

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050624.D
 Acq On : 15 Aug 2018 1:03
 Operator : MD\SY
 Sample : J4465-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 942-MW-03A(17)

Quant Time: Aug 15 14:21:49 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	675903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1012810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	899145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	324654	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	421891	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
35) Dibromofluoromethane	7.59	113	399230	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
50) Toluene-d8	10.09	98	1432729	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
62) 4-Bromofluorobenzene	12.40	95	394896	39.28	ug/l	0.00
Spiked Amount			Recovery	=	78.56%	

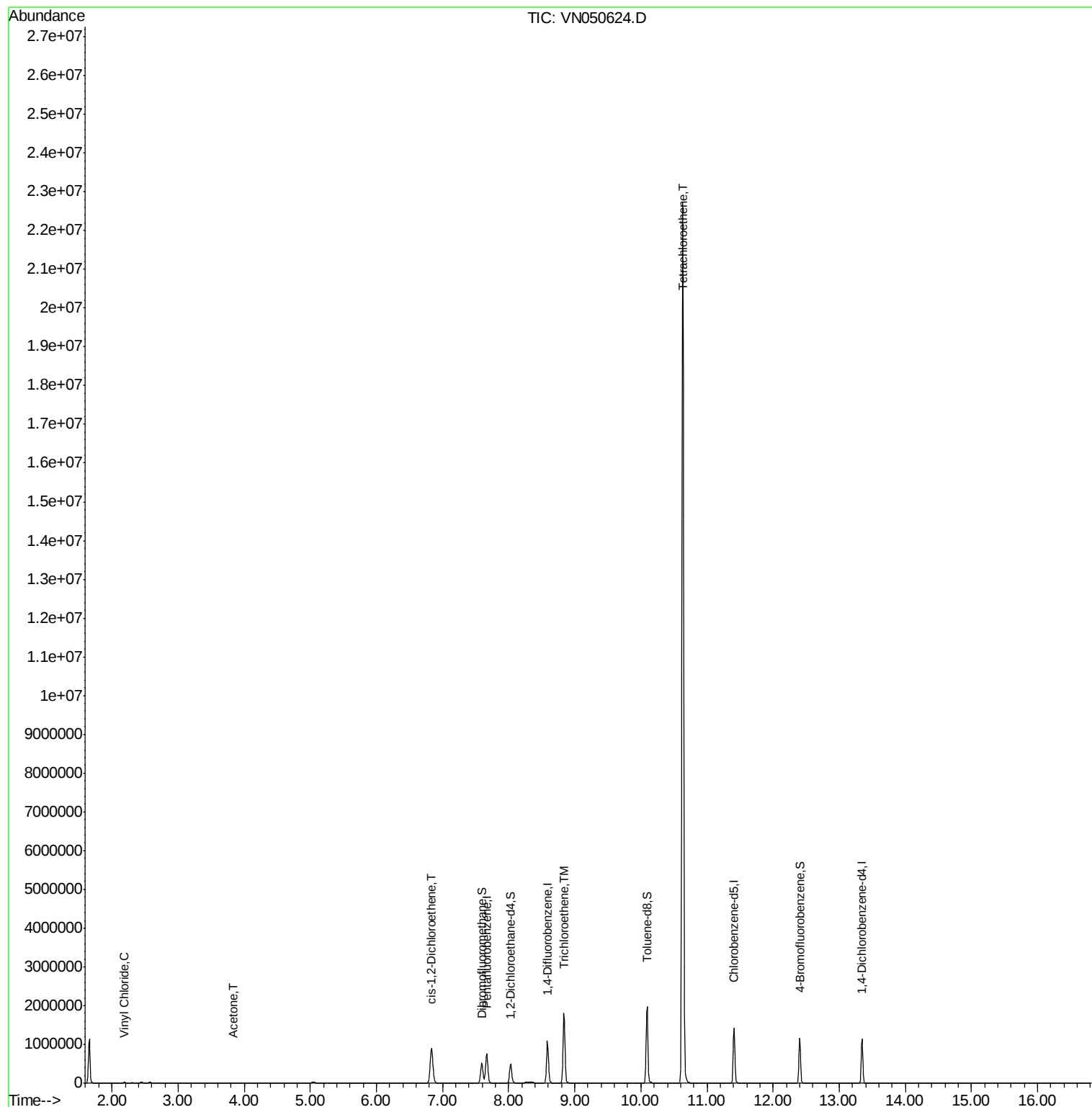
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.18	62	5085	0.50	ug/l	97
16) Acetone	3.82	43	11193	3.83	ug/l	91
27) cis-1,2-Dichloroethene	6.83	96	625651	70.67	ug/l	92
44) Trichloroethene	8.84	130	702210	76.43	ug/l	99
64) Tetrachloroethene	10.63	164	5723272	685.40	ug/l	99

