

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050632.D
 Acq On : 15 Aug 2018 4:21
 Operator : MD\SY
 Sample : J4465-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 951-MW-18(21.5)

Quant Time: Aug 15 14:35:56 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	599681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	933568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	832303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	281313	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	398374	52.70	ug/l	0.00
Spiked Amount						
			Recovery	=	105.40%	
35) Dibromofluoromethane	7.59	113	378211	50.74	ug/l	0.00
Spiked Amount						
			Recovery	=	101.48%	
50) Toluene-d8	10.09	98	1336321	47.64	ug/l	0.00
Spiked Amount						
			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	12.40	95	358834	38.72	ug/l	0.00
Spiked Amount						
			Recovery	=	77.44%	

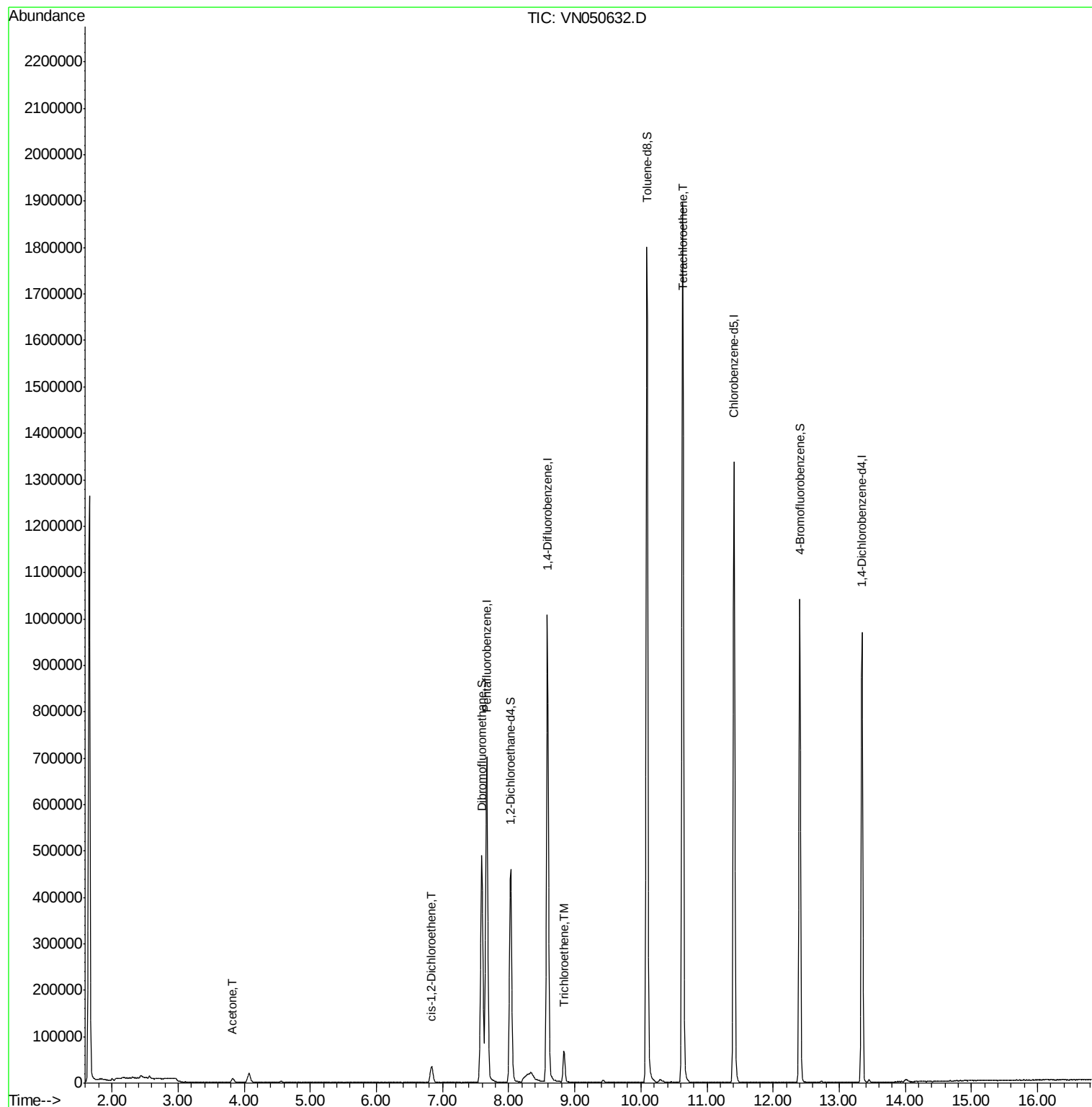
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	14276	6.15	ug/l	93
27) cis-1,2-Dichloroethene	6.83	96	24797	3.16	ug/l	90
44) Trichloroethene	8.84	130	26680	3.15	ug/l	97
64) Tetrachloroethene	10.63	164	481162	62.25	ug/l	99

