

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082918\
 Data File : VN050944.D
 Acq On : 29 Aug 2018 12:24
 Operator : MD\SY
 Sample : PB112452TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112452TB

Quant Time: Aug 30 01:12:23 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

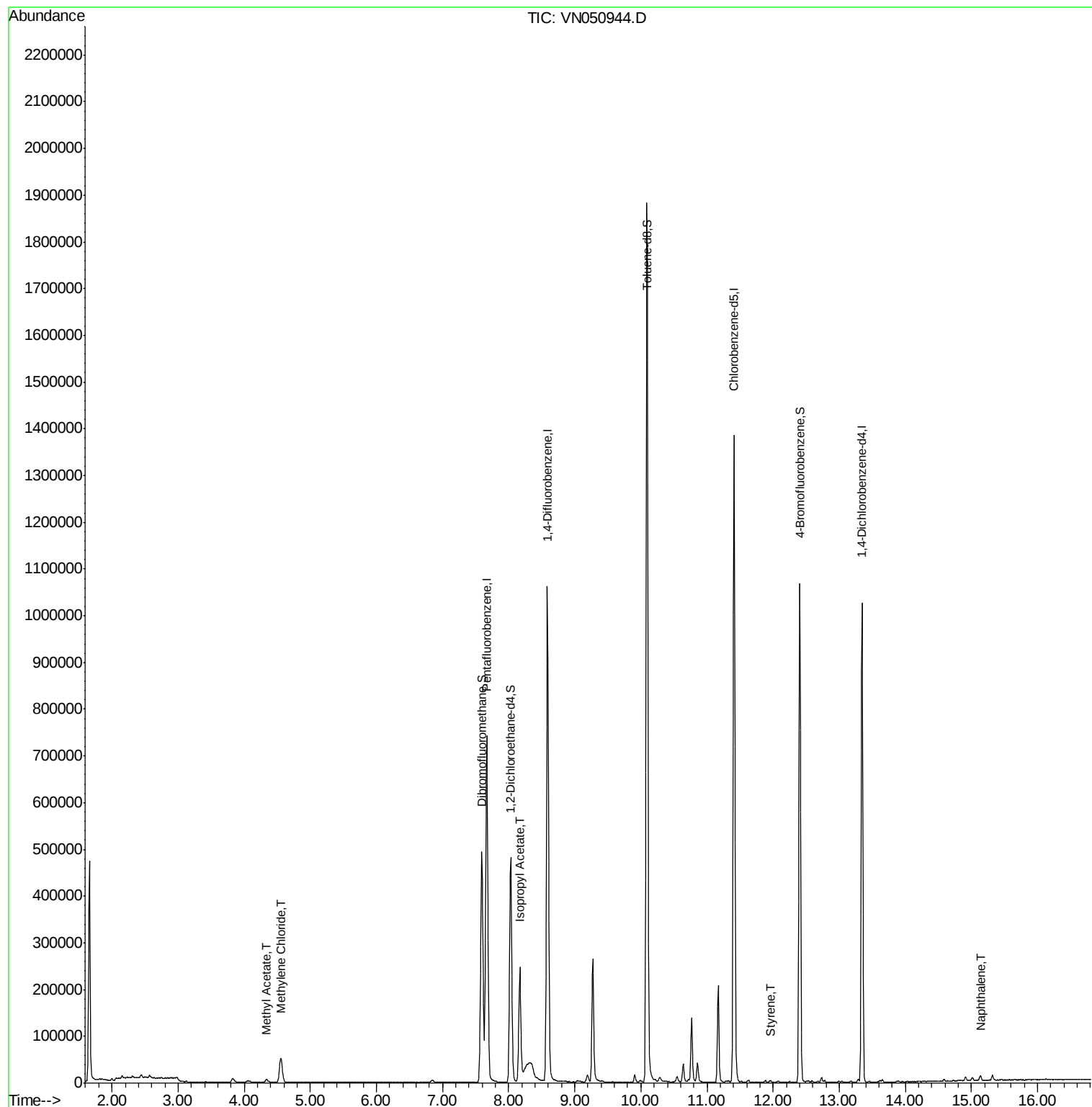
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	641964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1012641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	407576	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
35) Dibromofluoromethane	7.59	113	379007	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
50) Toluene-d8	10.09	98	1407123	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
62) 4-Bromofluorobenzene	12.40	95	379919	37.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.92%	
Target Compounds						
18) Methyl Acetate	4.33	43	12072	1.654	ug/l #	80
20) Methylene Chloride	4.56	84	42376	4.865	ug/l	98
43) Isopropyl Acetate	8.17	43	289420	24.522	ug/l	98
70) Styrene	11.97	104	1436	1.329	ug/l #	91
95) Naphthalene	15.14	128	9441	6.104	ug/l	97

