

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
 Data File : VN050843.D
 Acq On : 23 Aug 2018 11:04
 Operator : MD\SY
 Sample : J4609-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2749

Quant Time: Aug 24 11:55:45 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	720359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1027364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	865542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300519	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	415108	47.87	ug/l	0.00
Spiked Amount						
			Recovery	=	95.74%	
35) Dibromofluoromethane	7.59	113	404413	49.48	ug/l	0.00
Spiked Amount						
			Recovery	=	98.96%	
50) Toluene-d8	10.09	98	1417577	46.39	ug/l	0.00
Spiked Amount						
			Recovery	=	92.78%	
62) 4-Bromofluorobenzene	12.40	95	398435	39.24	ug/l	0.00
Spiked Amount						
			Recovery	=	78.48%	

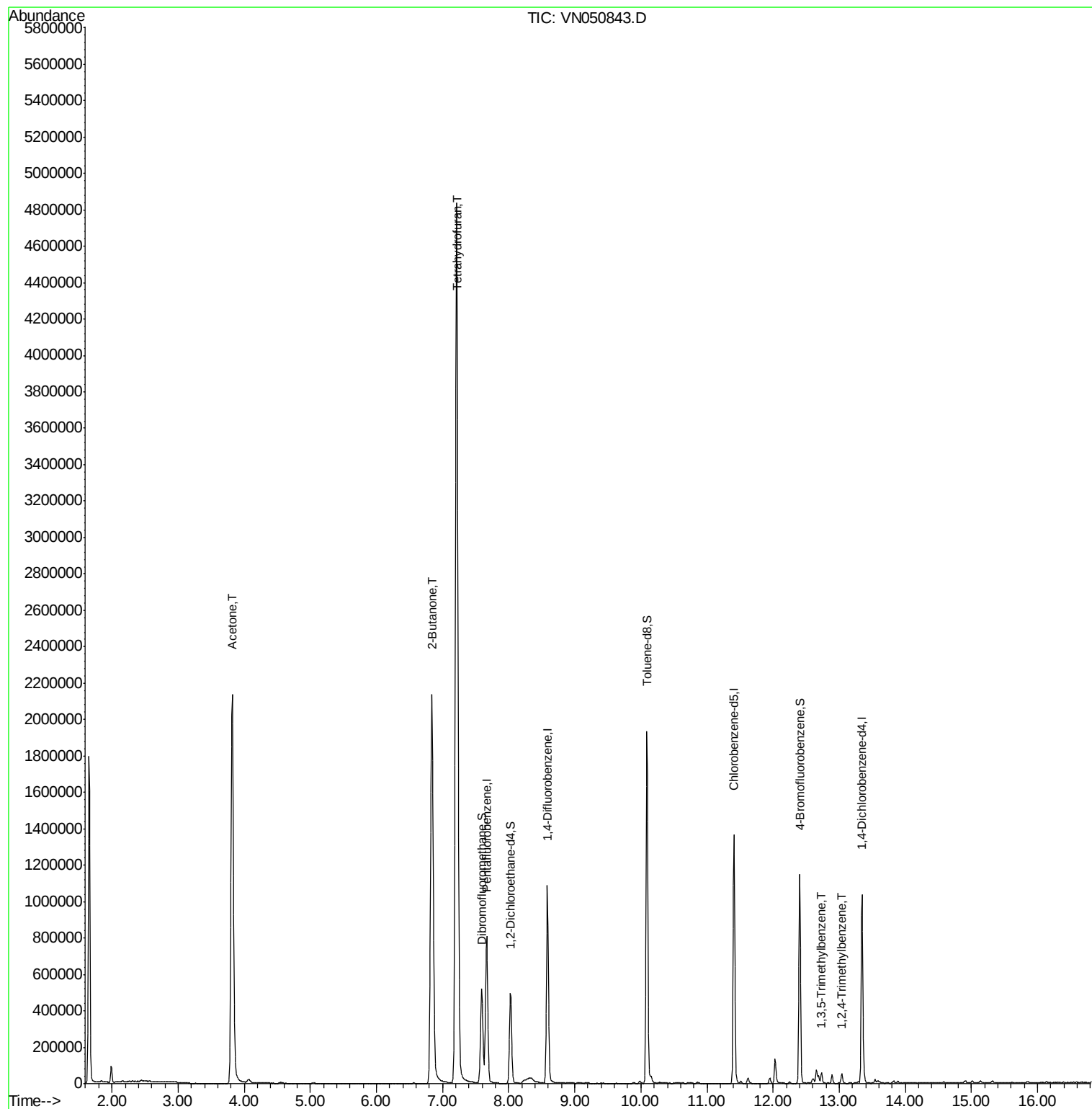
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	3585519	1789.49	ug/l	99
25) 2-Butanone	6.84	43	3957801	1132.48	ug/l	99
29) Tetrahydrofuran	7.21	42	4233821	2112.98	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	30957	1.54	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	29133	1.44	ug/l	97

