

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049702.D
 Acq On : 3 Jul 2018 18:57
 Operator : MD\SY
 Sample : PB110796ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110796ZHE#05

Quant Time: Jul 04 00:31:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1191590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1998701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1642560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	652646	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	842404	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
35) Dibromofluoromethane	7.59	113	693247	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
50) Toluene-d8	10.09	98	2637566	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	
62) 4-Bromofluorobenzene	12.40	95	783805	39.25	ug/l	0.00
Spiked Amount			Recovery	=	78.50%	

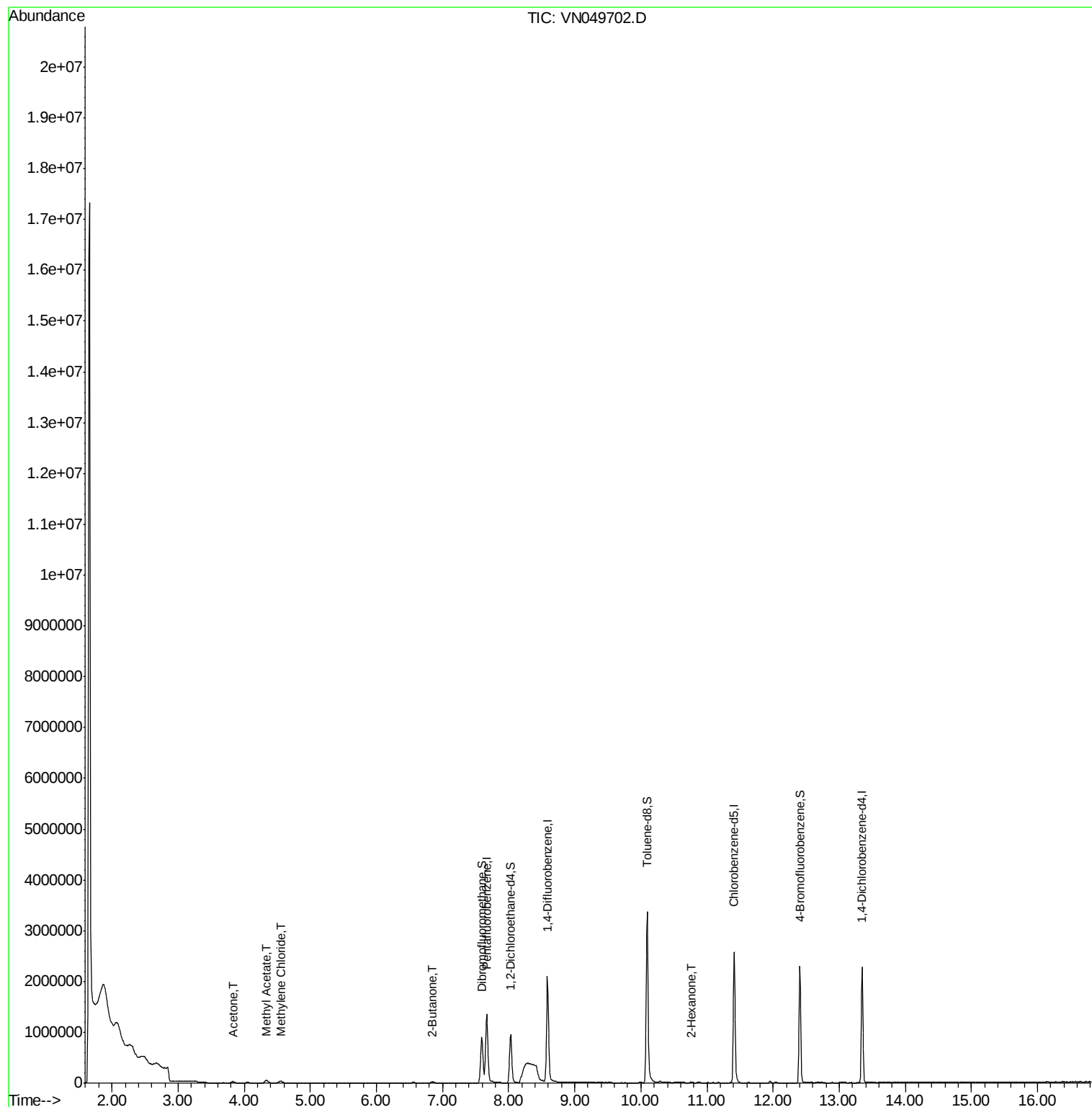
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	43938	6.108	ug/l	97
18) Methyl Acetate	4.33	43	99476	1.897	ug/l	100
20) Methylene Chloride	4.54	84	28484	1.758	ug/l	95
25) 2-Butanone	6.85	43	25838	4.946	ug/l	93
59) 2-Hexanone	10.76	43	8559	1.007	ug/l	87

