

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050712.D
 Acq On : 16 Aug 2018 19:39
 Operator : MD\SY
 Sample : J4500-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Aug 17 05:18:09 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	606309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1016647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	883783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	334068	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	428336	56.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.10%	
35) Dibromofluoromethane	7.60	113	397720	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	10.09	98	1407980	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
62) 4-Bromofluorobenzene	12.40	95	393947	39.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.08%	

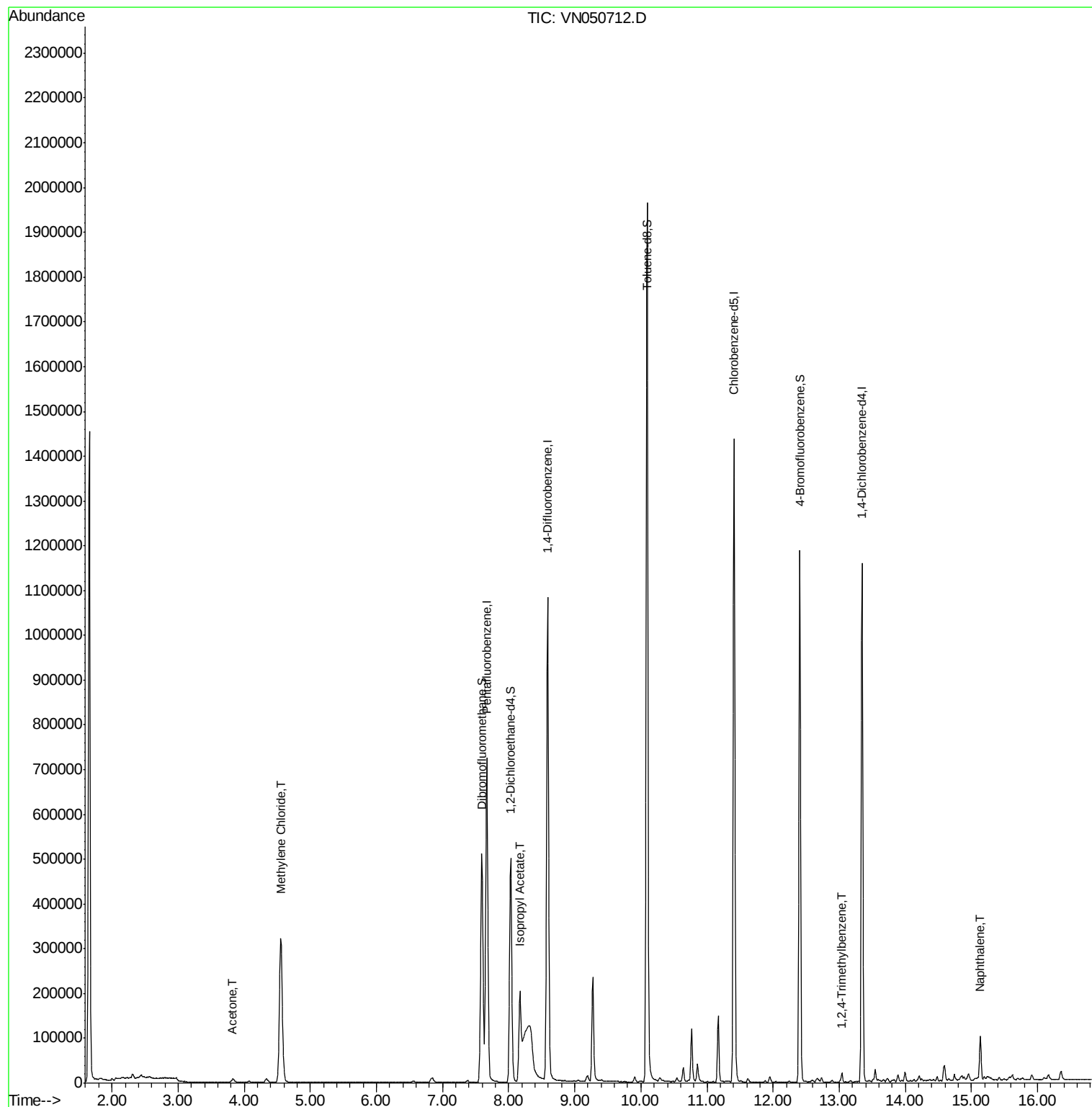
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	14177	6.01	ug/l	98
20) Methylene Chloride	4.55	84	256268	34.89	ug/l	98
43) Isopropyl Acetate	8.17	43	259108	22.23	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	10503	0.50	ug/l	99
95) Naphthalene	15.13	128	82055	9.75	ug/l	96

