

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050633.D
 Acq On : 15 Aug 2018 4:45
 Operator : MD\SY
 Sample : J4465-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 952-MW-19(28)

Quant Time: Aug 15 14:37:56 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	637237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	977089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	875334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	304706	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	410856	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.30%		
35) Dibromofluoromethane	7.59	113	389533	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.88%		
50) Toluene-d8	10.09	98	1389122	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.64%		
62) 4-Bromofluorobenzene	12.40	95	380690	39.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	78.50%		

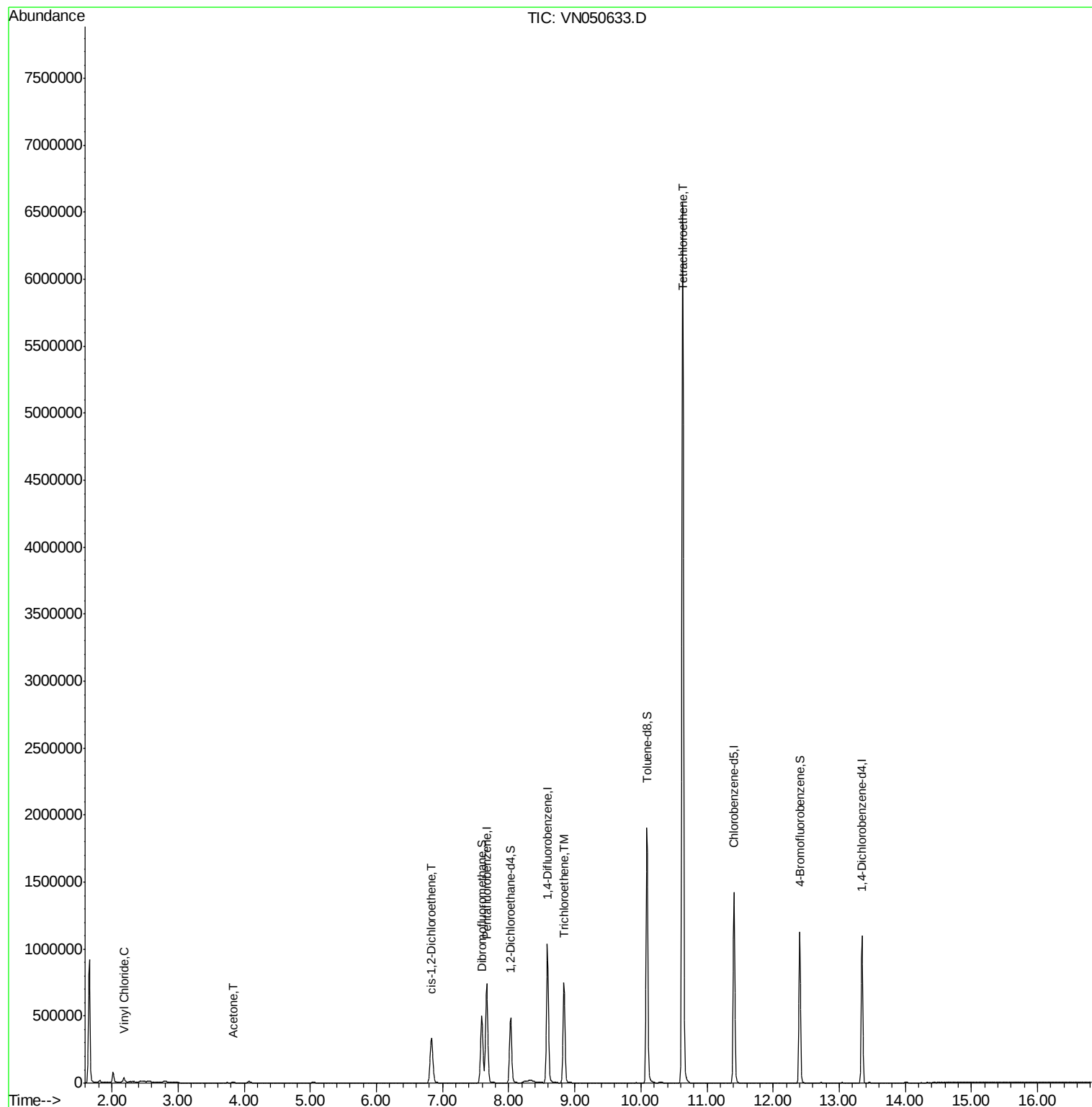
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.18	62	15608	1.64	ug/l	97
16) Acetone	3.83	43	10397	3.76	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	231895	27.78	ug/l	92
44) Trichloroethene	8.84	130	295283	33.31	ug/l	100
64) Tetrachloroethene	10.63	164	1633439	200.94	ug/l	98