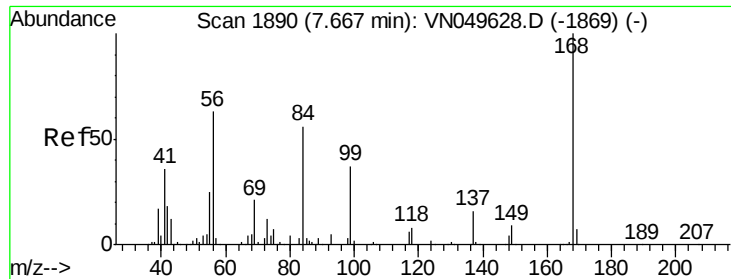
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049702.D

Acq: 3 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

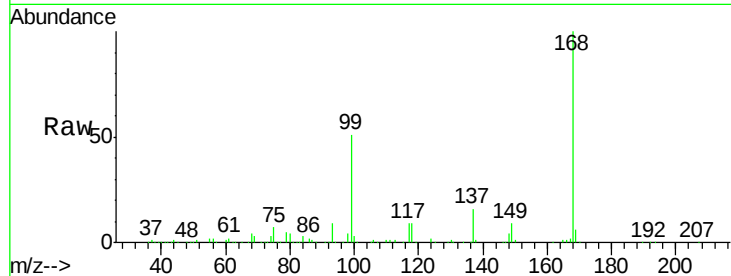
PB110796ZHE#05

Tot Ion:168 Resp: 1191590

Ion Ratio Lower Upper

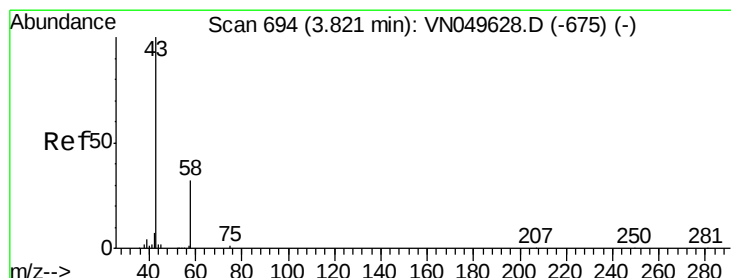
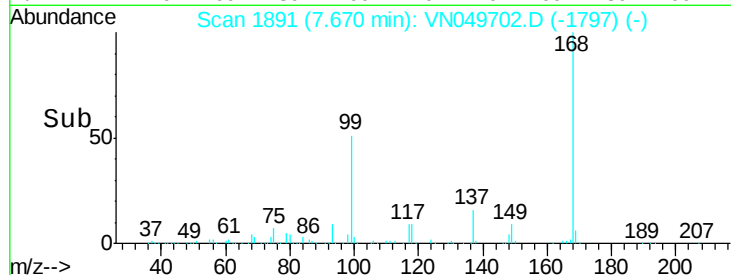
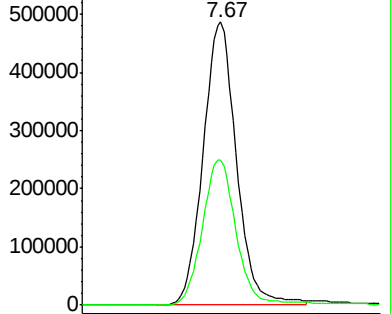
168 100

99 51.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.108 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049702.D

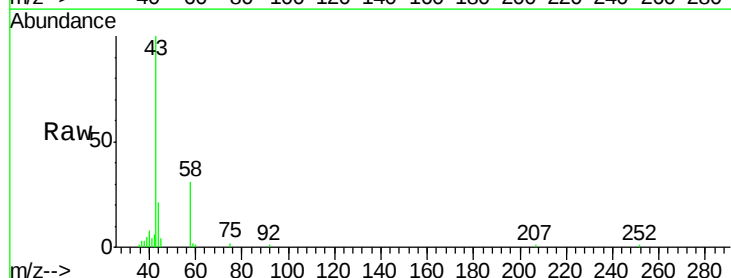
Acq: 3 Jul 2018 18:57

Tgt Ion: 43 Resp: 43938

Ion Ratio Lower Upper

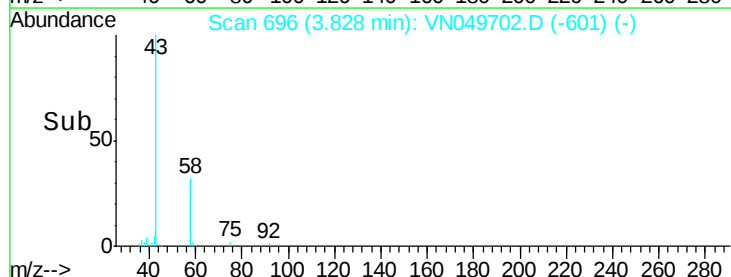
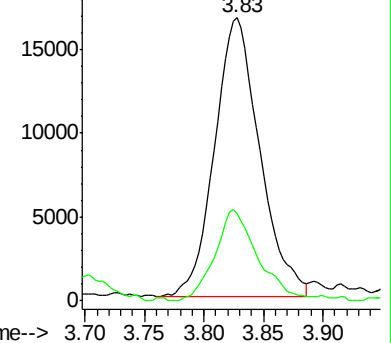
43 100

