

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050704.D
 Acq On : 16 Aug 2018 16:21
 Operator : MD\SY
 Sample : PB112098ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112098ZHE#08

Quant Time: Aug 17 04:45:22 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	610607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1040427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	896098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	332042	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	430989	56.00	ug/l	0.00
Spiked Amount			Recovery	=	112.00%	
35) Dibromofluoromethane	7.59	113	400221	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
50) Toluene-d8	10.09	98	1410399	45.12	ug/l	0.00
Spiked Amount			Recovery	=	90.24%	
62) 4-Bromofluorobenzene	12.40	95	394720	38.22	ug/l	0.00
Spiked Amount			Recovery	=	76.44%	

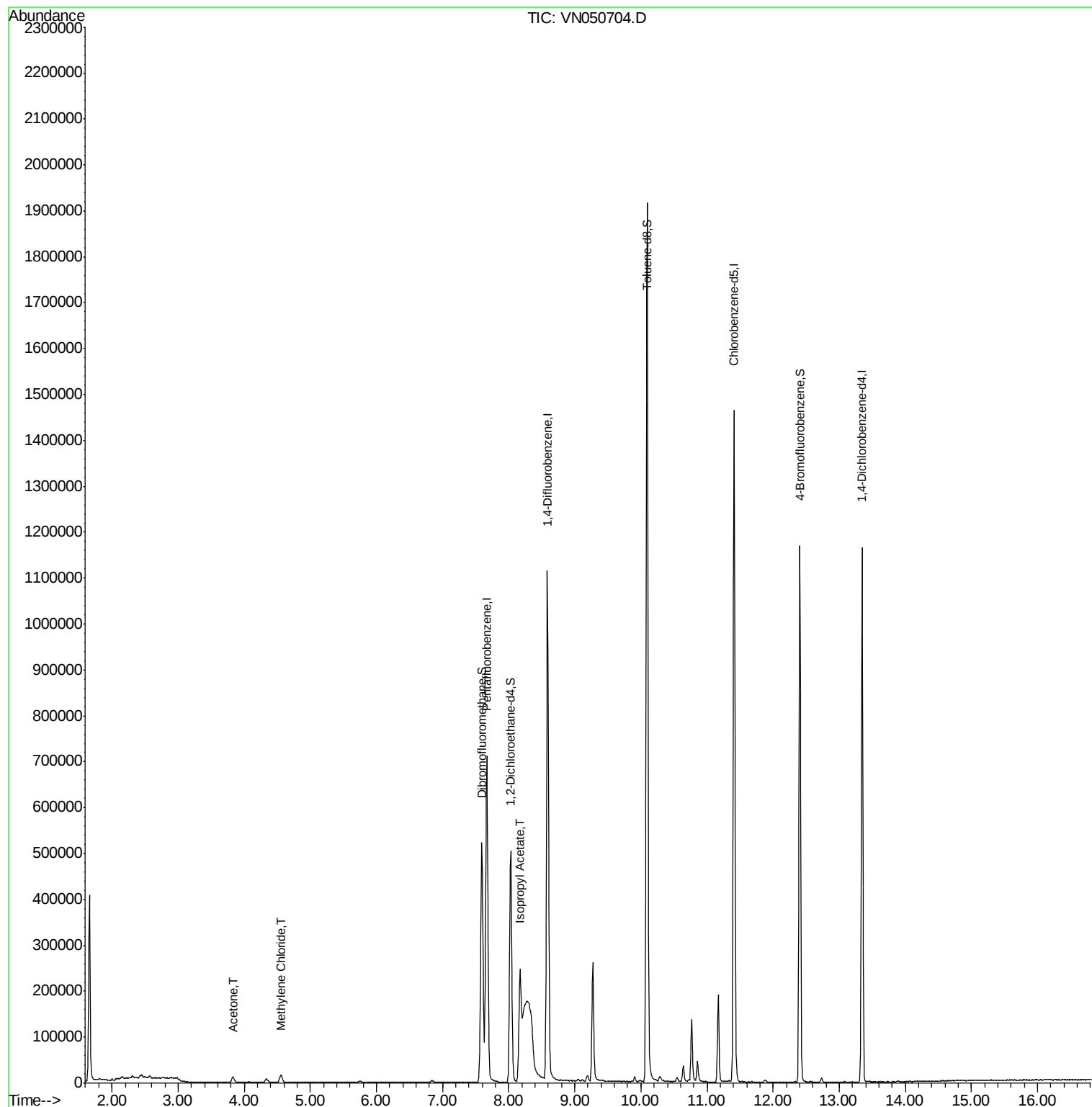
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	20352	9.19	ug/l	100
20) Methylene Chloride	4.55	84	12827	0.49	ug/l	98
43) Isopropyl Acetate	8.17	43	321031	26.91	ug/l #	92