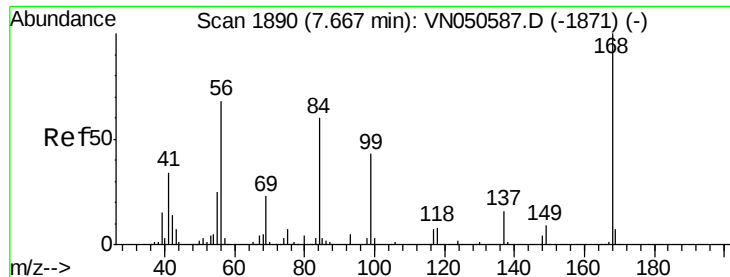
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050712.D

Acq: 16 Aug 2018 19:39

Instrument :

MSVOA_N

ClientSampleId :

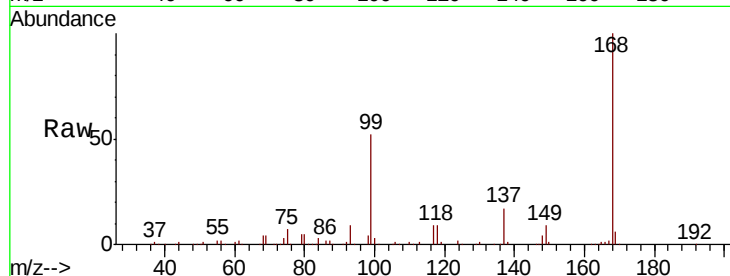
TP-1

Tot Ion:168 Resp: 606309

Ion Ratio Lower Upper

168 100

99 51.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050712.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050712.D (-1797) (-)

7.67

250000

200000

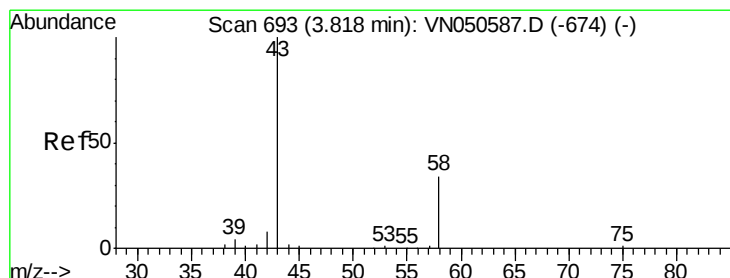
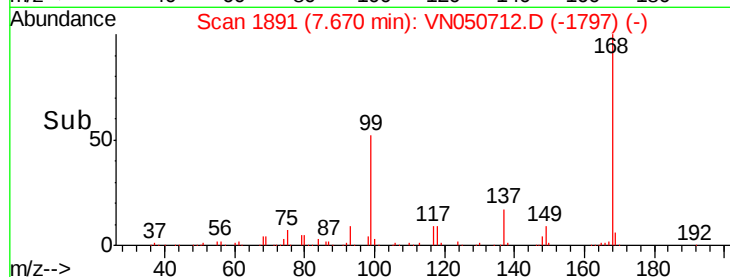
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.01 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050712.D

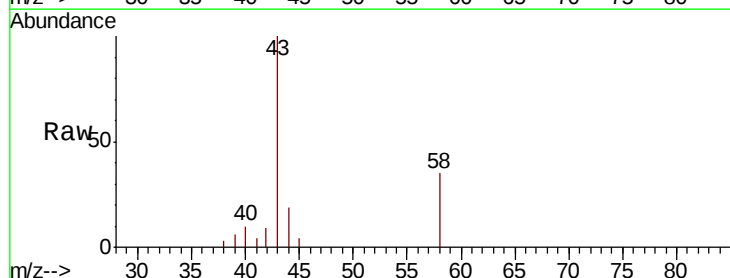
Acq: 16 Aug 2018 19:39

Tgt Ion: 43 Resp: 14177

Ion Ratio Lower Upper

43 100

58 34.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050712.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050712.D (-600) (-)

3.83

6000

5000

4000

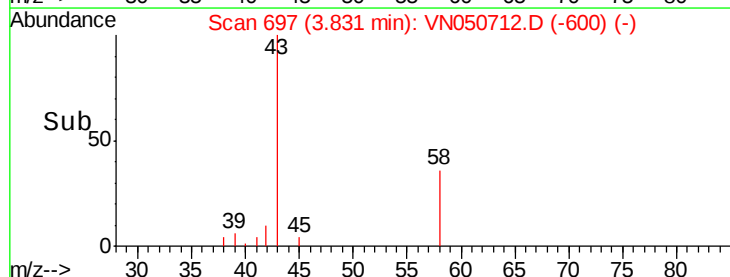
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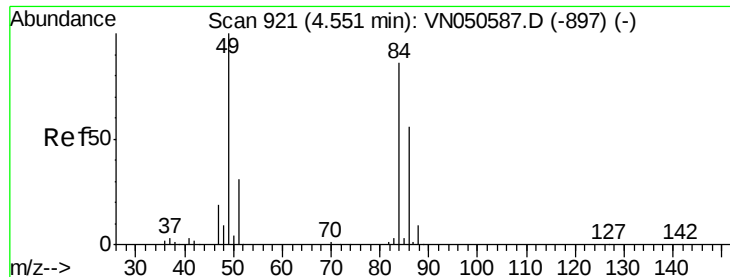
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1000