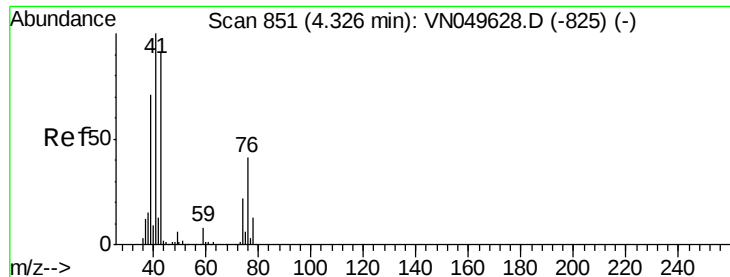
58 30.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#18

Methvl Acetate

Concen: 1.897 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049702.D

Acq: 3 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

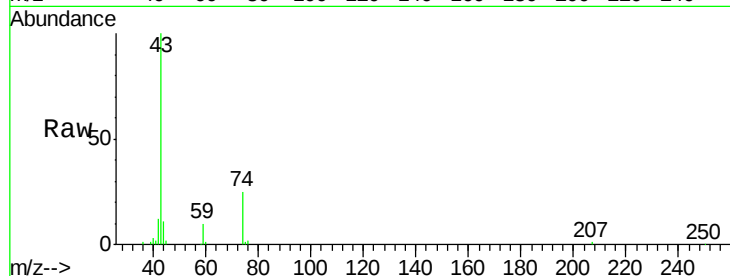
PB110796ZHE#05

Tot Ion: 43 Resp: 99476

Ion Ratio Lower Upper

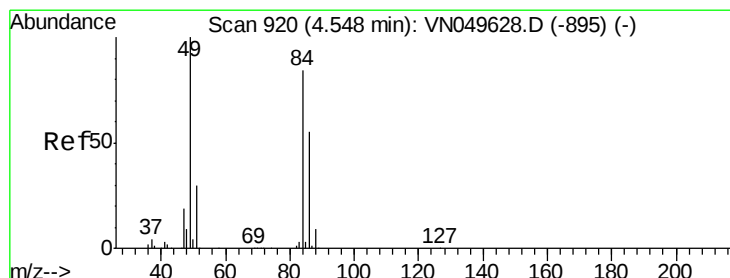
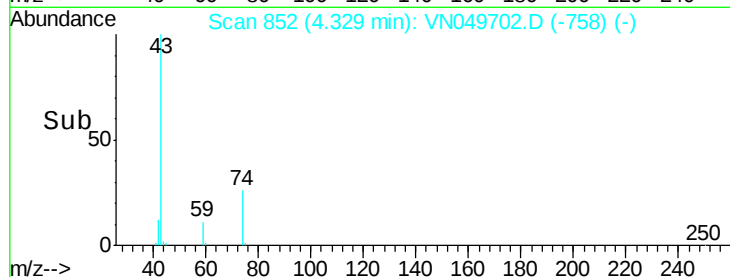
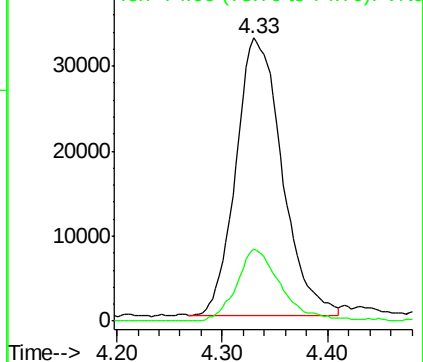
43 100

74 24.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049702.D (-825) (-)

Ion 74.00 (73.70 to 74.70): VN049702.D (-825) (-)



