

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050756.D
 Acq On : 18 Aug 2018 7:02
 Operator : MD\SY
 Sample : J4521-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11990

Quant Time: Aug 20 01:03:16 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	620464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1012162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	894334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	313052	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	420466	53.76	ug/l	0.00
Spiked Amount						
			Recovery	=	107.52%	
35) Dibromofluoromethane	7.59	113	389307	48.18	ug/l	0.00
Spiked Amount						
			Recovery	=	96.36%	
50) Toluene-d8	10.09	98	1413671	46.48	ug/l	0.00
Spiked Amount						
			Recovery	=	92.96%	
62) 4-Bromofluorobenzene	12.40	95	386908	38.51	ug/l	0.00
Spiked Amount						
			Recovery	=	77.02%	

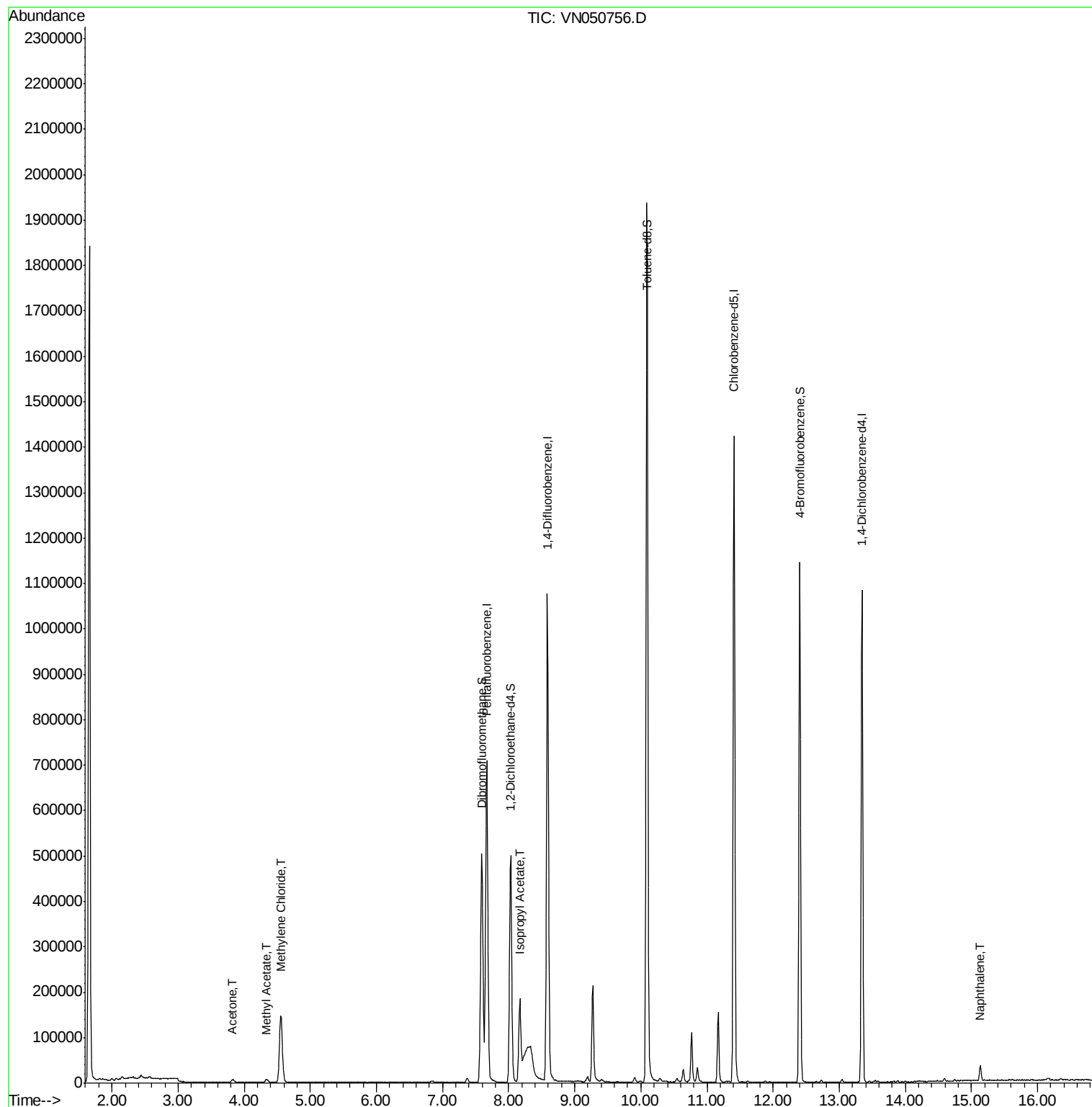
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	13152	5.32	ug/l	96
18) Methyl Acetate	4.34	43	14431	1.67	ug/l	95
20) Methylene Chloride	4.56	84	118045	14.99	ug/l	98
43) Isopropyl Acetate	8.17	43	226647	19.53	ug/l	98
95) Naphthalene	15.14	128	30517	6.20	ug/l	99

