

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049520.D
 Acq On : 25 Jun 2018 19:21
 Operator : MD\SY
 Sample : PB110537ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#05

Quant Time: Jun 26 02:20:11 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	1182789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1880988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1539816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	396979	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	802686	51.17	ug/l	0.00
Spiked Amount						
			Recovery	=	102.34%	
35) Dibromofluoromethane	7.59	113	696910	45.80	ug/l	0.00
Spiked Amount						
			Recovery	=	91.60%	
50) Toluene-d8	10.09	98	2557508	44.14	ug/l	0.00
Spiked Amount						
			Recovery	=	88.28%	
62) 4-Bromofluorobenzene	12.41	95	616500	32.18	ug/l	0.00
Spiked Amount						
			Recovery	=	64.36%	

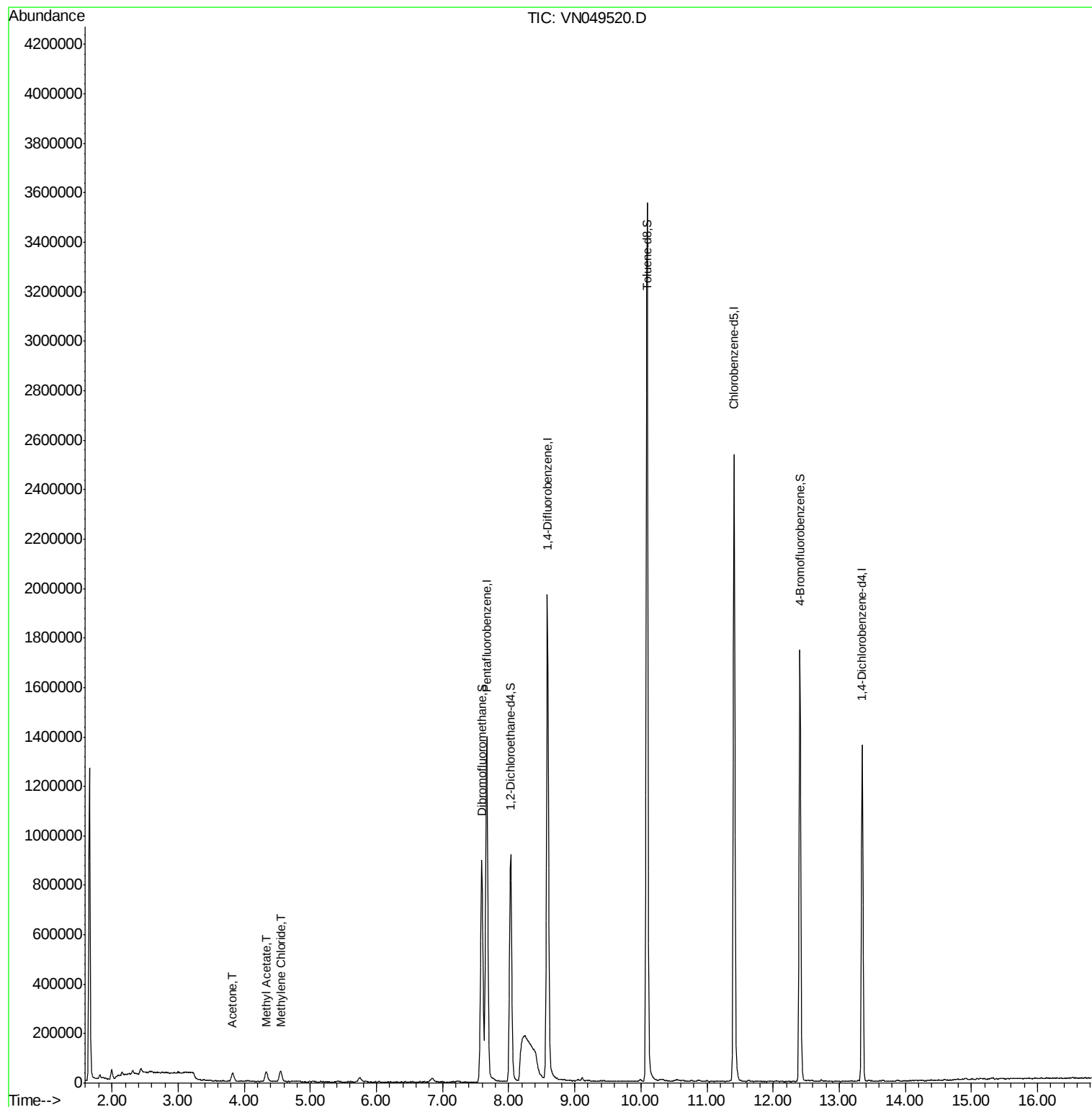
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	57922	15.21	ug/l	99
18) Methyl Acetate	4.33	43	75674	6.52	ug/l	92
20) Methylene Chloride	4.55	84	32512	2.04	ug/l	89