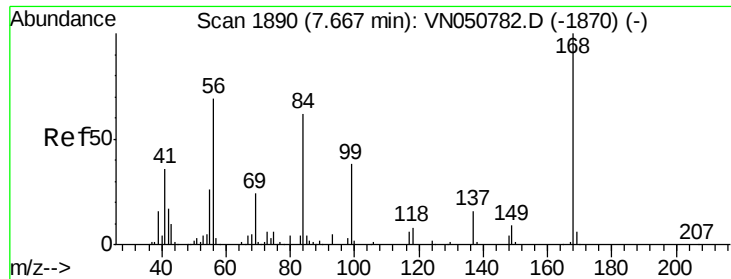
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 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: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

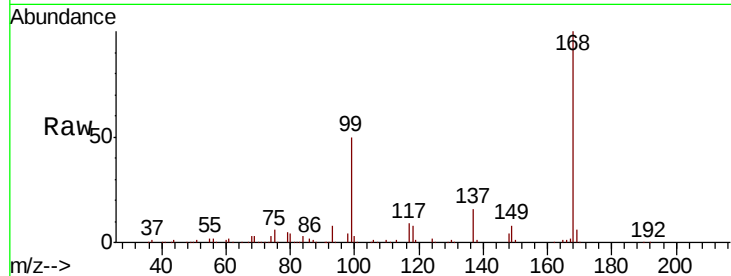
PB112452TB

Tot Ion:168 Resp: 641964

Ion Ratio Lower Upper

168 100

99 50.0 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

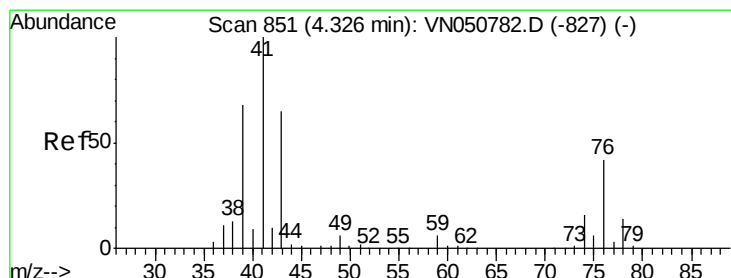
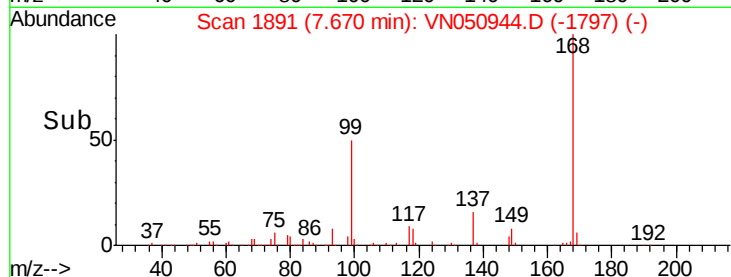
100000