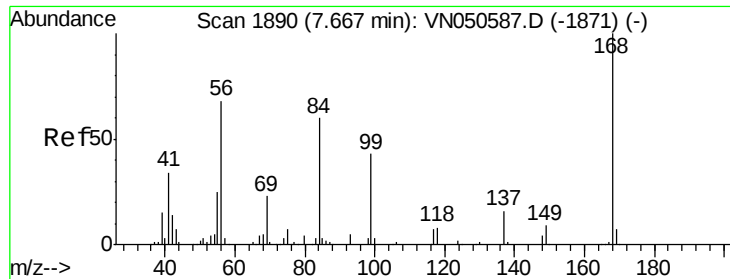
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050624.D

Acq: 15 Aug 2018 1:03

Instrument :

MSVOA_N

ClientSampleId :

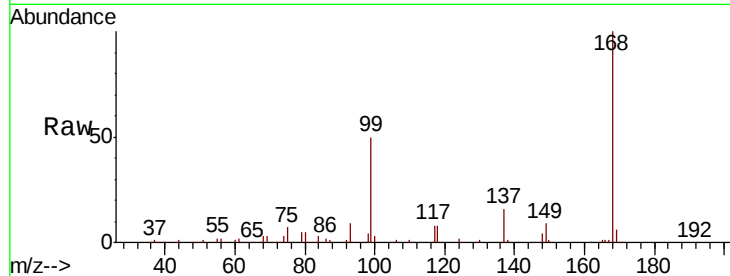
942-MW-03A(17)

Tot Ion:168 Resp: 675903

Ion Ratio Lower Upper

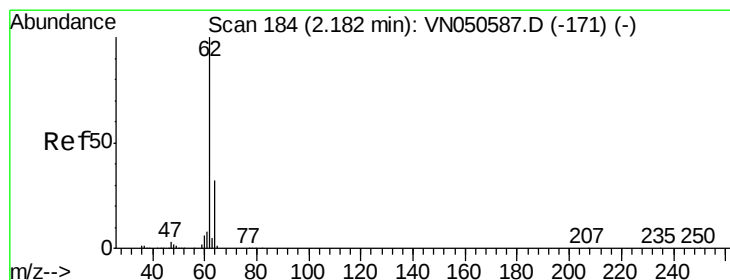
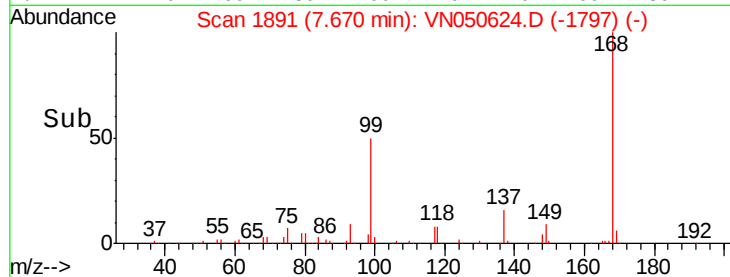
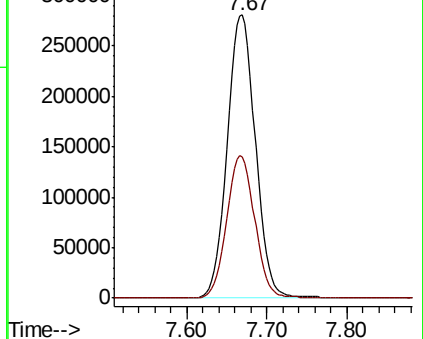
168 100

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): VN0



#4

Vinyl Chloride

Concen: 0.50 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN050624.D

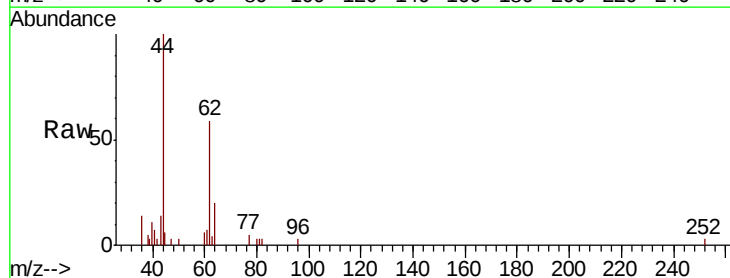
Acq: 15 Aug 2018 1:03

Tgt Ion: 62 Resp: 5085

Ion Ratio Lower Upper

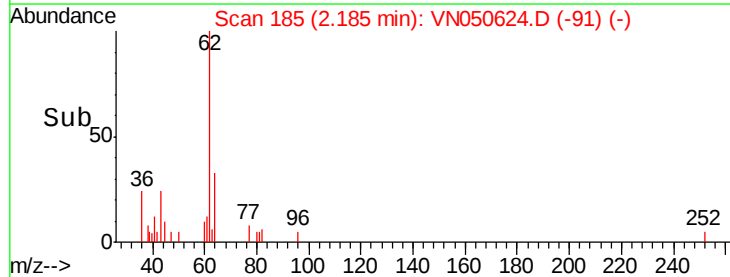
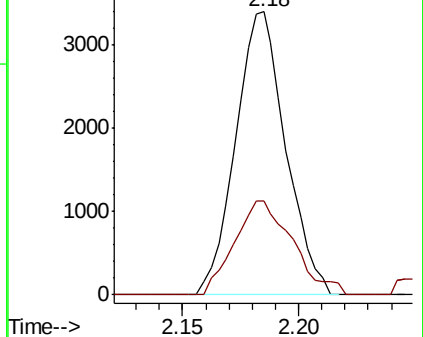
62 100