(#) = 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# 1890

Delta R.T. -0.00 min

Lab File: VN050843.D

Acq: 23 Aug 2018 11:04

Instrument :

MSVOA_N

ClientSampleId :

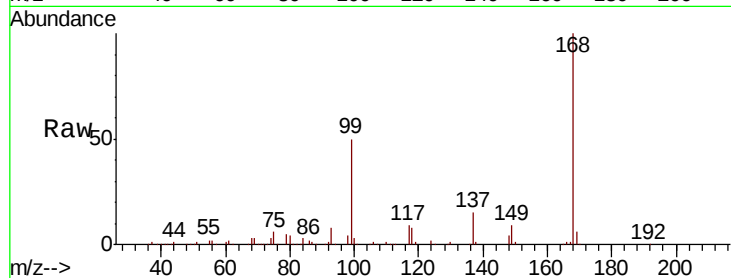
2749

Tot Ion:168 Resp: 720359

Ion Ratio Lower Upper

168 100

99 49.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

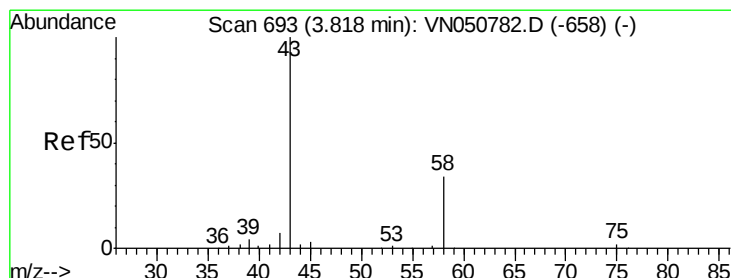
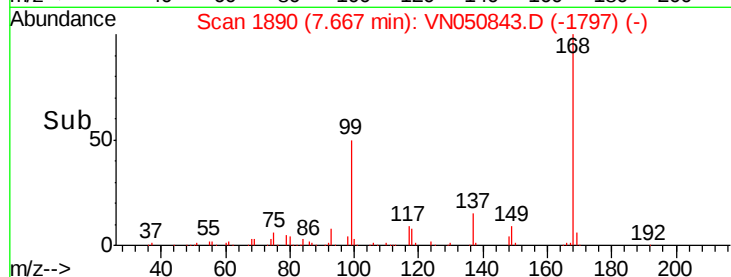
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1789.49 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN050843.D