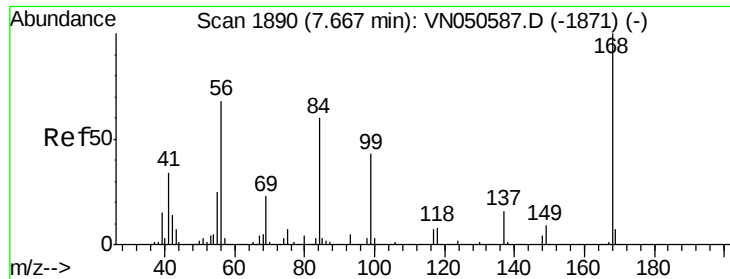
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampleId :

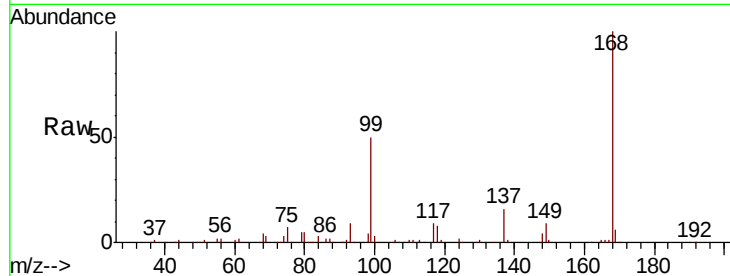
952-MW-19(28)

Tot Ion:168 Resp: 637237

Ion Ratio Lower Upper

168 100

99 49.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

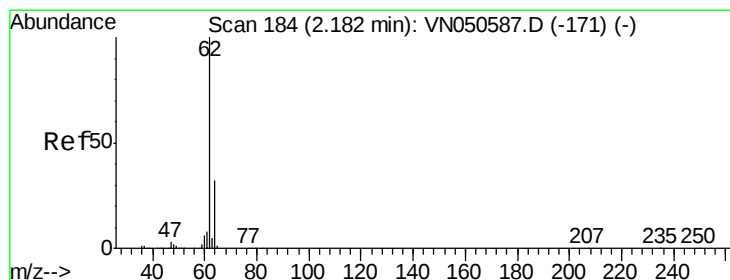
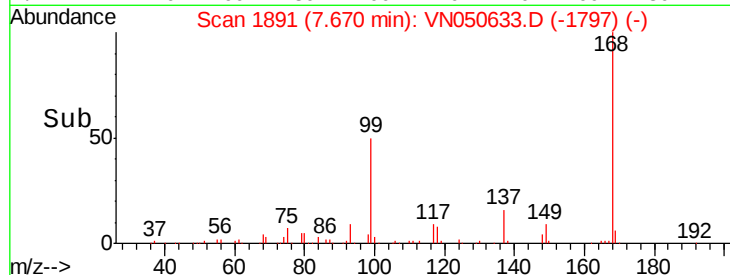
100000