50000

0

Time-->

7.60 7.70 7.80



#18

Methyl Acetate

Concen: 1.654 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050944.D

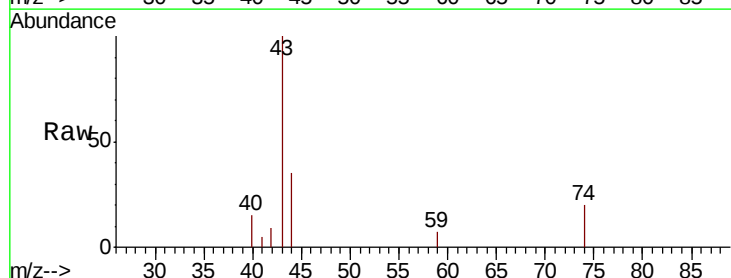
Acq: 29 Aug 2018 12:24

Tgt Ion: 43 Resp: 12072

Ion Ratio Lower Upper

43 100

74 14.7 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.33

4000

3000

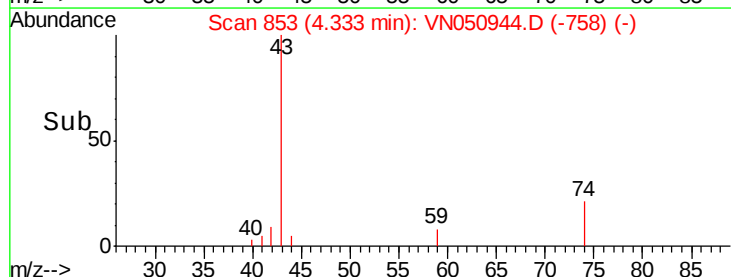
2000

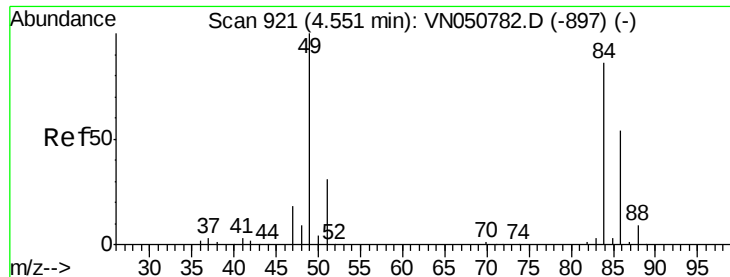
1000

0

Time-->

4.25 4.30 4.35 4.40 4.45

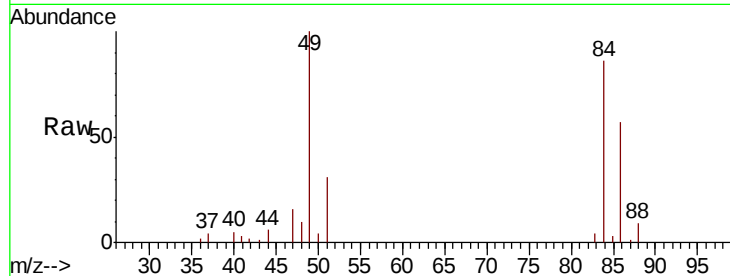




#20
Methvlene Chloride
Concen: 4.865 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

Instrument :
MSVOA_N
ClientSampleId :
PB112452TB

Tot Ion:	84	Resp:	42376
Ion	Ratio	Lower	Upper
84	100		
49	116.7	93.2	139.8
51	36.7	29.0	43.6
86	66.6	49.8	74.8



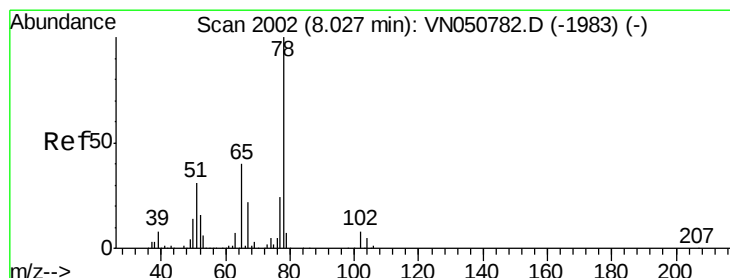
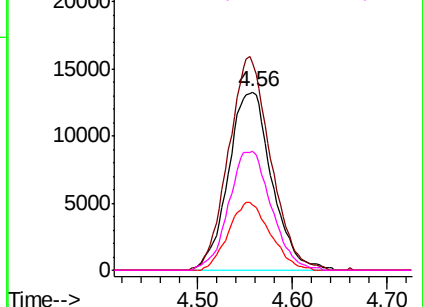
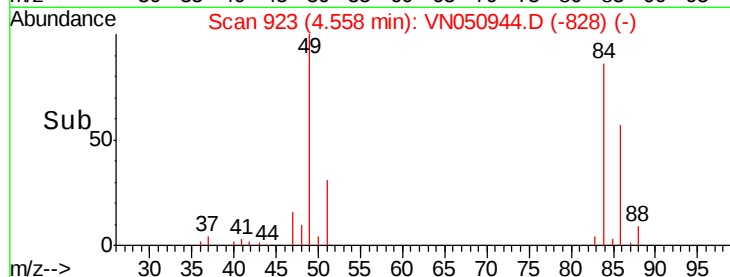
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

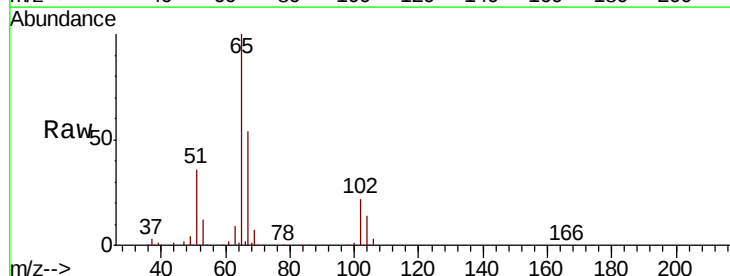
Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33
1,2-Dichloroethane-d4
Concen: 52.738 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

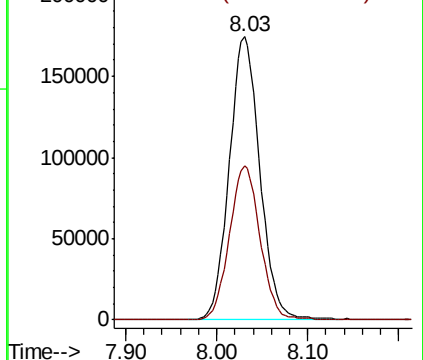
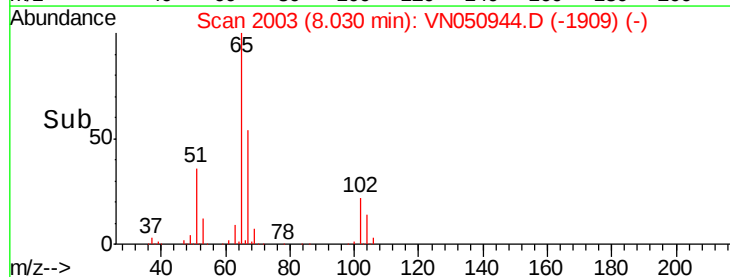
Tgt Ion:	65	Resp:	407576
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.4