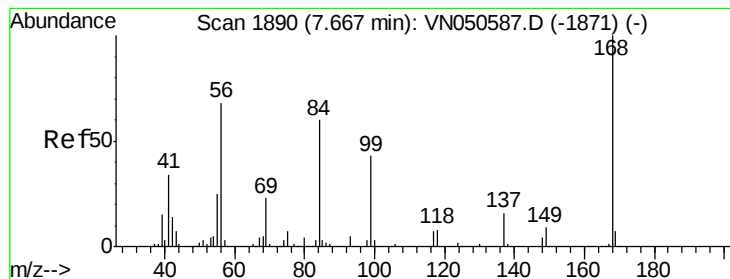
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050756.D

Acq: 18 Aug 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

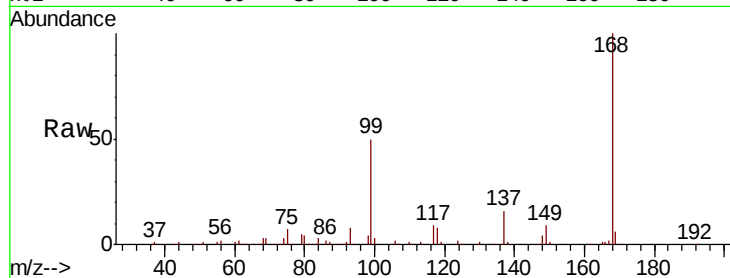
72-11990

Tot Ion:168 Resp: 620464

Ion Ratio Lower Upper

168 100

99 49.6 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

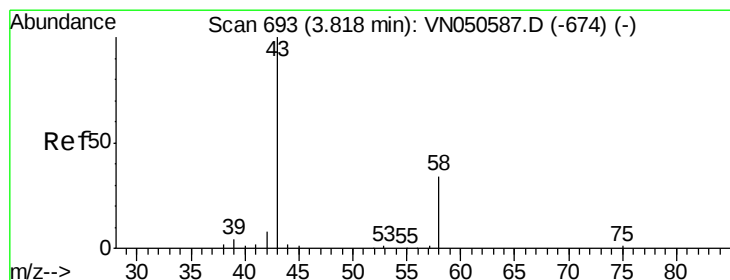
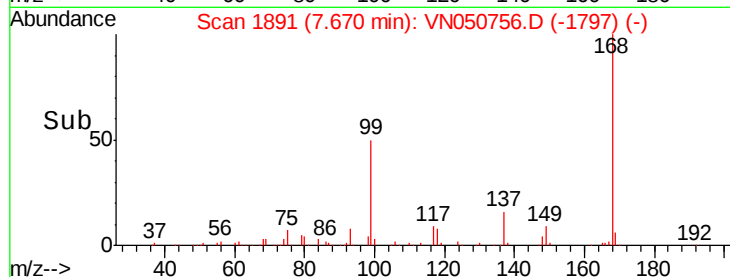
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.32 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050756.D

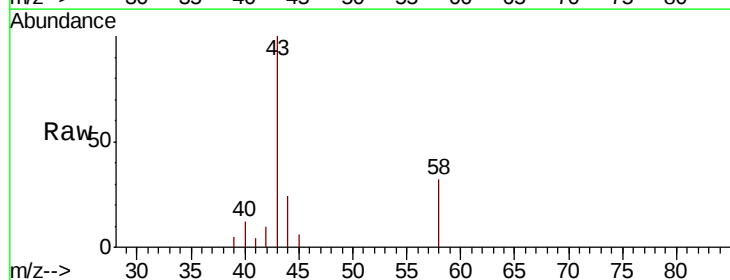
Acq: 18 Aug 2018 7:02

Tgt Ion: 43 Resp: 13152

Ion Ratio Lower Upper

43 100

58 31.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

5000

4000

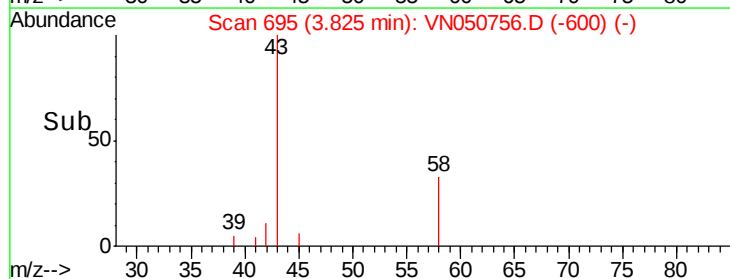
3000

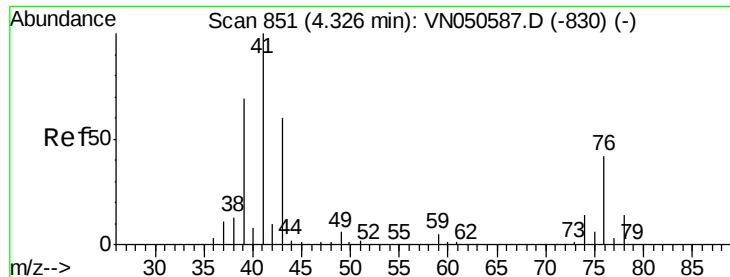
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1000