50000

0

7.60 7.70 7.80

Time-->



#4

Vinyl Chloride

Concen: 1.64 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050633.D

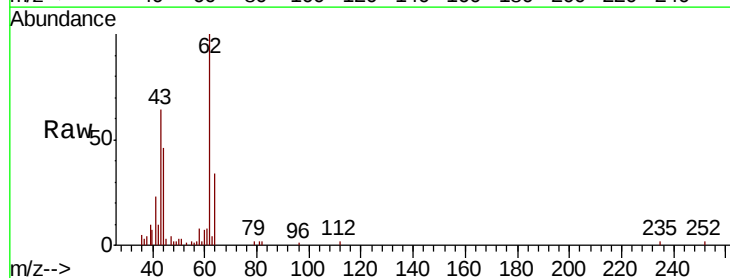
Acq: 15 Aug 2018 4:45

Tgt Ion: 62 Resp: 15608

Ion Ratio Lower Upper

62 100

64 33.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

12000

10000

8000

6000

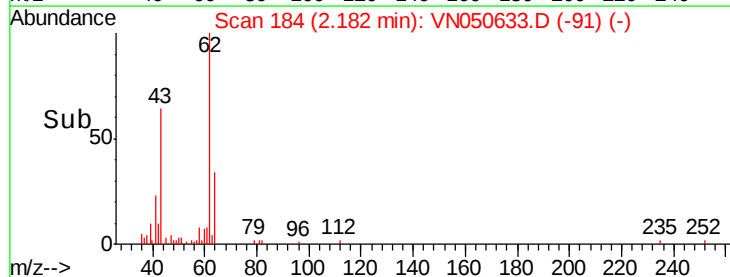
4000

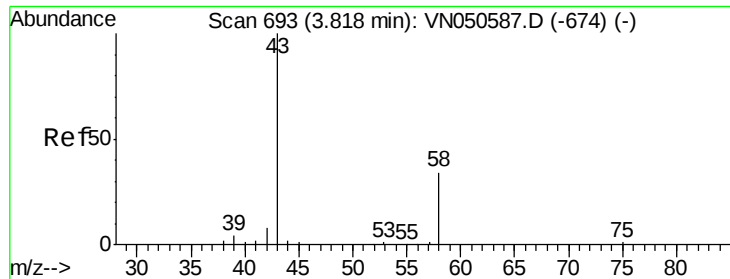
2000

0

2.15 2.20 2.25

Time-->





#16

Acetone

Concen: 3.76 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampleId :

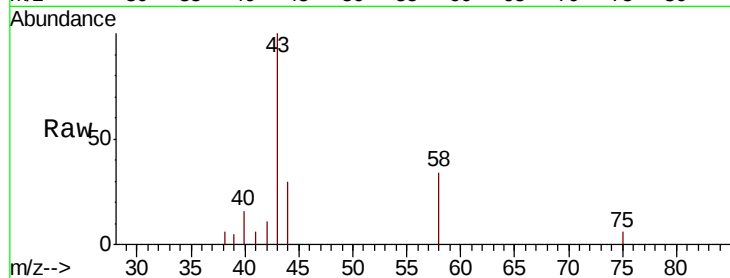
952-MW-19(28)

Tot Ion: 43 Resp: 10397

Ion Ratio Lower Upper

43 100

58 33.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050633.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050633.D (-600) (-)

3.83

4000

3000

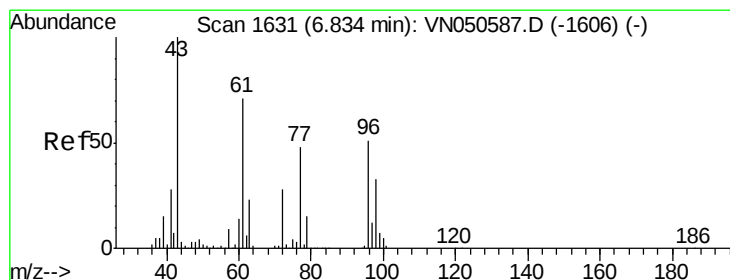
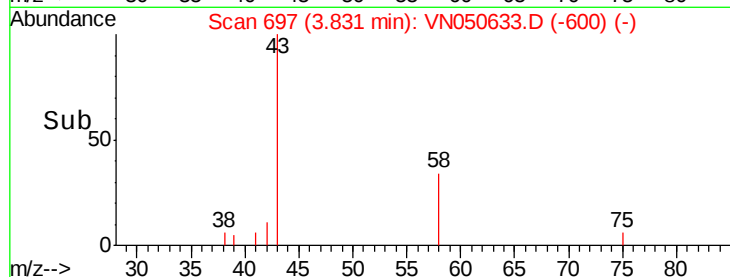
2000

1000

0

Time-->

3.75 3.80 3.85 3.90



#27

cis-1,2-Dichloroethene

Concen: 27.78 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

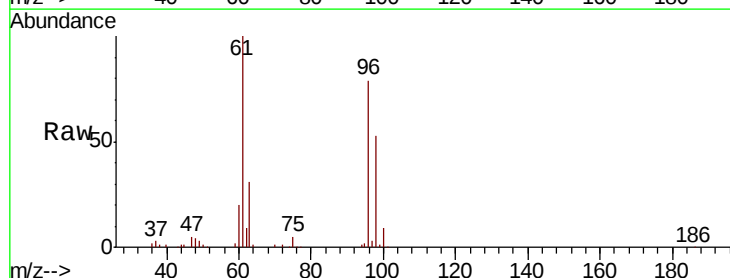
Tgt Ion: 96 Resp: 231895

Ion Ratio Lower Upper

96 100

61 124.9 0.0 278.2

98 64.9 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VN050633.D (-1538) (-)

Ion 60.90 (60.60 to 61.60): VN050633.D (-1538) (-)

Ion 97.90 (97.60 to 98.60): VN050633.D (-1538) (-)