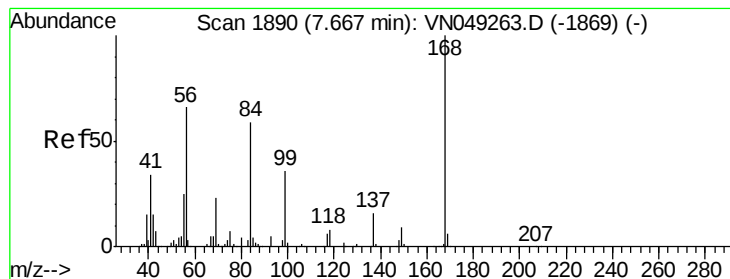
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049520.D

Acq: 25 Jun 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

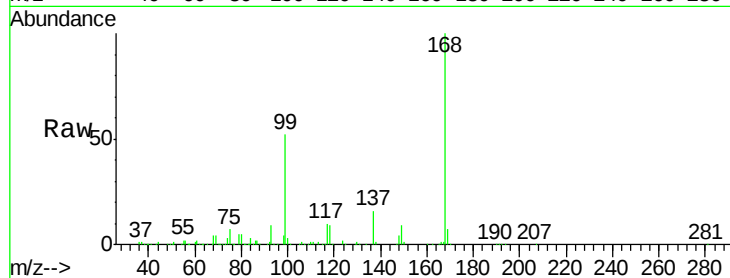
PB110537ZHE#05

Tot Ion:168 Resp: 1182789

Ion Ratio Lower Upper

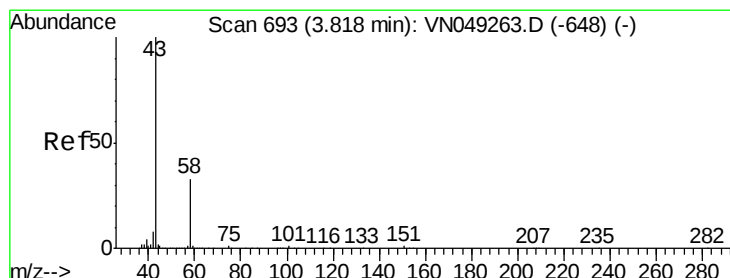
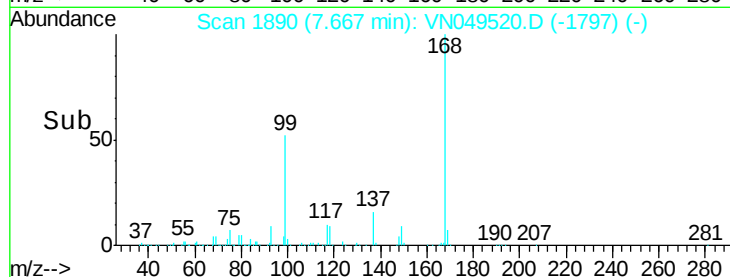
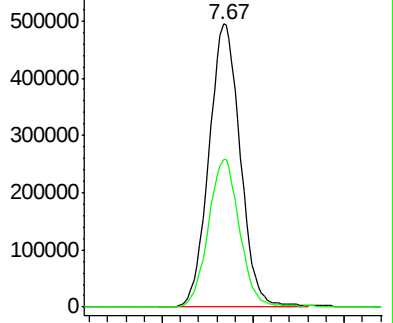
168 100

99 52.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 15.21 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049520.D