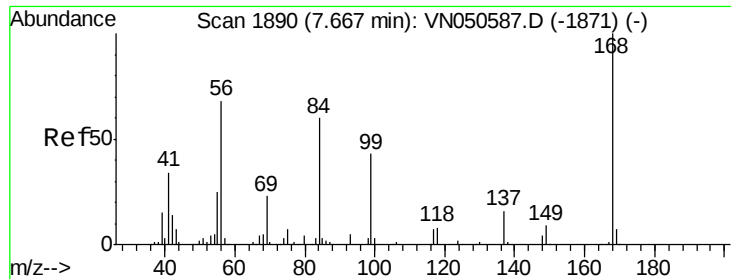
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050704.D

Acq: 16 Aug 2018 16:21

Instrument :

MSVOA_N

ClientSampleId :

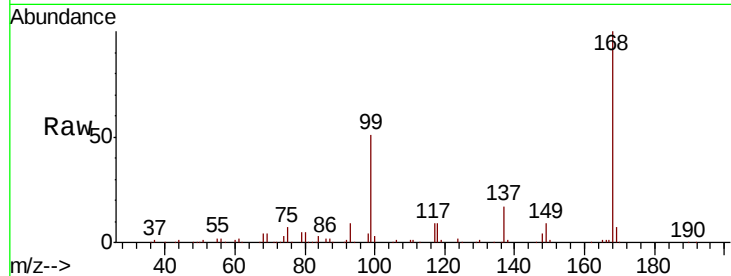
PB112098ZHE#08

Tot Ion:168 Resp: 610607

Ion Ratio Lower Upper

168 100

99 51.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050704.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050704.D (-1797) (-)

7.67

250000

200000

150000

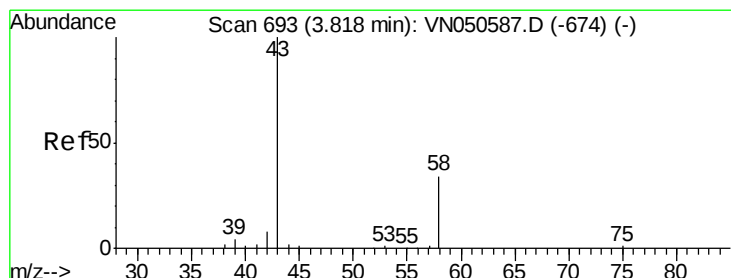
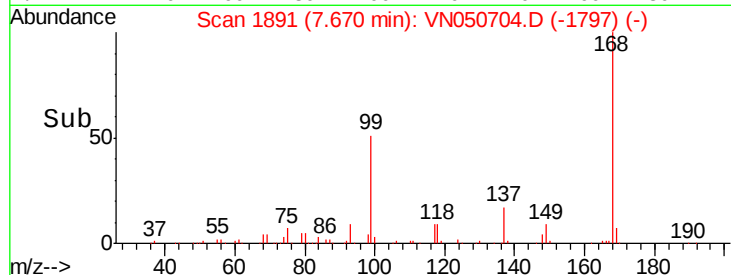
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 9.19 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050704.D

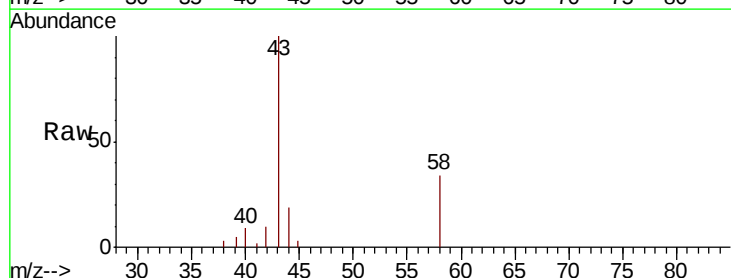
Acq: 16 Aug 2018 16:21

Tgt Ion: 43 Resp: 20352

Ion Ratio Lower Upper

43 100

58 33.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050704.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050704.D (-600) (-)