6.83

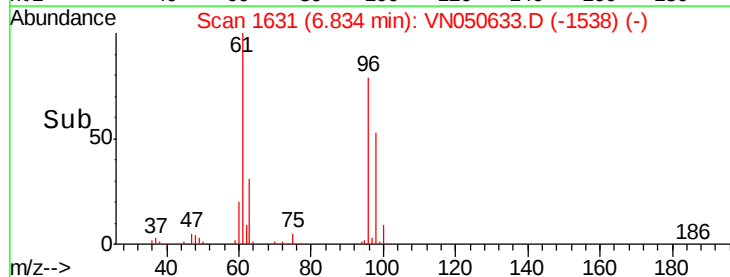
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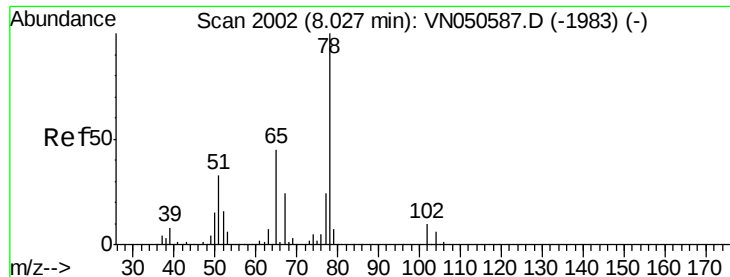
50000

0

Time-->

6.70 6.80 6.90





#33

1,2-Dichloroethane-d4

Concen: 51.15 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampleId :

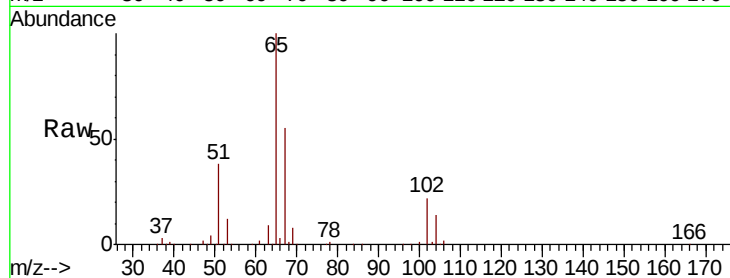
952-MW-19(28)

Tot Ion: 65 Resp: 410856

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN050587.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050587.D (-1983) (-)

8.03

200000

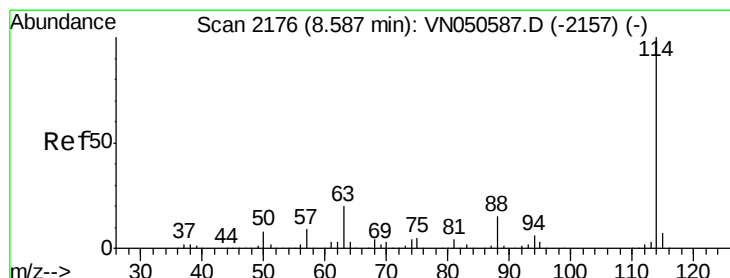
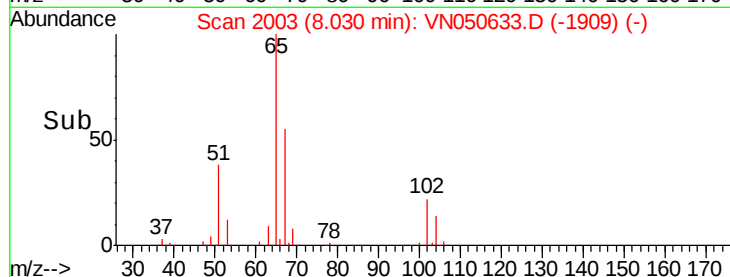
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

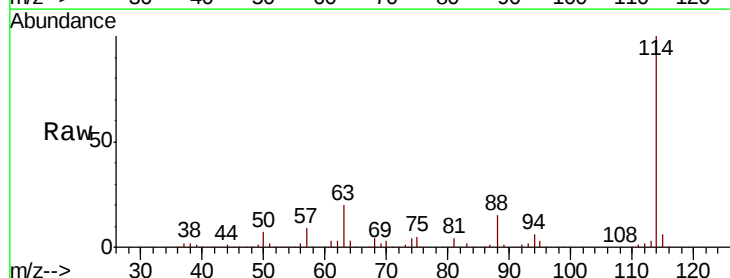
Tgt Ion: 114 Resp: 977089

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 15.3 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN050587.D (-2157) (-)

Ion 63.00 (62.70 to 63.70): VN050587.D (-2157) (-)

Ion 87.90 (87.60 to 88.60): VN050587.D (-2157) (-)