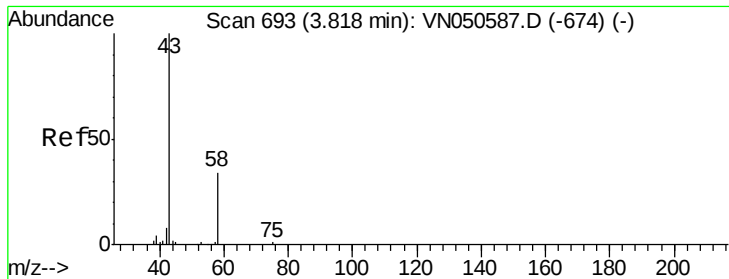
64 33.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#16

Acetone

Concen: 3.83 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050624.D

Acq: 15 Aug 2018 1:03

Instrument :

MSVOA_N

ClientSampleId :

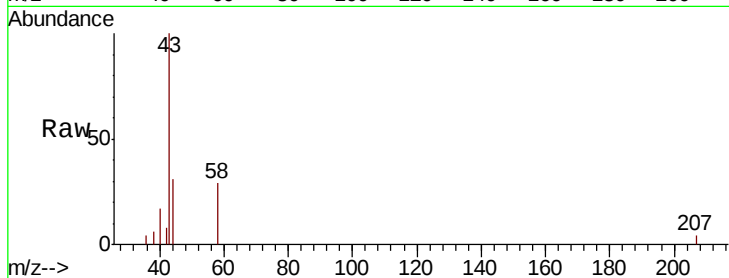
942-MW-03A(17)

Tot Ion: 43 Resp: 11193

Ion Ratio Lower Upper

43 100

58 28.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

4000

3000

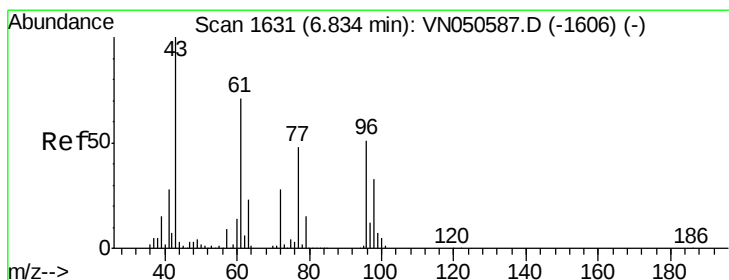
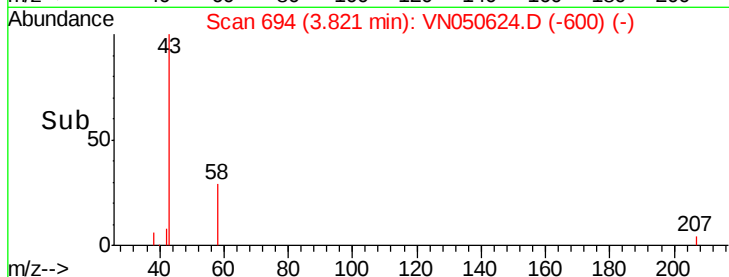
2000