3.82

8000

6000

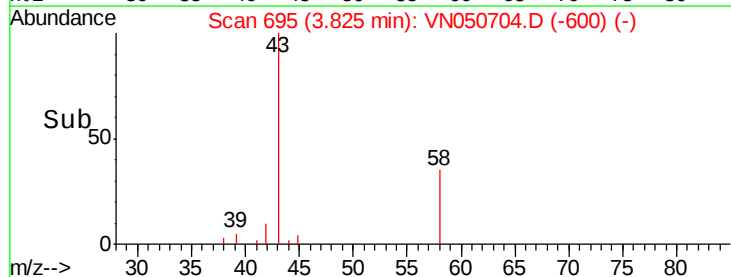
4000

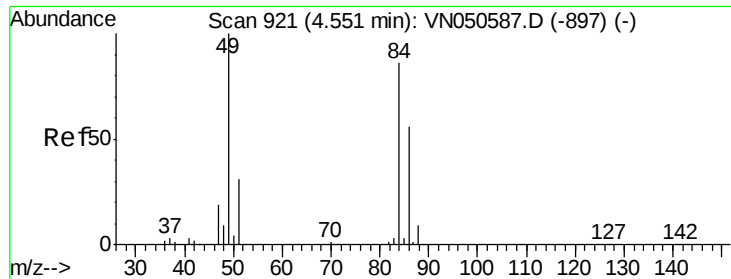
2000

0

3.75 3.80 3.85 3.90

Time-->

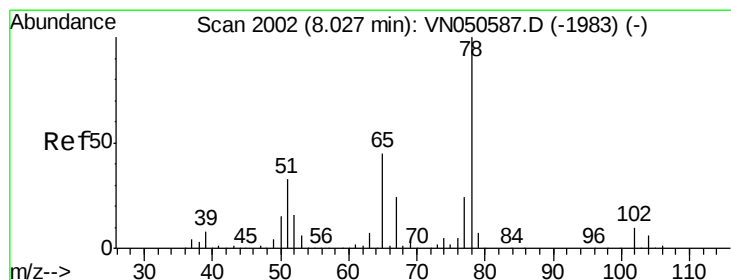
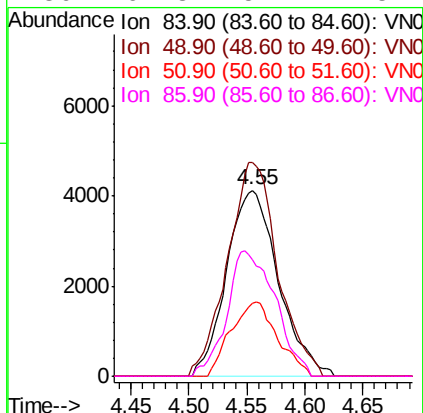
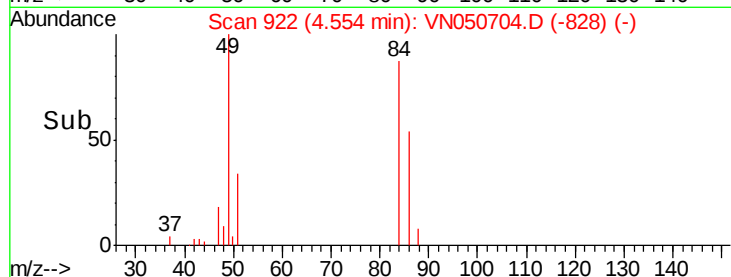
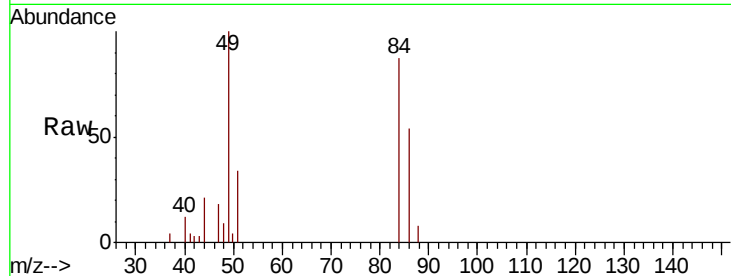




