

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049522.D
 Acq On : 25 Jun 2018 20:12
 Operator : MD\SY
 Sample : PB110537ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#07

Quant Time: Jun 26 02:25:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1125031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1793536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1458174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	362774	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	767485	51.43	ug/l	0.00
Spiked Amount						
			Recovery	=	102.86%	
35) Dibromofluoromethane	7.59	113	677783	46.71	ug/l	0.00
Spiked Amount						
			Recovery	=	93.42%	
50) Toluene-d8	10.09	98	2421841	43.83	ug/l	0.00
Spiked Amount						
			Recovery	=	87.66%	
62) 4-Bromofluorobenzene	12.41	95	574005	31.42	ug/l	0.00
Spiked Amount						
			Recovery	=	62.84%	

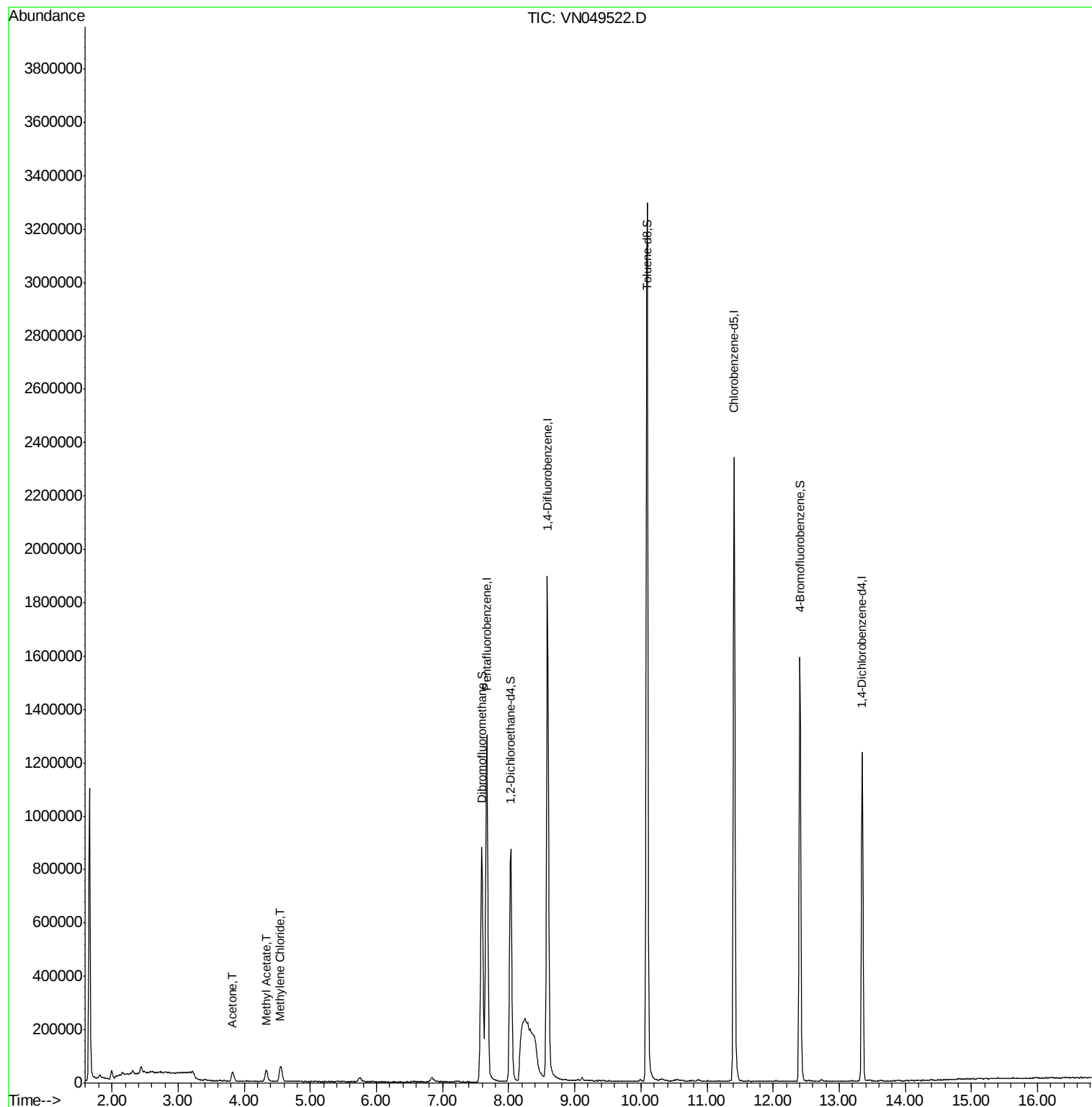
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	56203	15.51	ug/l	92
18) Methyl Acetate	4.33	43	81855	7.41	ug/l	92
20) Methylene Chloride	4.55	84	43913	2.90	ug/l	94