1000

0

Time-->

3.75 3.80 3.85 3.90 3.95



#27

cis-1,2-Dichloroethene

Concen: 70.67 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VN050624.D

Acq: 15 Aug 2018 1:03

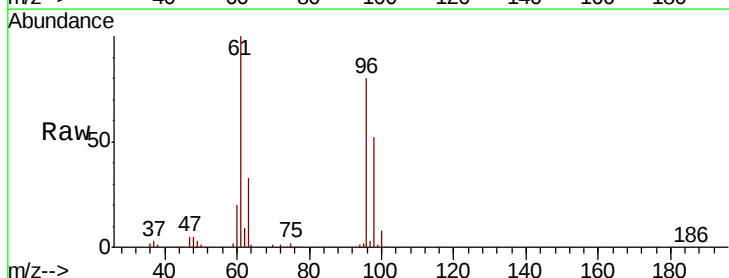
Tgt Ion: 96 Resp: 625651

Ion Ratio Lower Upper

96 100

61 124.7 0.0 278.2

98 64.5 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

6.83

300000

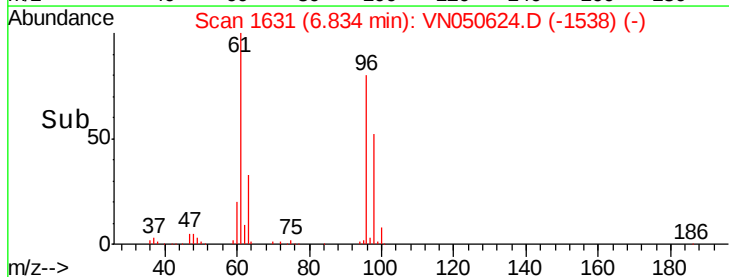
200000

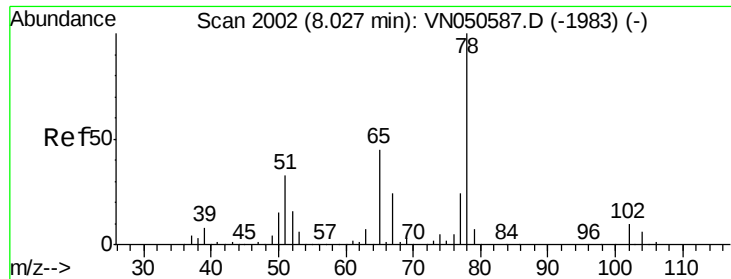
100000

0

Time-->

6.70 6.80 6.90 7.00

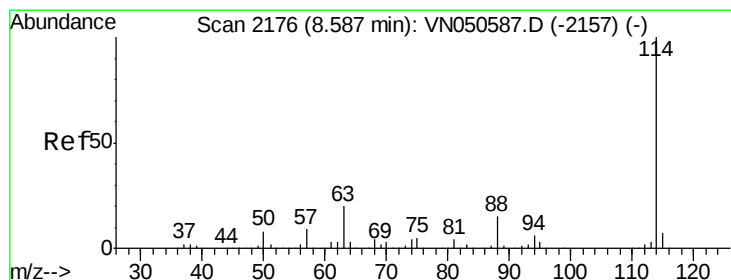
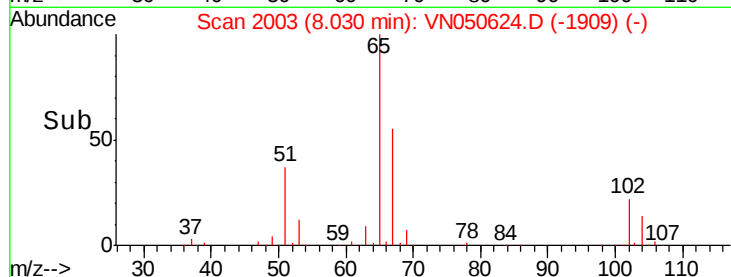
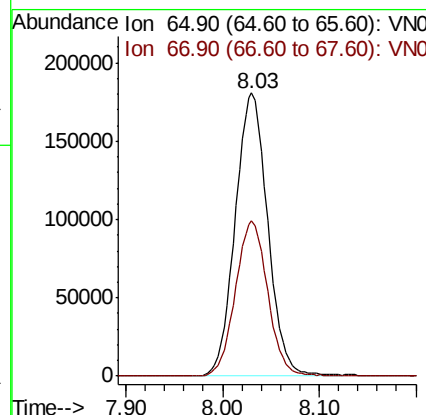
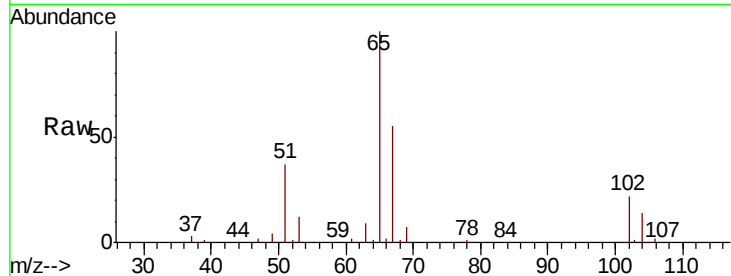




#33
 1,2-Dichloroethane-d4
 Concen: 49.52 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050624.D
 Acq: 15 Aug 2018 1:03

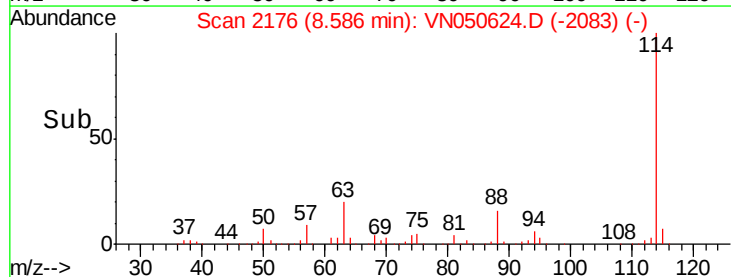
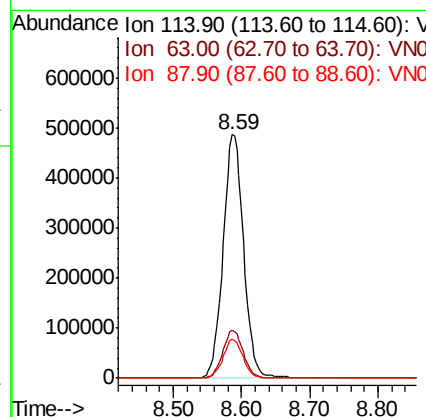
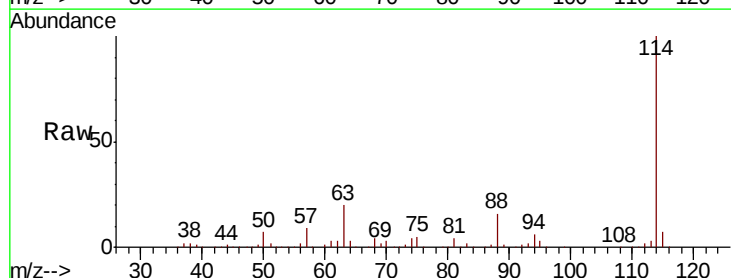
Instrument :
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 942-MW-03A(17)