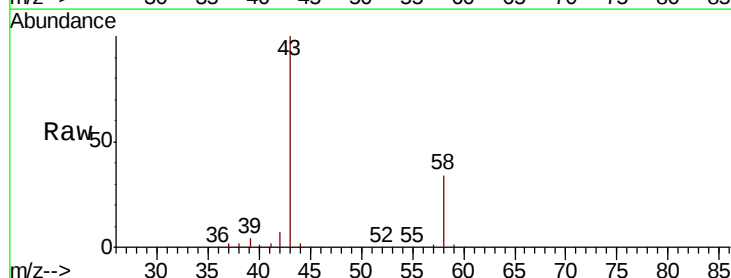
Acq: 23 Aug 2018 11:04

Tgt Ion: 43 Resp: 3585519

Ion Ratio Lower Upper

43 100

58 34.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

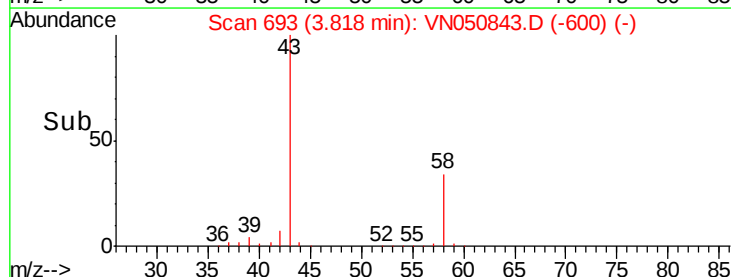
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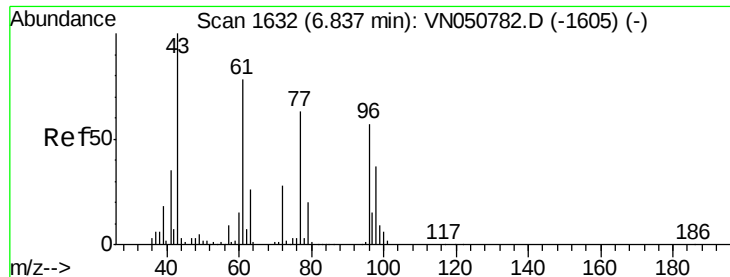
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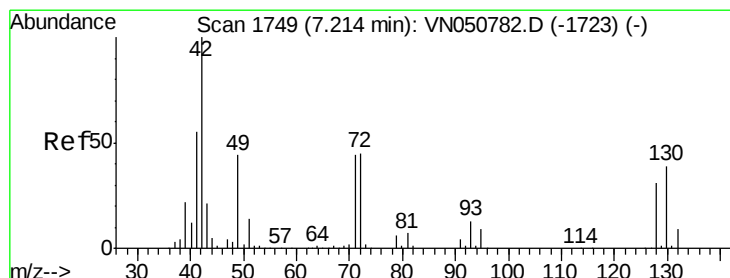
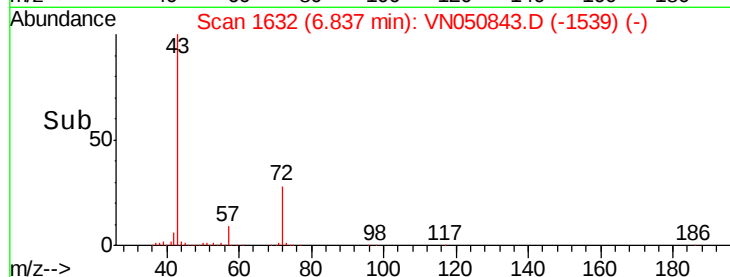
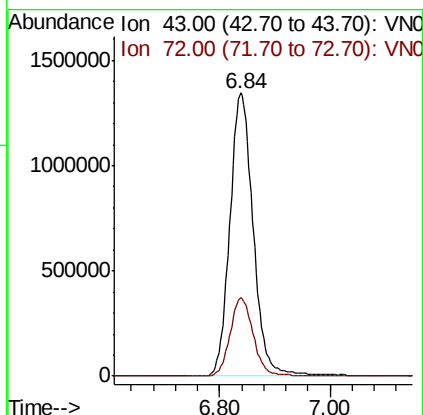
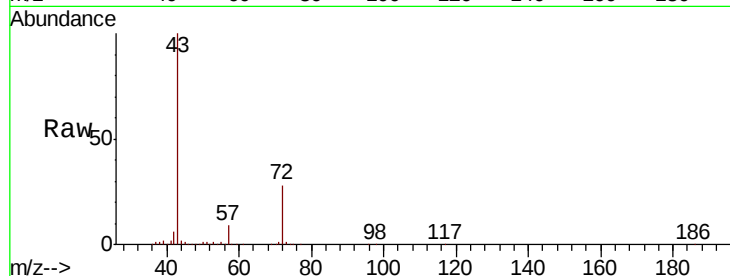




#25
2-Butanone
Concen: 1132.48 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN050843.D
Acq: 23 Aug 2018 11:04

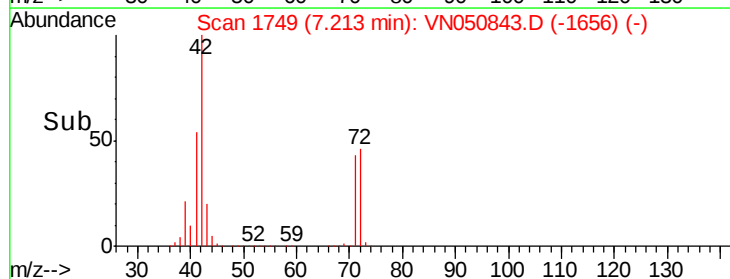
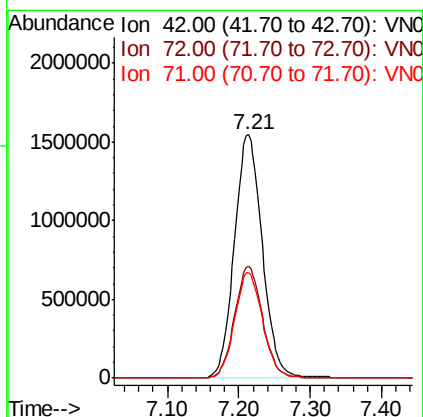
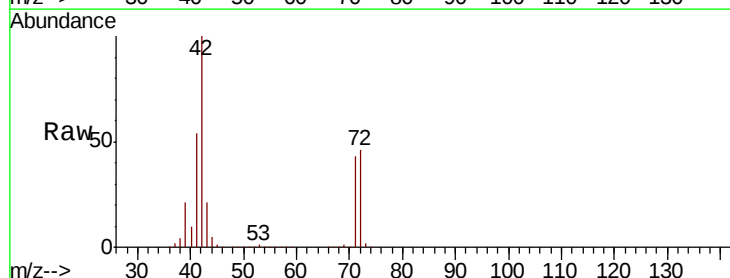
Instrument :
MSVOA_N
ClientSampled :
2749