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049522.D

Acq: 25 Jun 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

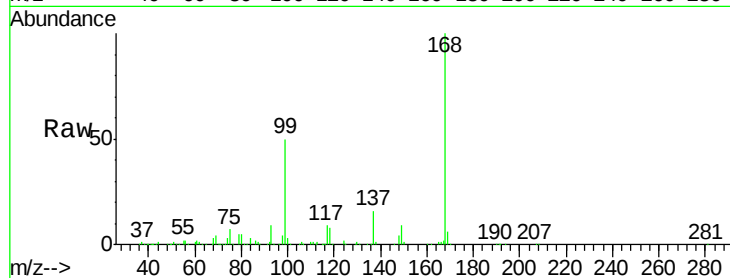
PB110537ZHE#07

Tot Ion:168 Resp: 1125031

Ion Ratio Lower Upper

168 100

99 50.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

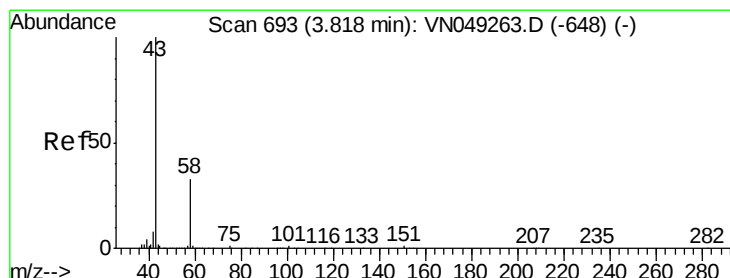
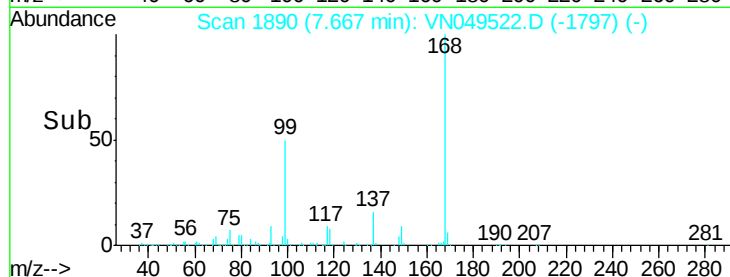
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 15.51 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049522.D

