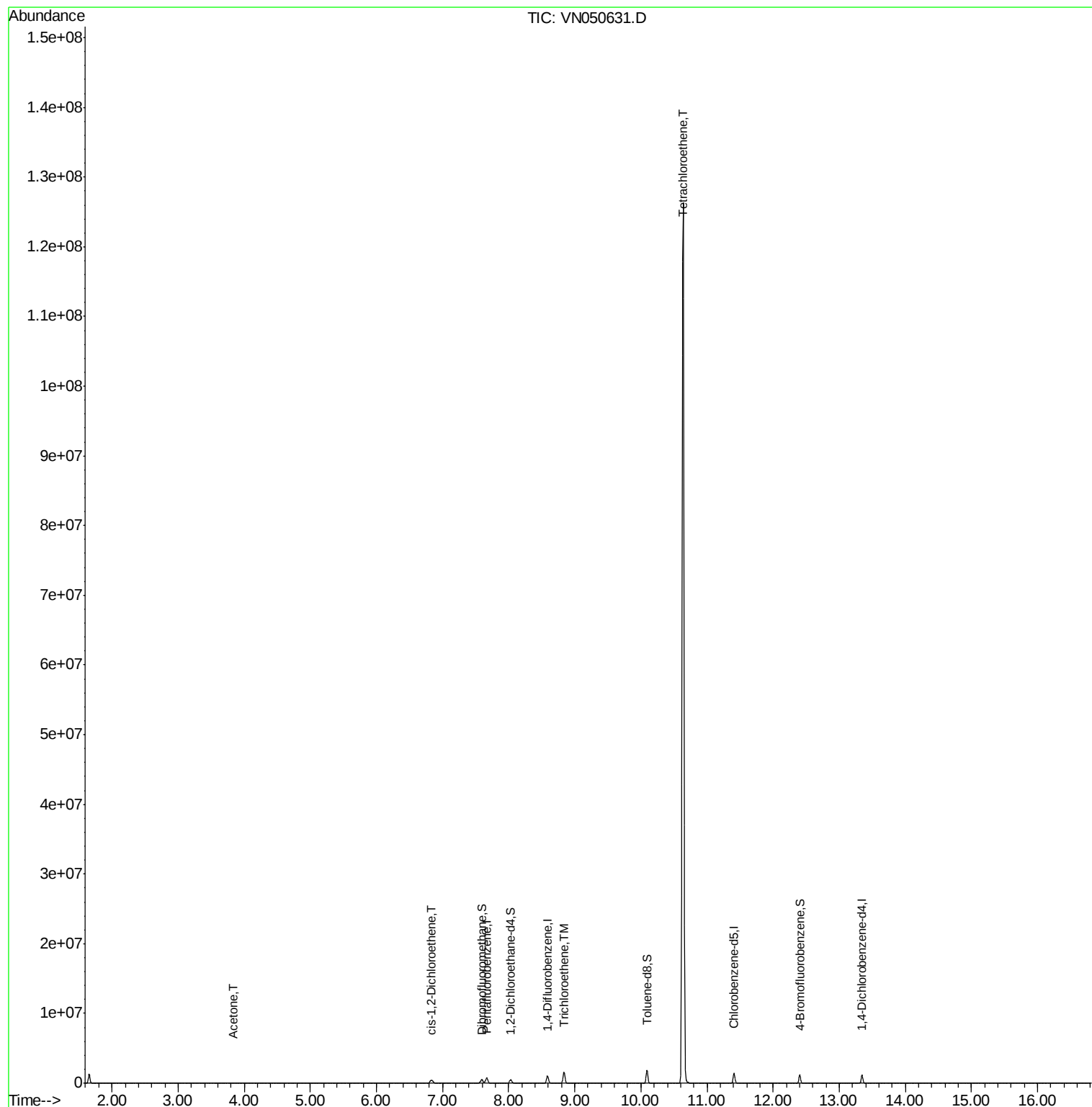
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081418\
Data File : VN050631.D
Acq On : 15 Aug 2018 3:56
Operator : MD\SY
Sample : J4465-13
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 43 Sample Multiplier: 1