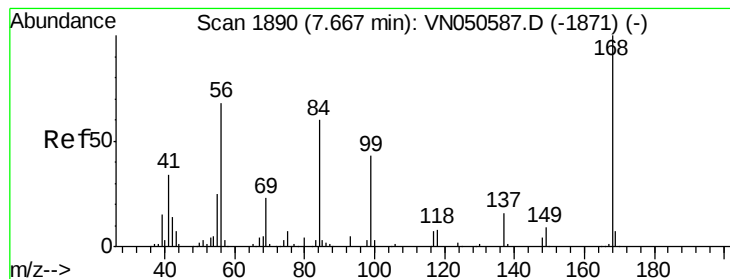
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050632.D

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MSVOA_N

ClientSampleId :

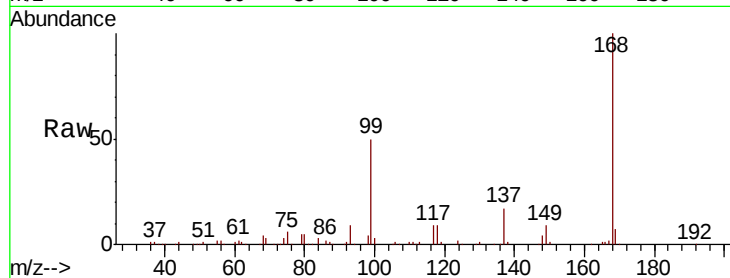
951-MW-18(21.5)

Tot Ion:168 Resp: 599681

Ion Ratio Lower Upper

168 100

99 50.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

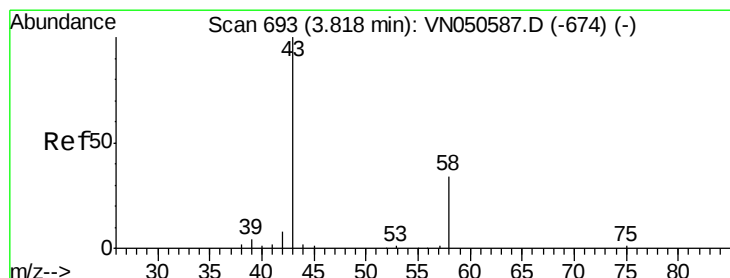
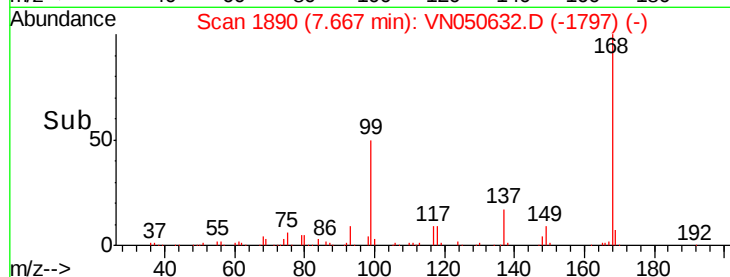
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.15 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050632.D