#20

Methylene Chloride

Concen: 1.758 ug/l

RT: 4.54 min Scan# 919

Delta R.T. -0.00 min

Lab File: VN049702.D

Acq: 3 Jul 2018 18:57

Tgt Ion: 84 Resp: 28484

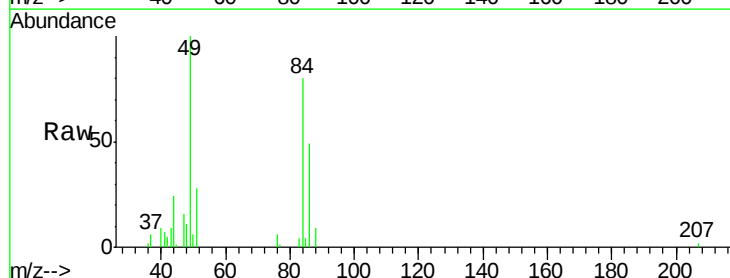
Ion Ratio Lower Upper

84 100

49 124.2 95.4 143.2

51 35.0 28.4 42.6

86 60.3 52.6 79.0

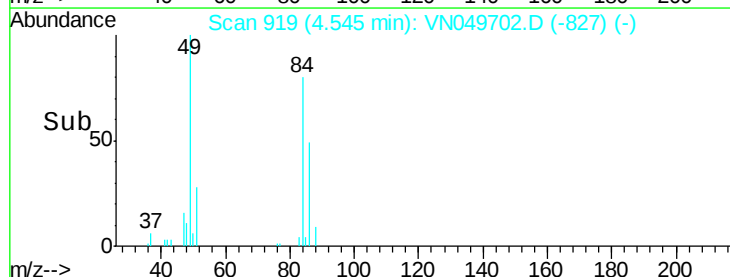
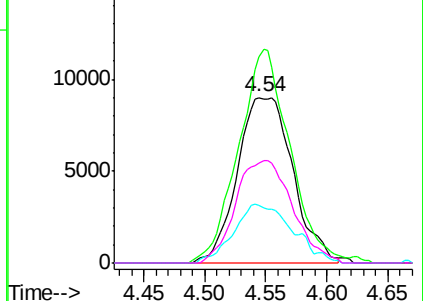


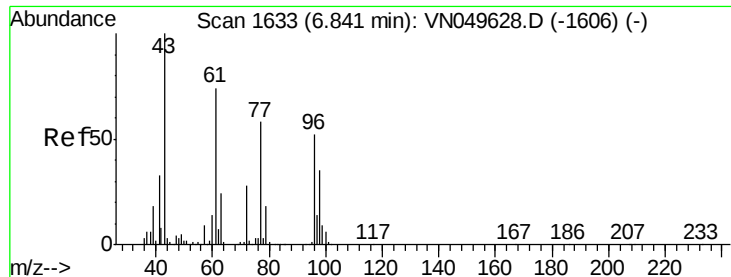
Abundance Ion 83.90 (83.60 to 84.60): VN049702.D (-827) (-)

Ion 48.90 (48.60 to 49.60): VN049702.D (-827) (-)

Ion 50.90 (50.60 to 51.60): VN049702.D (-827) (-)

Ion 85.90 (85.60 to 86.60): VN049702.D (-827) (-)

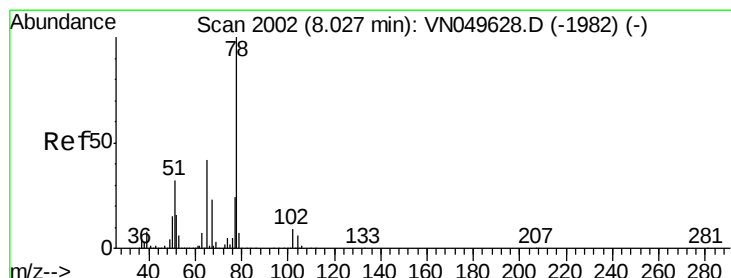
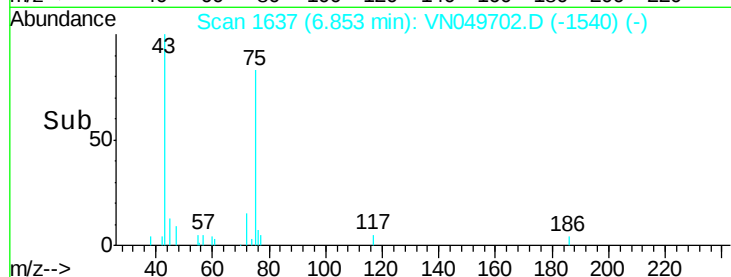
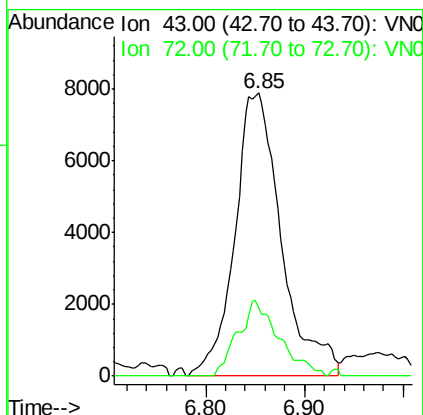
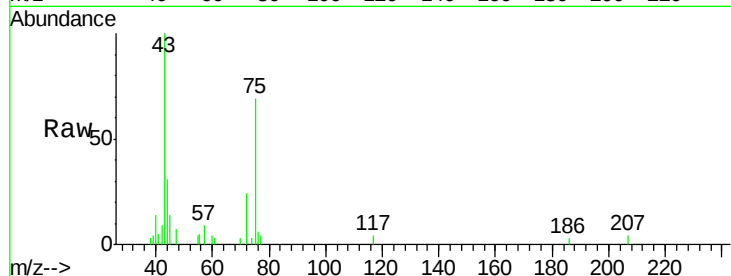




#25
2-Butanone
Concen: 4.946 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049702.D
Acq: 3 Jul 2018 18:57