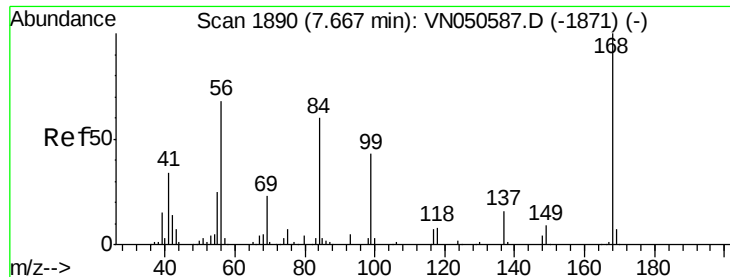
Instrument :
MSVOA_N
ClientSampleId :
950-MW-17(15.5)

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050631.D

Acq: 15 Aug 2018 3:56

Instrument :

MSVOA_N

ClientSampleId :

950-MW-17(15.5)

Tot Ion:168 Resp: 649391

Ion Ratio Lower Upper

168 100

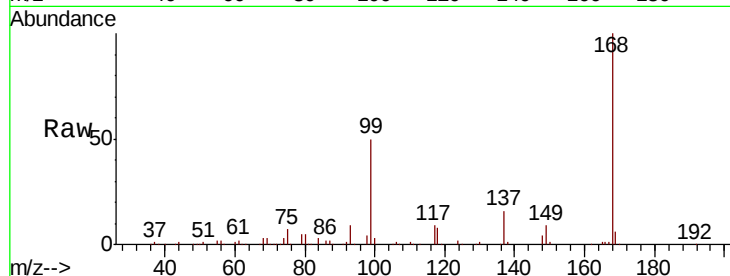
99 49.8 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

150000

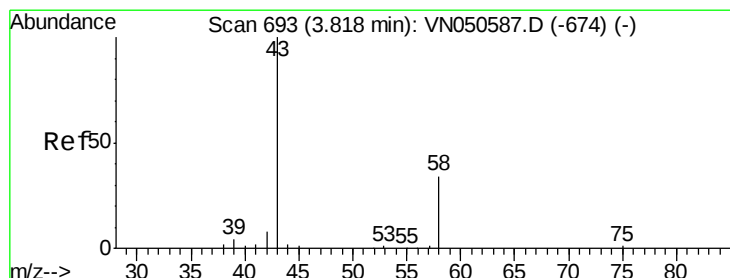
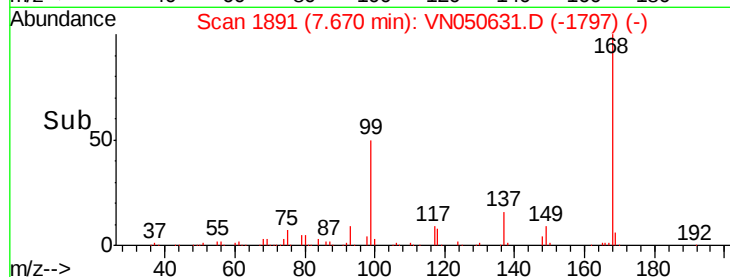
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 4.90 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050631.D

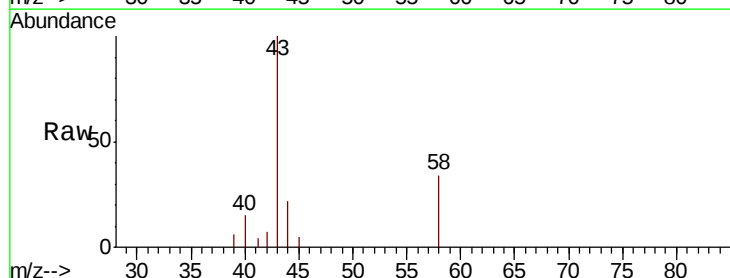
Acq: 15 Aug 2018 3:56

Tgt Ion: 43 Resp: 12928

Ion Ratio Lower Upper

43 100

58 35.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

5000

4000

3000

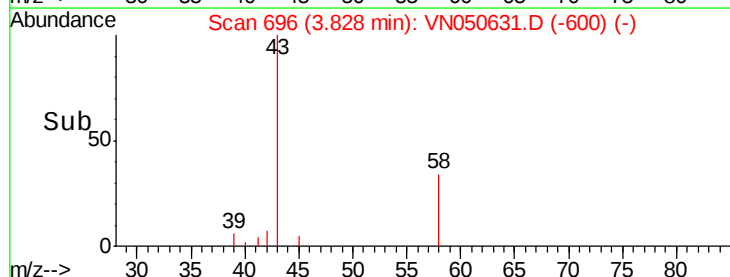
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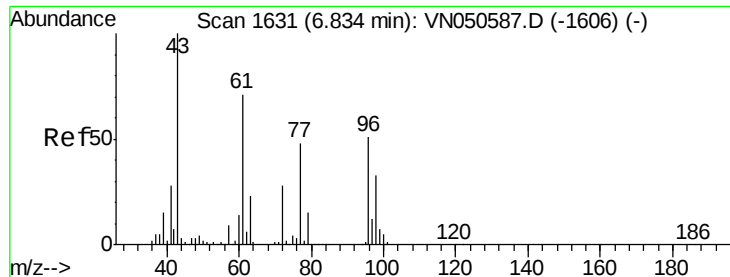
1000

