

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049523.D
 Acq On : 25 Jun 2018 20:38
 Operator : MD\SY
 Sample : PB110537ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#08

Quant Time: Jun 26 02:27:50 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	1111725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1773987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1451903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	375348	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	755161	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
35) Dibromofluoromethane	7.59	113	674701	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	
50) Toluene-d8	10.09	98	2387217	43.68	ug/l	0.00
Spiked Amount			Recovery	=	87.36%	
62) 4-Bromofluorobenzene	12.41	95	582696	32.25	ug/l	0.00
Spiked Amount			Recovery	=	64.50%	

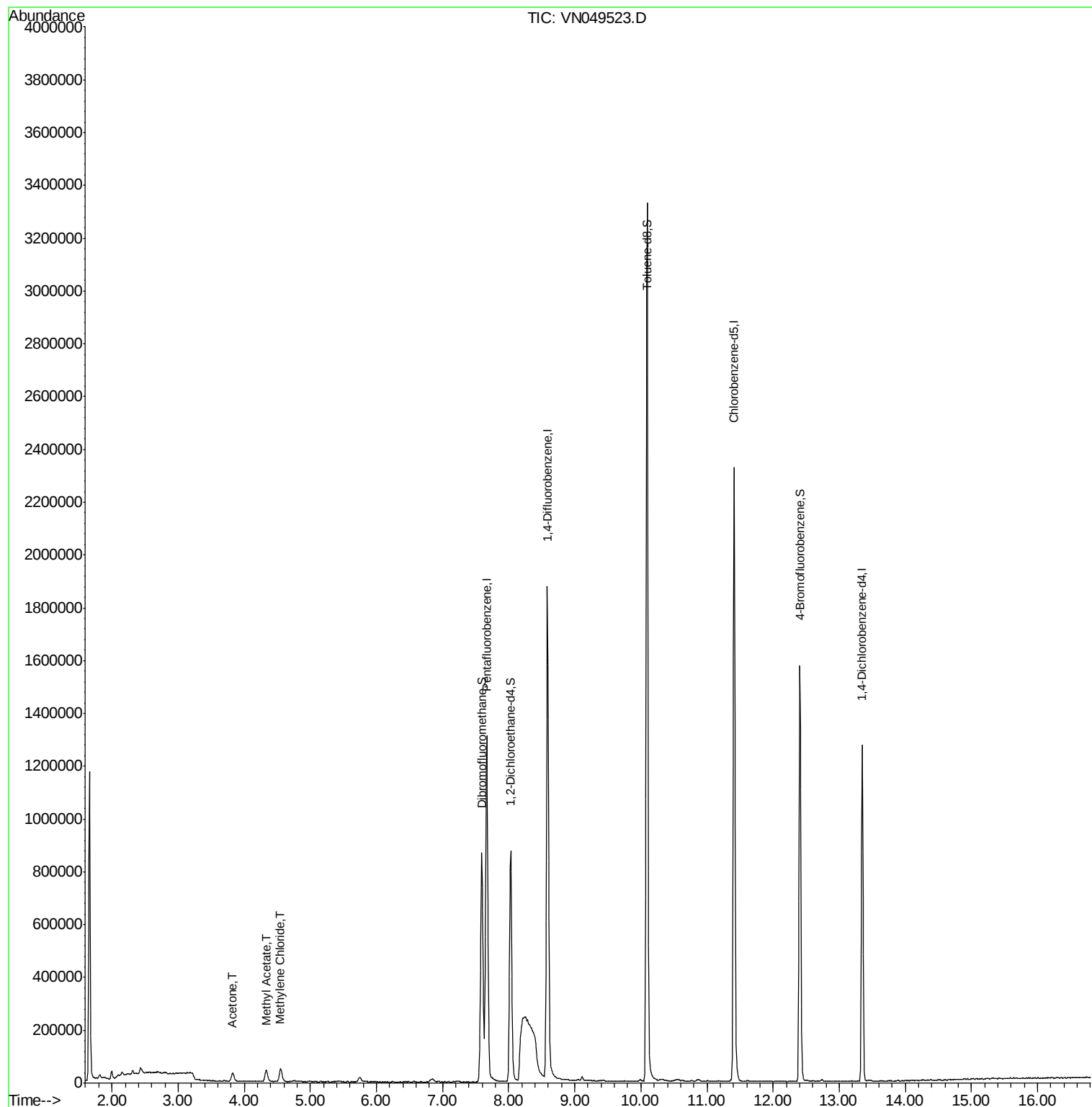
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	53167	14.85	ug/l	92
18) Methyl Acetate	4.33	43	85879	7.87	ug/l	96
20) Methylene Chloride	4.55	84	36389	2.43	ug/l #	91