0

Time-->



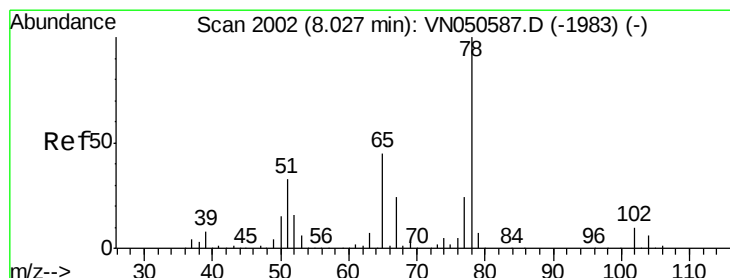
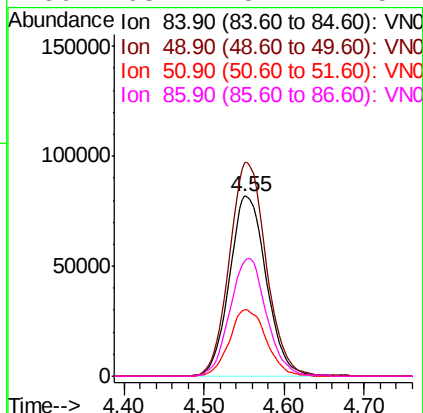
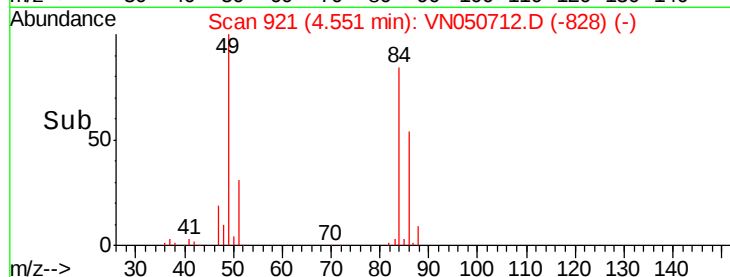
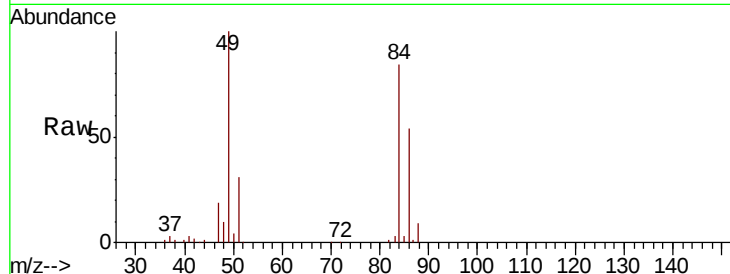


#20
Methylene Chloride
Concen: 34.89 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050712.D
Acq: 16 Aug 2018 19:39

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tot Ion: 84 Resp: 256268

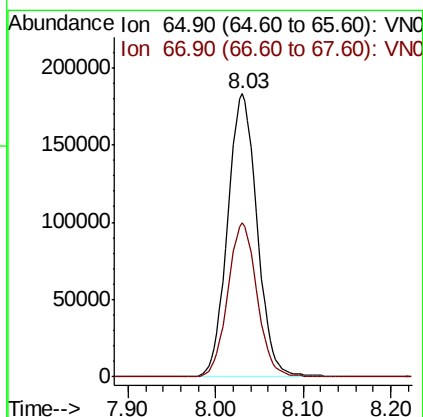
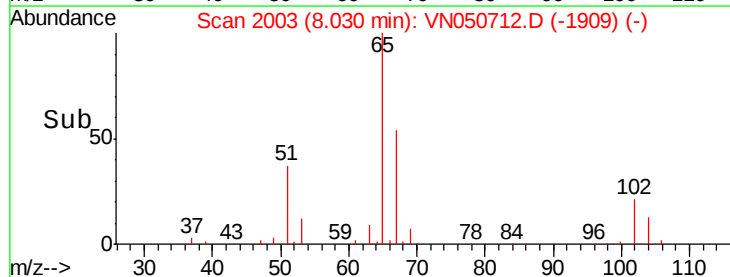
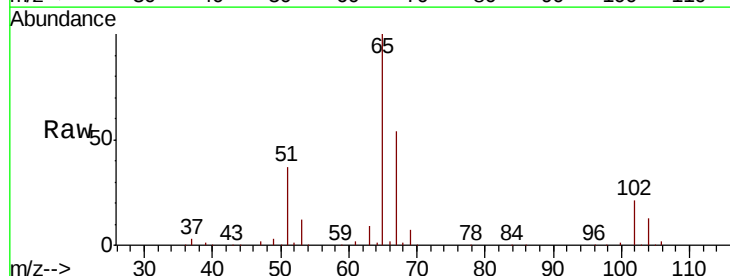
Ion	Ratio	Lower	Upper
84	100		
49	118.7	92.6	138.8
51	36.9	28.6	43.0
86	63.7	52.2	78.2