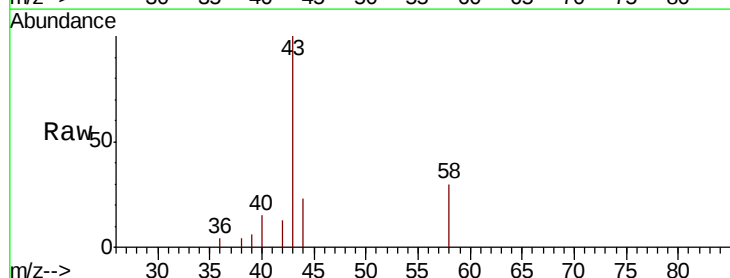
Acq: 15 Aug 2018 4:21

Tgt Ion: 43 Resp: 14276

Ion Ratio Lower Upper

43 100

58 30.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.82

5000

4000

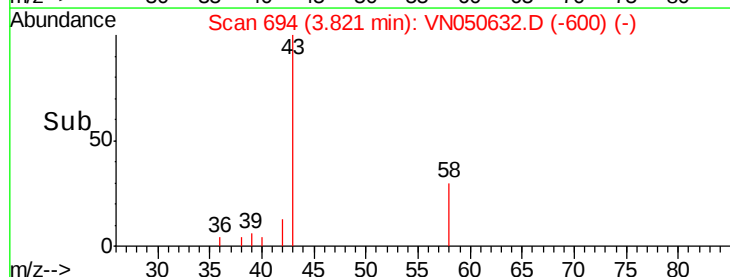
3000

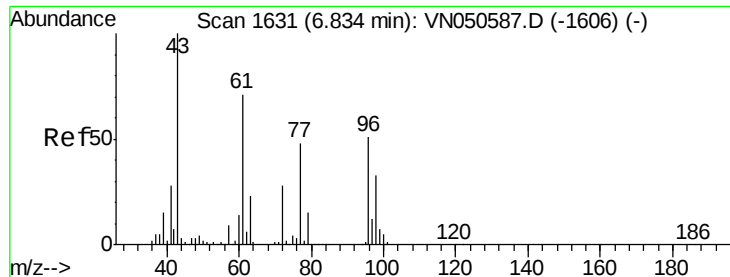
2000

1000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 3.16 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VN050632.D

Acq: 15 Aug 2018 4:21

Instrument :

MSVOA_N

ClientSampleId :

951-MW-18(21.5)

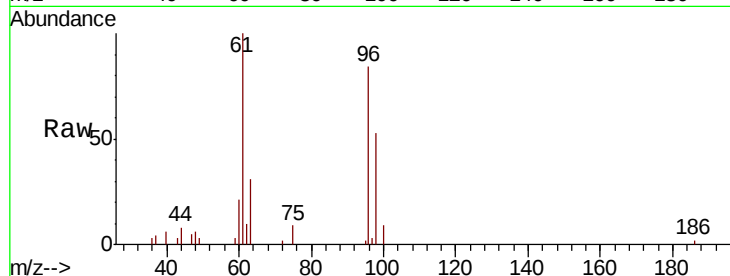
Tot Ion: 96 Resp: 24797

Ion Ratio Lower Upper

96 100

61 121.4 0.0 278.2

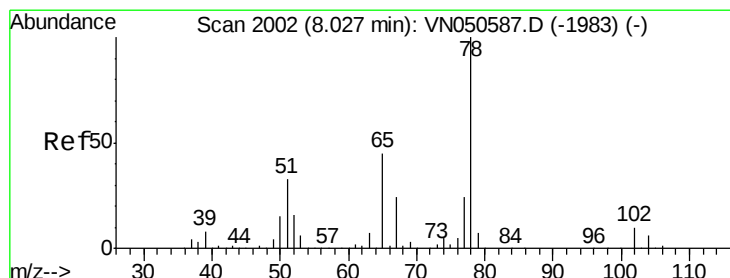
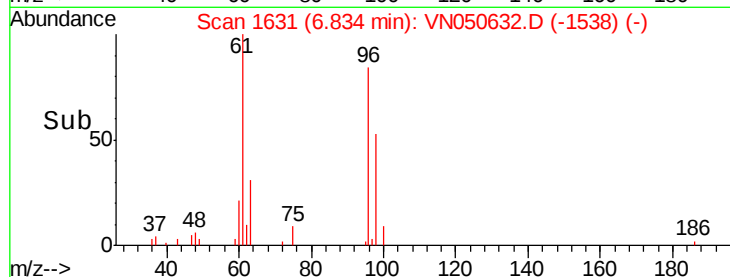
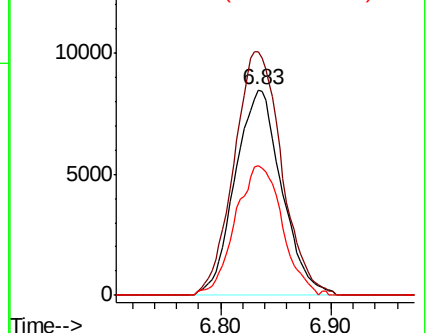
98 63.4 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.70 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050632.D