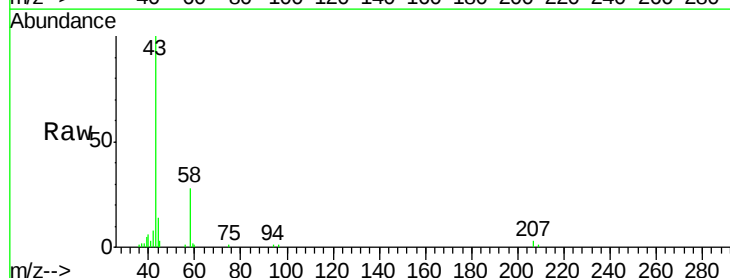
Acq: 25 Jun 2018 19:21

Tgt Ion: 43 Resp: 57922

Ion Ratio Lower Upper

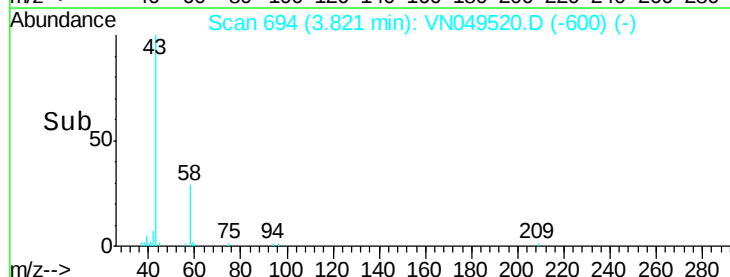
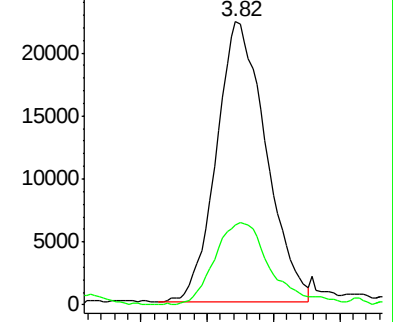
43 100

58 28.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

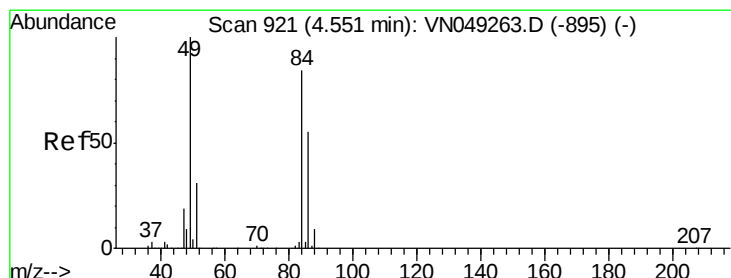
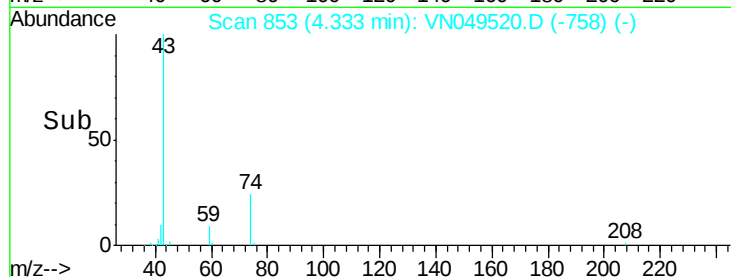
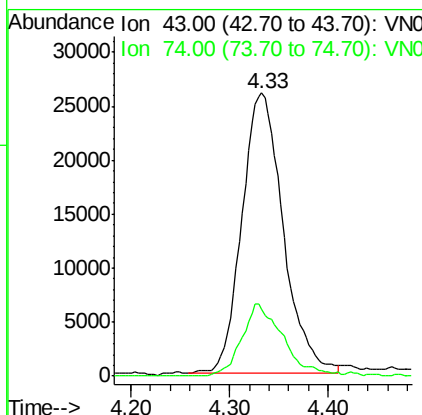
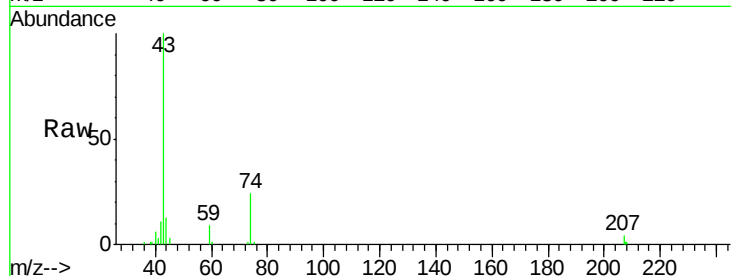