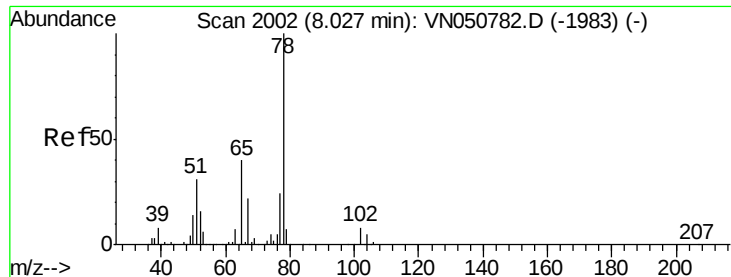
Tot Ion: 43 Resp: 3957801
Ion Ratio Lower Upper
43 100
72 27.6 22.3 33.5



#29
Tetrahydrofuran
Concen: 2112.98 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN050843.D
Acq: 23 Aug 2018 11:04

Tgt Ion: 42 Resp: 4233821
Ion Ratio Lower Upper
42 100
72 45.8 35.5 53.3
71 43.4 33.7 50.5

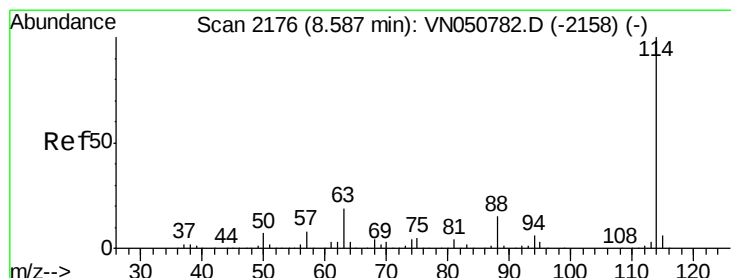
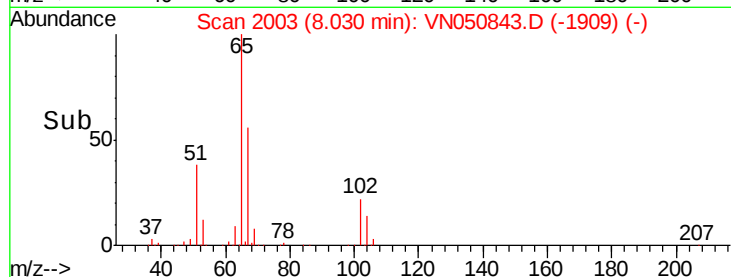
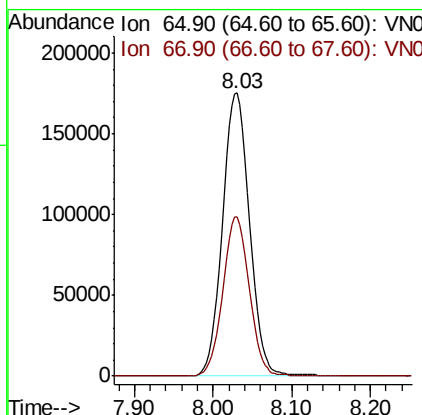
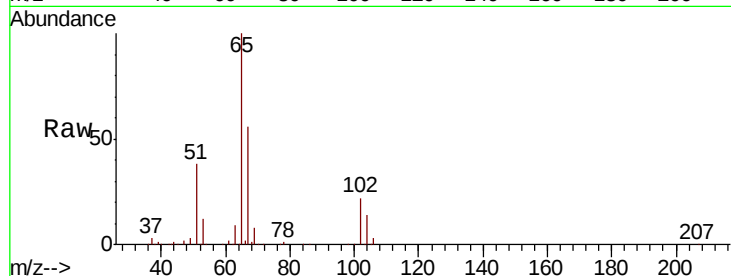




#33
 1,2-Dichloroethane-d4
 Concen: 47.87 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050843.D
 Acq: 23 Aug 2018 11:04