#20
Methvlene Chloride
Concen: 0.49 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050704.D
Acq: 16 Aug 2018 16:21

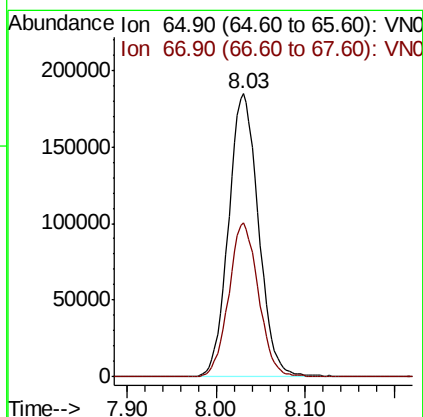
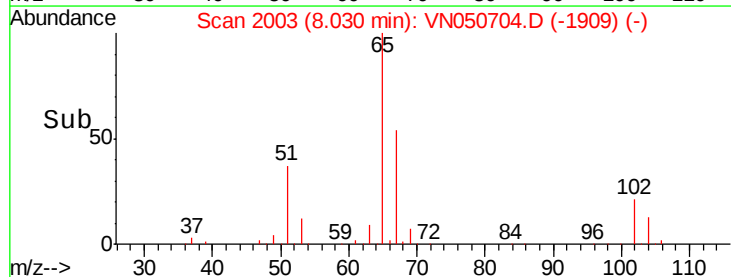
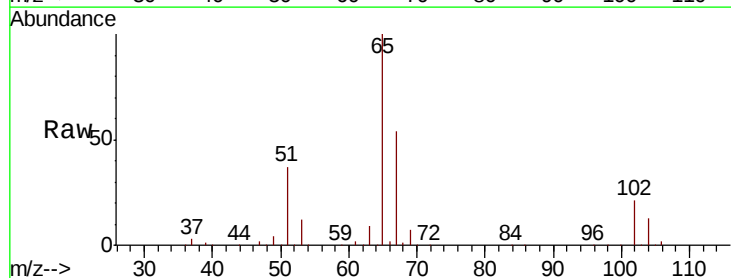
Instrument :
MSVOA_N
ClientSampleId :
PB112098ZHE#08

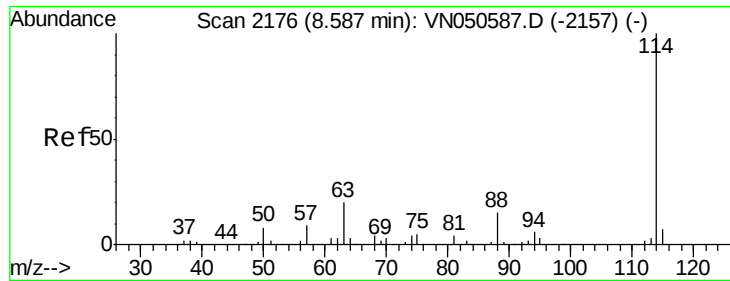
Tot Ion: 84 Resp: 12827
Ion Ratio Lower Upper
84 100
49 114.8 92.6 138.8
51 39.2 28.6 43.0
86 62.3 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 56.00 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050704.D
Acq: 16 Aug 2018 16:21