#18
Methvl Acetate
Concen: 6.52 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049520.D
Acq: 25 Jun 2018 19:21

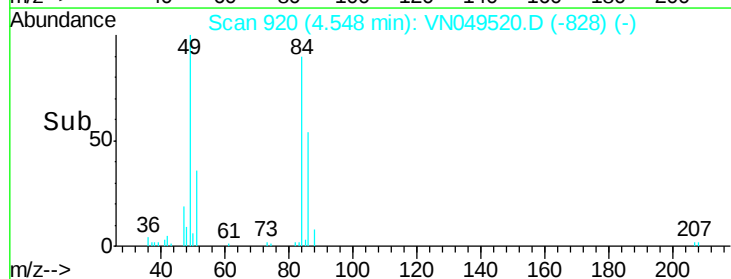
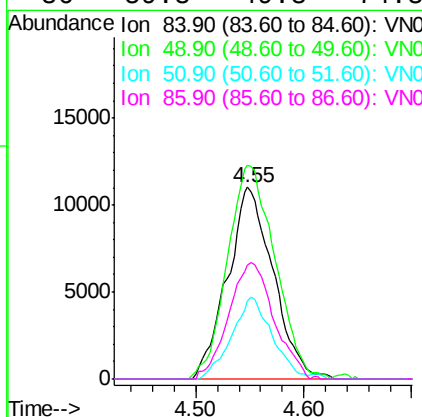
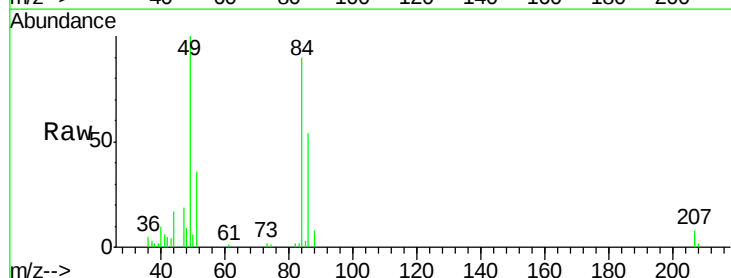
Instrument :
MSVOA_N
ClientSampleId :
PB110537ZHE#05

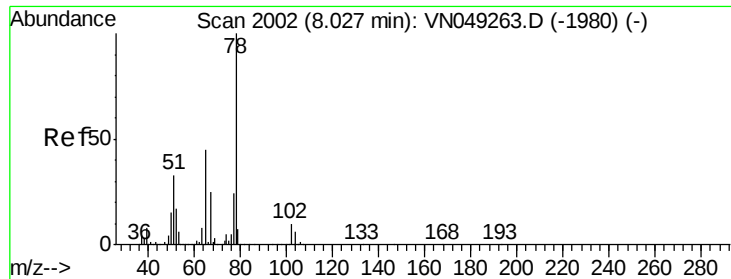
Tot Ion: 43 Resp: 75674
Ion Ratio Lower Upper
43 100
74 25.6 17.4 26.0



#20
Methylene Chloride
Concen: 2.04 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049520.D
Acq: 25 Jun 2018 19:21

Tgt Ion: 84 Resp: 32512
Ion Ratio Lower Upper
84 100
49 111.5 106.9 160.3
51 40.6 32.7 49.1
86 59.8 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 51.17 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049520.D