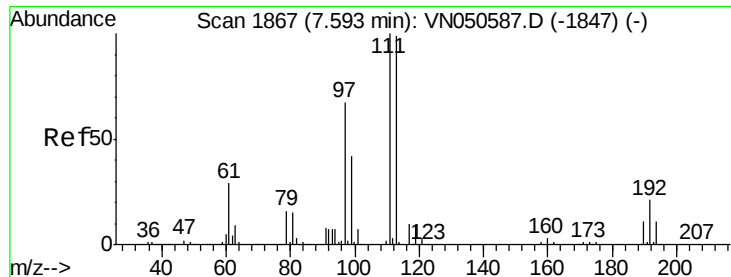
Tot Ion: 65 Resp: 421891
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050624.D
 Acq: 15 Aug 2018 1:03

Tgt Ion: 114 Resp: 1012810
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 16.0 0.0 30.8

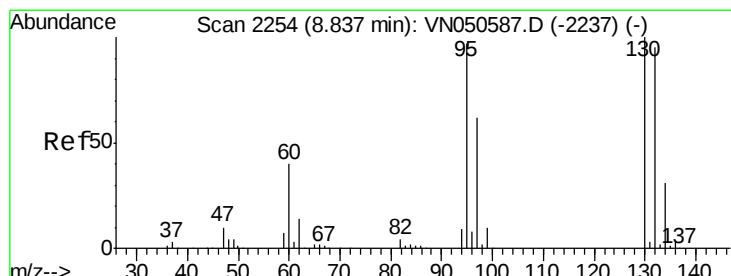
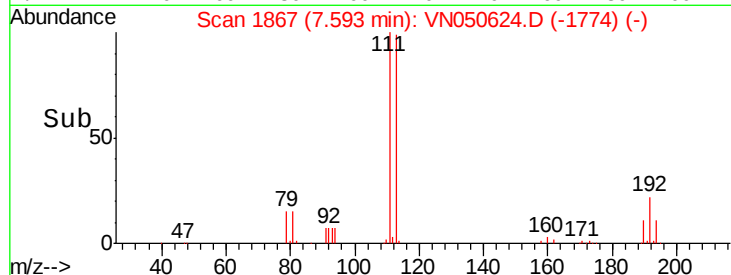
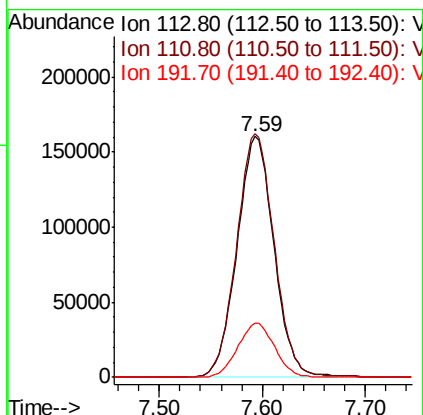
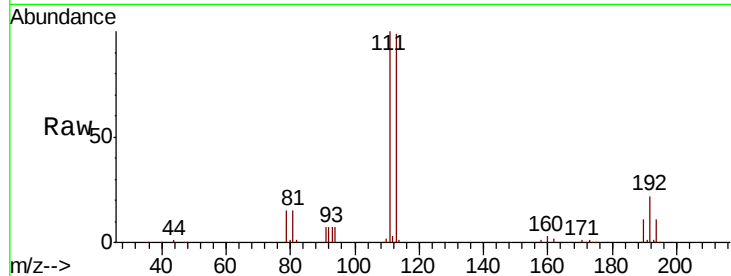




#35
 Dibromofluoromethane
 Concen: 49.37 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050624.D
 Acq: 15 Aug 2018 1:03