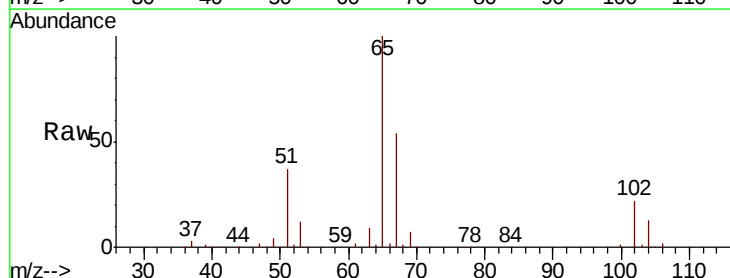
Acq: 15 Aug 2018 4:21

Tgt Ion: 65 Resp: 398374

Ion Ratio Lower Upper

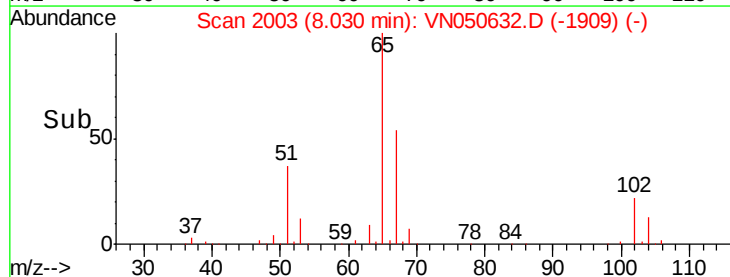
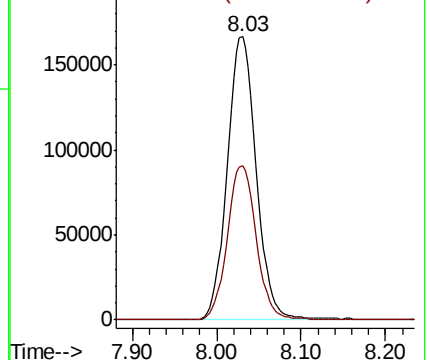
65 100

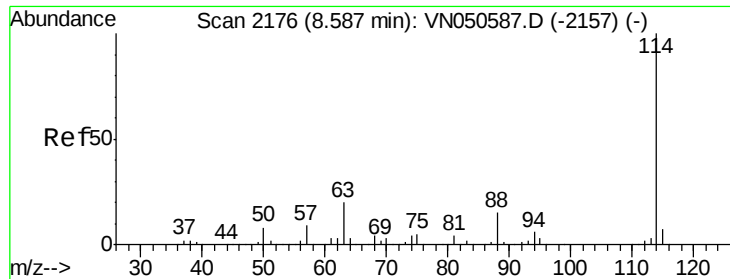
67 54.4 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

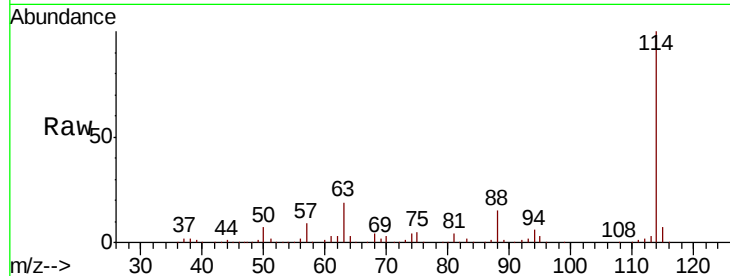




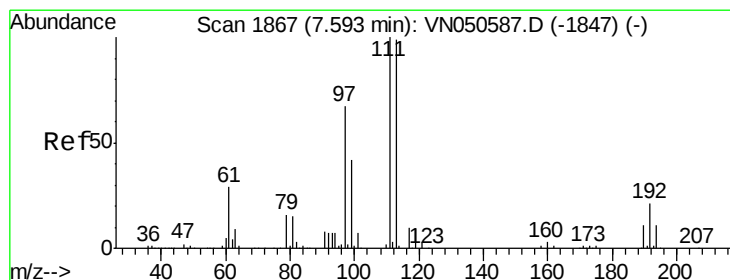
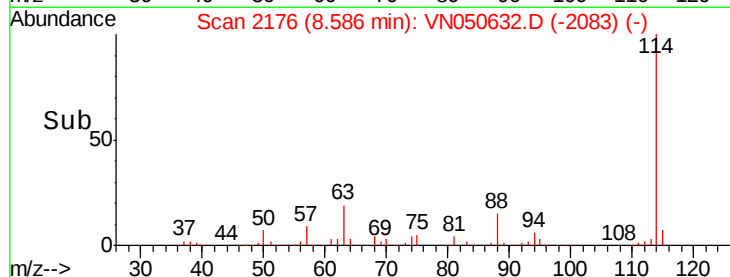
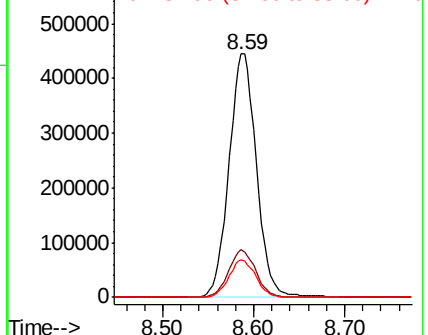
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050632.D
 Acq: 15 Aug 2018 4:21

Instrument :
 MSVOA_N
 ClientSampleId :
 951-MW-18(21.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.0
88	15.3	0.0	30.8