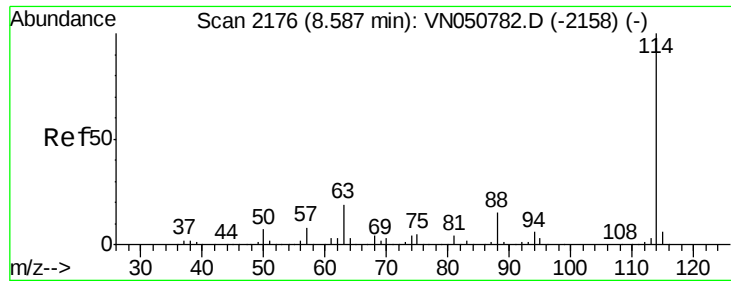


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

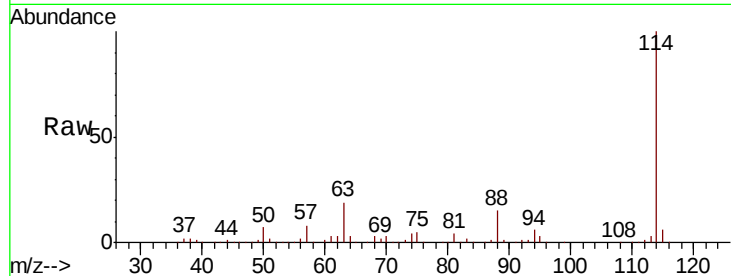




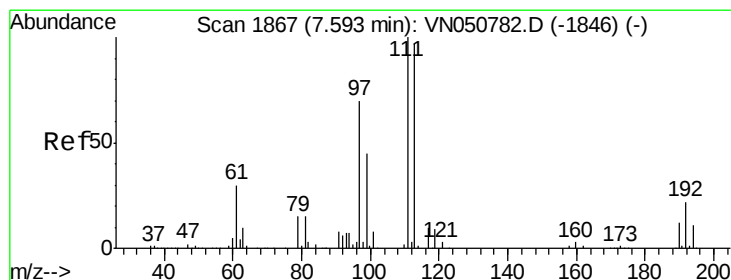
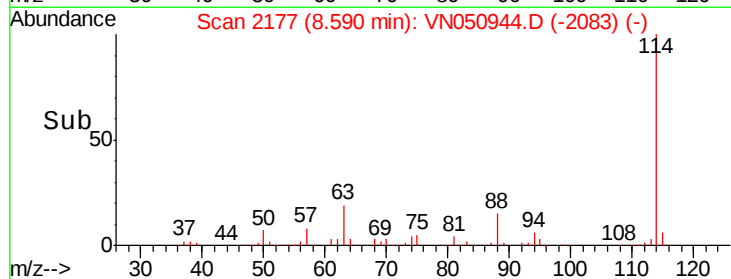
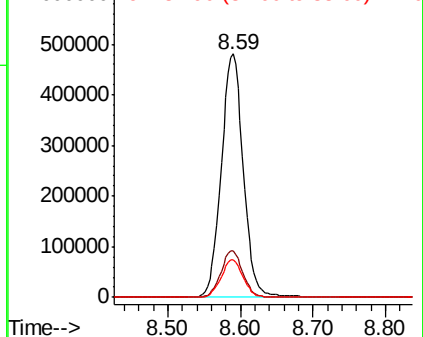
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050944.D
 Acq: 29 Aug 2018 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112452TB

Tot Ion:114 Resp: 1012641
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.2 0.0 30.6