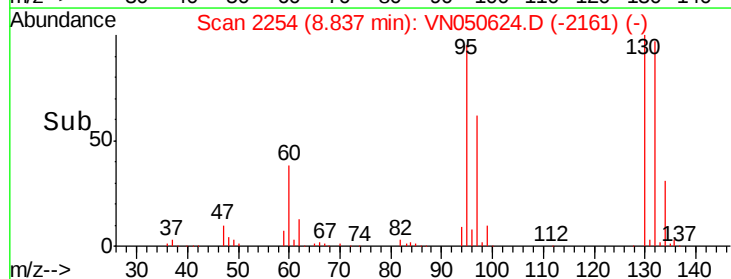
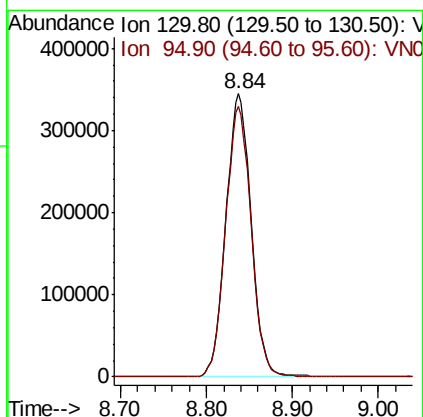
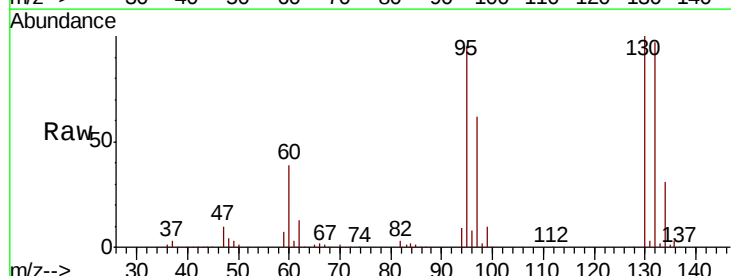
Instrument :
 MSVOA_N
 ClientSampleId :
 942-MW-03A(17)

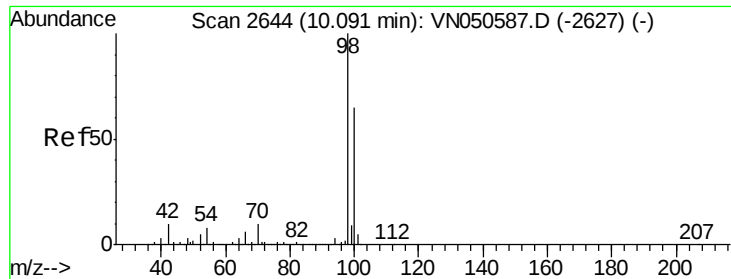
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.0	121.6
192	22.6	17.6	26.4



#44
 Trichloroethene
 Concen: 76.43 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VN050624.D
 Acq: 15 Aug 2018 1:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	193.8

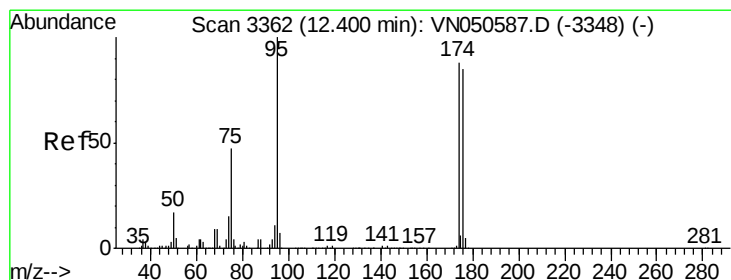
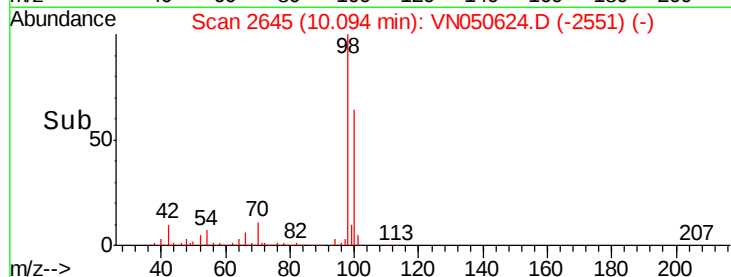
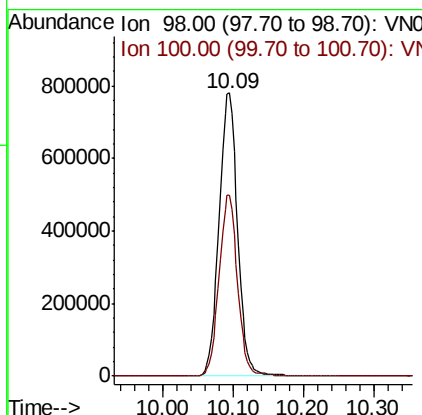
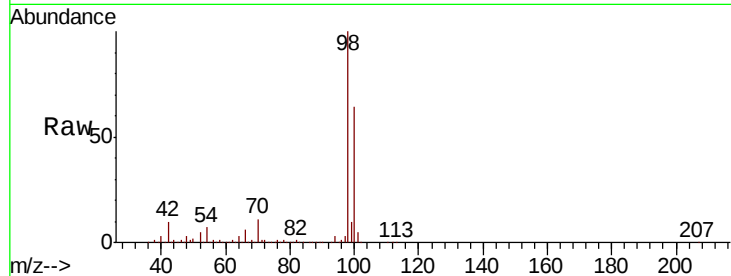




#50
Toluene-d8
Concen: 47.08 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050624.D
Acq: 15 Aug 2018 1:03