8.59

600000

500000

400000

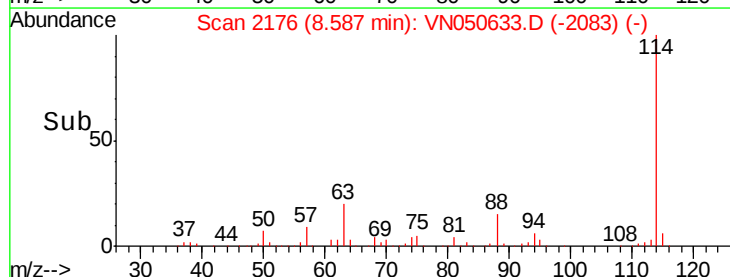
300000

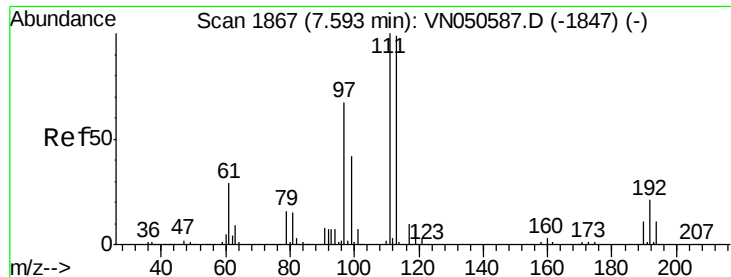
200000

100000

0

Time-->

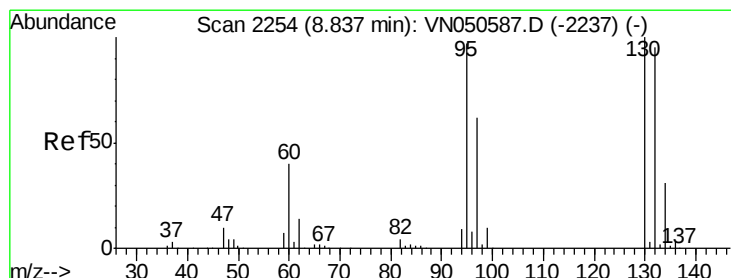
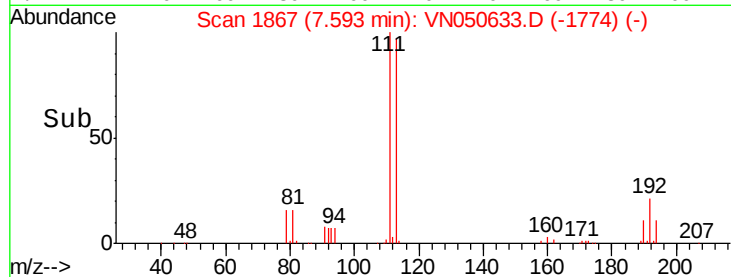
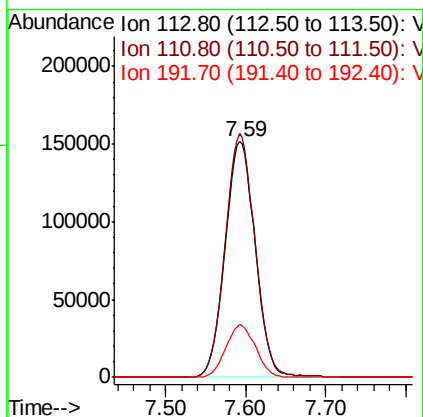
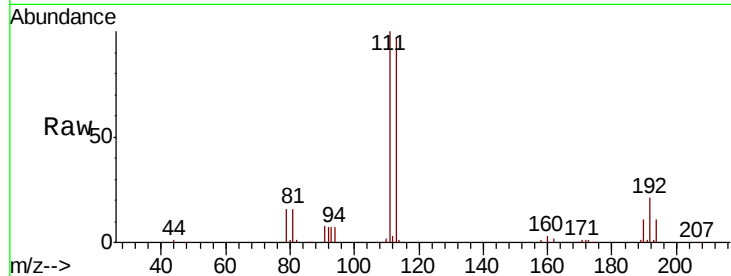




#35
 Dibromofluoromethane
 Concen: 49.94 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050633.D
 Acq: 15 Aug 2018 4:45