Tgt Ion: 65 Resp: 430989
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.8

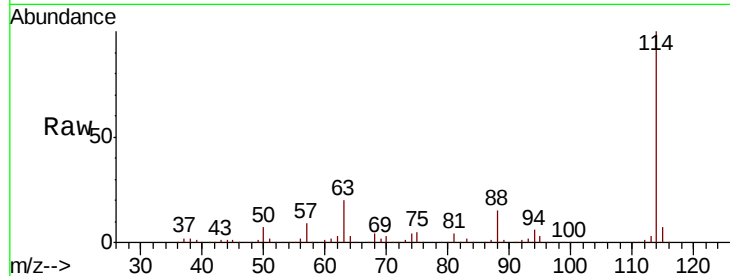




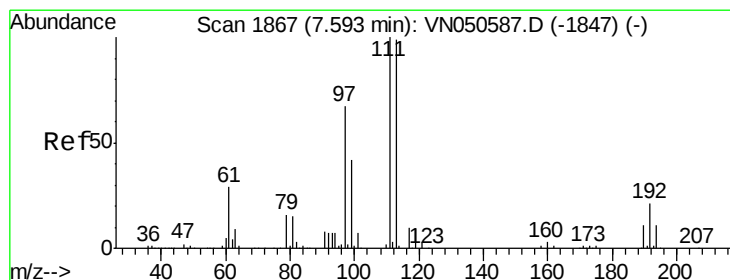
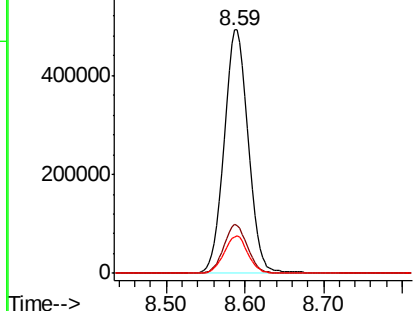
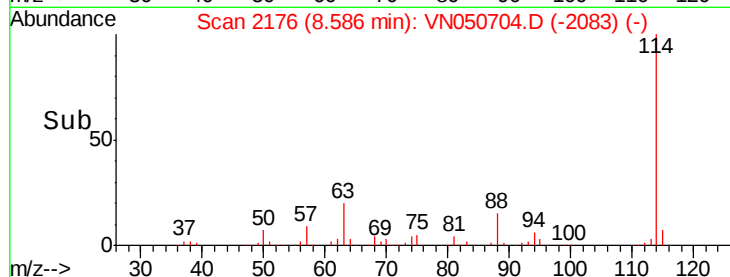
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050704.D
 Acq: 16 Aug 2018 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112098ZHE#08

Tot Ion:114 Resp: 1040427
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.1 0.0 30.8

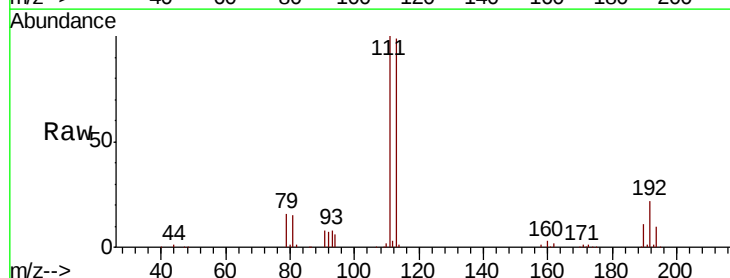


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

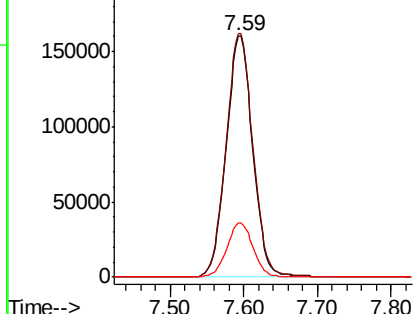
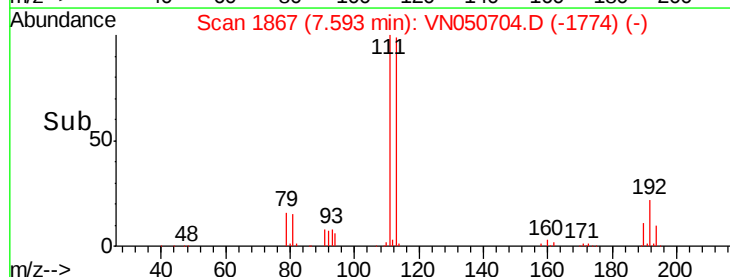


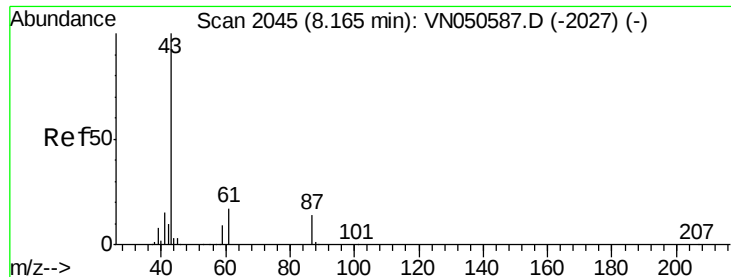
#35
 Dibromofluoromethane
 Concen: 48.18 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050704.D
 Acq: 16 Aug 2018 16:21