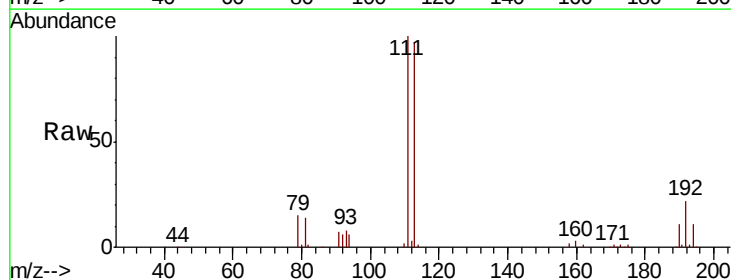


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

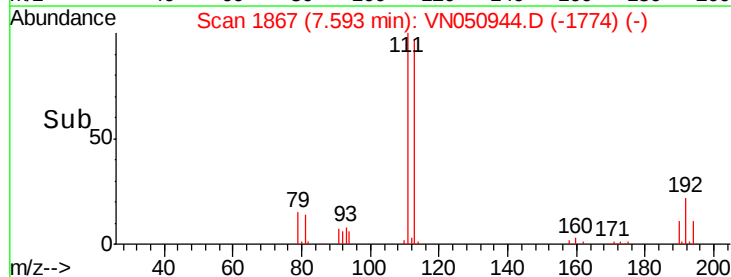
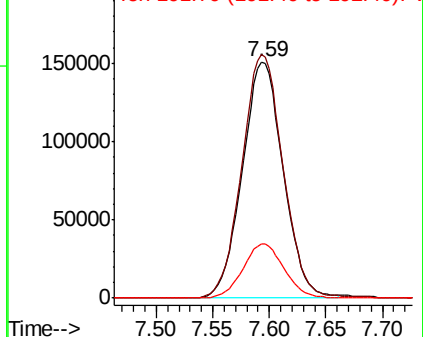


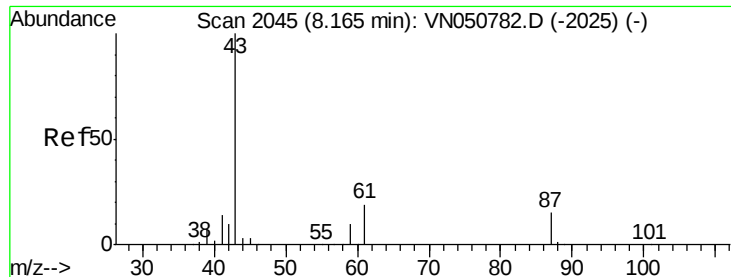
#35
 Dibromofluoromethane
 Concen: 47.046 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050944.D
 Acq: 29 Aug 2018 12:24

Tgt Ion:113 Resp: 379007
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.6 123.8
 192 23.1 18.0 27.0



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: 24.522 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

PB112452TB

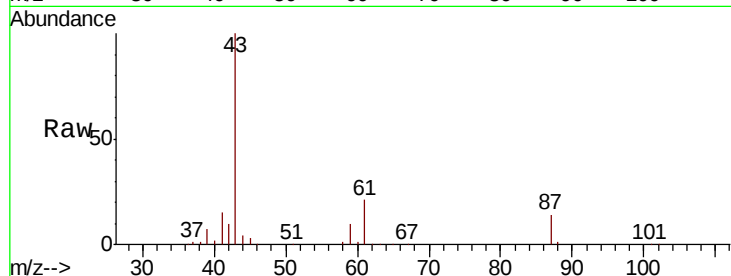
Tot Ion: 43 Resp: 289420

Ion Ratio Lower Upper

43 100

61 20.7 17.5 26.3

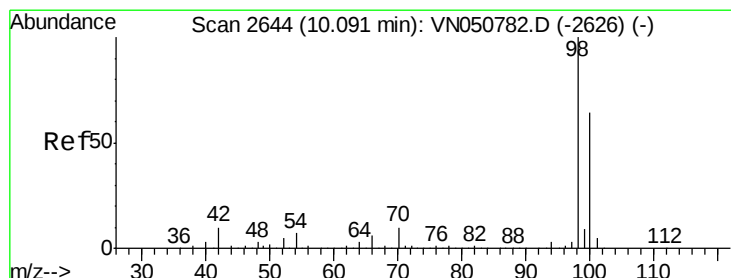
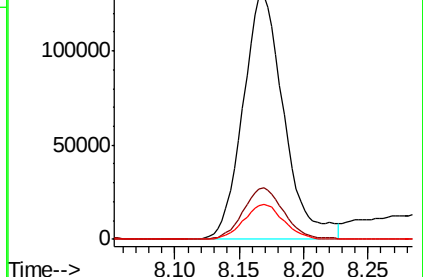
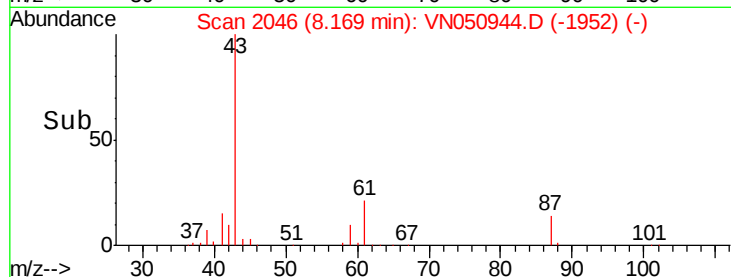
87 13.7 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN050944.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN050944.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN050944.D (-1952) (-)