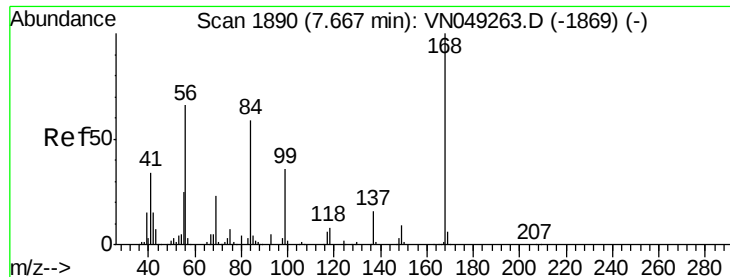
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1890

Delta R.T. -0.00 min

Lab File: VN049523.D

Acq: 25 Jun 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

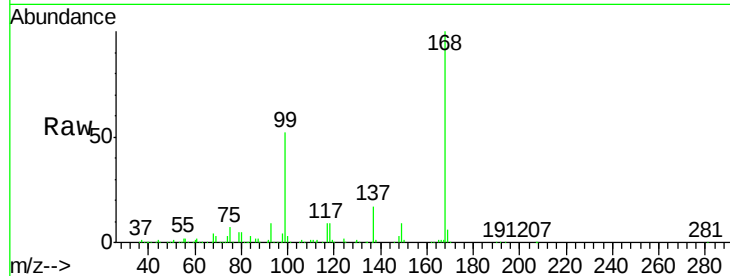
PB110537ZHE#08

Tot Ion:168 Resp: 1111725

Ion Ratio Lower Upper

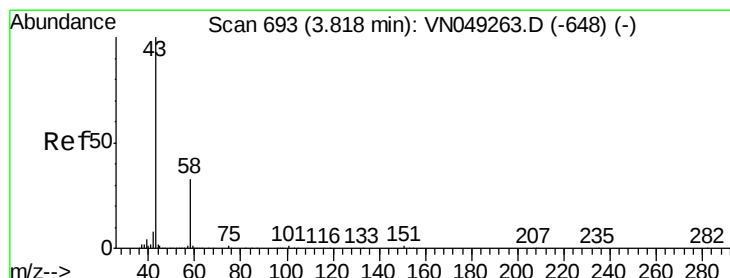
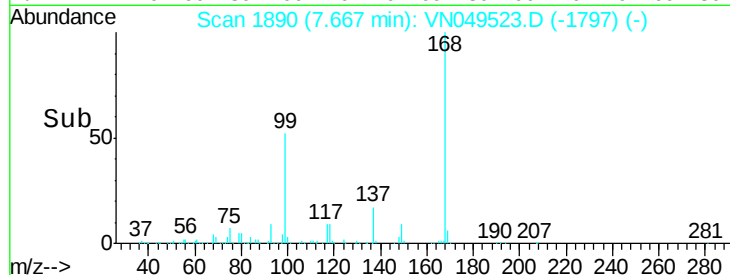
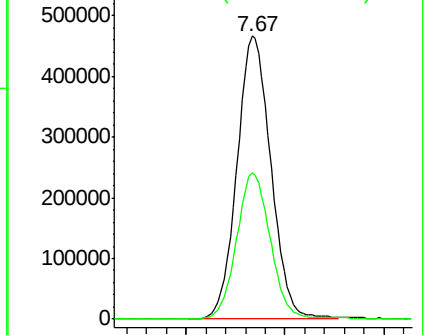
168 100