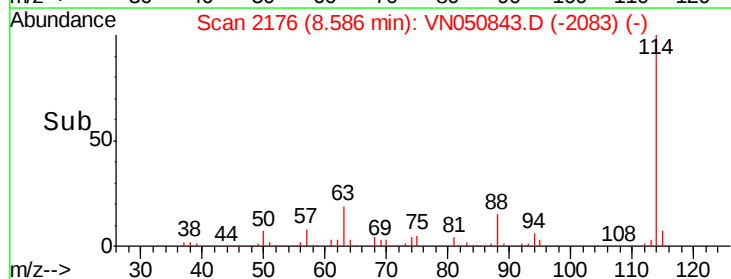
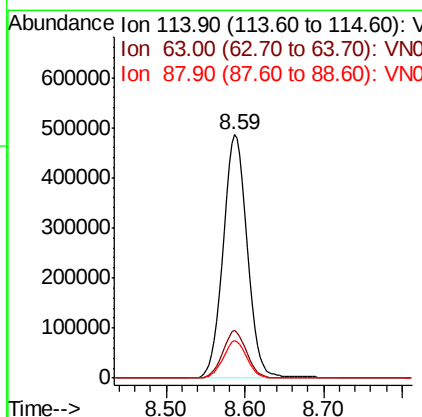
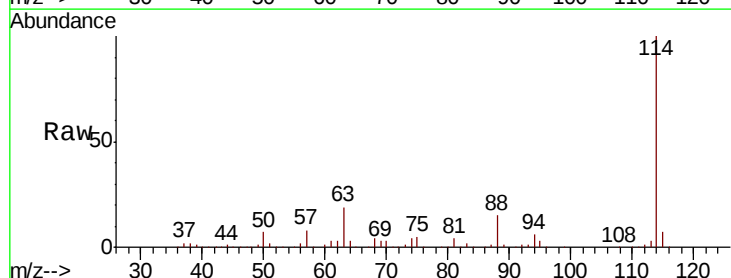
Instrument :
 MSVOA_N
 ClientSampleId :
 2749

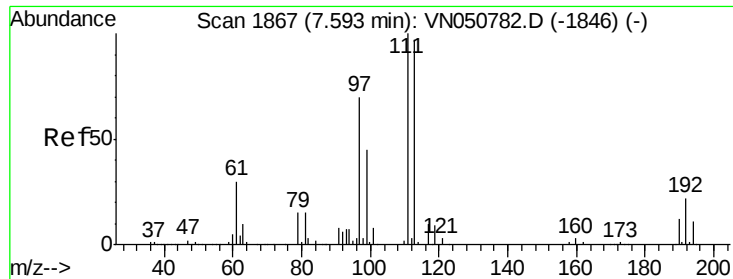
Tot Ion: 65 Resp: 415108
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050843.D
 Acq: 23 Aug 2018 11:04

Tgt Ion: 114 Resp: 1027364
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.4 0.0 30.6

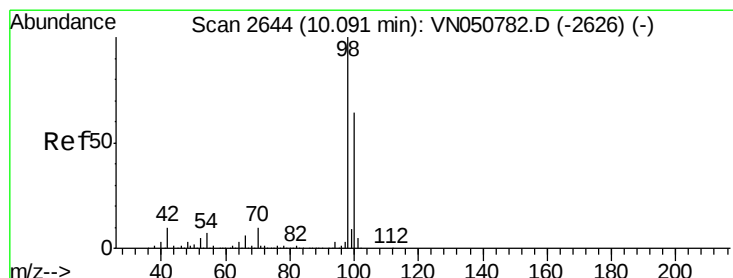
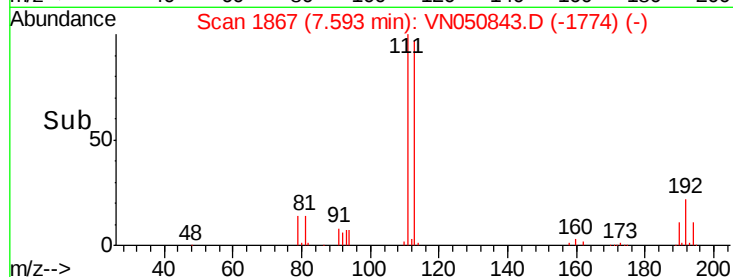
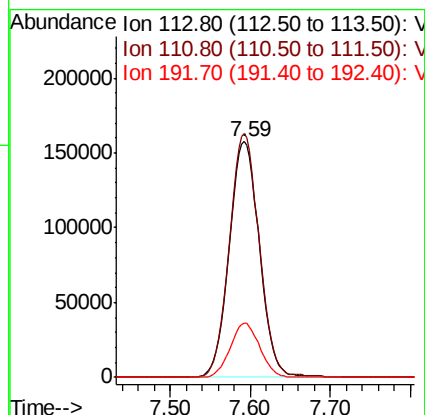
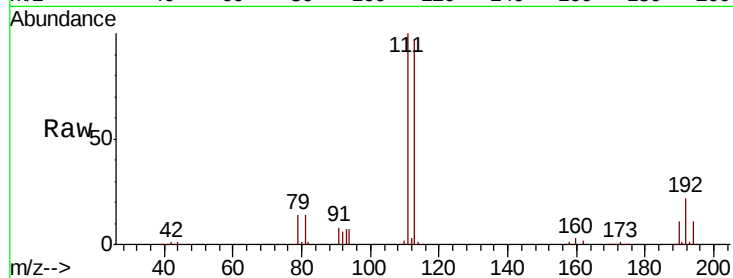




#35
 Dibromofluoromethane
 Concen: 49.48 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050843.D
 Acq: 23 Aug 2018 11:04