Acq: 25 Jun 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

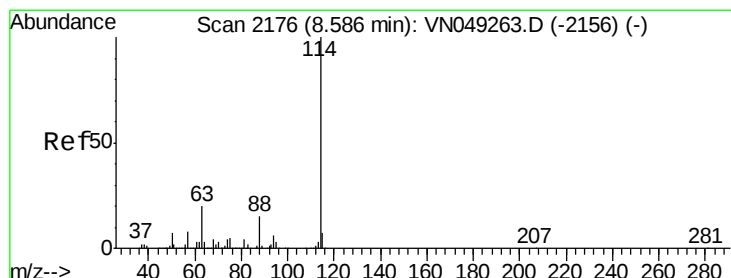
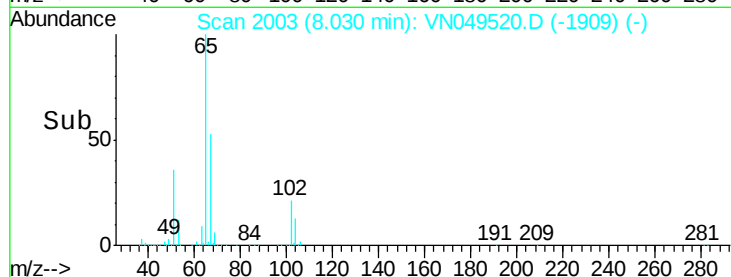
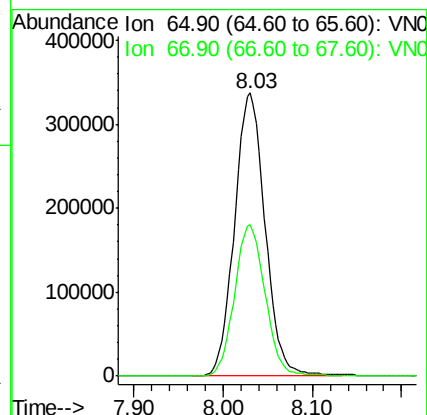
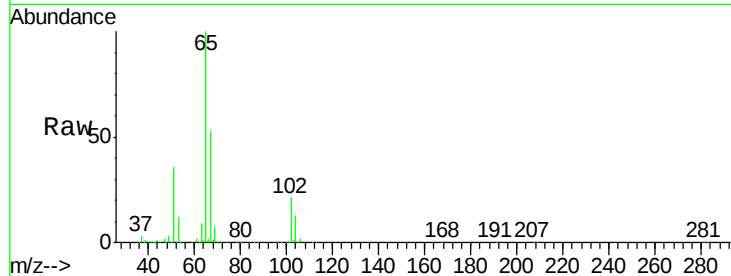
PB110537ZHE#05

Tot Ion: 65 Resp: 802686

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049520.D

Acq: 25 Jun 2018 19:21

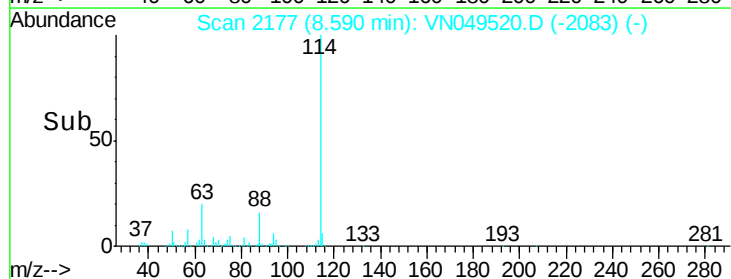
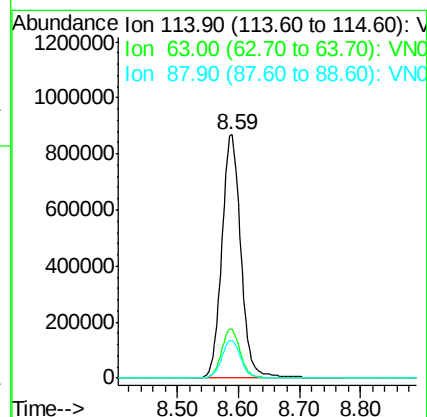
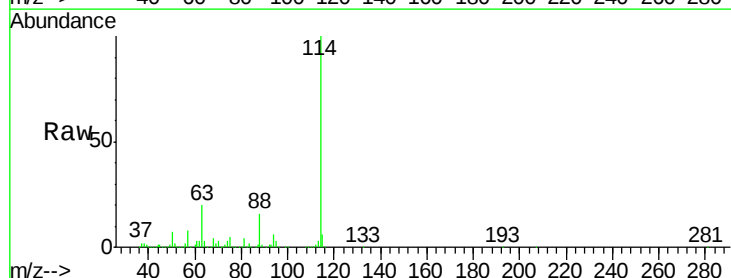
Tgt Ion: 114 Resp: 1880988