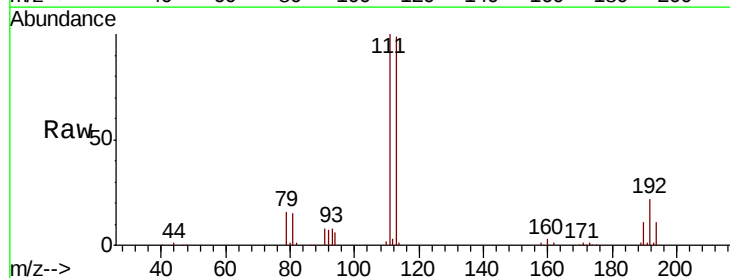


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

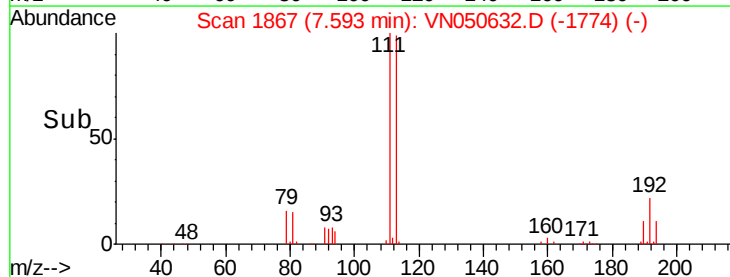
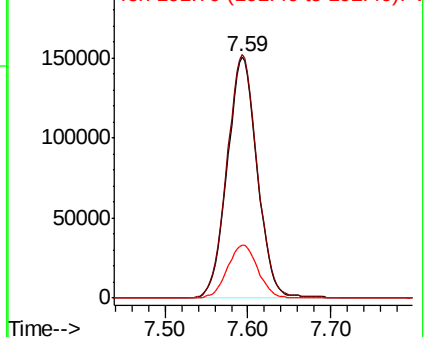


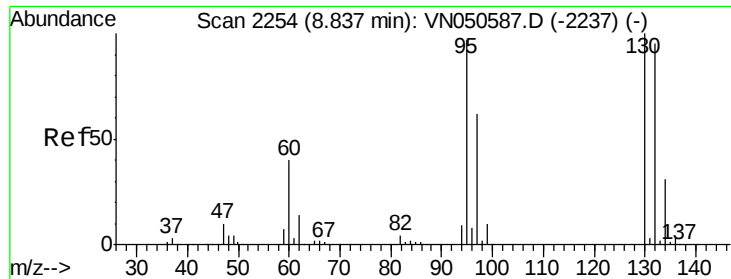
#35
 Dibromofluoromethane
 Concen: 50.74 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050632.D
 Acq: 15 Aug 2018 4:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.0	121.6
192	22.4	17.6	26.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

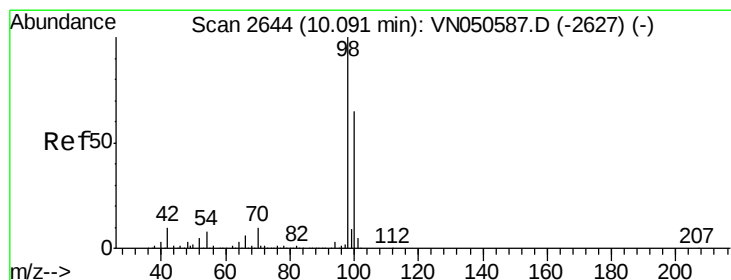
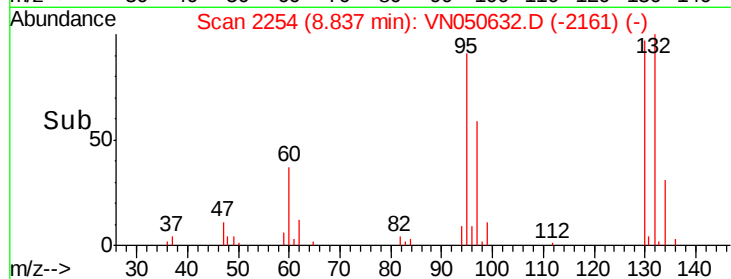
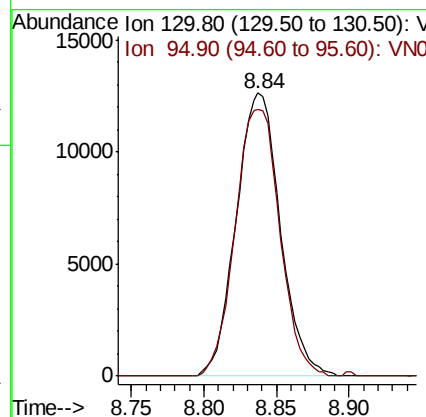
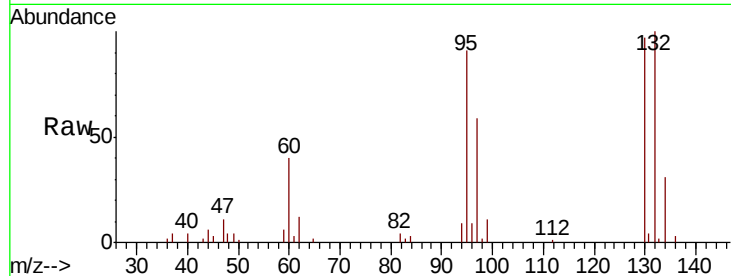