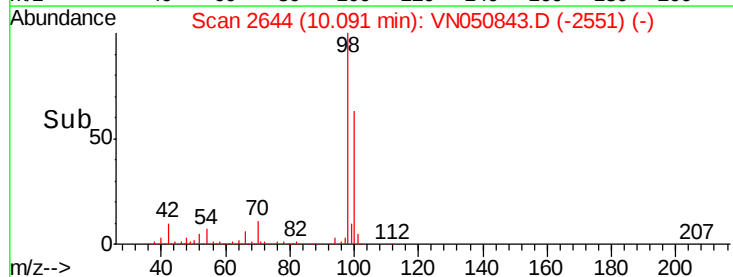
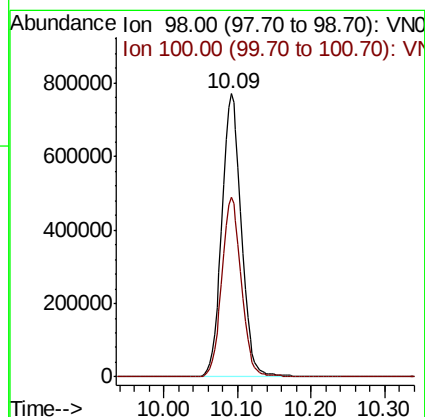
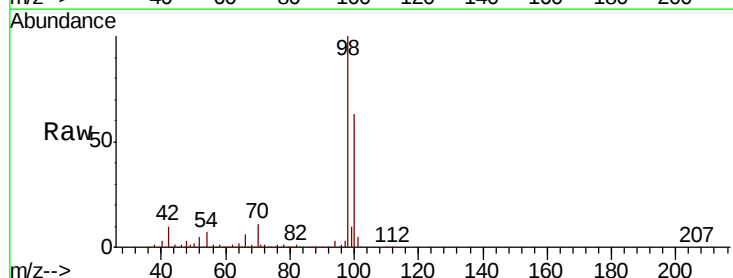
Instrument :
 MSVOA_N
 ClientSampleId :
 2749

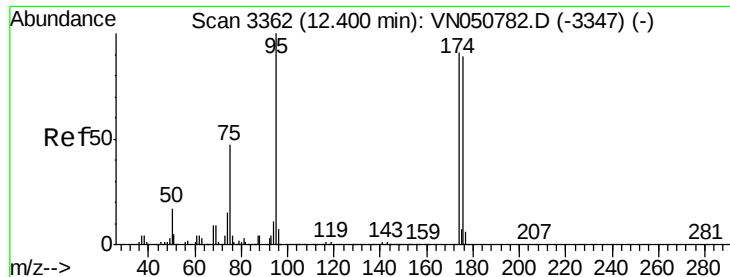
Tot Ion:113 Resp: 404413
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.6 123.8
 192 22.5 18.0 27.0



#50
 Toluene-d8
 Concen: 46.39 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050843.D
 Acq: 23 Aug 2018 11:04

Tgt Ion: 98 Resp: 1417577
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 39.24 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050843.D

Acq: 23 Aug 2018 11:04

Instrument :

MSVOA_N

ClientSampleId :