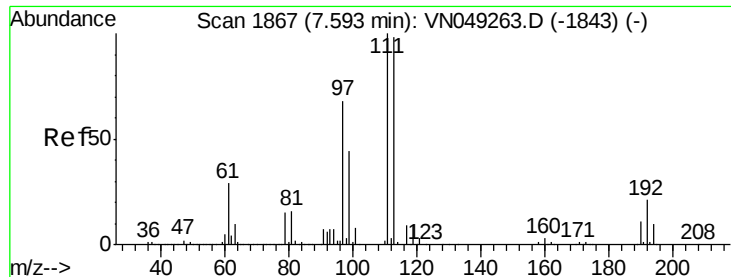
Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

88 15.6 0.0 31.4

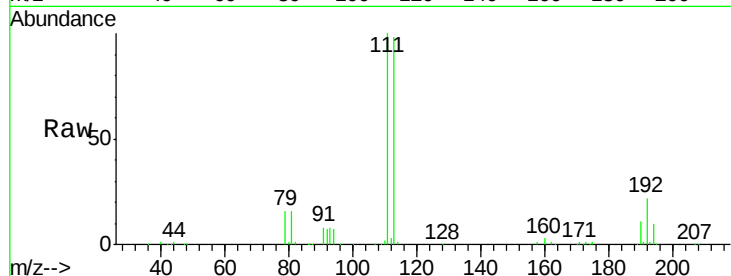




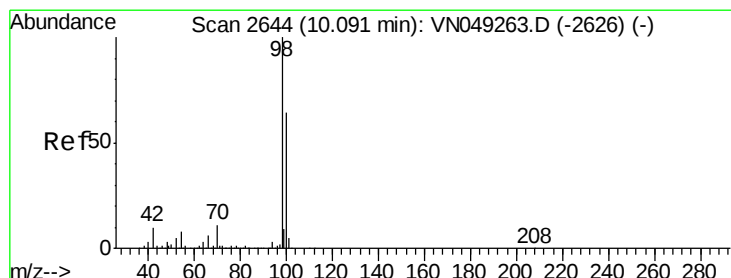
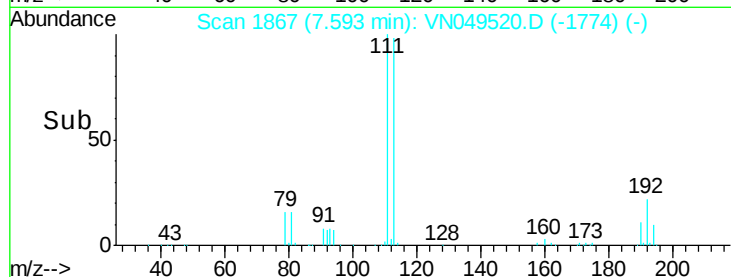
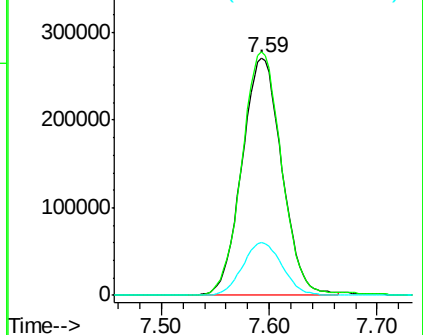
#35
 Dibromofluoromethane
 Concen: 45.80 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049520.D
 Acq: 25 Jun 2018 19:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#05