99 51.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 14.85 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049523.D

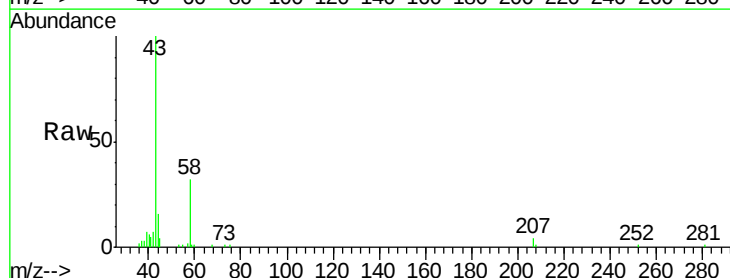
Acq: 25 Jun 2018 20:38

Tgt Ion: 43 Resp: 53167

Ion Ratio Lower Upper

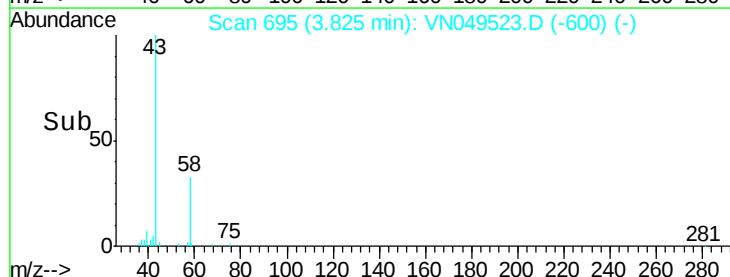
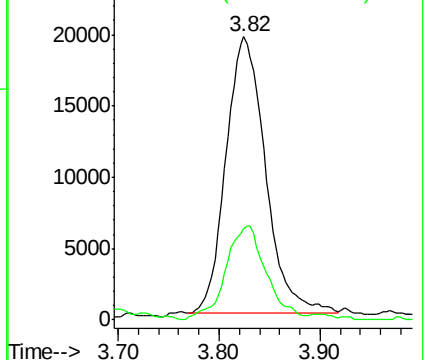
43 100

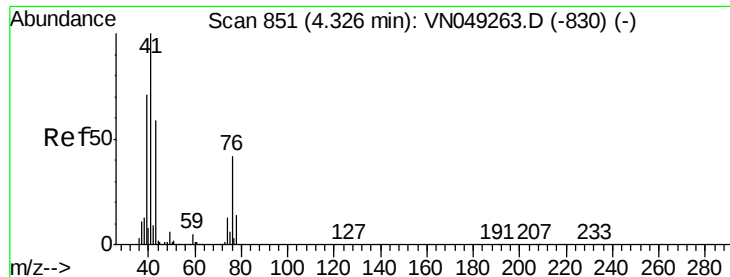
58 31.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