0

Time-->

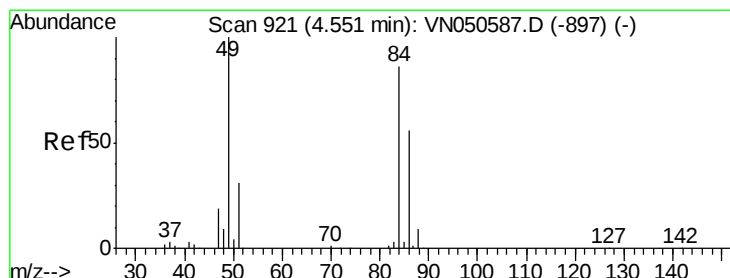
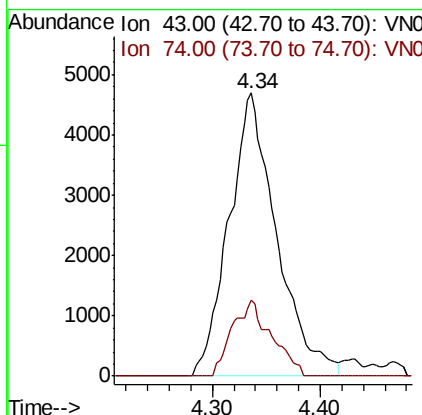
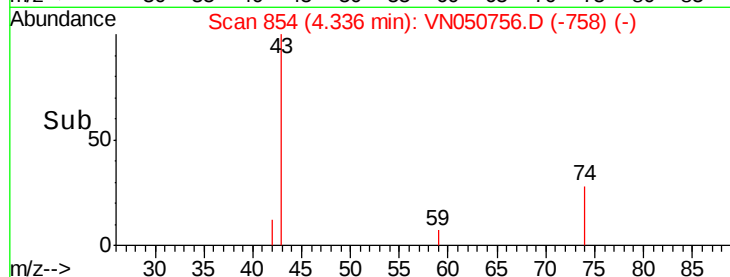
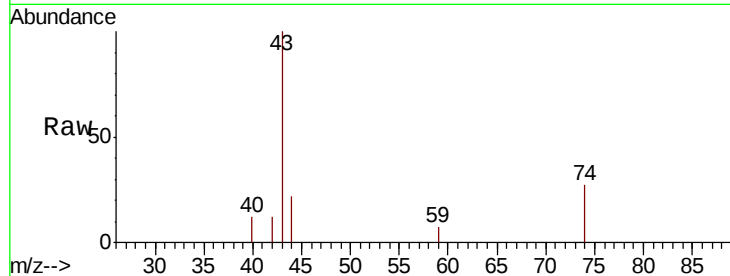




#18
Methyl Acetate
Concen: 1.67 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050756.D
Acq: 18 Aug 2018 7:02

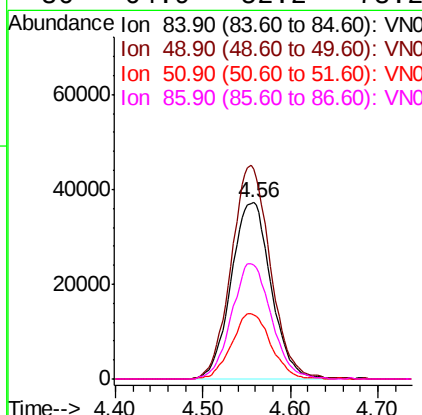
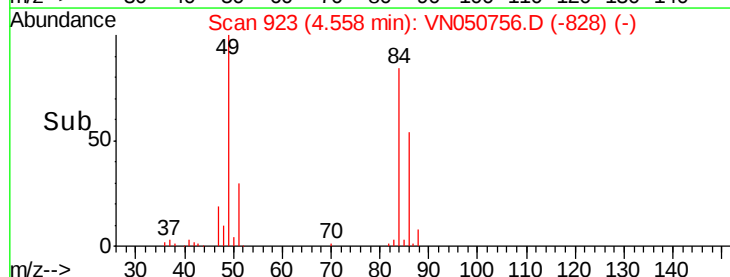
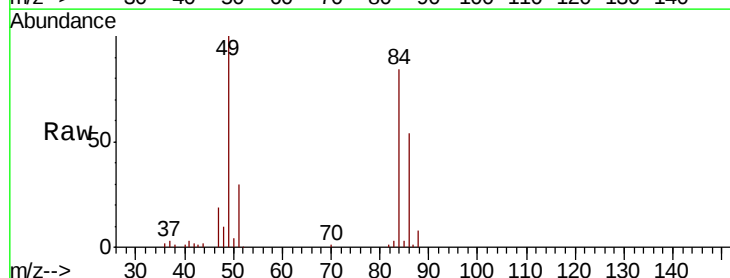
Instrument :
MSVOA_N
ClientSampled :
72-11990