0

3.75 3.80 3.85 3.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 37.41 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050631.D

Acq: 15 Aug 2018 3:56

Instrument :

MSVOA_N

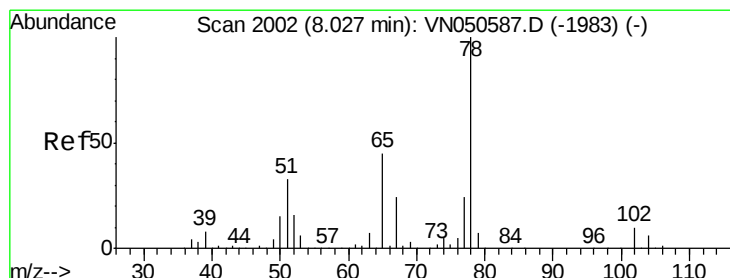
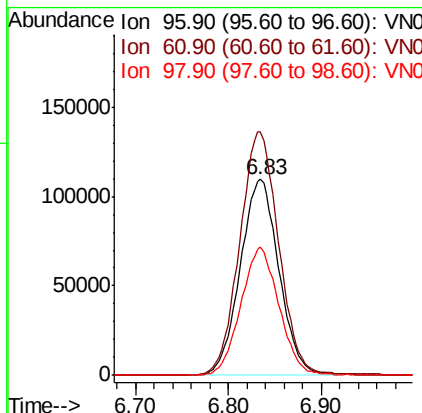
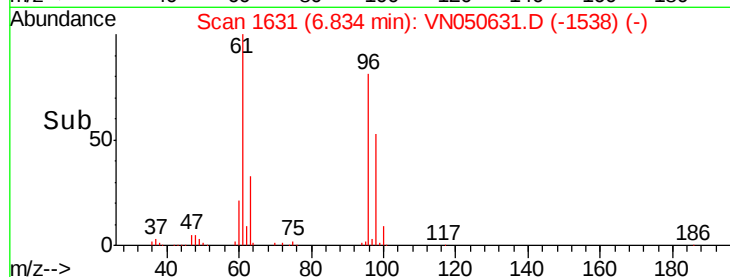
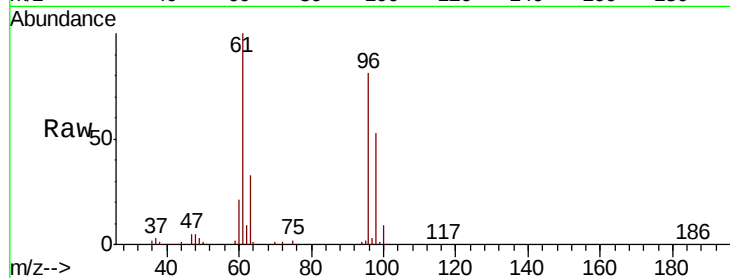
ClientSampleId :

950-MW-17(15.5)

Tot Ion	Ratio	Resp	Lower	Upper
96	100	318197		
61	125.3	0.0	278.2	
98	64.3	0.0	128.8	