#50

Toluene-d8

Concen: 46.718 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050944.D

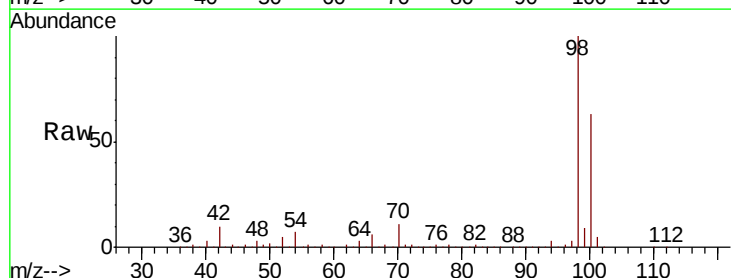
Acq: 29 Aug 2018 12:24

Tgt Ion: 98 Resp: 1407123

Ion Ratio Lower Upper

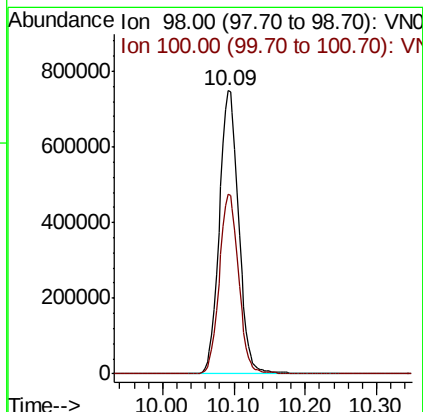
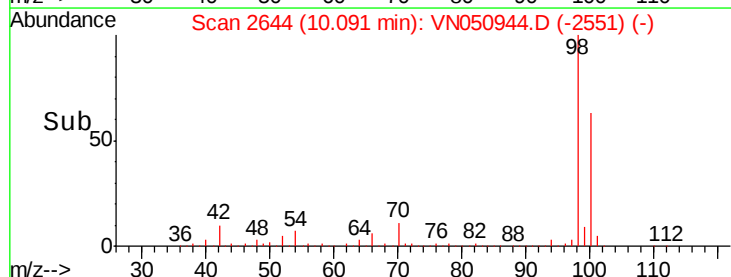
98 100

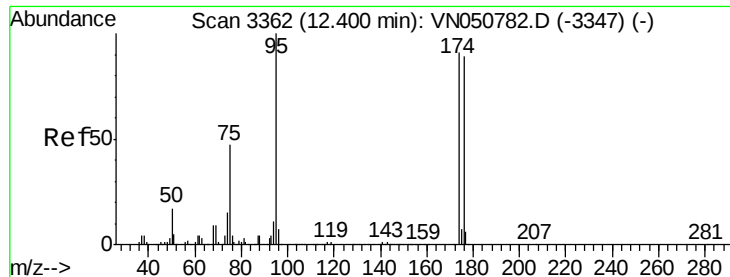
100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050944.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN050944.D (-2551) (-)





#62

4-Bromofluorobenzene

Concen: 37.958 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

Instrument :

MSVOA_N

ClientSampleId :

PB112452TB

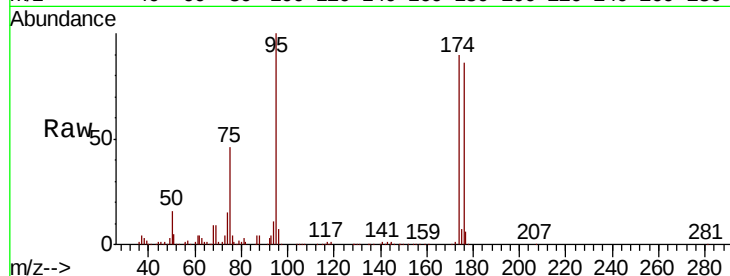
Tot Ion: 95 Resp: 379919

Ion Ratio Lower Upper

95 100

174 92.1 0.0 183.0

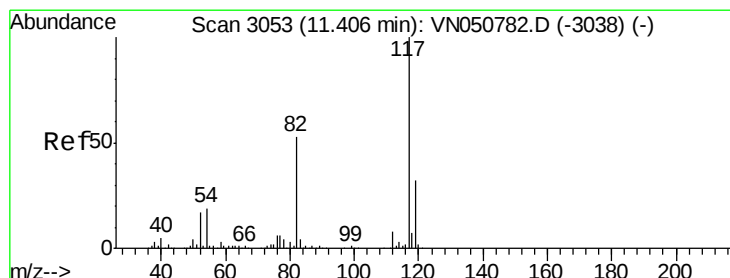
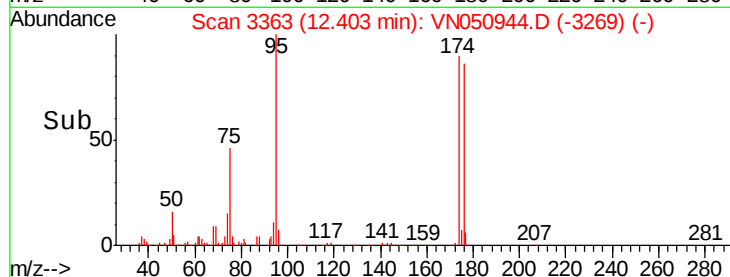
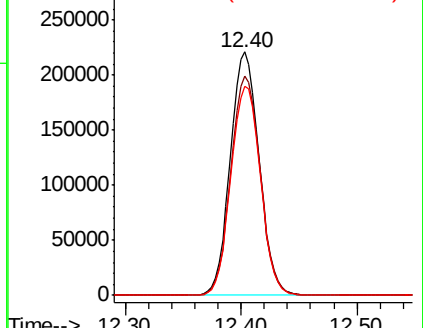
176 88.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050944.D