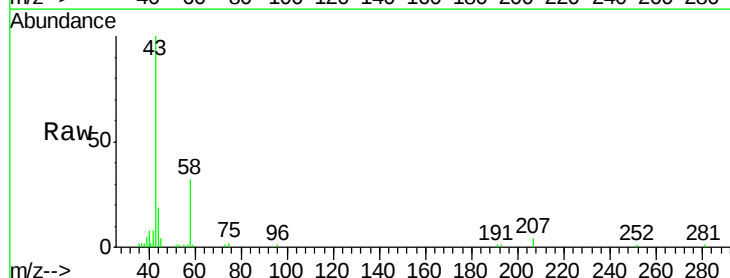
Acq: 25 Jun 2018 20:12

Tgt Ion: 43 Resp: 56203

Ion Ratio Lower Upper

43 100

58 32.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

20000

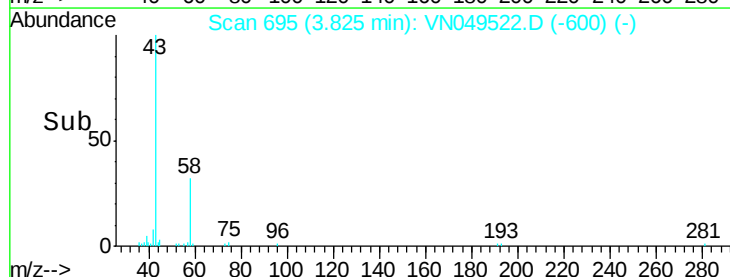
15000

10000

5000

0

Time-->

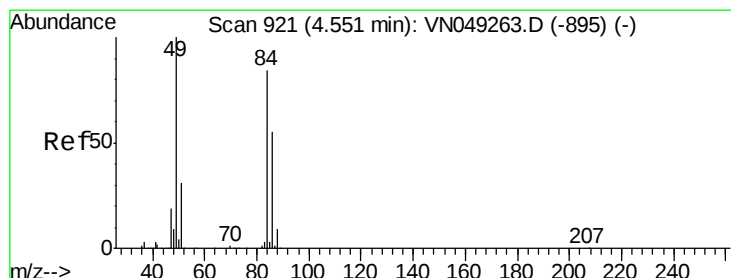
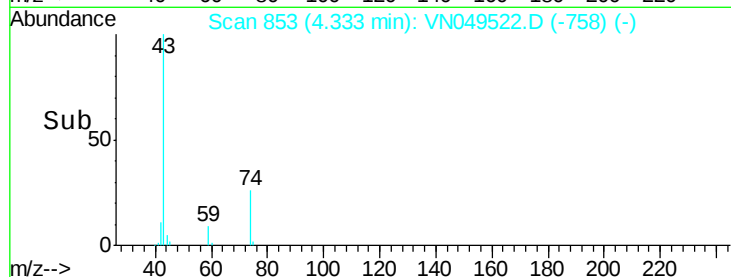
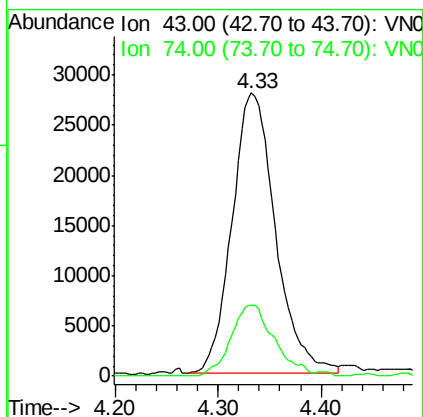
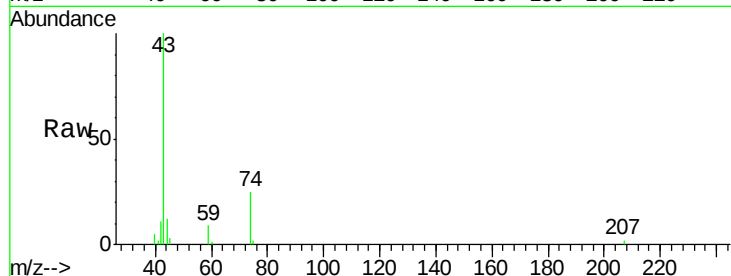




#18
Methvl Acetate
Concen: 7.41 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049522.D
Acq: 25 Jun 2018 20:12