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#33

1,2-Dichloroethane-d4

Concen: 49.55 ug/l

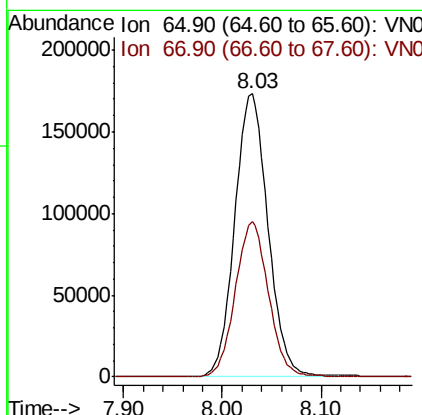
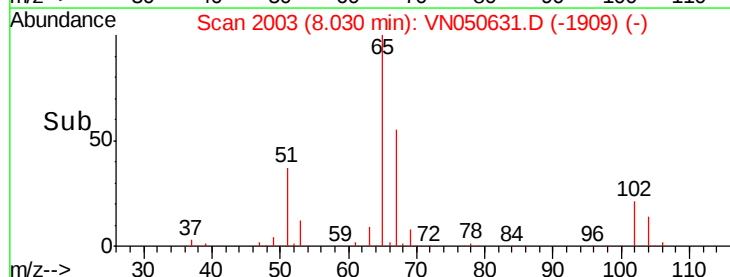
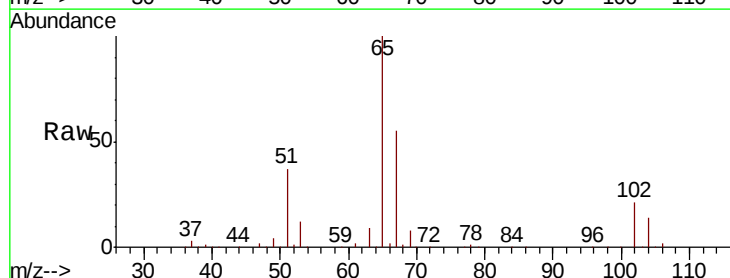
RT: 8.03 min Scan# 2003

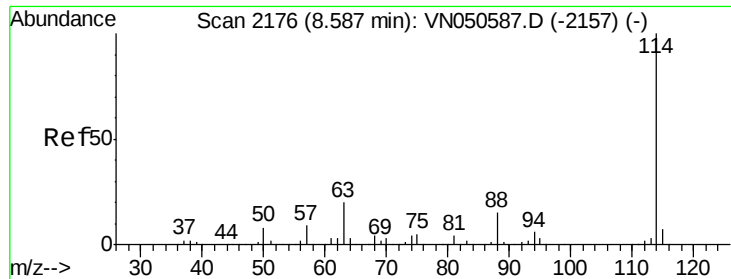
Delta R.T. 0.00 min

Lab File: VN050631.D

Acq: 15 Aug 2018 3:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	405594		
67	54.6	0.0	109.8	





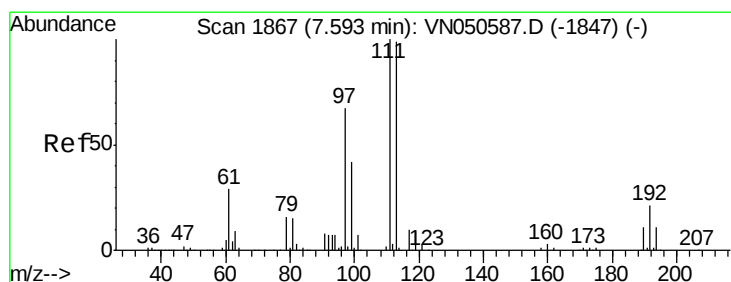
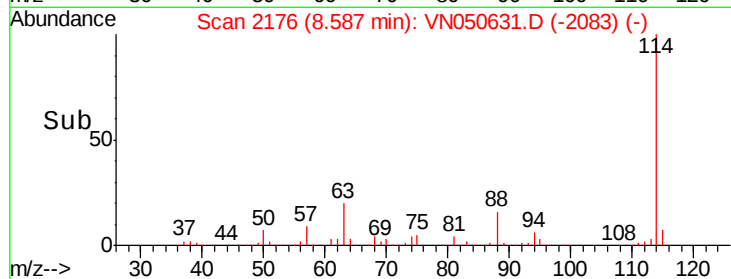
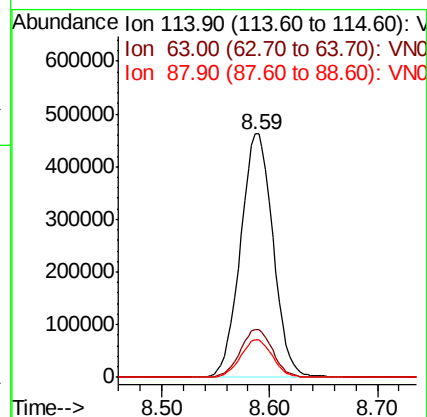
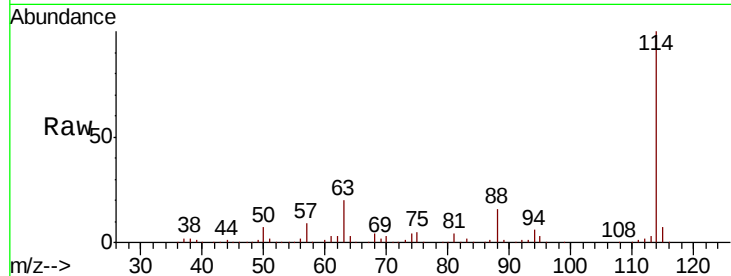
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050631.D
 Acq: 15 Aug 2018 3:56