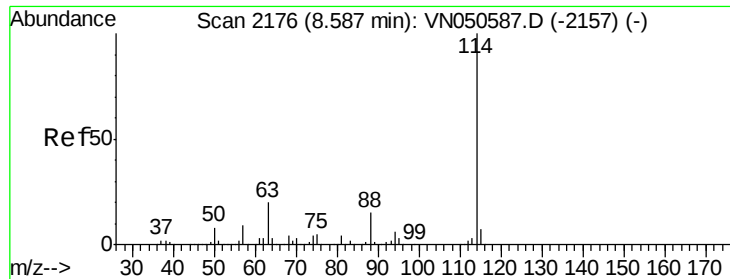


#33
1,2-Dichloroethane-d4
Concen: 56.05 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050712.D
Acq: 16 Aug 2018 19:39

Tgt Ion: 65 Resp: 428336

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	109.8



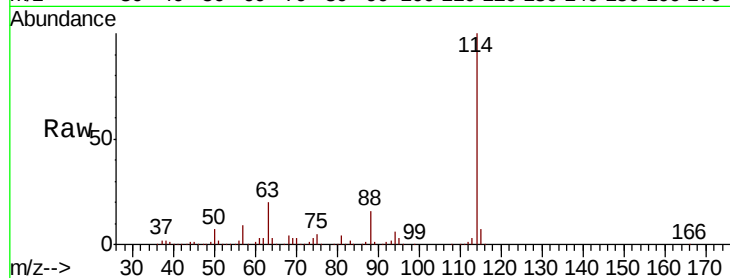


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050712.D
 Acq: 16 Aug 2018 19:39

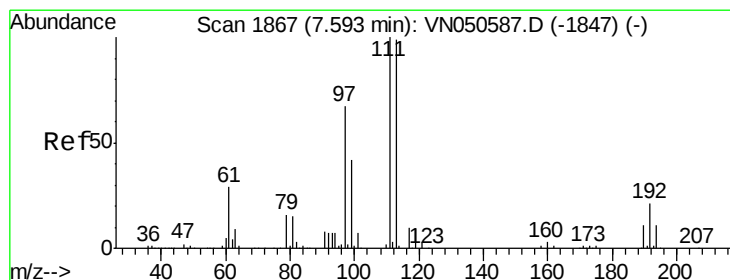
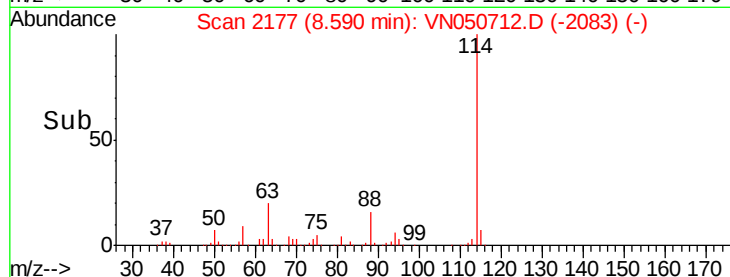
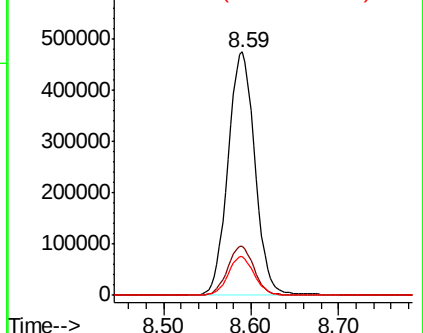
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Tot Ion:114 Resp: 1016647

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.0
88	15.8	0.0	30.8



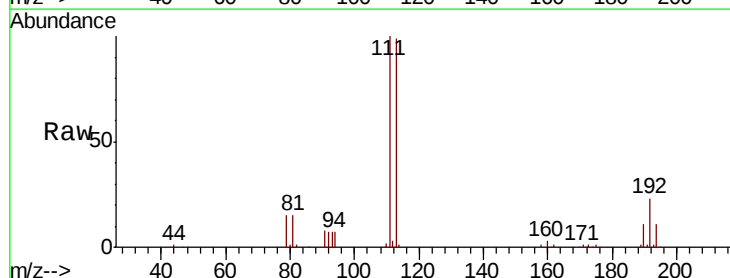
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