#44
 Trichloroethene
 Concen: 3.15 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VN050632.D
 Acq: 15 Aug 2018 4:21

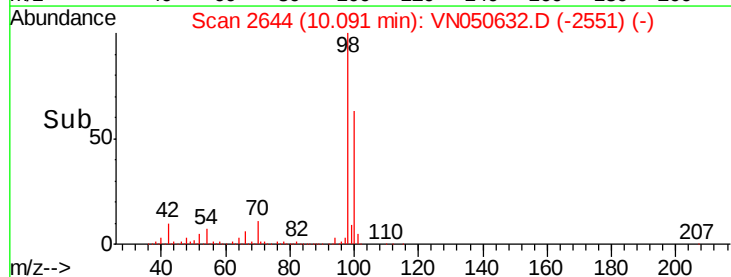
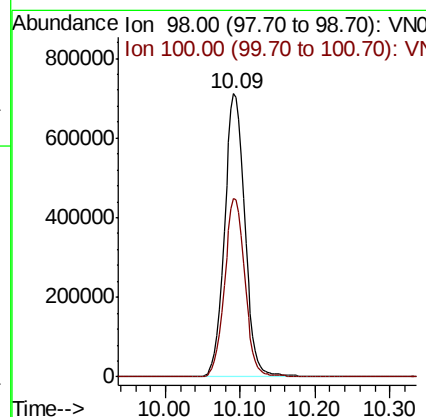
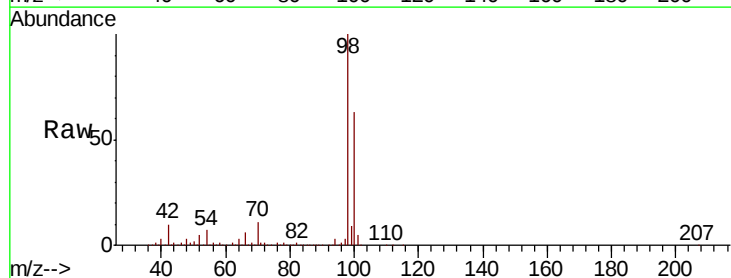
Instrument :
 MSVOA_N
 ClientSampleId :
 951-MW-18(21.5)

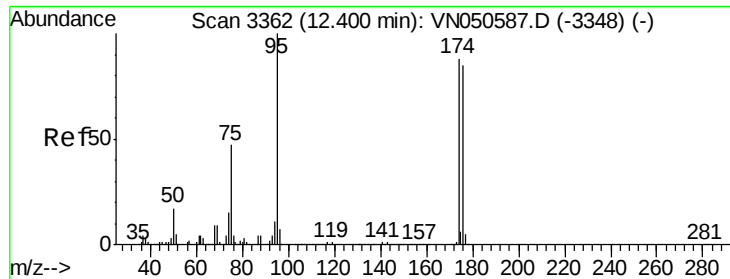
Tot Ion:130 Resp: 26680
 Ion Ratio Lower Upper
 130 100
 95 94.2 0.0 193.8



#50
 Toluene-d8
 Concen: 47.64 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050632.D
 Acq: 15 Aug 2018 4:21

Tgt Ion: 98 Resp: 1336321
 Ion Ratio Lower Upper
 98 100
 100 63.1 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 38.72 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050632.D

Acq: 15 Aug 2018 4:21

Instrument :

MSVOA_N

ClientSampleId :

951-MW-18(21.5)