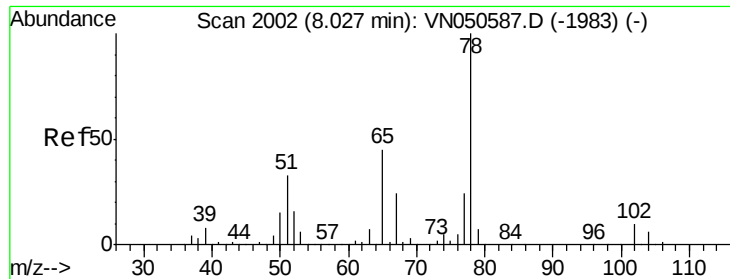
Tot Ion: 43 Resp: 14431
Ion Ratio Lower Upper
43 100
74 21.9 19.7 29.5



#20
Methylene Chloride
Concen: 14.99 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050756.D
Acq: 18 Aug 2018 7:02

Tgt Ion: 84 Resp: 118045
Ion Ratio Lower Upper
84 100
49 119.3 92.6 138.8
51 36.3 28.6 43.0
86 64.9 52.2 78.2

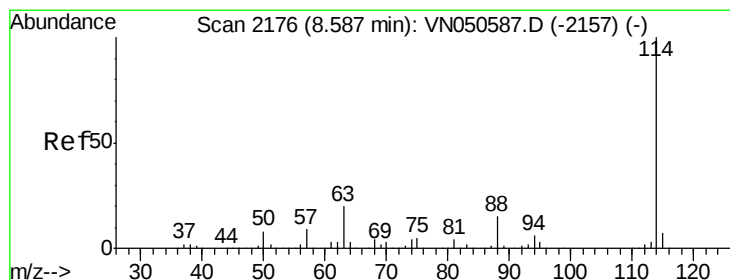
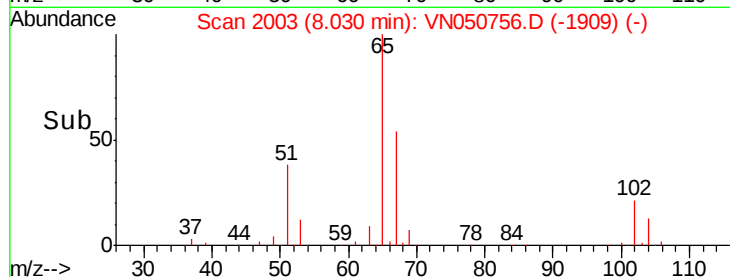
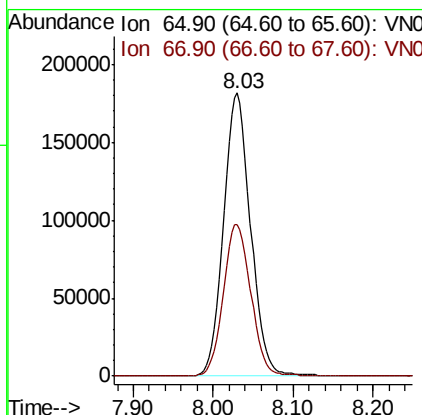
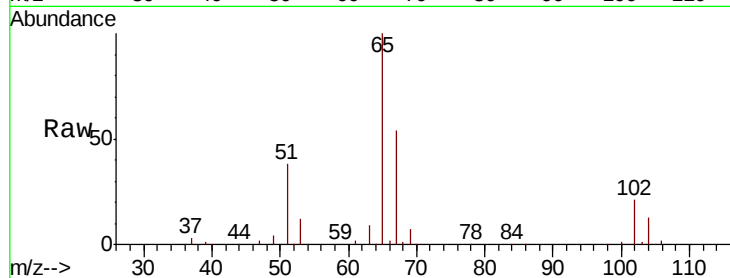




#33
 1,2-Dichloroethane-d4
 Concen: 53.76 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050756.D
 Acq: 18 Aug 2018 7:02