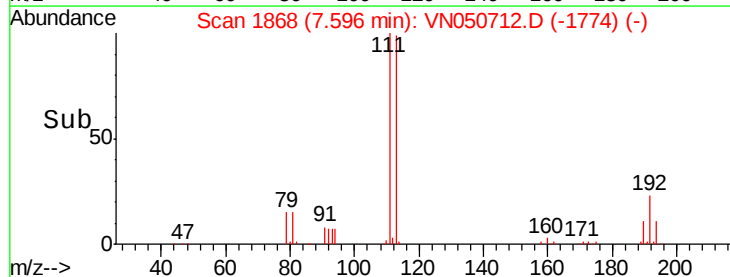
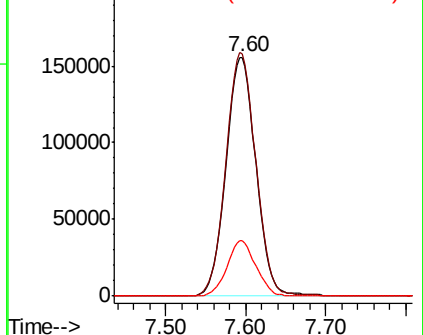
#35
 Dibromofluoromethane
 Concen: 49.00 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050712.D
 Acq: 16 Aug 2018 19:39

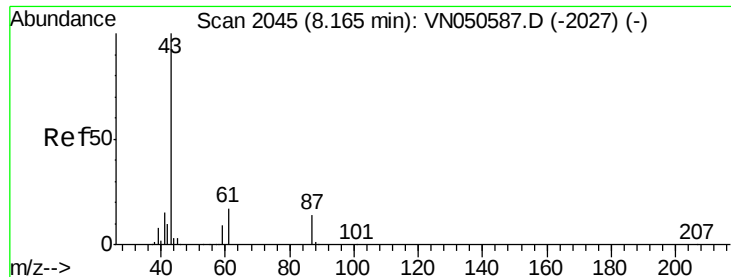
Tgt Ion:113 Resp: 397720

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.0	121.6
192	22.3	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



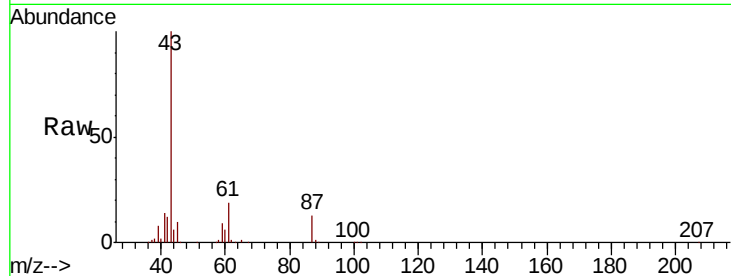


#43

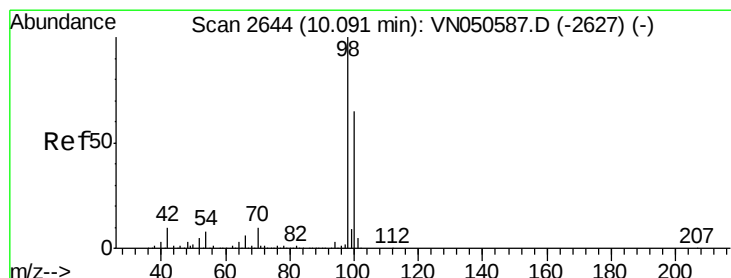
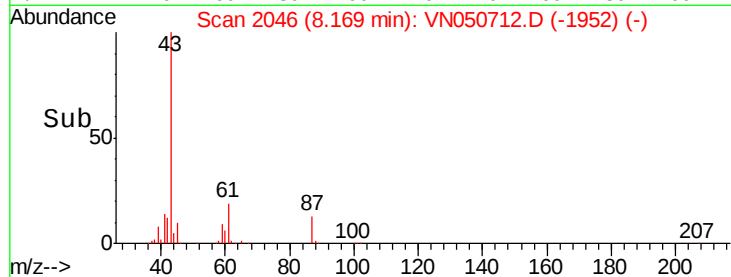
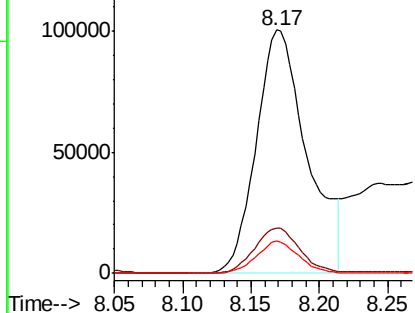
Isopropyl Acetate
 Concen: 22.23 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050712.D
 Acq: 16 Aug 2018 19:39

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.0	16.2	24.2
87	11.0	10.9	16.3