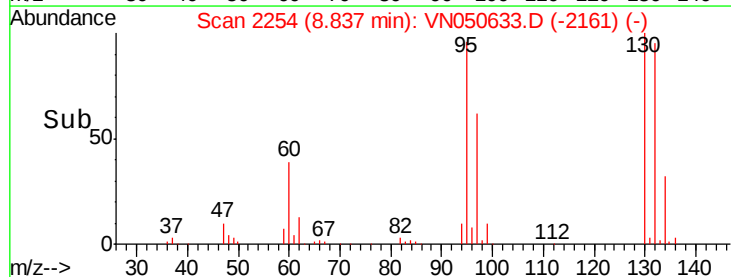
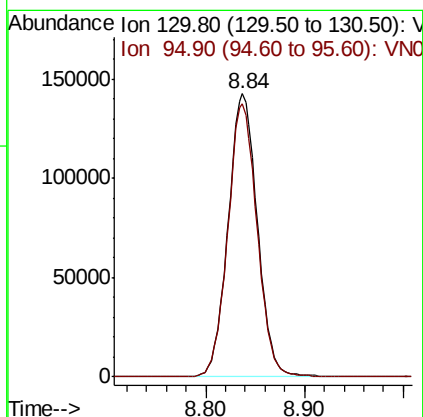
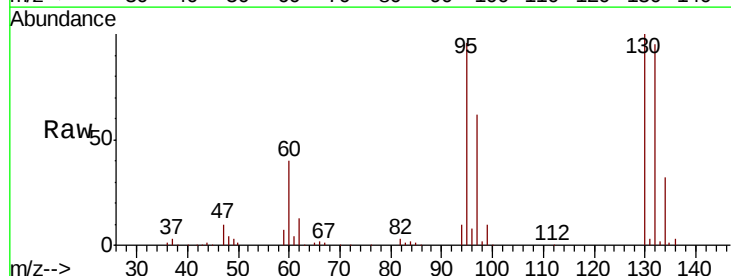
Instrument :
 MSVOA_N
 ClientSampleId :
 952-MW-19(28)

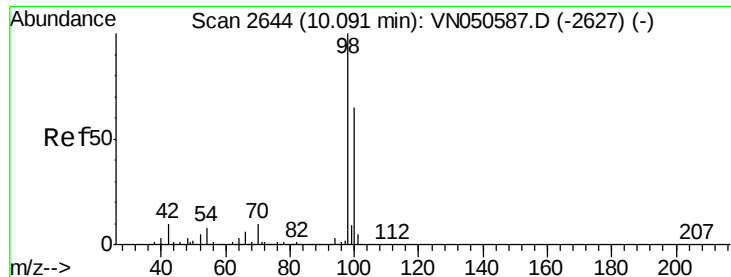
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.0	121.6
192	21.9	17.6	26.4



#44
 Trichloroethene
 Concen: 33.31 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN050633.D
 Acq: 15 Aug 2018 4:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	193.8





#50

Toluene-d8

Concen: 47.32 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampleId :

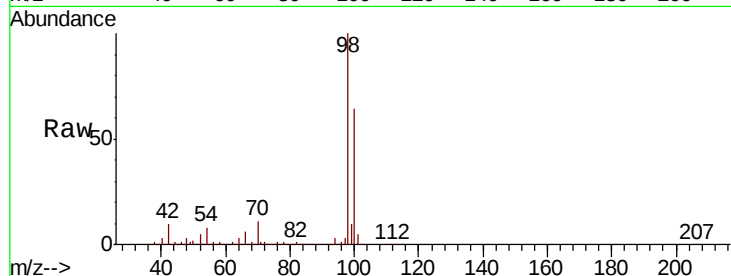
952-MW-19(28)

Tot Ion: 98 Resp: 1389122

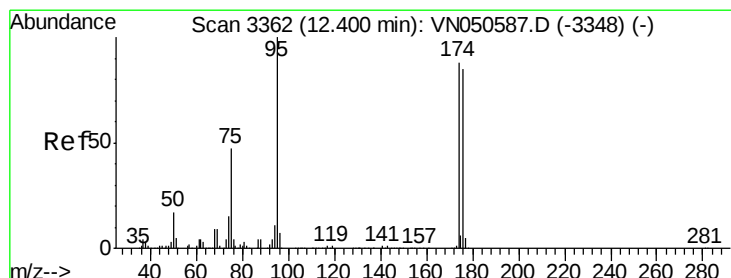
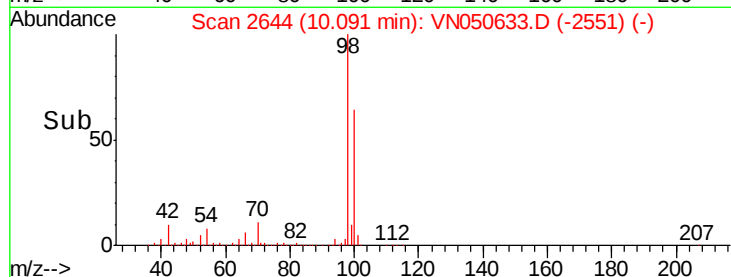
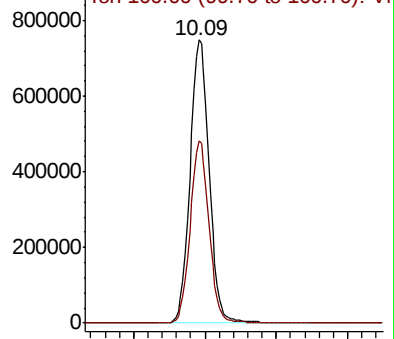
Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)