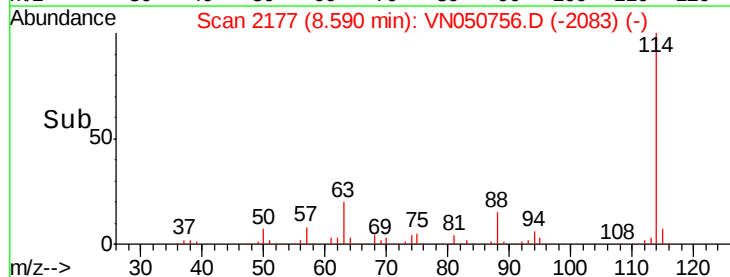
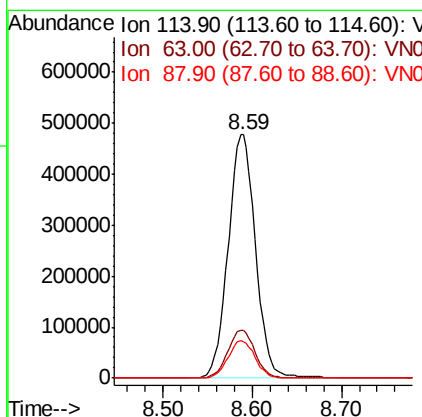
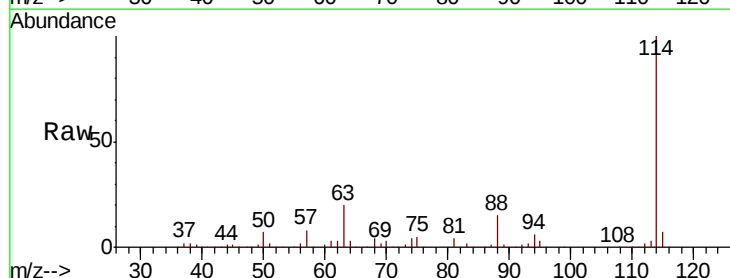
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11990

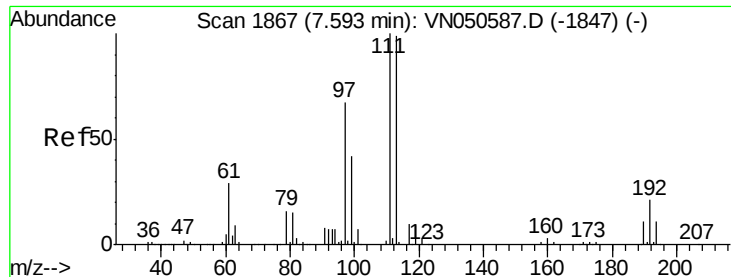
Tot Ion: 65 Resp: 420466
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050756.D
 Acq: 18 Aug 2018 7:02

Tgt Ion: 114 Resp: 1012162
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.1 0.0 30.8

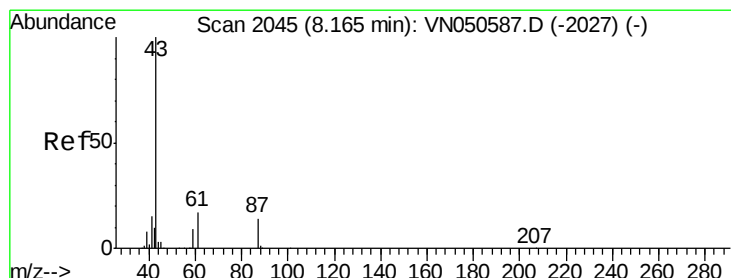
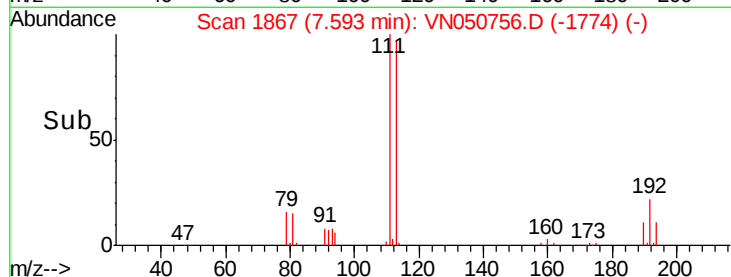
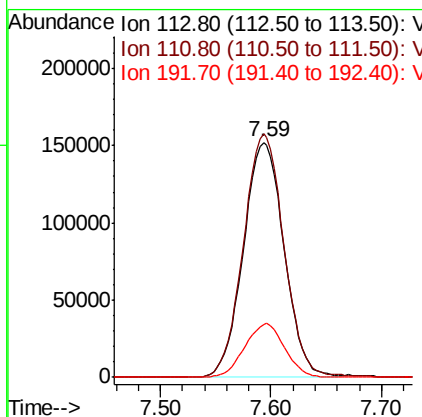
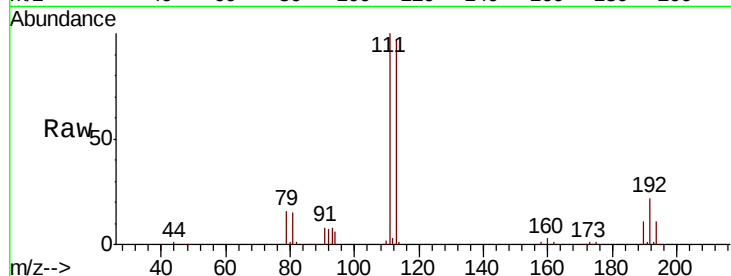




#35
 Dibromofluoromethane
 Concen: 48.18 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050756.D
 Acq: 18 Aug 2018 7:02