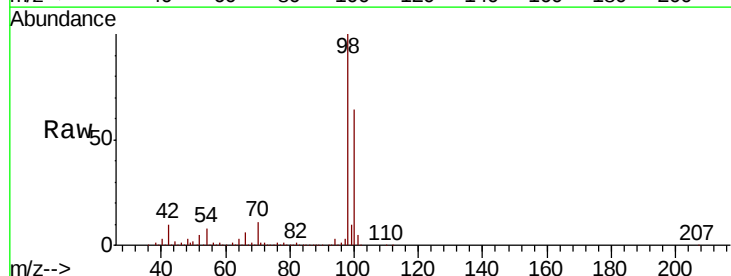
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



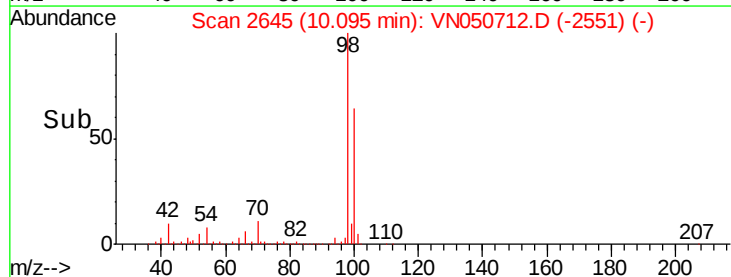
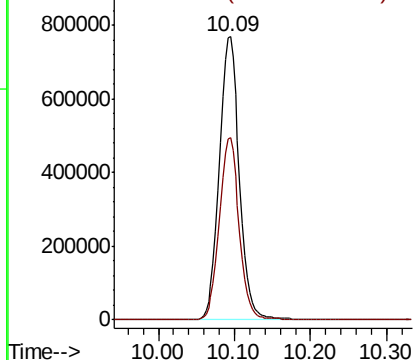
#50

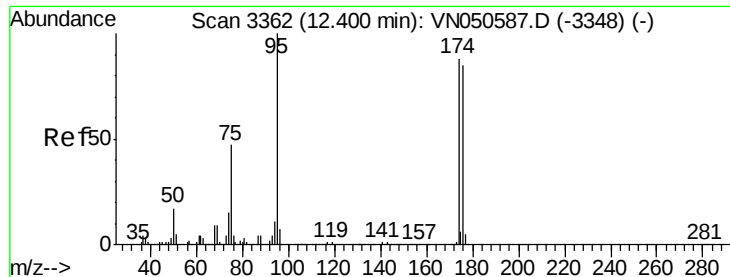
Toluene-d8
 Concen: 46.09 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050712.D
 Acq: 16 Aug 2018 19:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.8	77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

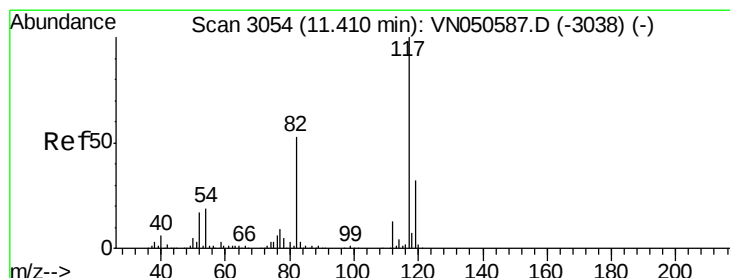
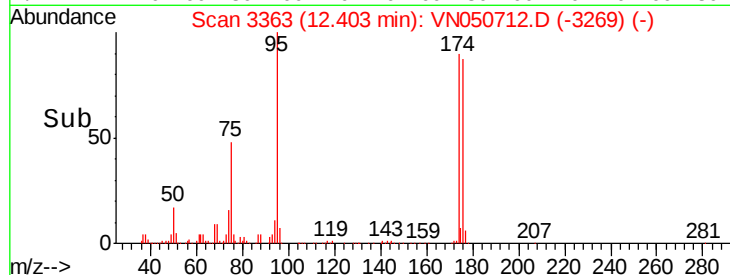
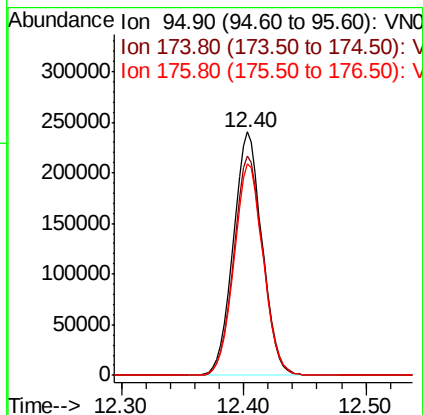
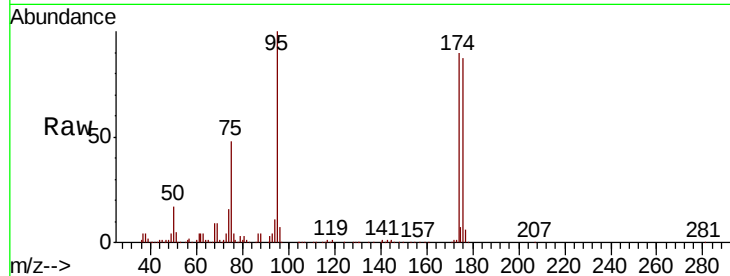