Instrument :
 MSVOA_N
 ClientSampleId :
 950-MW-17(15.5)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.7	0.0	40.0
88	15.6	0.0	30.8

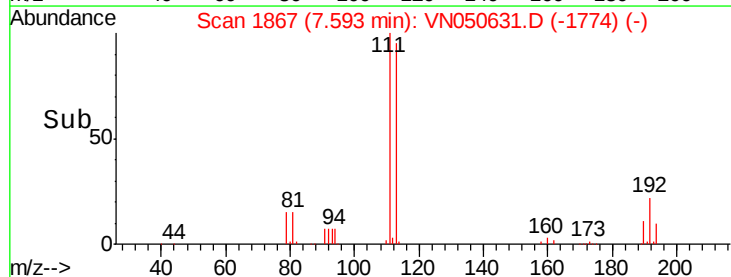
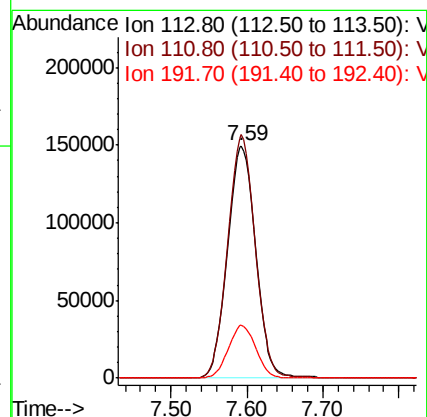
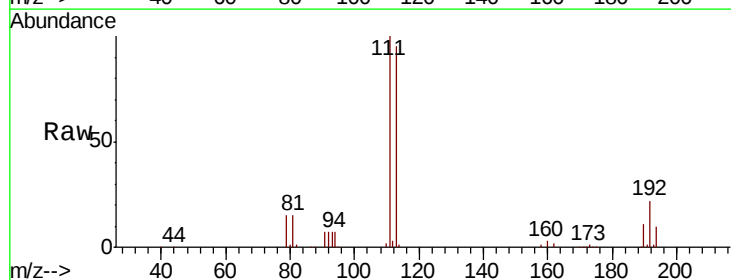
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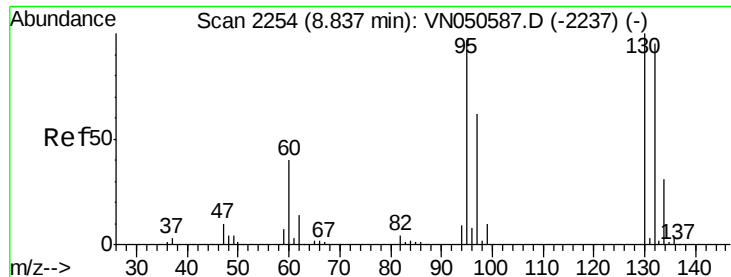
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#35
 Dibromofluoromethane
 Concen: 49.91 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050631.D
 Acq: 15 Aug 2018 3:56

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.1	81.0	121.6
192	22.1	17.6	26.4





#44

Trichloroethene

Concen: 72.07 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050631.D

Acq: 15 Aug 2018 3:56

Instrument :

MSVOA_N

ClientSampleId :

950-MW-17(15.5)