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	22.2	15.0	22.6

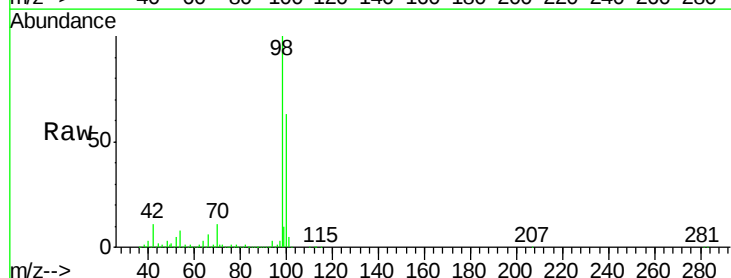


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

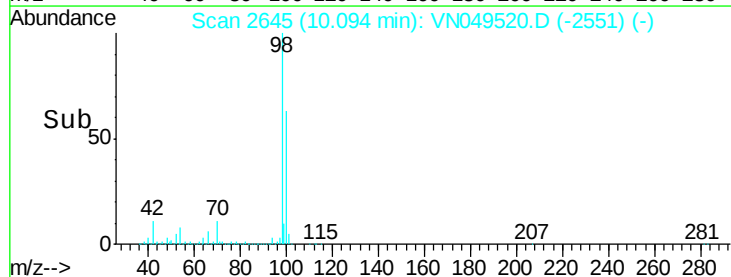
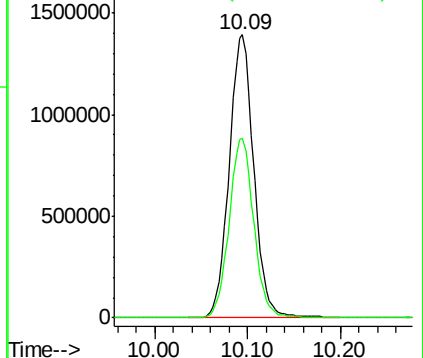


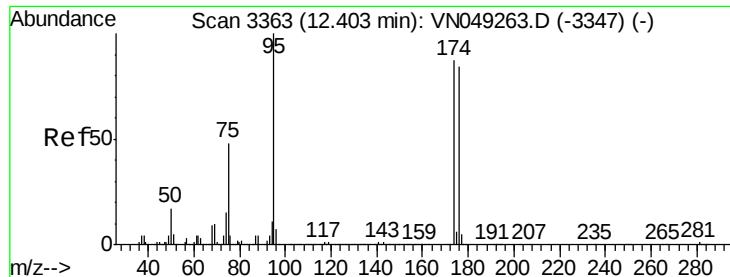
#50
 Toluene-d8
 Concen: 44.14 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049520.D
 Acq: 25 Jun 2018 19:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	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: 32.18 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049520.D

Acq: 25 Jun 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#05

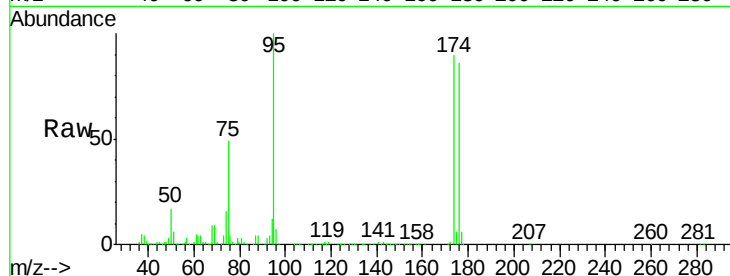
Tot Ion: 95 Resp: 616500

Ion Ratio Lower Upper

95 100

174 90.2 0.0 165.6

176 86.2 0.0 157.4

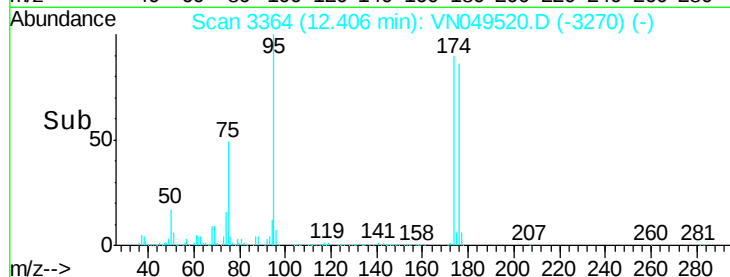


Abundance Ion 94.90 (94.60 to 95.60): VN049520.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049520.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049520.D (-3347) (-)