#62
4-Bromofluorobenzene
Concen: 39.04 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050712.D
Acq: 16 Aug 2018 19:39

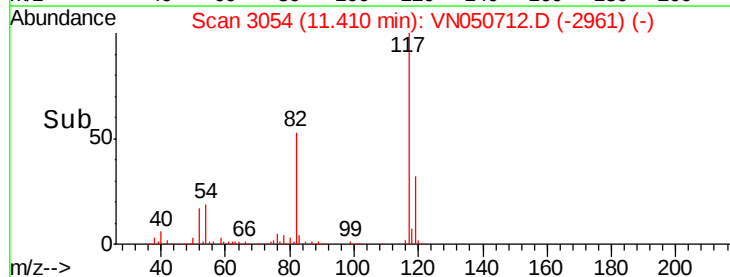
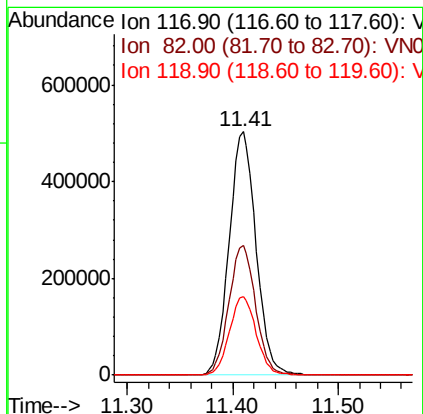
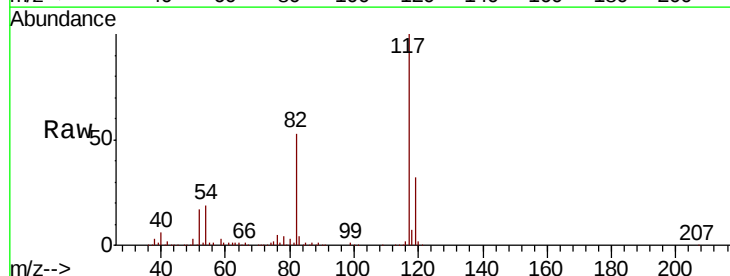
Instrument :
MSVOA_N
ClientSampleId :
TP-1

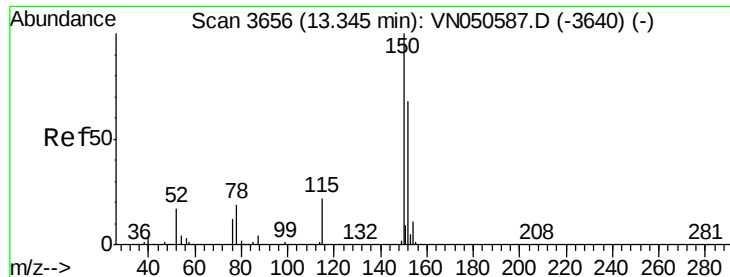
Tot Ion: 95 Resp: 393947
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.8
176 87.4 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050712.D
Acq: 16 Aug 2018 19:39

Tgt Ion: 117 Resp: 883783
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 32.4 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050712.D

Acq: 16 Aug 2018 19:39

Instrument :

MSVOA_N

ClientSampled :