Tot Ion:130 Resp: 636054

Ion Ratio Lower Upper

130 100

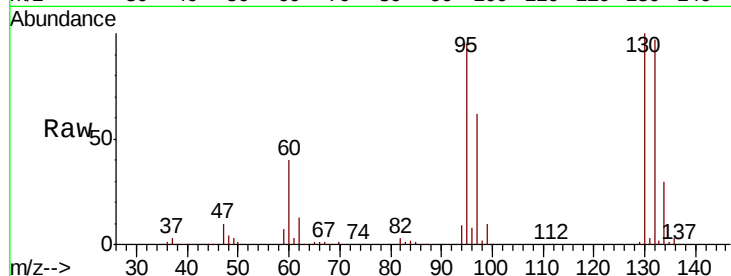
95 95.2 0.0 193.8

Manual Integrations

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.84

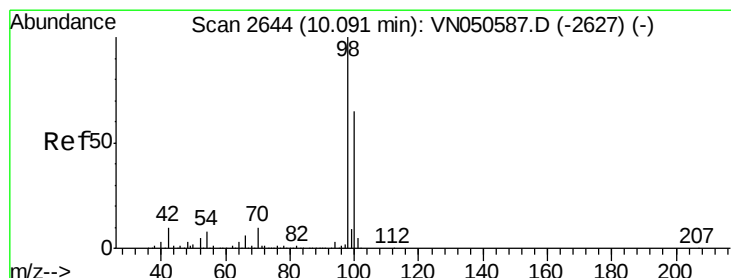
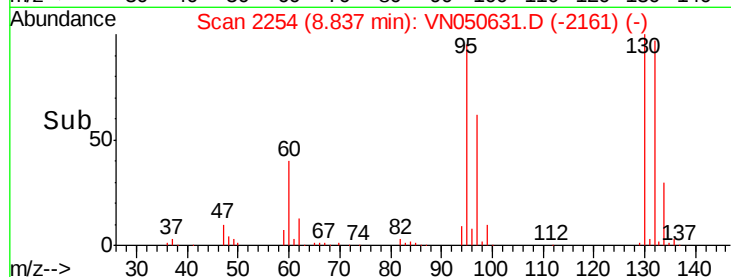
300000

200000

100000

0

Time-->



#50

Toluene-d8

Concen: 48.15 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050631.D

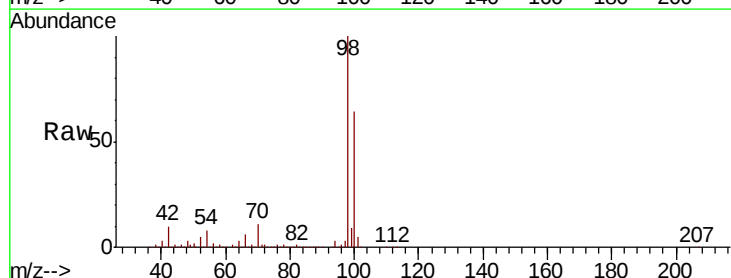
Acq: 15 Aug 2018 3:56

Tgt Ion: 98 Resp: 1407368

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

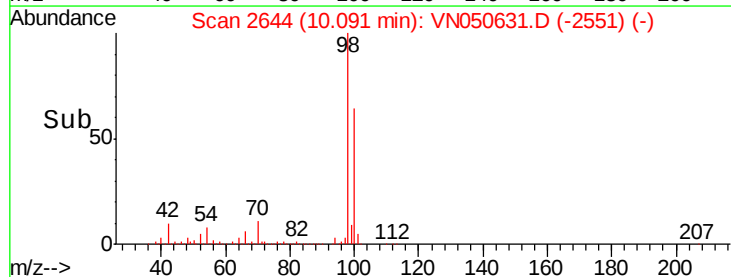
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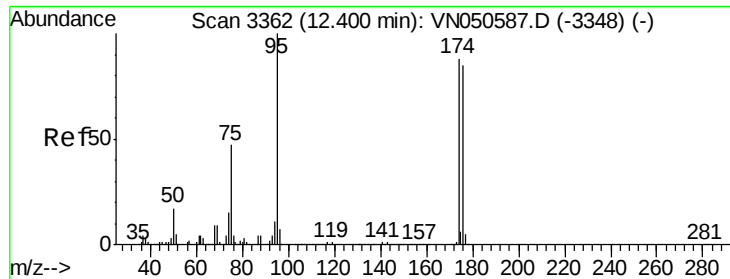
400000