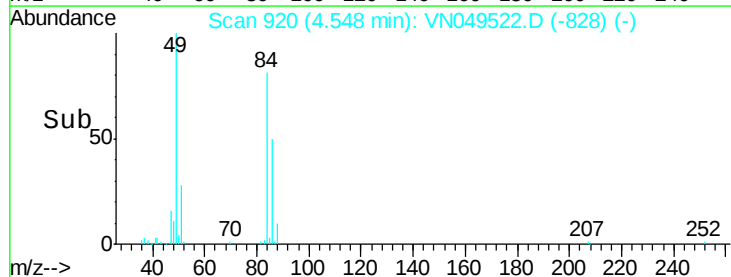
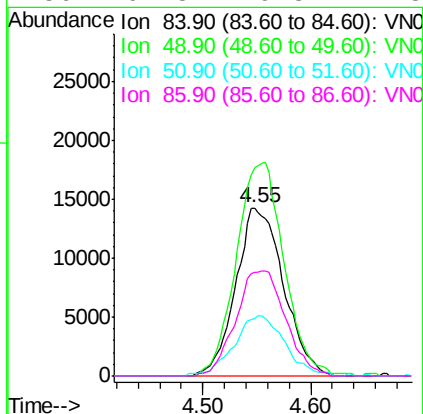
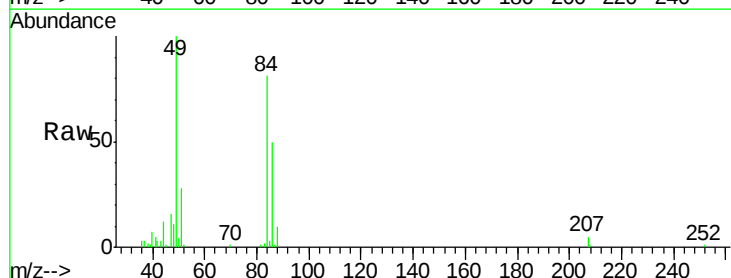
Instrument :
MSVOA_N
ClientSampleId :
PB110537ZHE#07

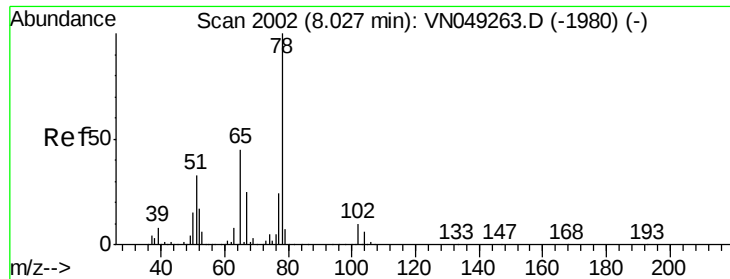
Tot Ion: 43 Resp: 81855
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0



#20
Methylene Chloride
Concen: 2.90 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049522.D
Acq: 25 Jun 2018 20:12

Tgt Ion: 84 Resp: 43913
Ion Ratio Lower Upper
84 100
49 124.1 106.9 160.3
51 34.6 32.7 49.1
86 61.8 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 51.43 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049522.D