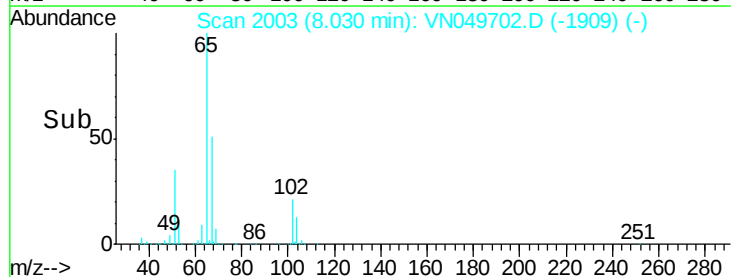
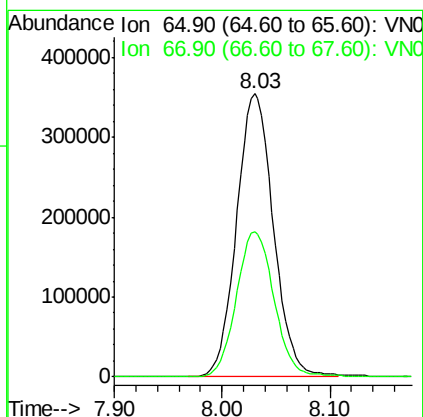
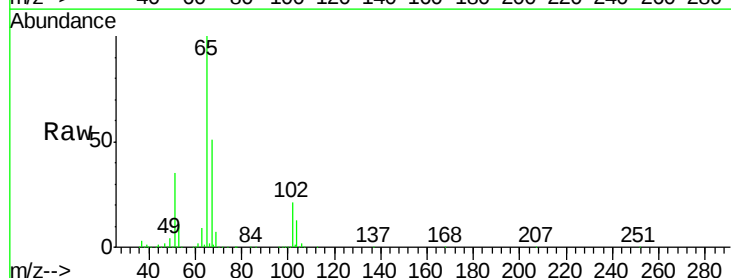
Instrument :
MSVOA_N
ClientSampleId :
PB110796ZHE#05

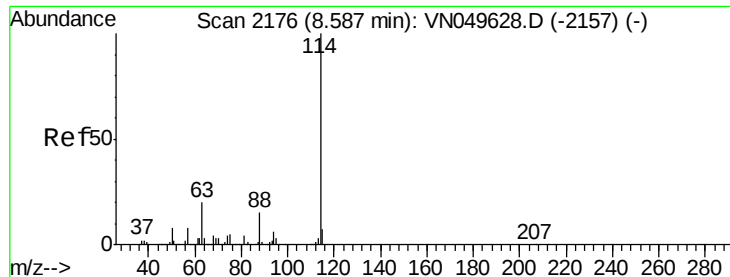
Tot Ion: 43 Resp: 25838
Ion Ratio Lower Upper
43 100
72 24.0 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 53.533 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049702.D
Acq: 3 Jul 2018 18:57

Tgt Ion: 65 Resp: 842404
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.2

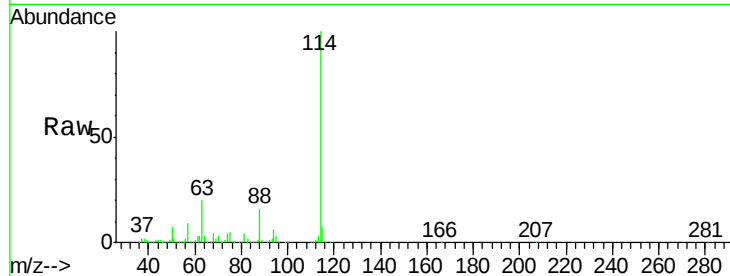




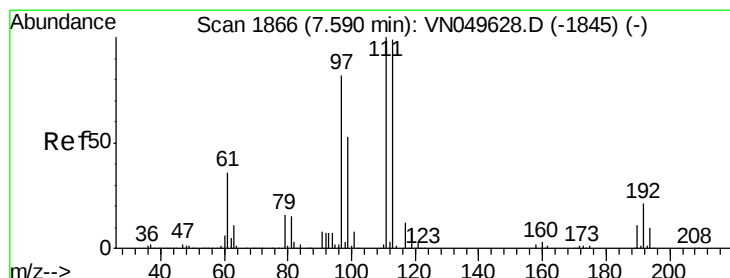
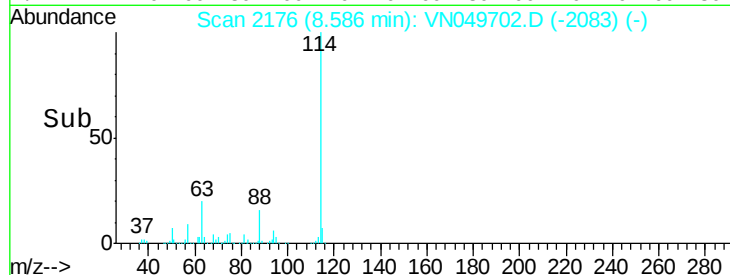
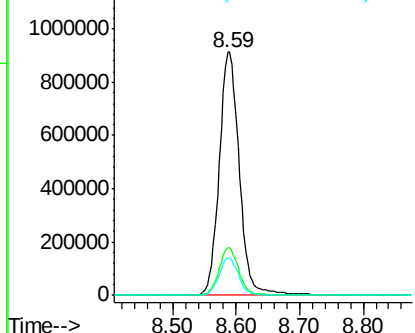
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049702.D
 Acq: 3 Jul 2018 18:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110796ZHE#05