Tgt Ion:113 Resp: 400221
 Ion Ratio Lower Upper
 113 100
 111 102.6 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: 26.91 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.01 min

Lab File: VN050704.D

Acq: 16 Aug 2018 16:21

Instrument :

MSVOA_N

ClientSampleId :

PB112098ZHE#08

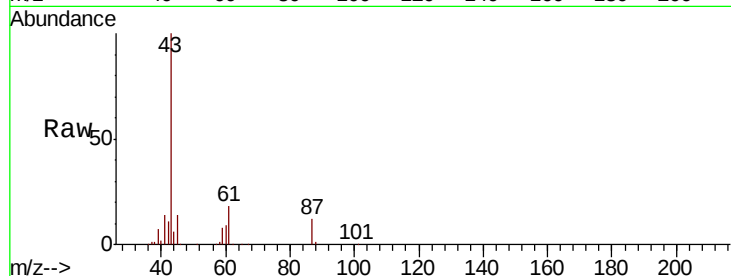
Tot Ion: 43 Resp: 321031

Ion Ratio Lower Upper

43 100

61 16.3 16.2 24.2

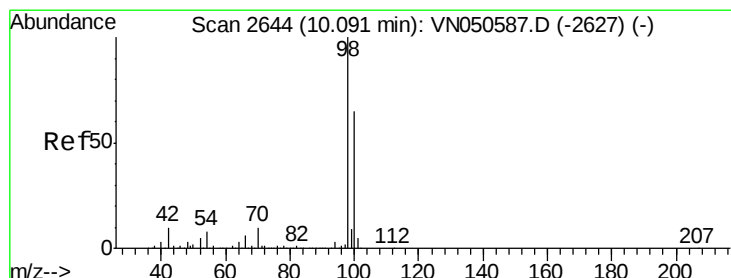
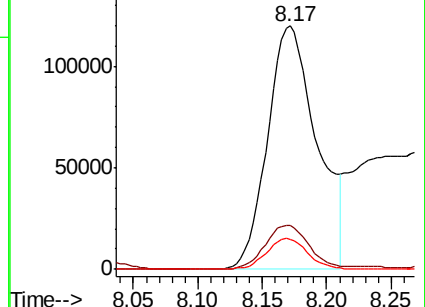
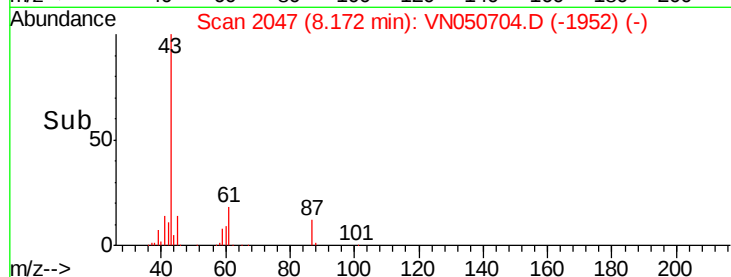
87 10.7 10.9 16.3#