Acq: 25 Jun 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

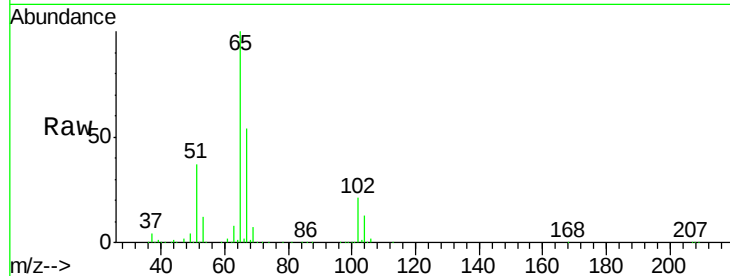
PB110537ZHE#07

Tot Ion: 65 Resp: 767485

Ion Ratio Lower Upper

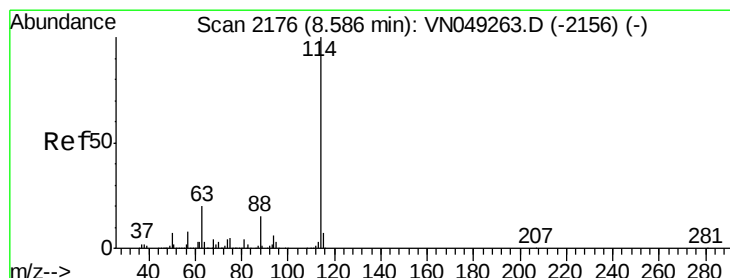
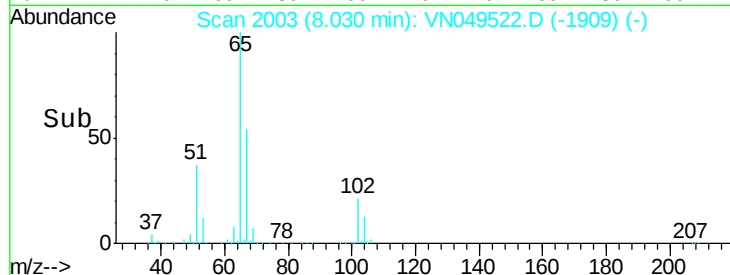
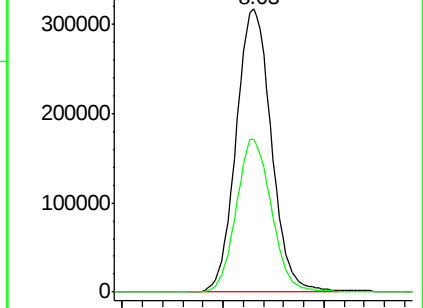
65 100

67 54.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049522.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049522.D (-1980) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049522.D

Acq: 25 Jun 2018 20:12

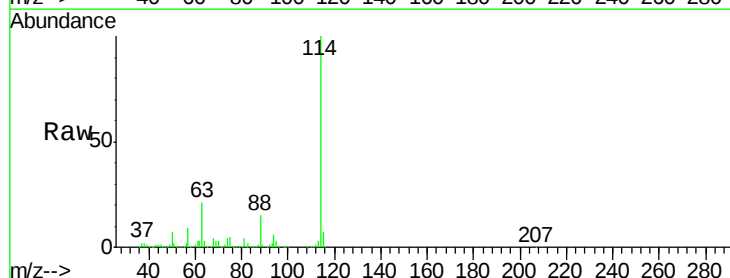
Tgt Ion: 114 Resp: 1793536

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.4

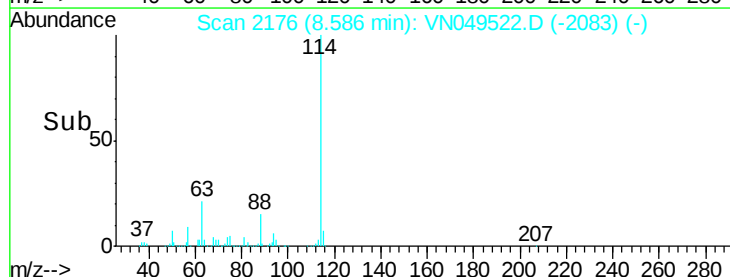
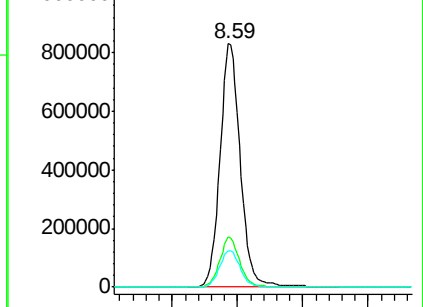
88 15.1 0.0 31.4

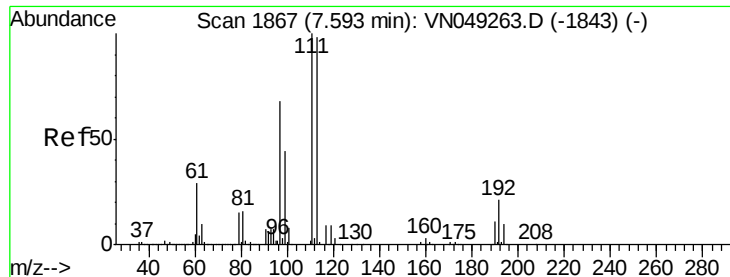


Abundance Ion 113.90 (113.60 to 114.60): VN049522.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049522.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049522.D (-2083) (-)