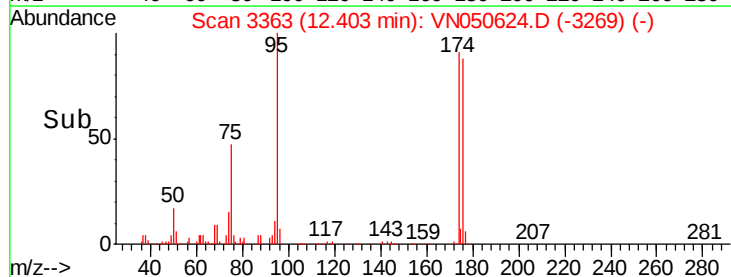
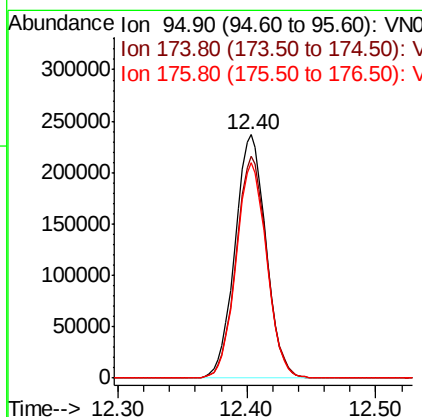
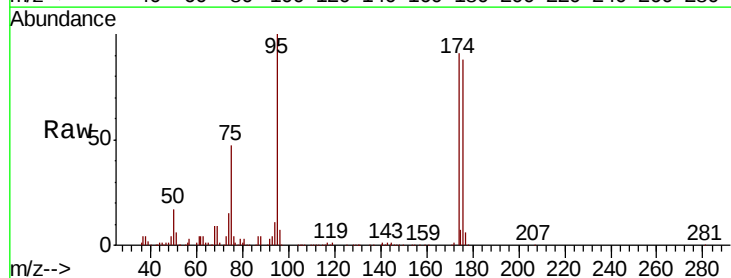
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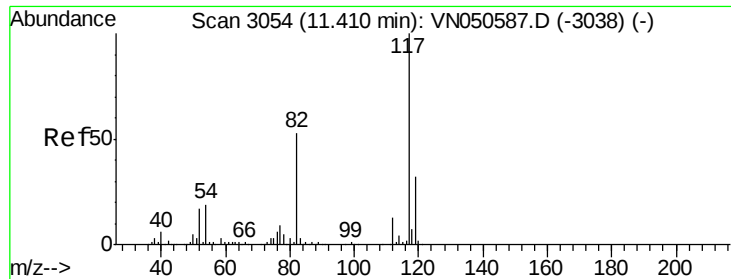
Tot Ion: 98 Resp: 1432729
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 39.28 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050624.D
Acq: 15 Aug 2018 1:03

Tgt Ion: 95 Resp: 394896
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.8
176 87.5 0.0 175.0

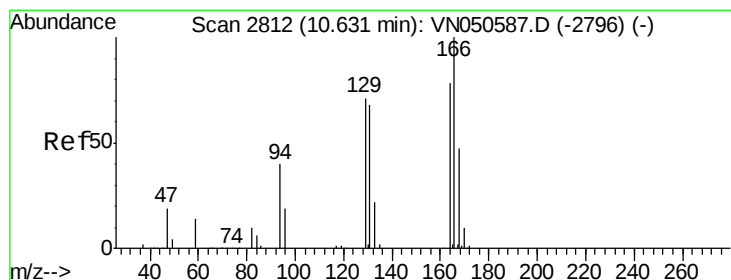
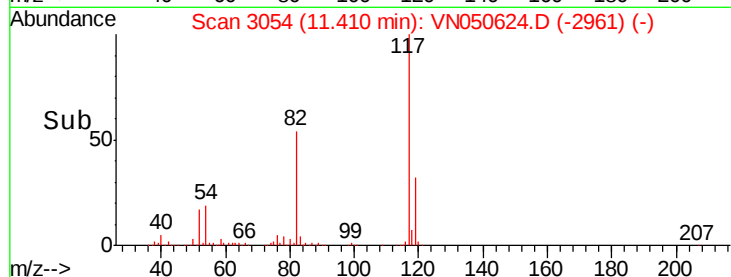
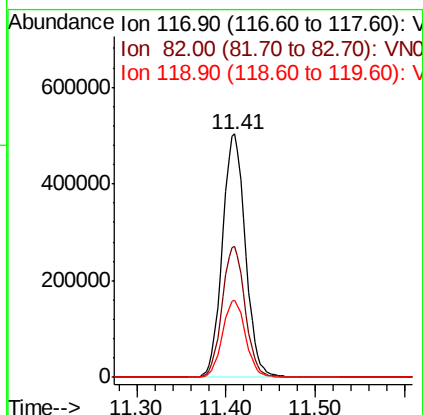
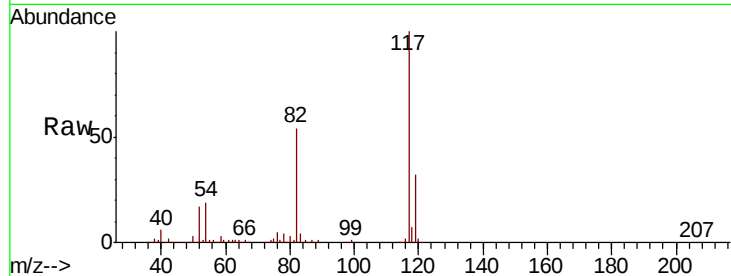