2749

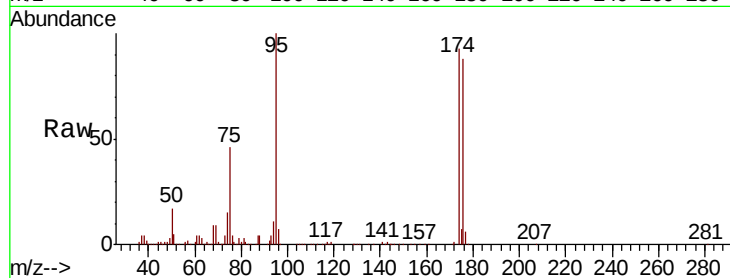
Tot Ion: 95 Resp: 398435

Ion Ratio Lower Upper

95 100

174 91.5 0.0 183.0

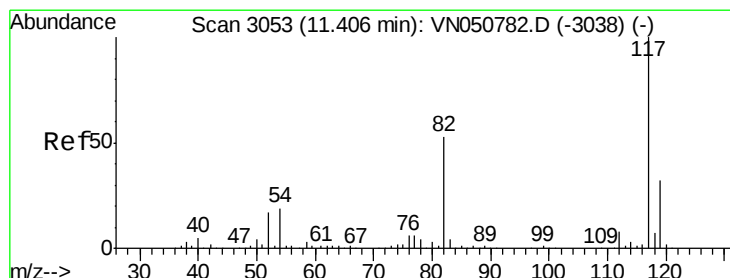
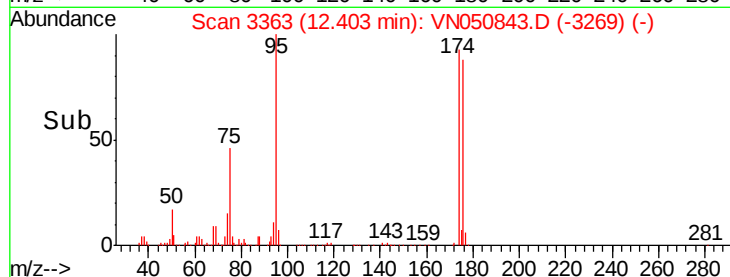
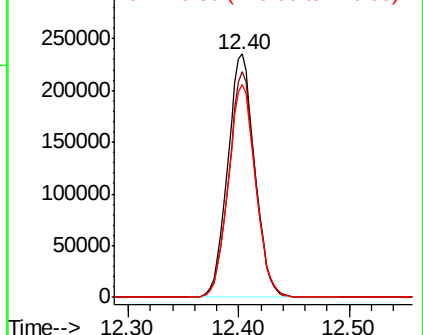
176 88.5 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. -0.00 min

Lab File: VN050843.D

Acq: 23 Aug 2018 11:04

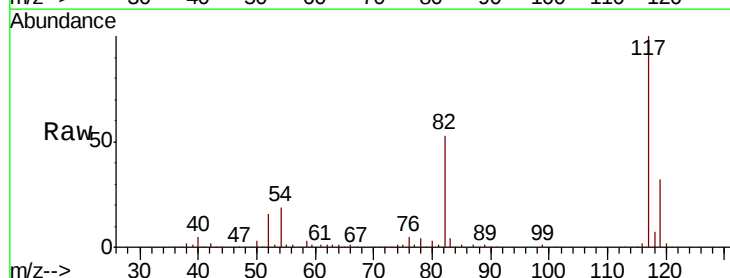
Tgt Ion: 117 Resp: 865542

Ion Ratio Lower Upper

117 100

82 52.8 42.6 64.0

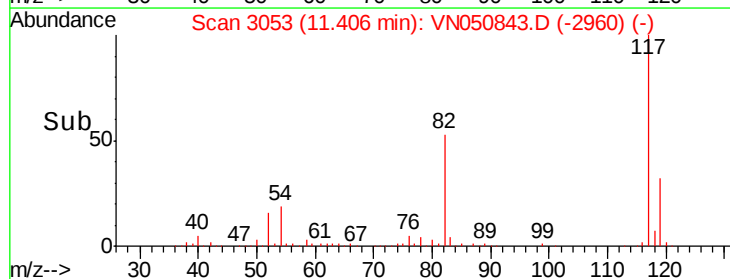
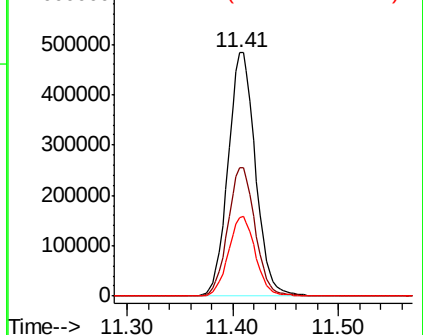
119 32.5 25.8 38.6

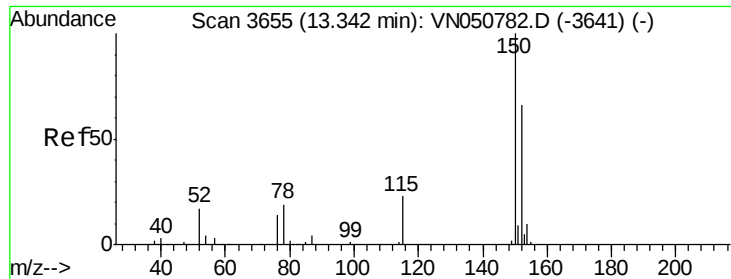


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050843.D

Acq: 23 Aug 2018 11:04

Instrument :

MSVOA_N

ClientSampleId :

2749

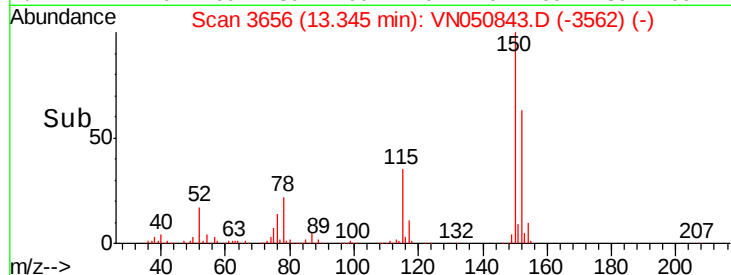
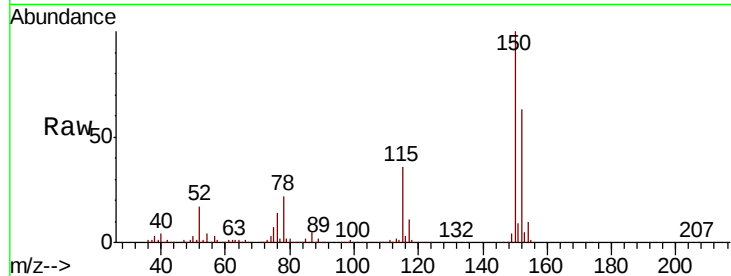
Tot Ion:152 Resp: 300519