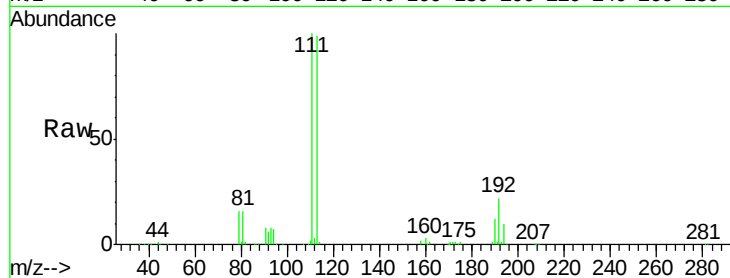




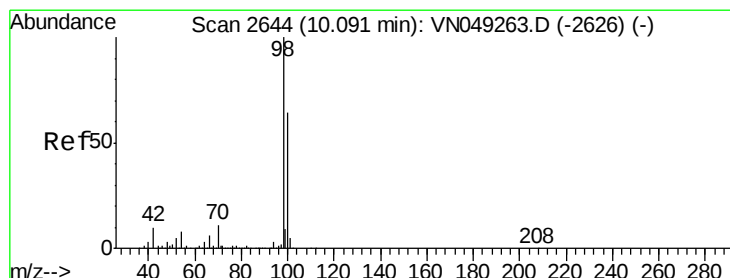
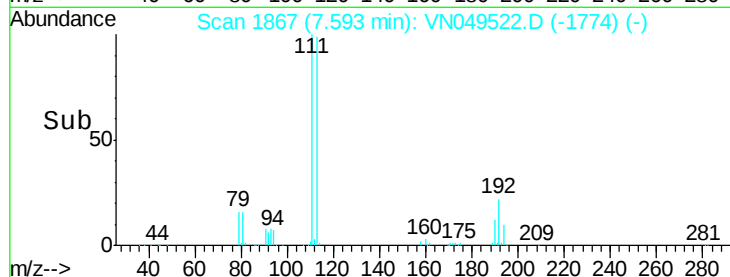
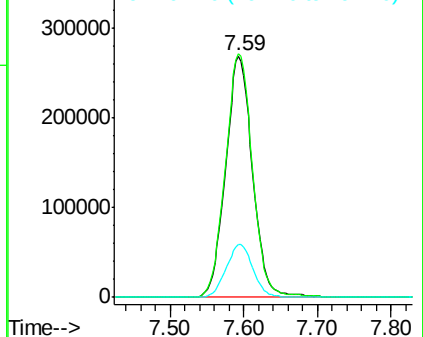
#35
 Dibromofluoromethane
 Concen: 46.71 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049522.D
 Acq: 25 Jun 2018 20:12

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#07

Tot Ion:113 Resp: 677783
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.4 123.6
 192 21.8 15.0 22.6

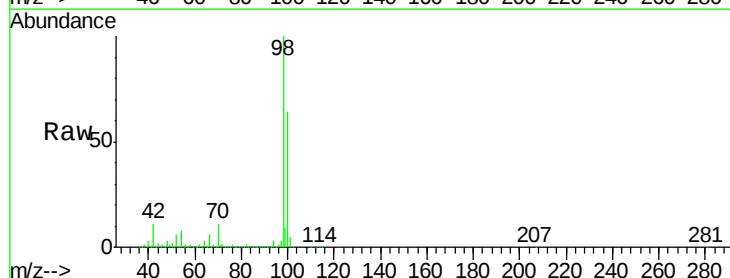


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

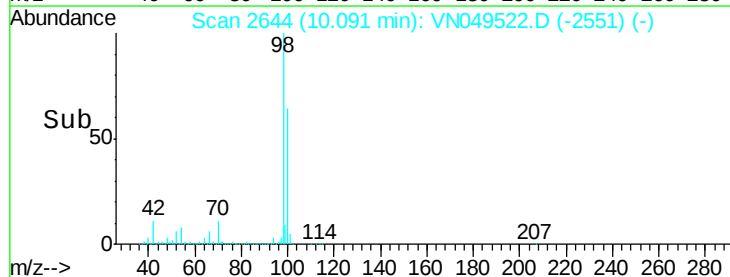
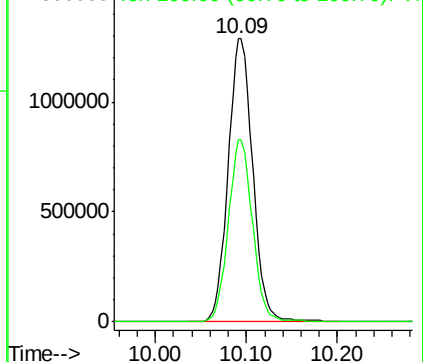