#62

4-Bromofluorobenzene

Concen: 39.25 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

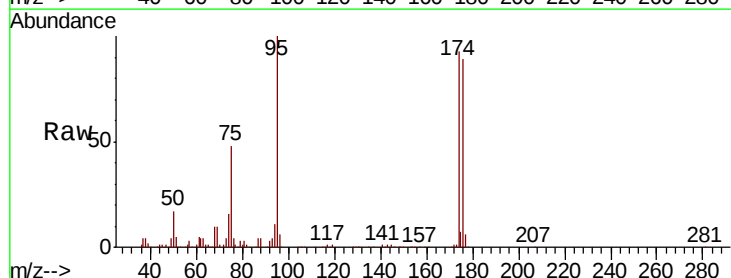
Tgt Ion: 95 Resp: 380690

Ion Ratio Lower Upper

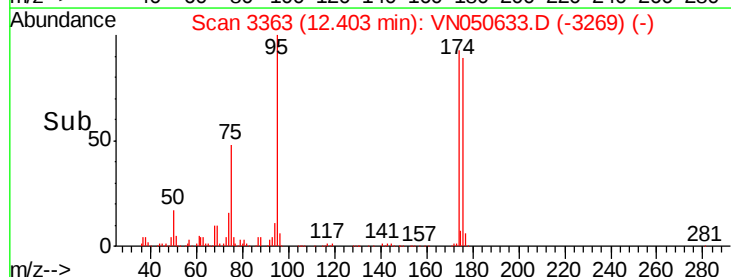
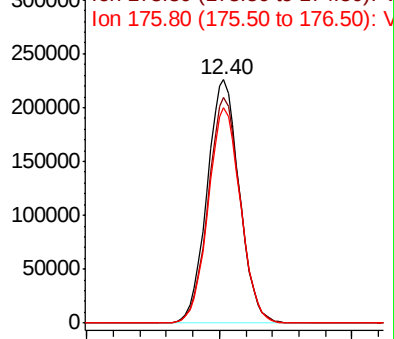
95 100

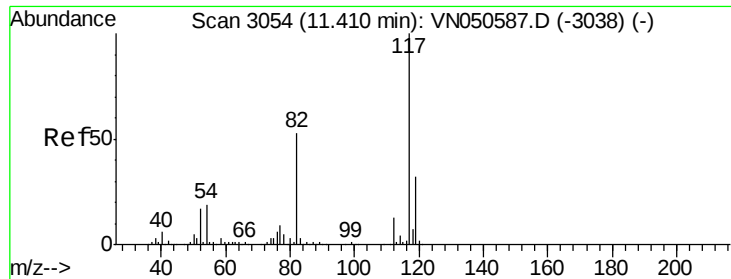
174 92.4 0.0 177.8

176 88.5 0.0 175.0



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

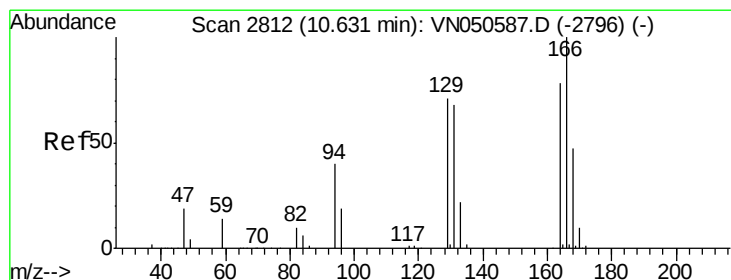
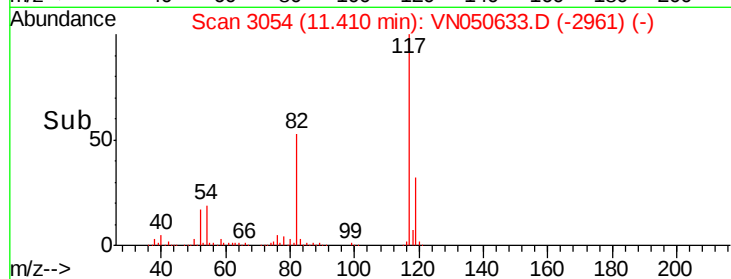
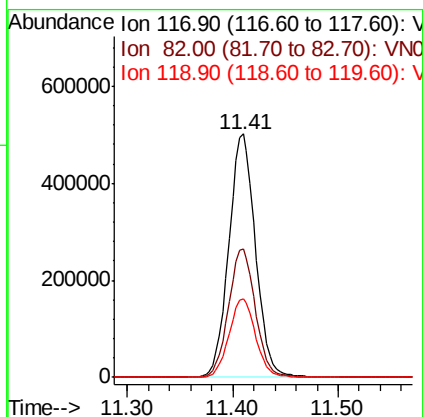
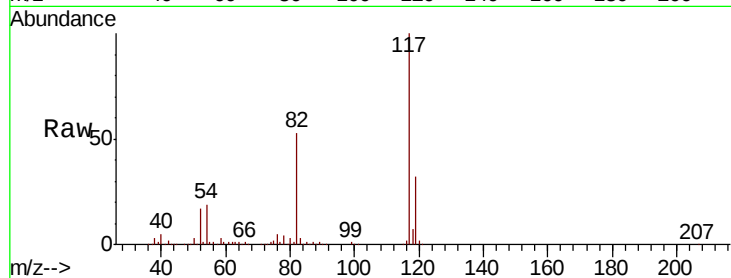