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050624.D
Acq: 15 Aug 2018 1:03

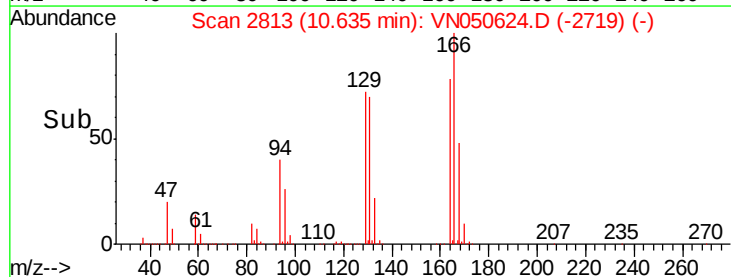
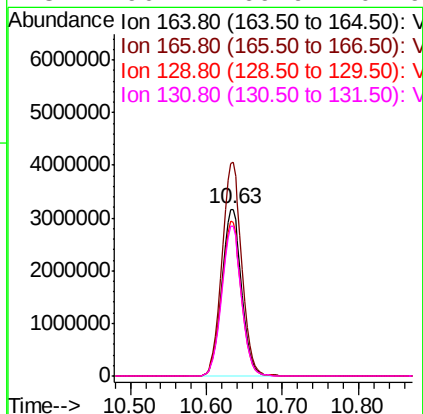
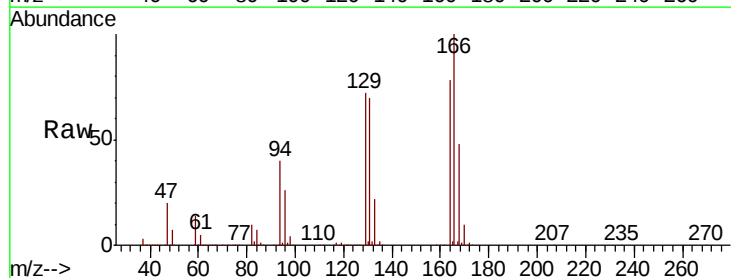
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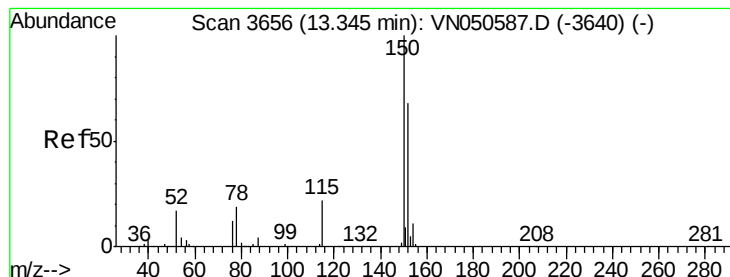
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.4	63.6
119	31.6	25.8	38.8



#64
Tetrachloroethene
Concen: 685.40 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050624.D
Acq: 15 Aug 2018 1:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	102.1	153.1
129	92.3	72.7	109.1
131	90.1	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: VN050624.D

Acq: 15 Aug 2018 1:03

Instrument :

MSVOA_N

ClientSampleId :

942-MW-03A(17)

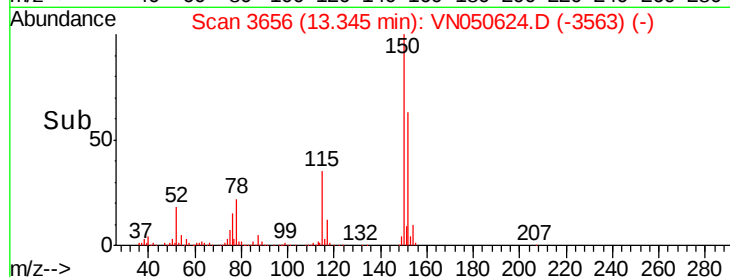
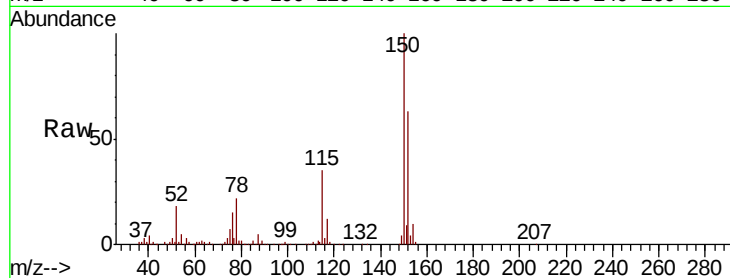
Tot Ion:152 Resp: 324654

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

150 156.7 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