Acq: 29 Aug 2018 12:24

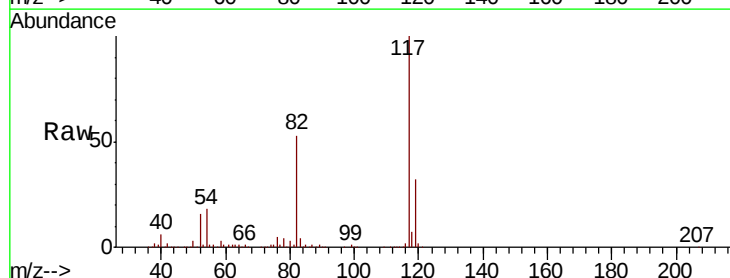
Tgt Ion: 117 Resp: 874377

Ion Ratio Lower Upper

117 100

82 52.9 42.6 64.0

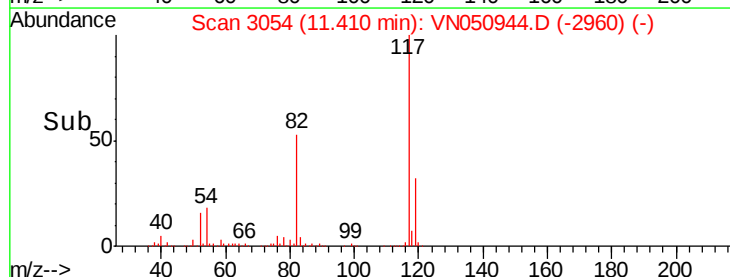
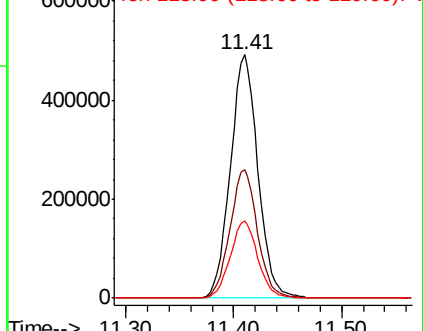
119 31.7 25.8 38.6

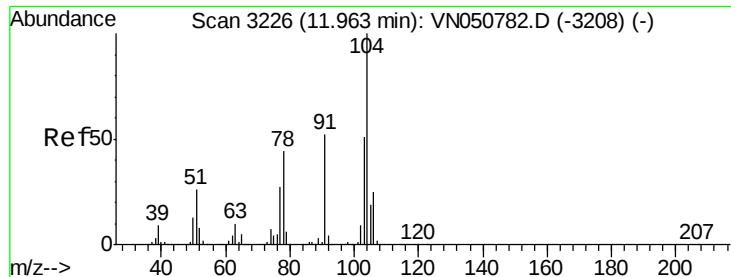


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)