200000

0

Time-->





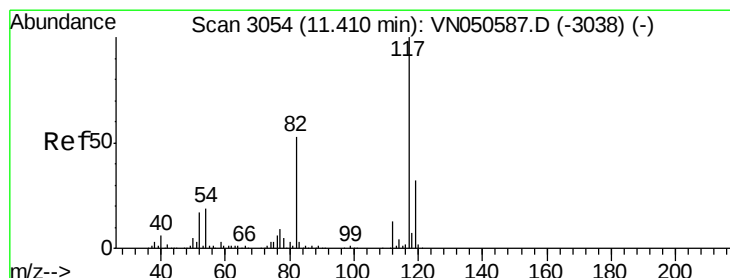
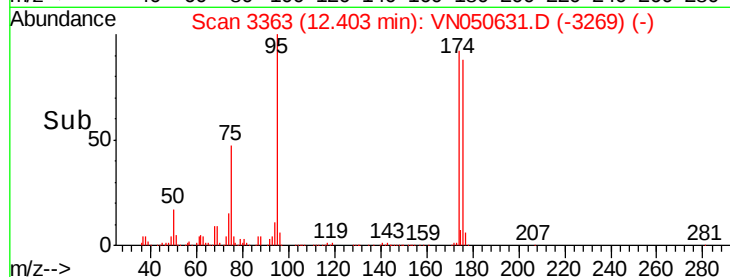
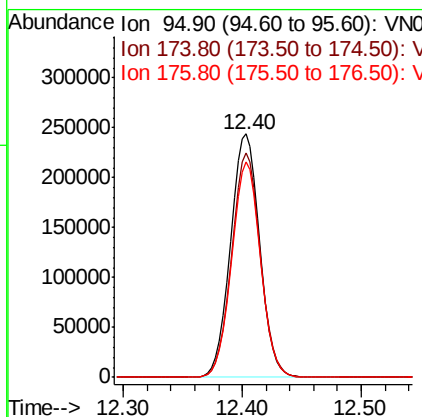
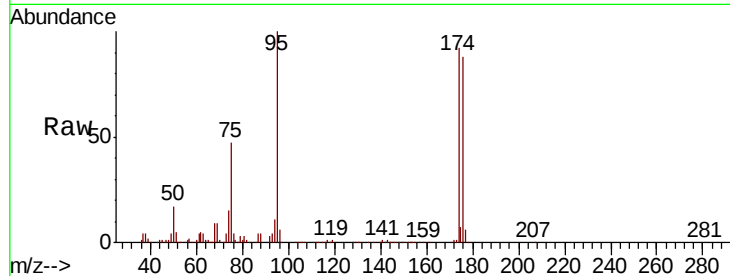
#62
4-Bromofluorobenzene
Concen: 42.73 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050631.D
Acq: 15 Aug 2018 3:56

Instrument :
MSVOA_N
ClientSampleId :
950-MW-17(15.5)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	412610		
174	90.8	0.0	177.8	
176	87.4	0.0	175.0	

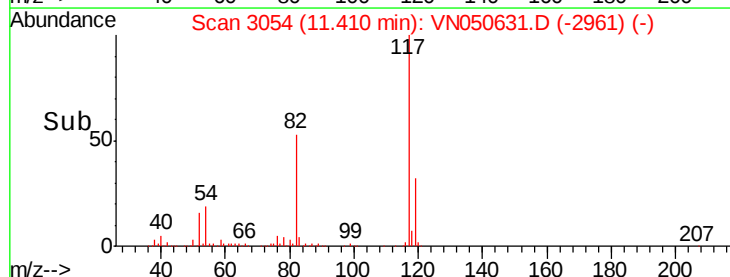
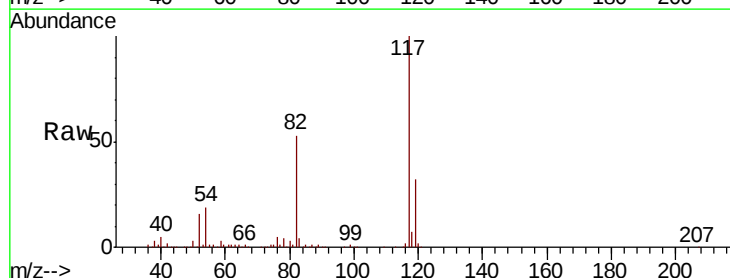
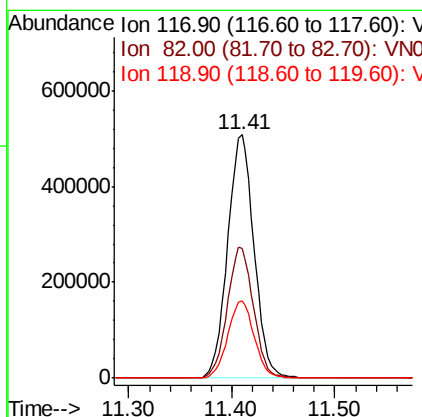
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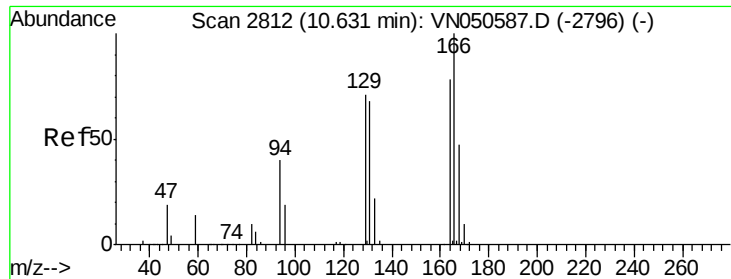
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050631.D
Acq: 15 Aug 2018 3:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	905403		
82	53.3	42.4	63.6	
119	31.9	25.8	38.8	