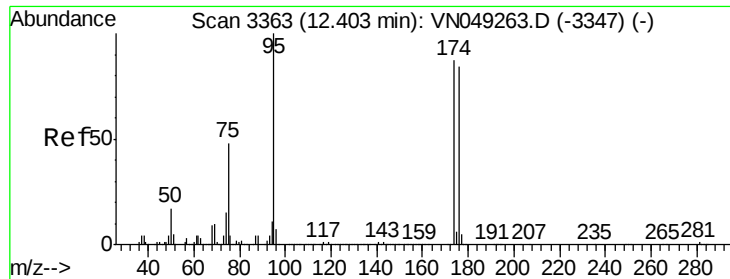
#50
 Toluene-d8
 Concen: 43.83 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049522.D
 Acq: 25 Jun 2018 20:12

Tgt Ion: 98 Resp: 2421841
 Ion Ratio Lower Upper
 98 100
 100 63.4 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 31.42 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049522.D

Acq: 25 Jun 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#07

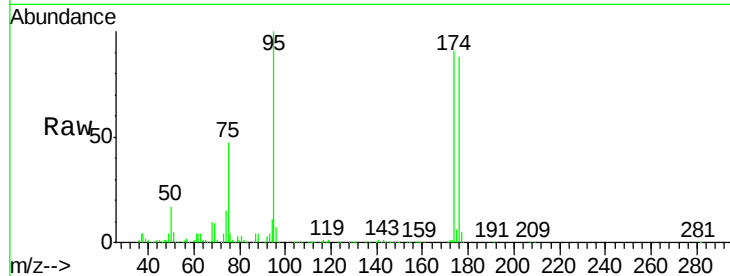
Tot Ion: 95 Resp: 574005

Ion Ratio Lower Upper

95 100

174 89.7 0.0 165.6

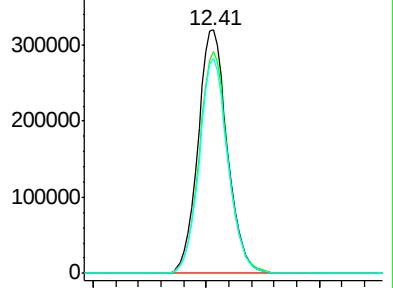
176 86.5 0.0 157.4



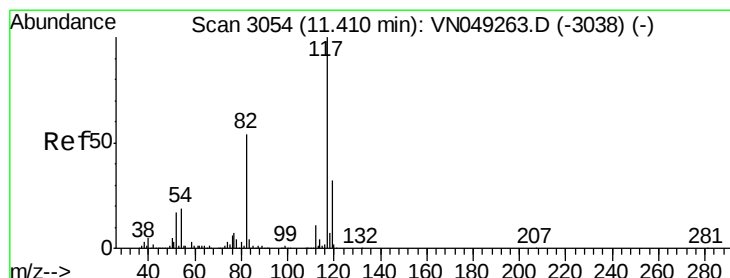
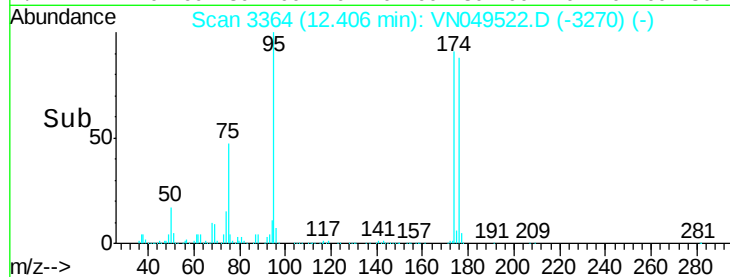
Abundance Ion 94.90 (94.60 to 95.60): VN049522.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049522.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049522.D (-3347) (-)