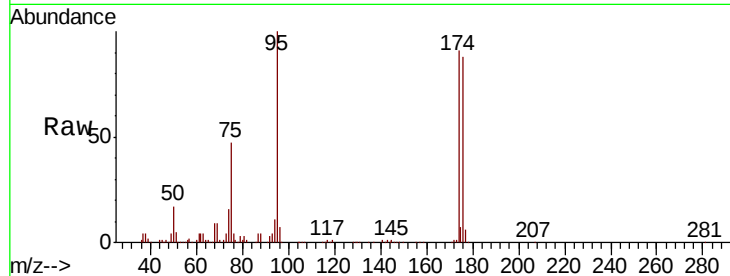
Tot Ion: 95 Resp: 358834

Ion Ratio Lower Upper

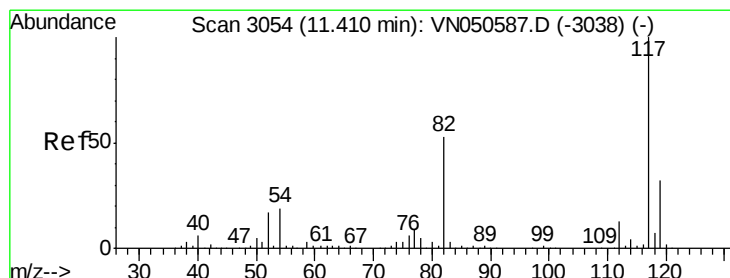
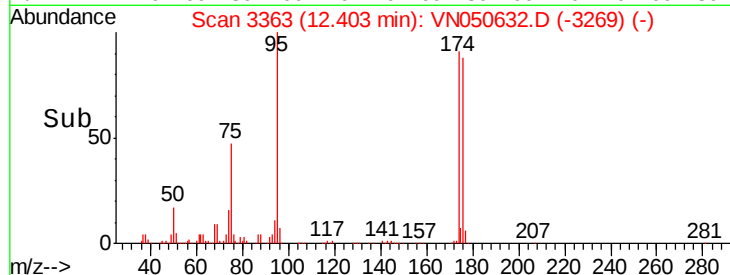
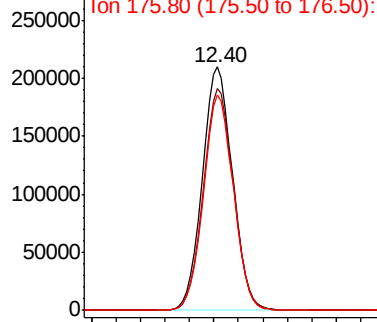
95 100

174 90.9 0.0 177.8

176 87.8 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050632.D

Acq: 15 Aug 2018 4:21

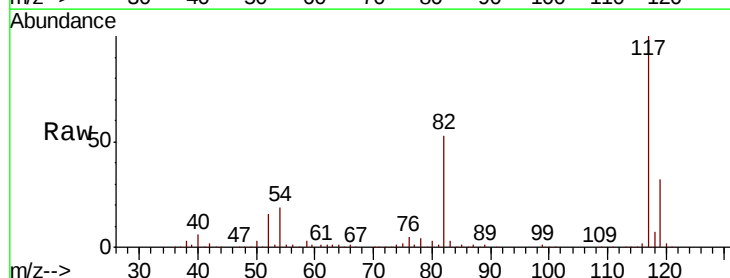
Tgt Ion: 117 Resp: 832303

Ion Ratio Lower Upper

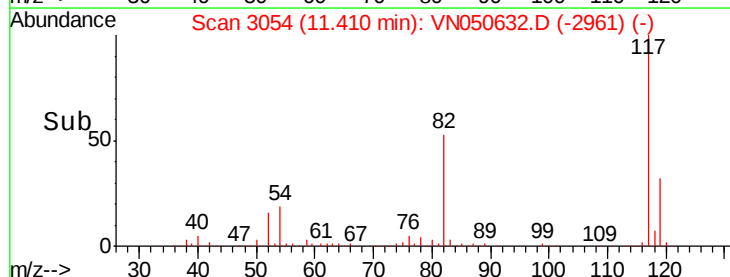
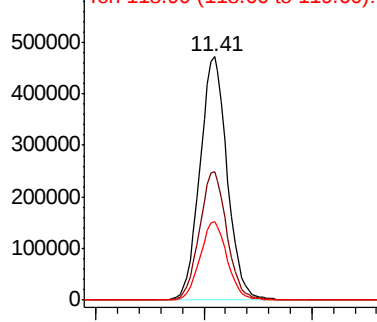
117 100

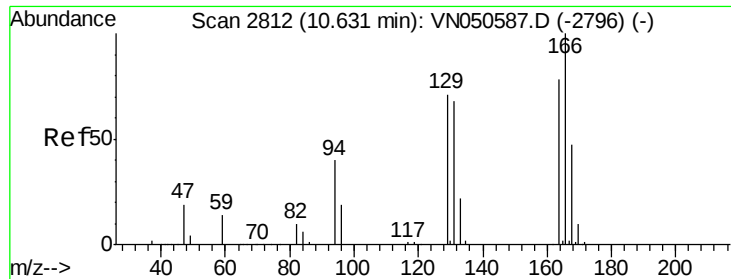
82 52.7 42.4 63.6

119 32.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)