Tot Ion:114 Resp: 1998701
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.6 0.0 30.6

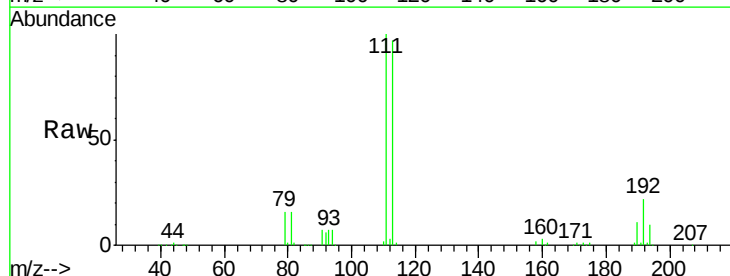


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

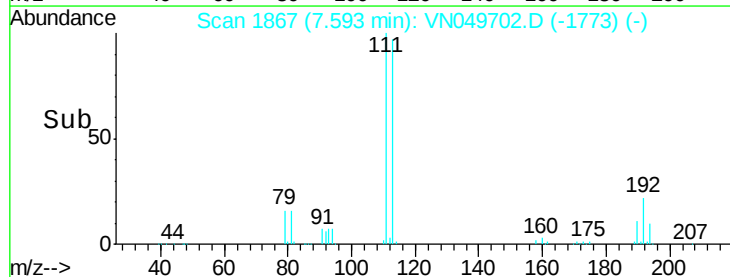
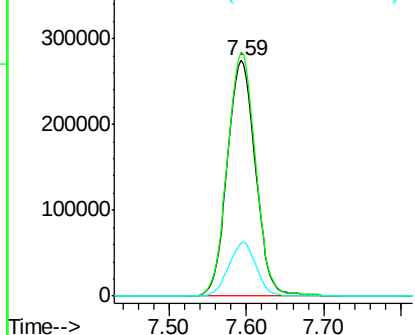


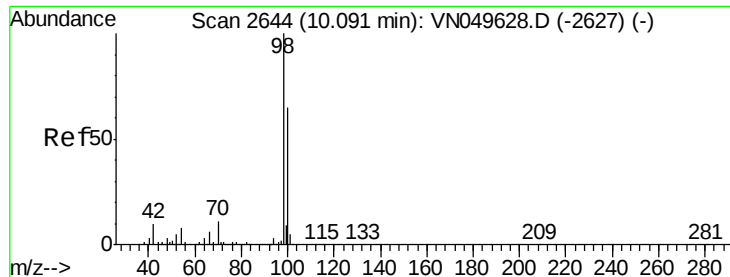
#35
 Dibromofluoromethane
 Concen: 46.395 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049702.D
 Acq: 3 Jul 2018 18:57

Tgt Ion:113 Resp: 693247
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.8 122.8
 192 22.2 17.8 26.6



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

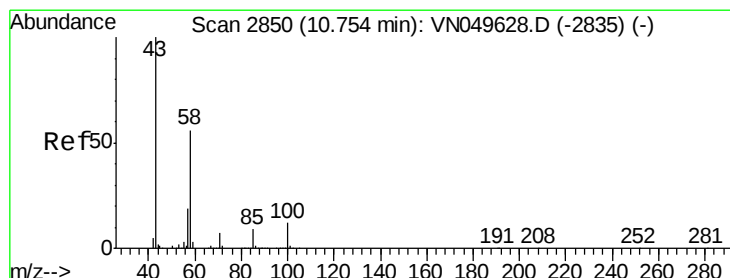
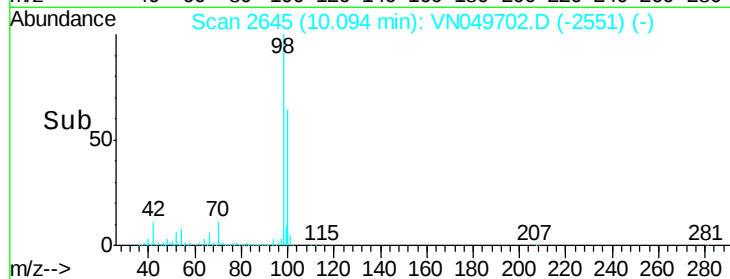
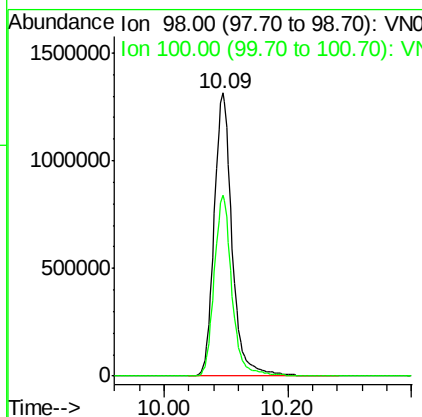
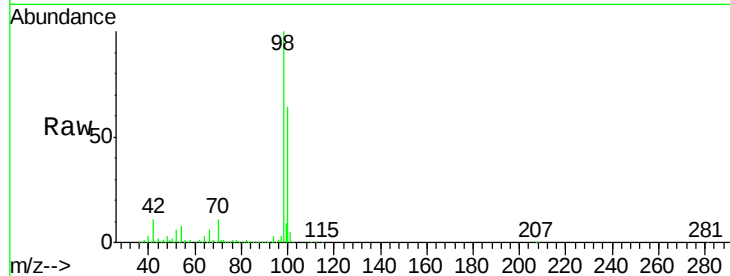