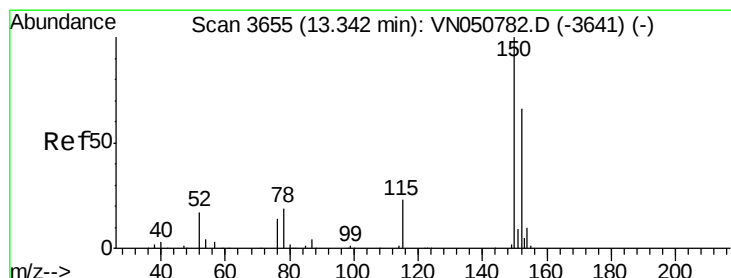
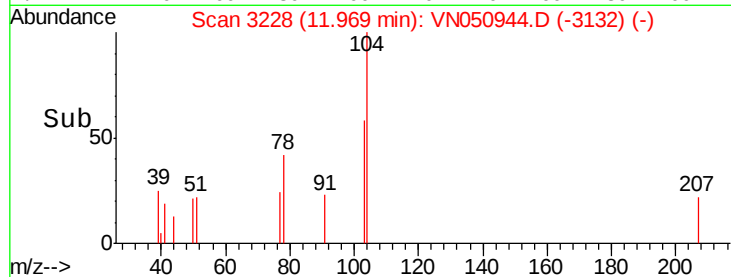
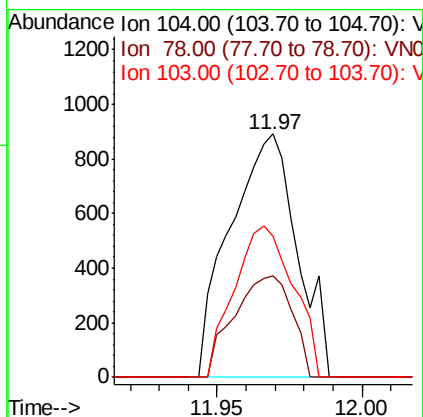
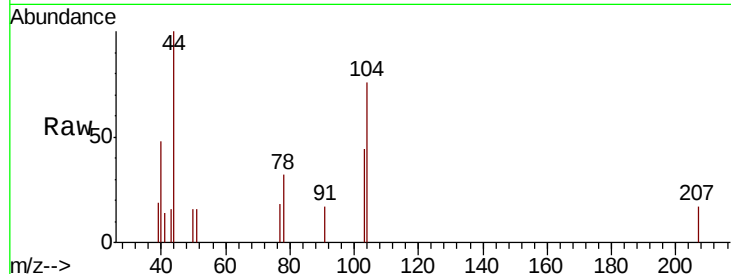




#70
Stvrene
Concen: 1.329 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.01 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

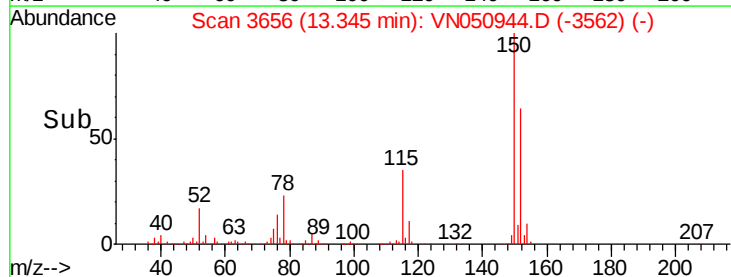
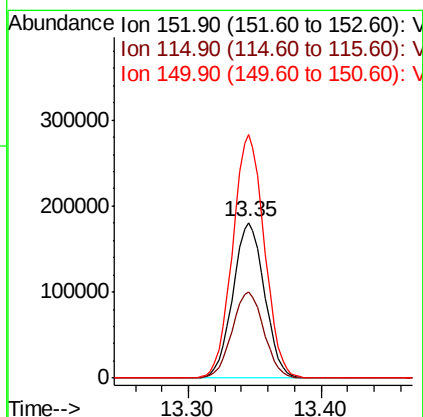
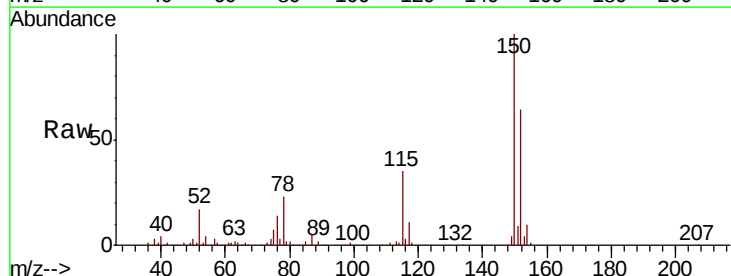
Instrument :
MSVOA_N
ClientSampleId :
PB112452TB

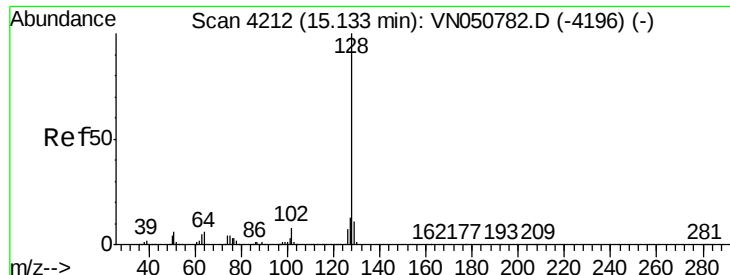
Tot Ion:104 Resp: 1436
Ion Ratio Lower Upper
104 100
78 36.1 38.2 57.4#
103 54.7 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

Tgt Ion:152 Resp: 299145
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 156.6 0.0 351.4





#95
Naphthalene
Concen: 6.104 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050944.D
Acq: 29 Aug 2018 12:24

Instrument :
MSVOA_N
ClientSampleId :
PB112452TB

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.5	15.7
129	9.8	8.7	13.1