#64

Tetrachloroethene

Concen: 62.25 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN050632.D

Acq: 15 Aug 2018 4:21

Instrument :

MSVOA_N

ClientSampleId :

951-MW-18(21.5)

Tot Ion:164 Resp: 481162

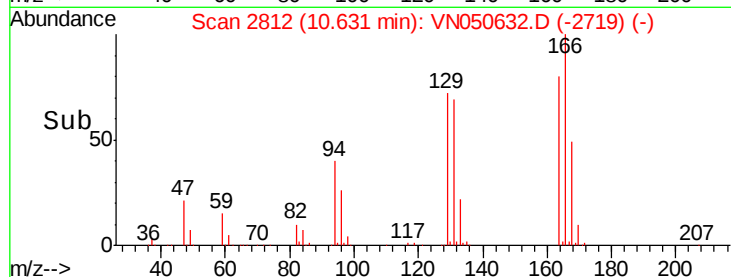
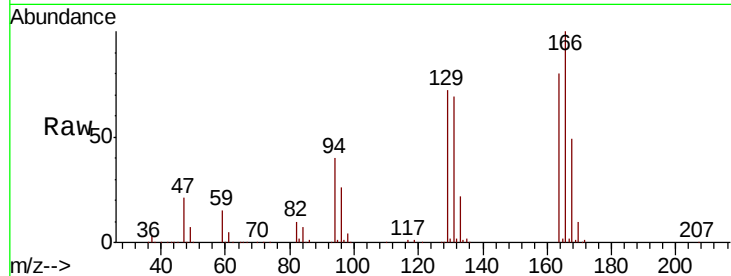
Ion Ratio Lower Upper

164 100

166 125.4 102.1 153.1

129 90.4 72.7 109.1

131 86.9 69.9 104.9

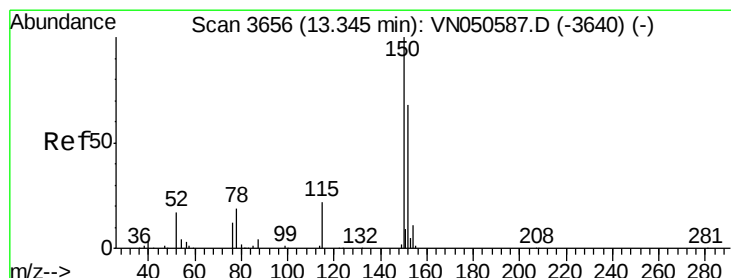
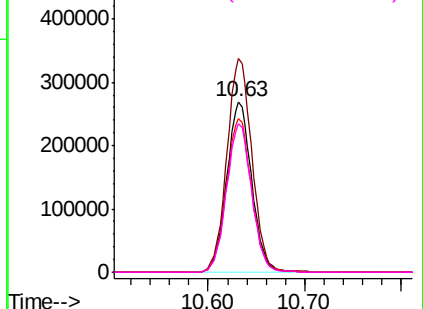


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN050632.D

Acq: 15 Aug 2018 4:21

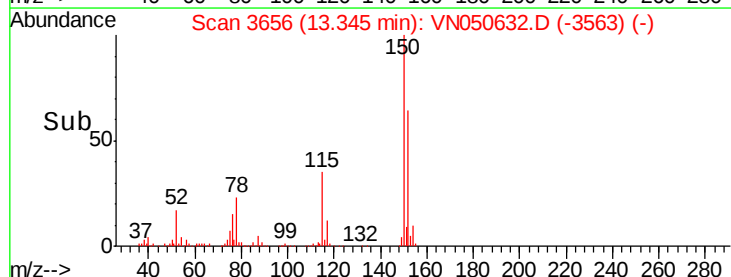
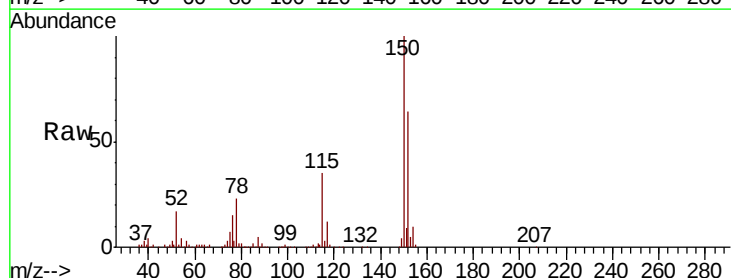
Tgt Ion:152 Resp: 281313

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

150 157.5 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