Time--> 12.30 12.40 12.50

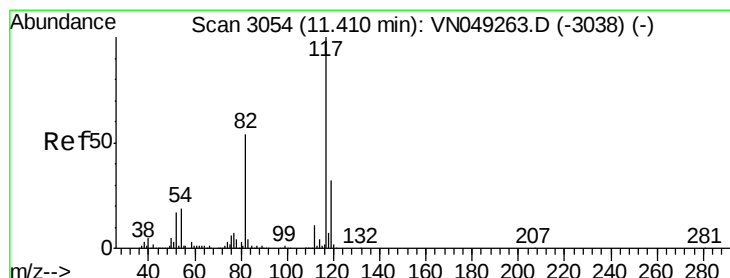


Abundance Ion 94.90 (94.60 to 95.60): VN049520.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049520.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049520.D (-3270) (-)

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: VN049520.D

Acq: 25 Jun 2018 19:21

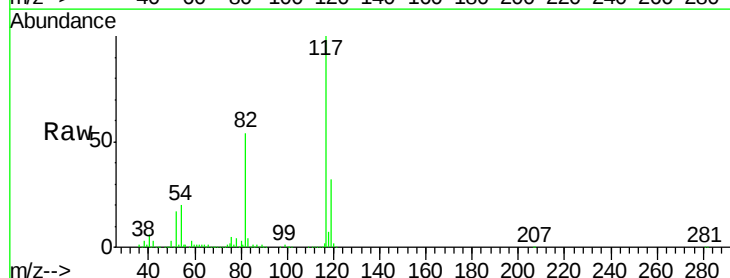
Tgt Ion: 117 Resp: 1539816

Ion Ratio Lower Upper

117 100

82 53.9 45.9 68.9

119 32.2 25.5 38.3

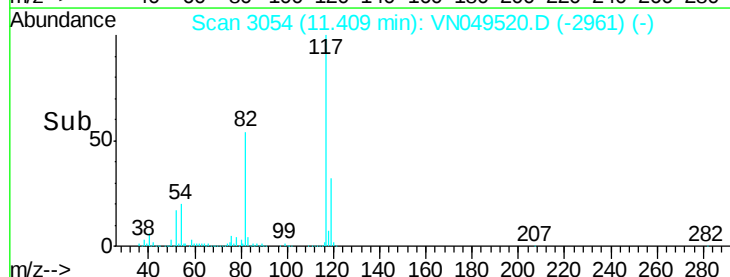


Abundance Ion 116.90 (116.60 to 117.60): VN049520.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049520.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049520.D (-3038) (-)

Time--> 11.30 11.40 11.50

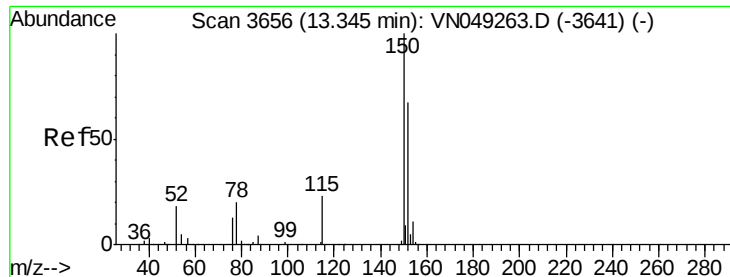


Abundance Ion 116.90 (116.60 to 117.60): VN049520.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049520.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049520.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: VN049520.D

Acq: 25 Jun 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#05

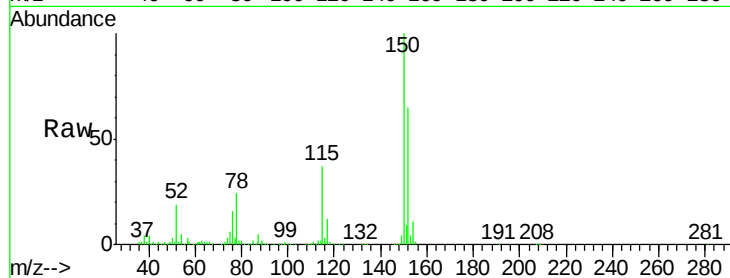
Tot Ion:152 Resp: 396979

Ion Ratio Lower Upper

152 100

115 56.4 28.7 86.1

150 156.2 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