#50
Toluene-d8
Concen: 45.096 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049702.D
Acq: 3 Jul 2018 18:57

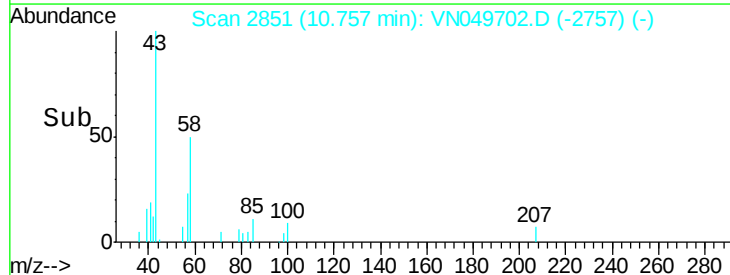
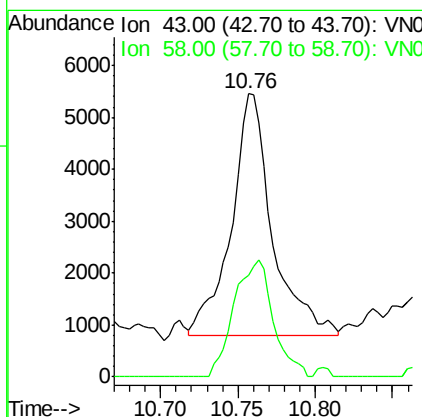
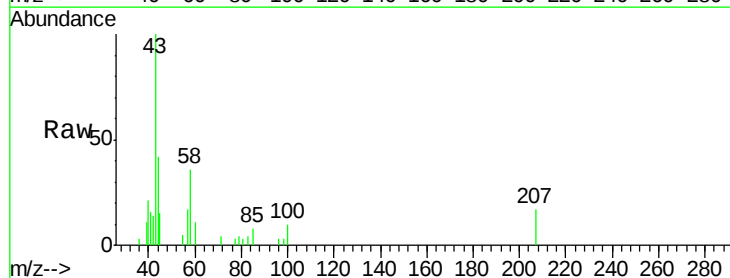
Instrument :
MSVOA_N
ClientSampleId :
PB110796ZHE#05

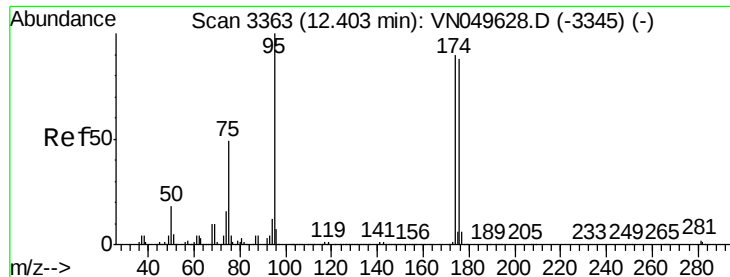
Tot Ion: 98 Resp: 2637566
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#59
2-Hexanone
Concen: 1.007 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN049702.D
Acq: 3 Jul 2018 18:57