#64

Tetrachloroethene

Concen: 2710.84 ug/l m

RT: 10.62 min Scan# 2809

Delta R.T. -0.01 min

Lab File: VN050631.D

Acq: 15 Aug 2018 3:56

Instrument :

MSVOA_N

ClientSampleId :

950-MW-17(15.5)

Tot Ion:164 Resp:22793680

Ion Ratio Lower Upper

164 100

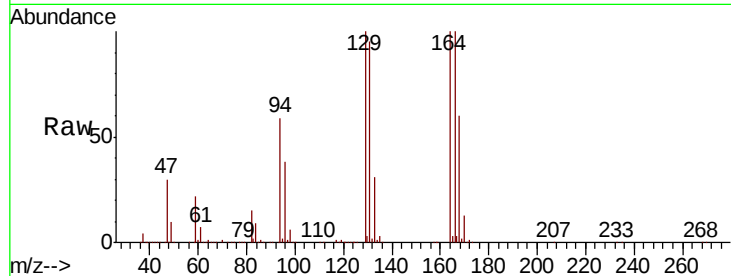
166 100.0 102.1 153.1#

129 99.5 72.7 109.1

131 94.7 69.9 104.9

Manual Integrations
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8/15/2018 3:32:39 PM



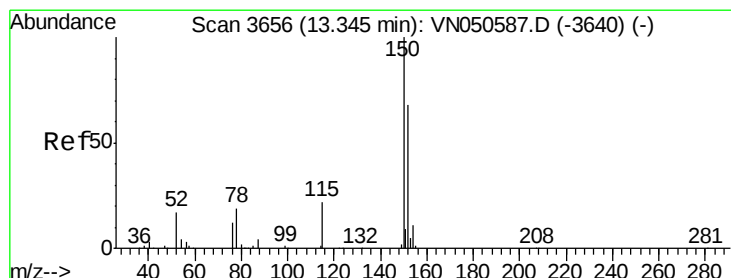
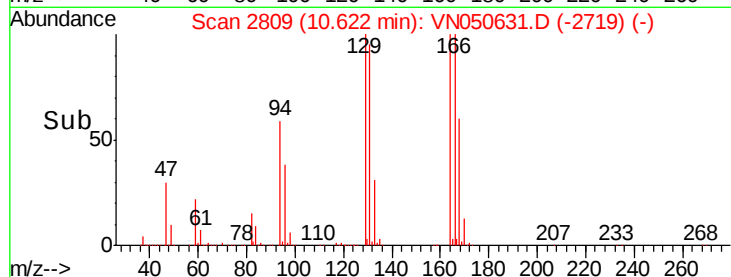
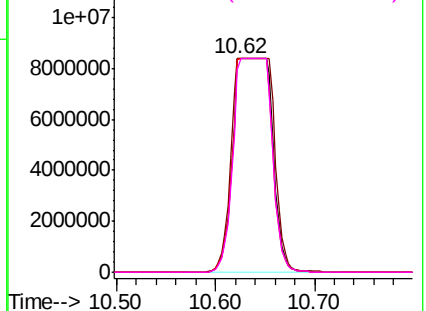
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050631.D

Acq: 15 Aug 2018 3:56

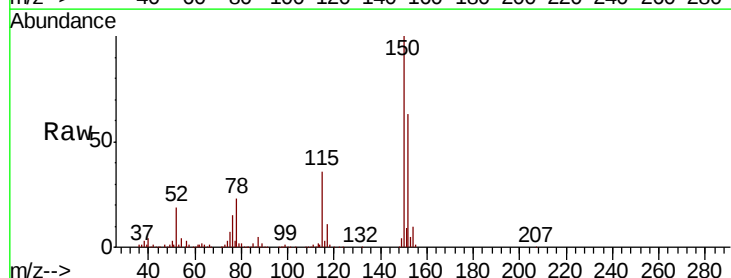
Tgt Ion:152 Resp: 337892

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

150 156.5 0.0 347.8



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