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#50

Toluene-d8

Concen: 45.12 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050704.D

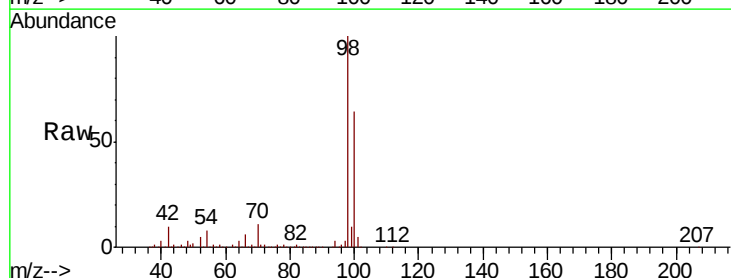
Acq: 16 Aug 2018 16:21

Tgt Ion: 98 Resp: 1410399

Ion Ratio Lower Upper

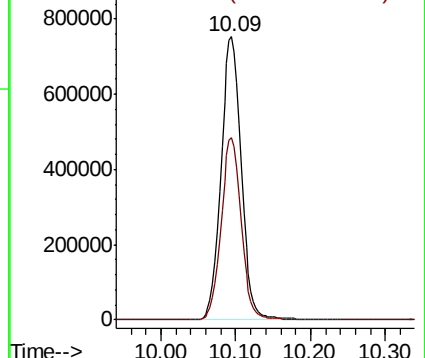
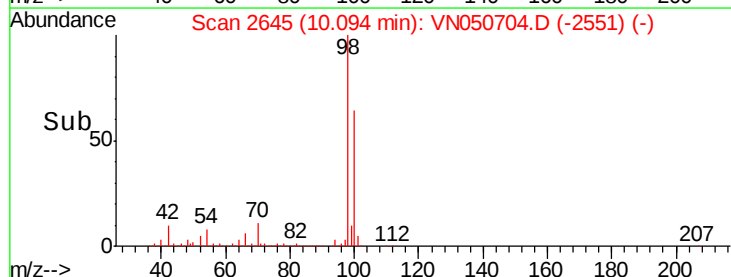
98 100

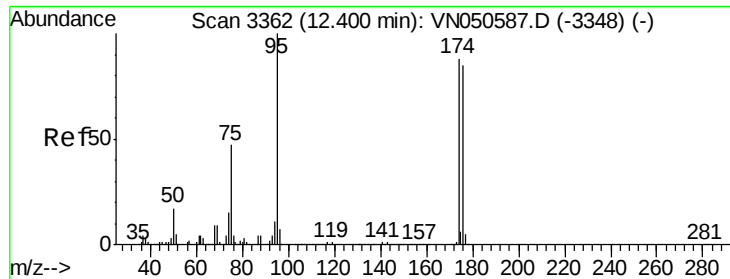
100 63.7 51.8 77.8



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

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





#62

4-Bromofluorobenzene

Concen: 38.22 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050704.D

Acq: 16 Aug 2018 16:21

Instrument :

MSVOA_N

ClientSampleId :

PB112098ZHE#08

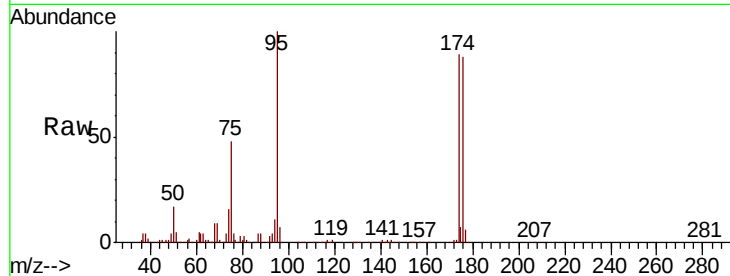
Tot Ion: 95 Resp: 394720

Ion Ratio Lower Upper

95 100

174 90.8 0.0 177.8

176 87.9 0.0 175.0

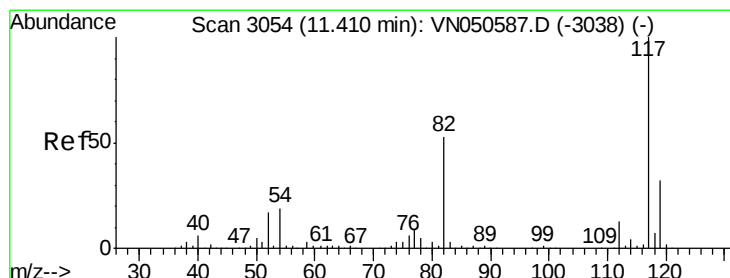
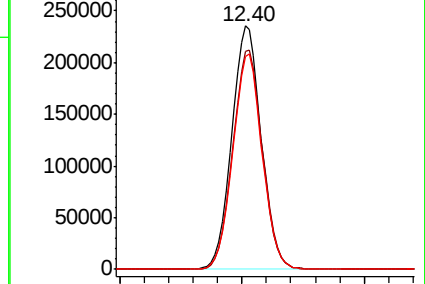
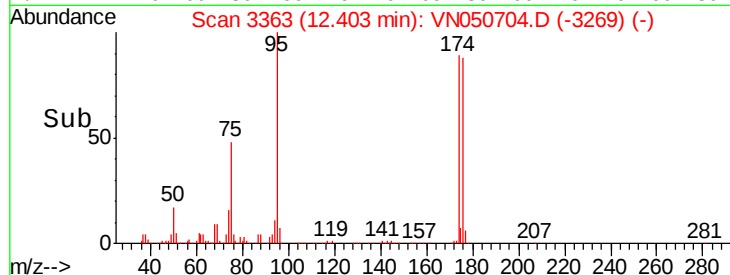


Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

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

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

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050704.D

Acq: 16 Aug 2018 16:21

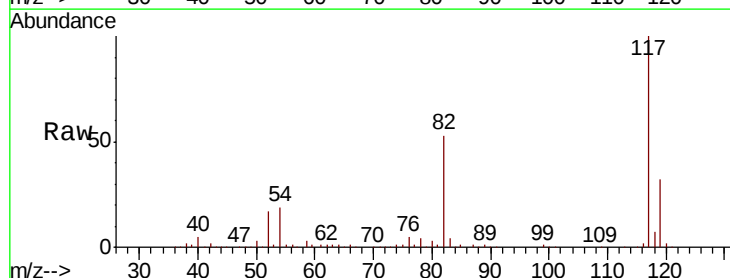
Tgt Ion: 117 Resp: 896098

Ion Ratio Lower Upper

117 100

82 53.2 42.4 63.6

119 32.2 25.8 38.8

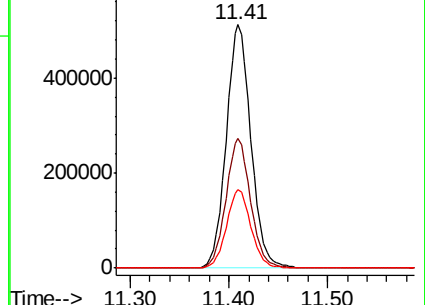
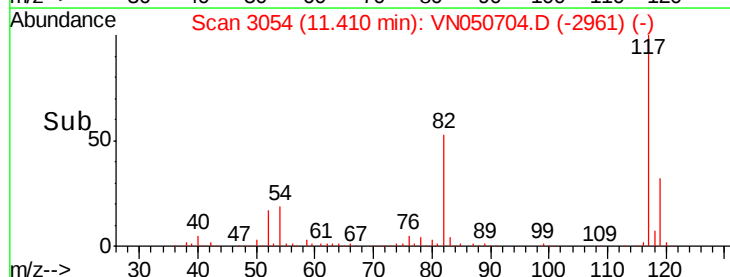


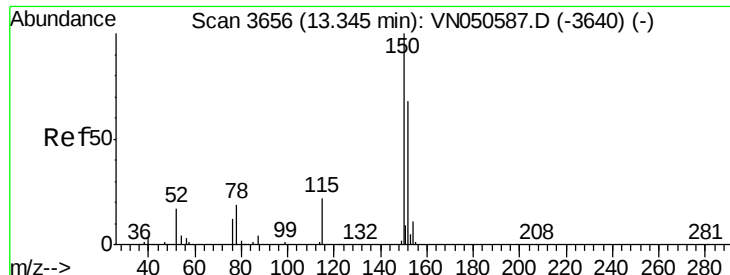
Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050587.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050587.D (-3038) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050704.D

Acq: 16 Aug 2018 16:21

Instrument :

MSVOA_N

ClientSampleId :

PB112098ZHE#08

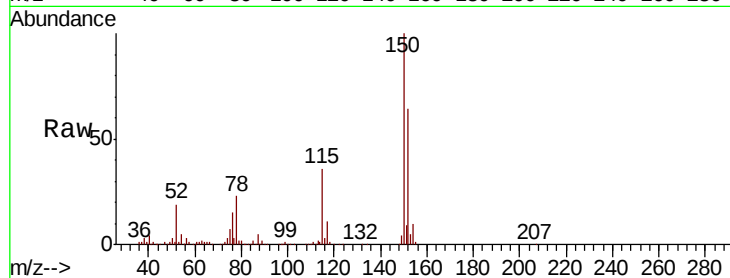
Tot Ion:152 Resp: 332042

Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.2

150 156.1 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