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.4

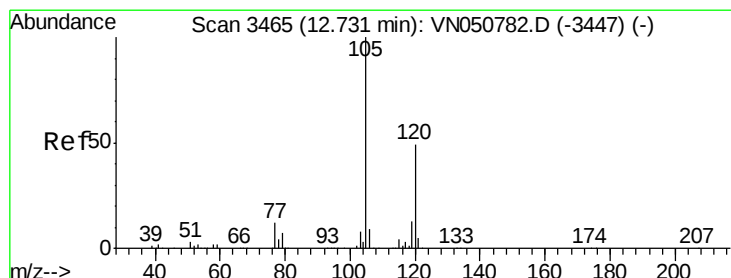
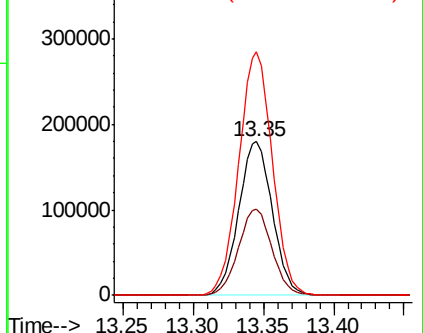
150 158.0 0.0 351.4



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



#80

1,3,5-Trimethylbenzene

Concen: 1.54 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050843.D

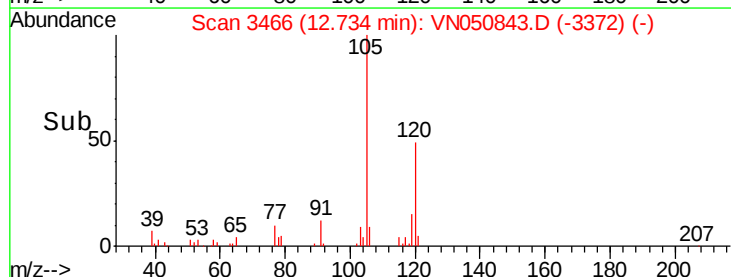
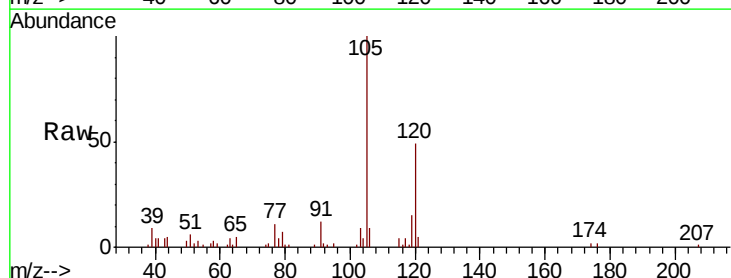
Acq: 23 Aug 2018 11:04

Tgt Ion:105 Resp: 30957

Ion Ratio Lower Upper

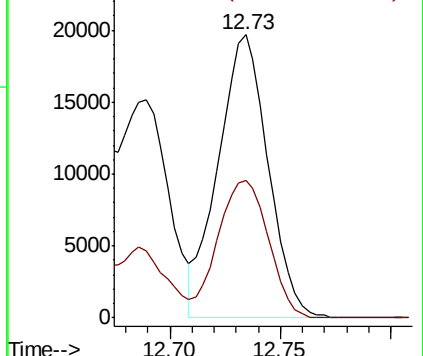
105 100

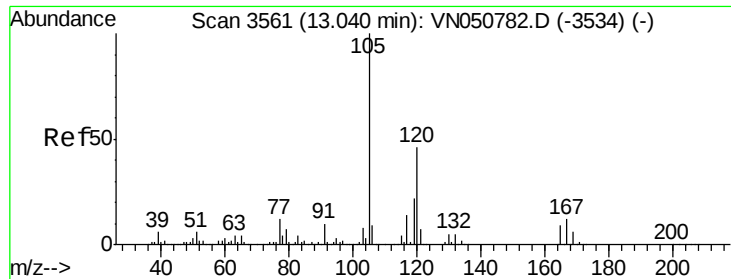
120 49.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 1.44 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050843.D
 Acq: 23 Aug 2018 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 2749

Tot Ion:105 Resp: 29133
 Ion Ratio Lower Upper
 105 100
 120 48.0 22.9 68.8