TP-1

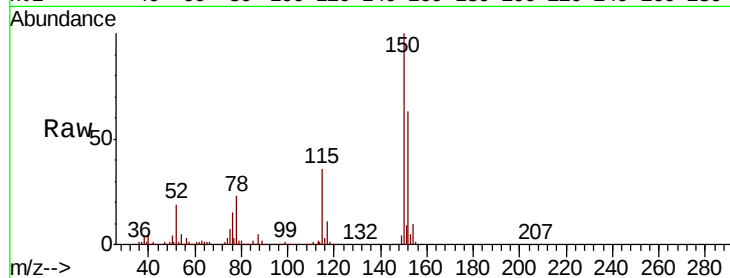
Tot Ion:152 Resp: 334068

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

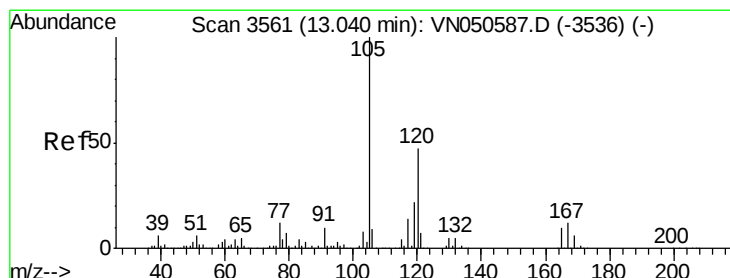
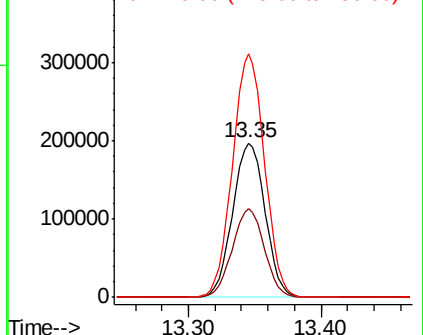
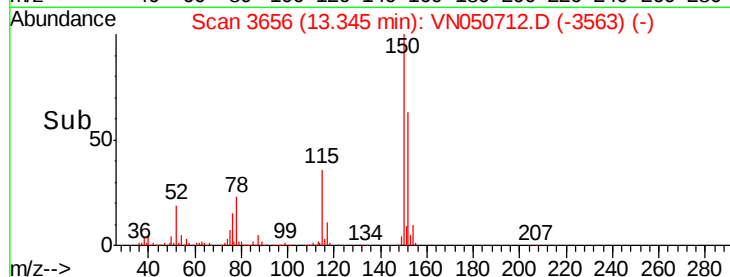
150 155.6 0.0 347.8



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



#84

1,2,4-Trimethylbenzene

Concen: 0.50 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050712.D

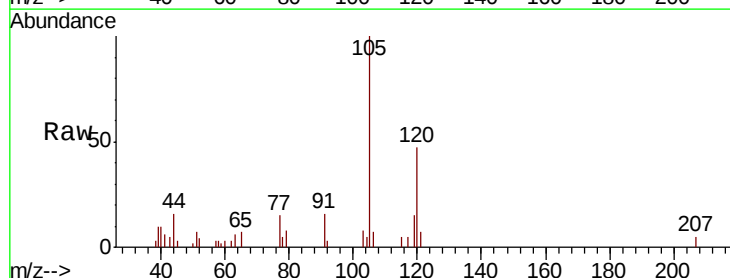
Acq: 16 Aug 2018 19:39

Tgt Ion:105 Resp: 10503

Ion Ratio Lower Upper

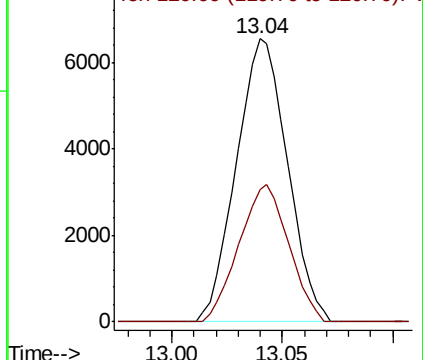
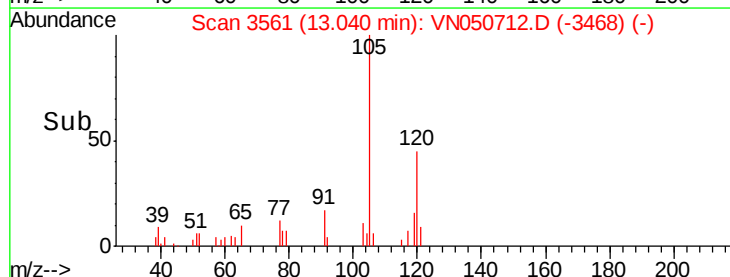
105 100

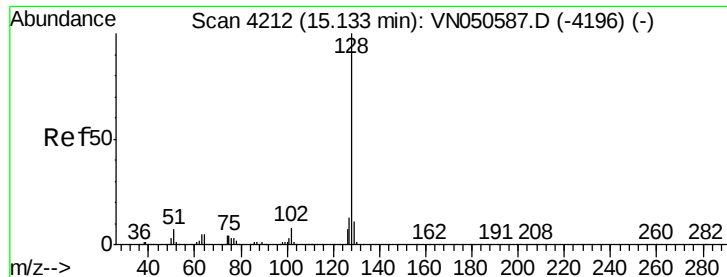
120 47.1 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

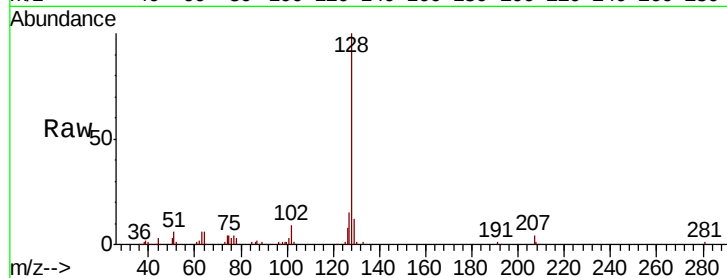




#95
 Naphthalene
 Concen: 9.75 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN050712.D
 Acq: 16 Aug 2018 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.3	15.5
129	11.9	8.5	12.7



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