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: VN049522.D

Acq: 25 Jun 2018 20:12

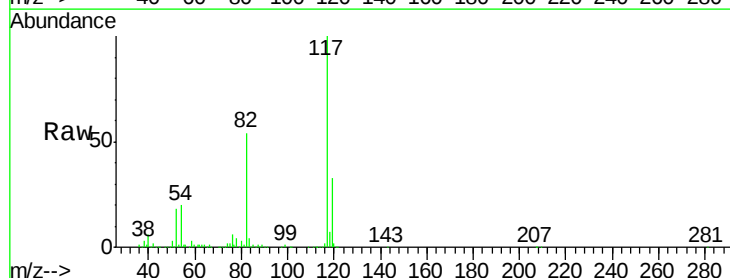
Tgt Ion: 117 Resp: 1458174

Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

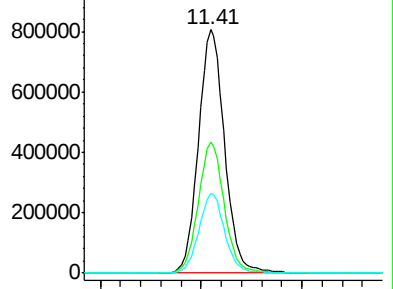
119 32.7 25.5 38.3



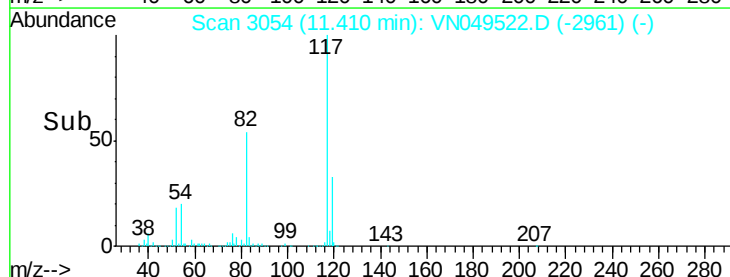
Abundance Ion 116.90 (116.60 to 117.60): VN049522.D (-2961) (-)

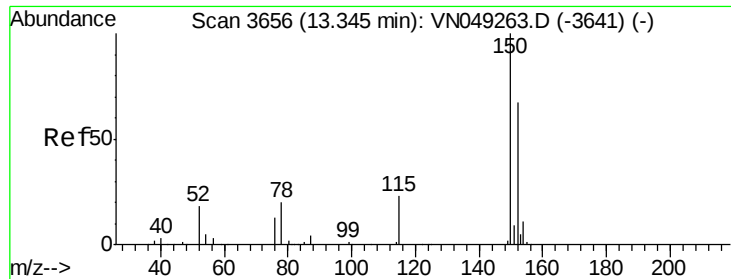
Ion 82.00 (81.70 to 82.70): VN049522.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049522.D (-2961) (-)



Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049522.D

Acq: 25 Jun 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#07

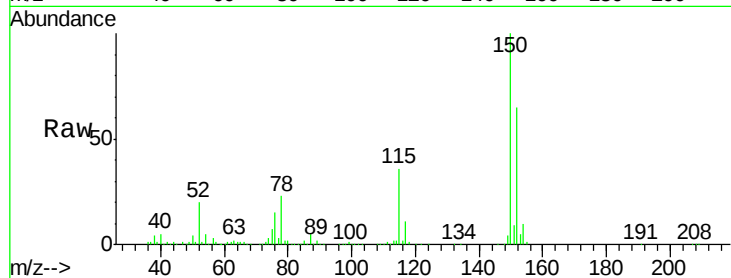
Tot Ion:152 Resp: 362774

Ion Ratio Lower Upper

152 100

115 56.1 28.7 86.1

150 154.5 0.0 351.0



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