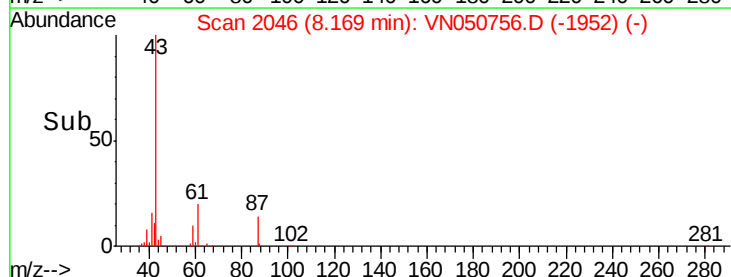
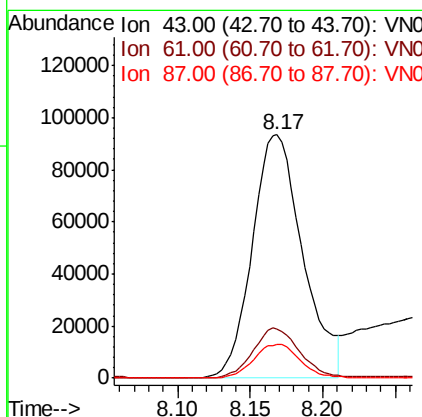
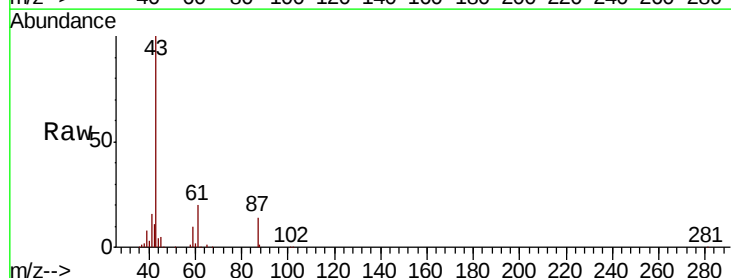
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11990

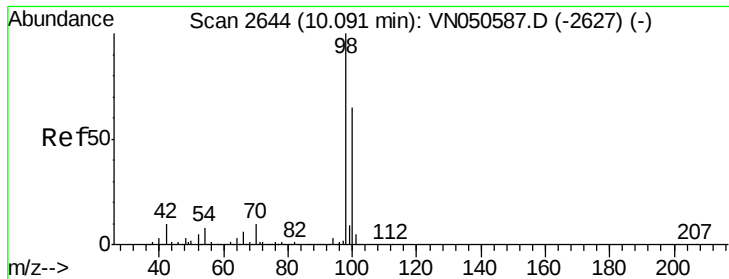
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.0	121.6
192	22.5	17.6	26.4



#43
 Isopropyl Acetate
 Concen: 19.53 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050756.D
 Acq: 18 Aug 2018 7:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	16.2	24.2
87	12.8	10.9	16.3





#50

Toluene-d8

Concen: 46.48 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050756.D

Acq: 18 Aug 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

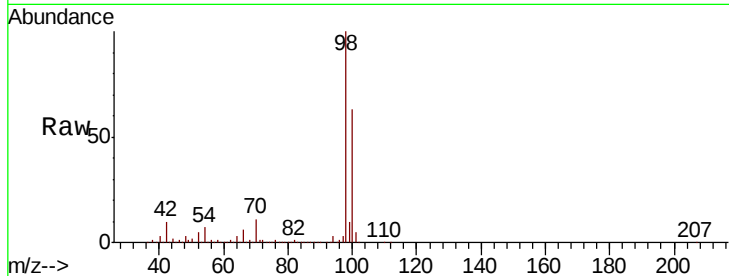
72-11990

Tot Ion: 98 Resp: 1413671

Ion Ratio Lower Upper

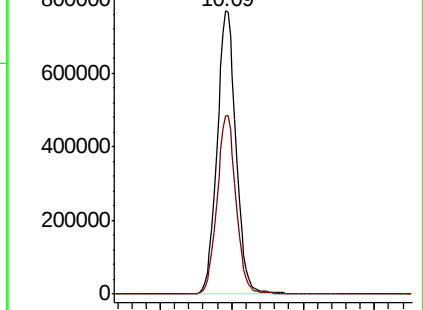
98 100

100 63.3 51.8 77.8

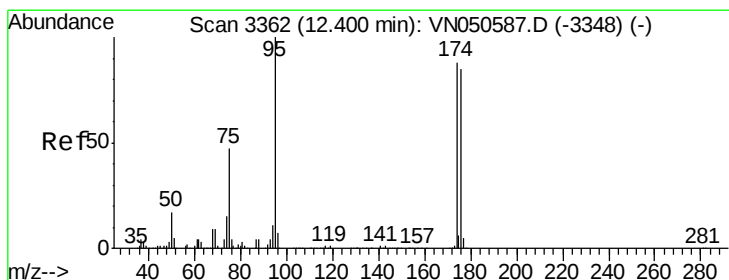
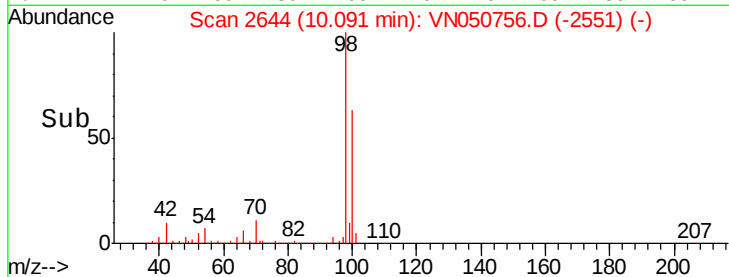


Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 38.51 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050756.D

Acq: 18 Aug 2018 7:02

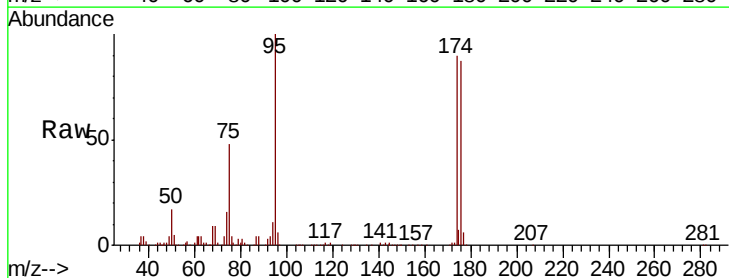
Tgt Ion: 95 Resp: 386908

Ion Ratio Lower Upper

95 100

174 91.2 0.0 177.8

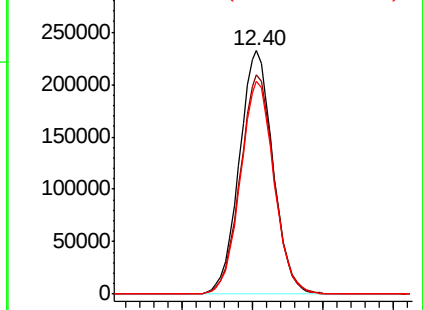
176 87.7 0.0 175.0



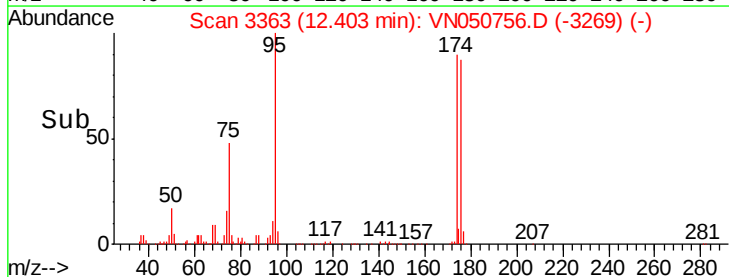
Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

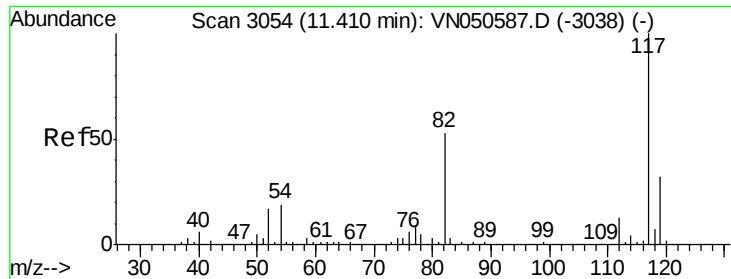
Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)



Time-->

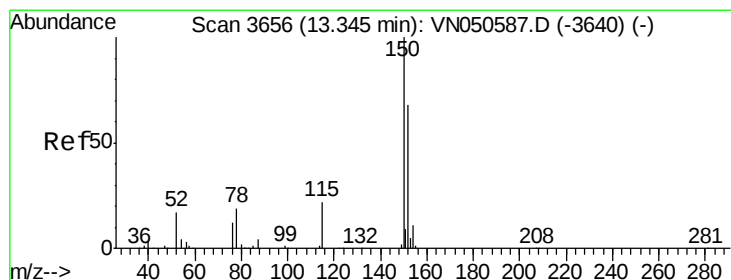
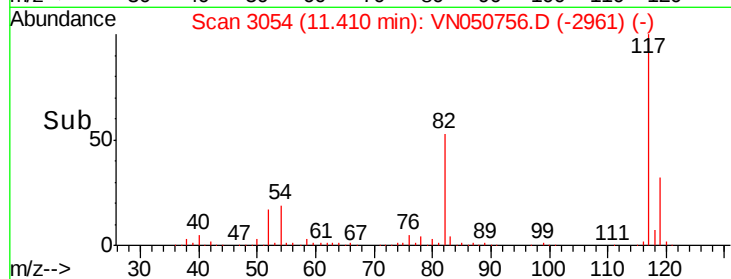
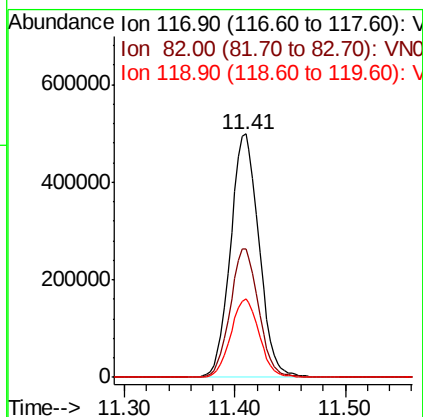
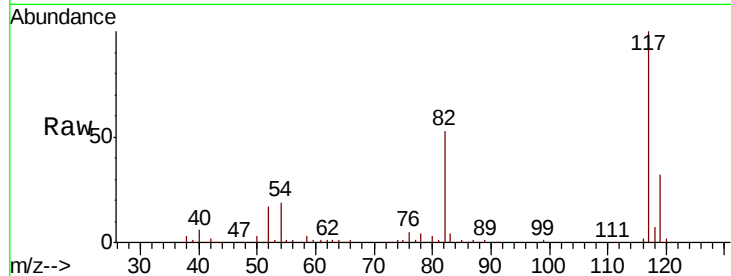