Tgt Ion: 43 Resp: 8559
Ion Ratio Lower Upper
43 100
58 46.3 27.8 83.4





#62

4-Bromofluorobenzene

Concen: 39.252 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049702.D

Acq: 3 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#05

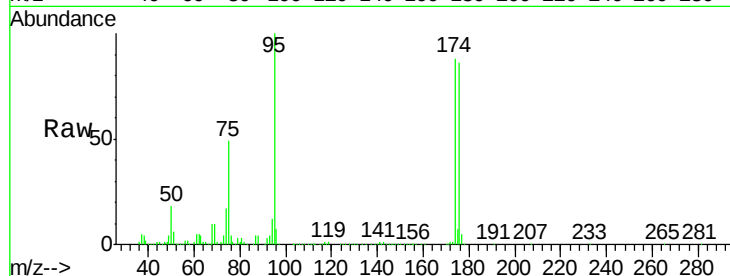
Tot Ion: 95 Resp: 783805

Ion Ratio Lower Upper

95 100

174 91.0 0.0 179.6

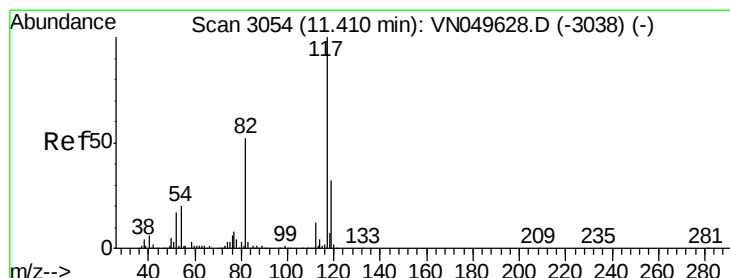
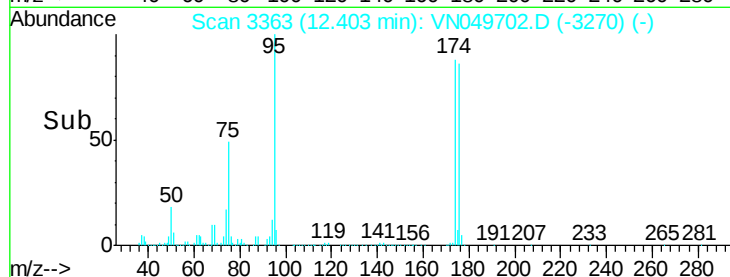
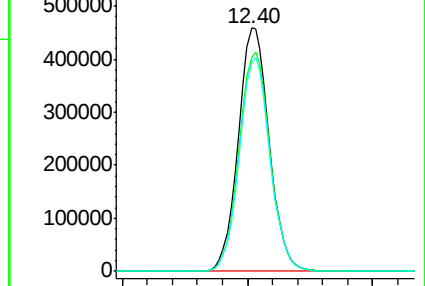
176 87.4 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049702.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049702.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049702.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN049702.D

Acq: 3 Jul 2018 18:57

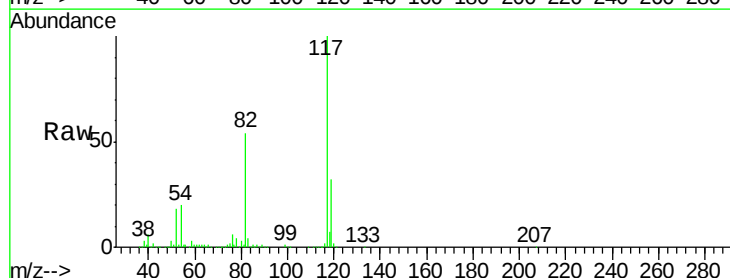
Tgt Ion: 117 Resp: 1642560

Ion Ratio Lower Upper

117 100

82 54.2 41.9 62.9

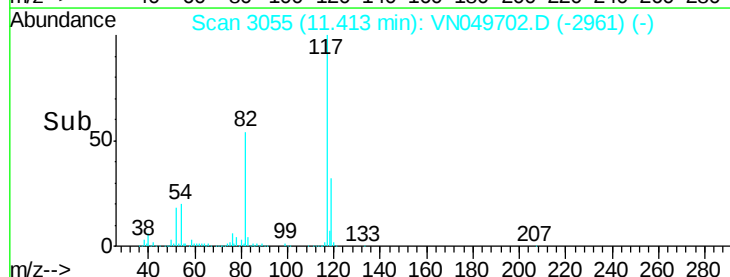
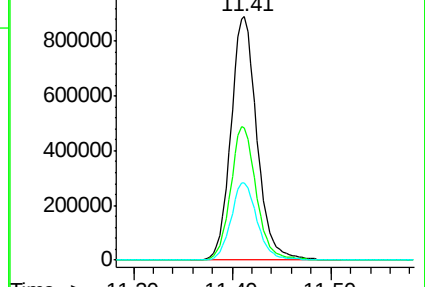
119 31.9 25.4 38.2

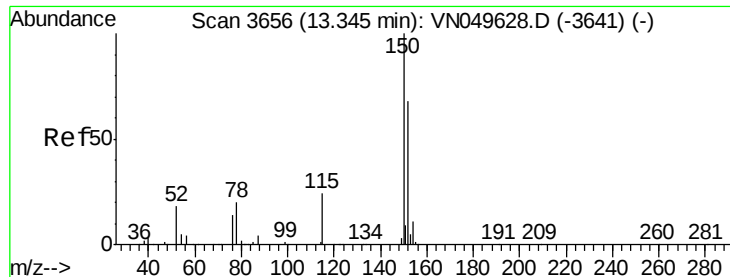


Abundance Ion 116.90 (116.60 to 117.60): VN049702.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049702.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049702.D (-2961) (-)



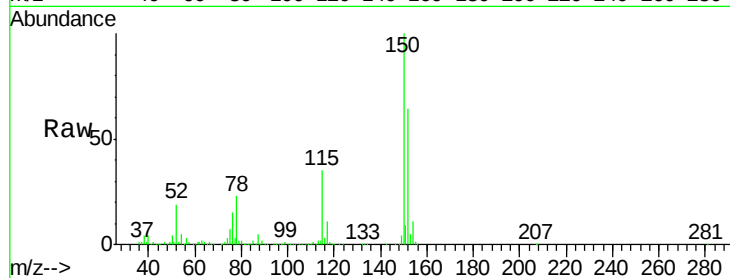


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3657
 Delta R.T. 0.00 min
 Lab File: VN049702.D
 Acq: 3 Jul 2018 18:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110796ZHE#05

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.1	84.2
150	156.4	0.0	347.6



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