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050633.D
Acq: 15 Aug 2018 4:45

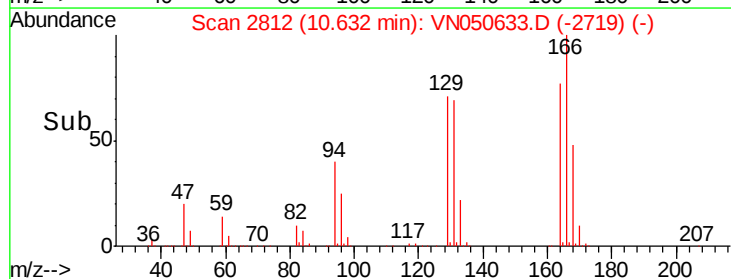
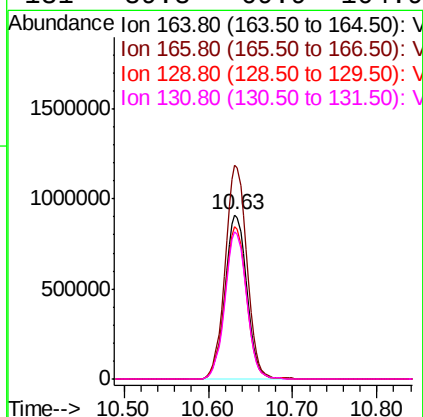
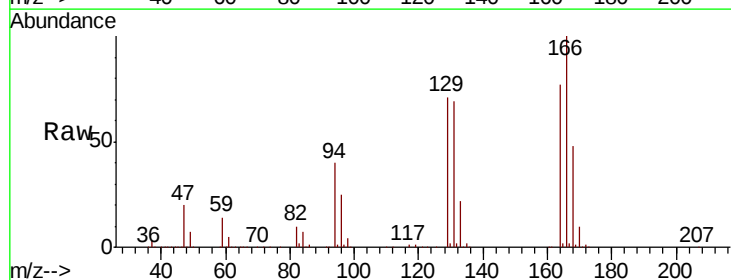
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952-MW-19(28)

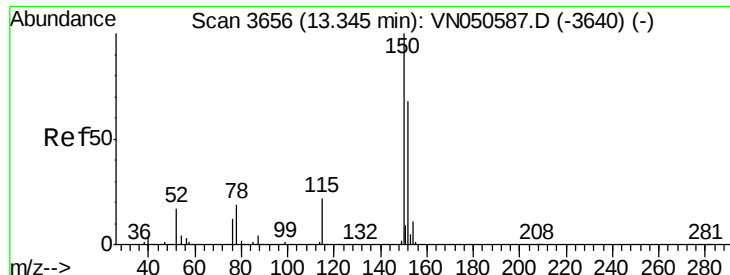
Tot Ion:117 Resp: 875334
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 200.94 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050633.D
Acq: 15 Aug 2018 4:45

Tgt Ion:164 Resp: 1633439
Ion Ratio Lower Upper
164 100
166 130.3 102.1 153.1
129 93.0 72.7 109.1
131 89.8 69.9 104.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampleId :

952-MW-19(28)

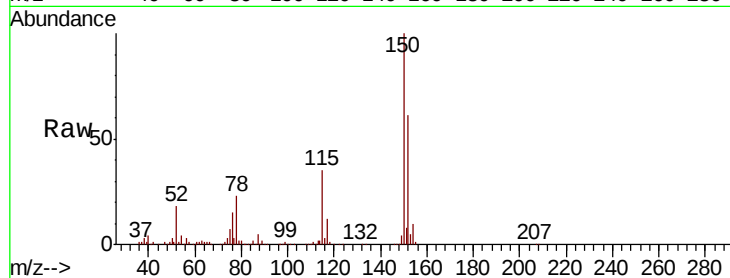
Tot Ion:152 Resp: 304706

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

150 159.3 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