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050756.D
Acq: 18 Aug 2018 7:02

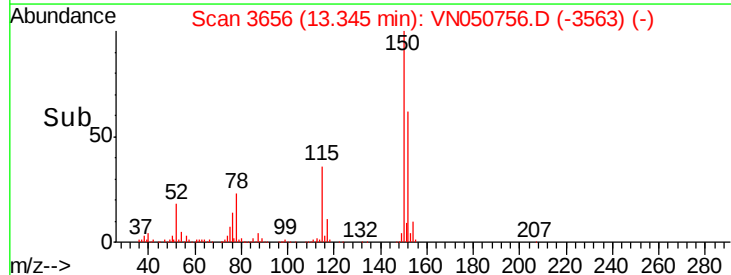
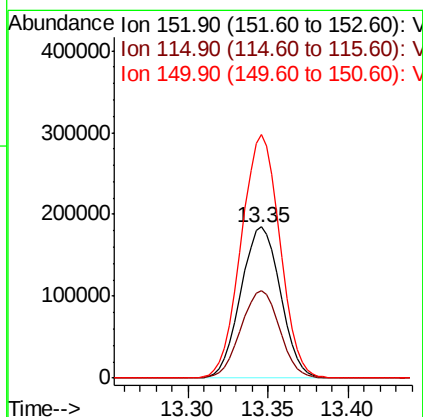
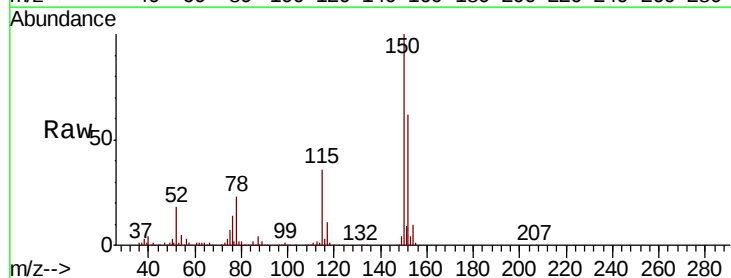
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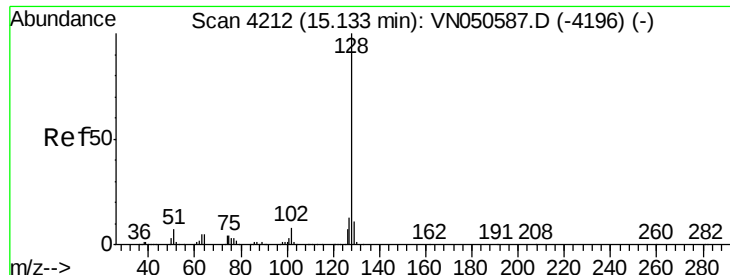
Tot Ion:117 Resp: 894334
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050756.D
Acq: 18 Aug 2018 7:02

Tgt Ion:152 Resp: 313052
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.2
150 157.8 0.0 347.8





#95

Naphthalene

Concen: 6.20 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050756.D

Acq: 18 Aug 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

72-11990

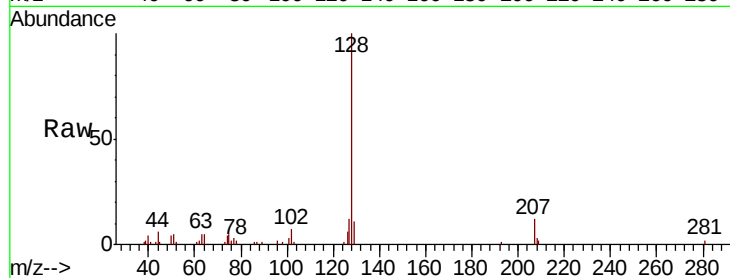
Tot Ion:128 Resp: 30517

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.2 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