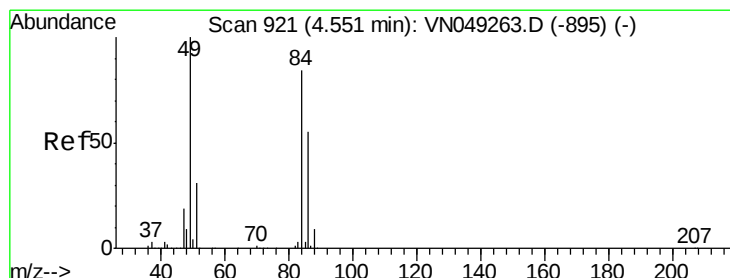
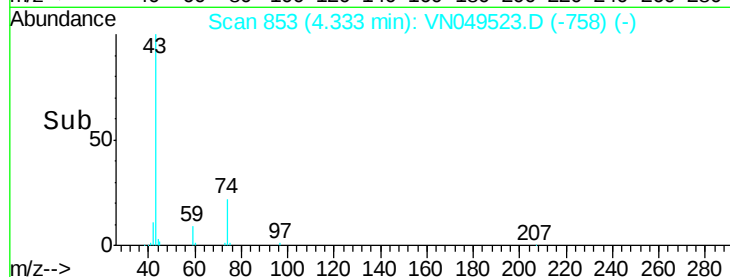
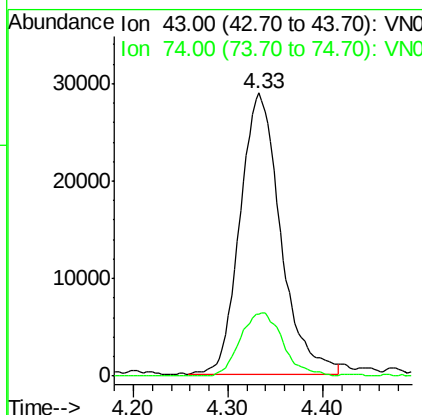
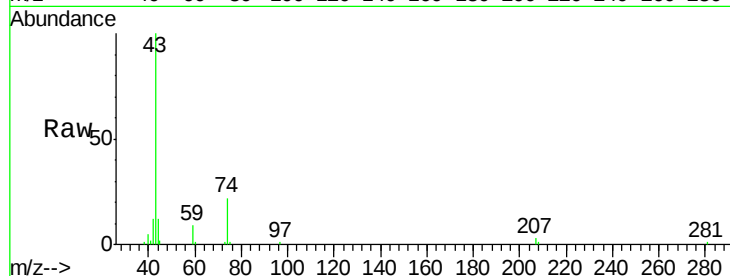




#18
Methvl Acetate
Concen: 7.87 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049523.D
Acq: 25 Jun 2018 20:38

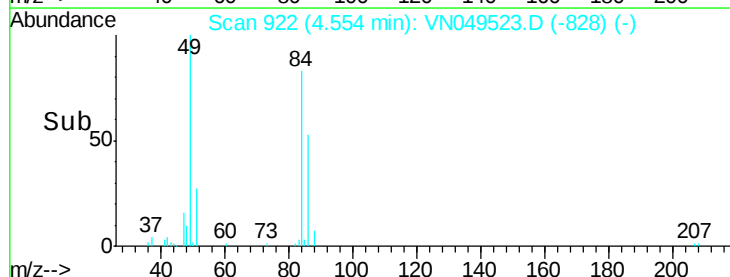
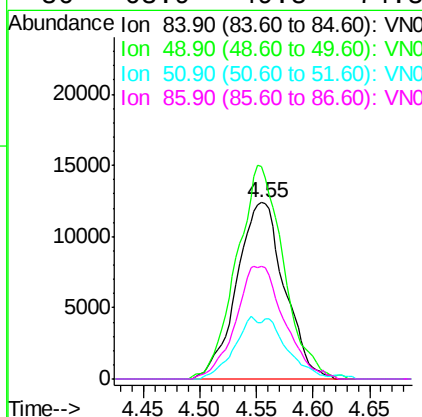
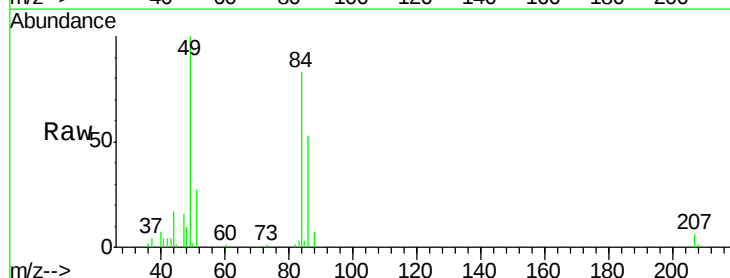
Instrument :
MSVOA_N
ClientSampleId :
PB110537ZHE#08

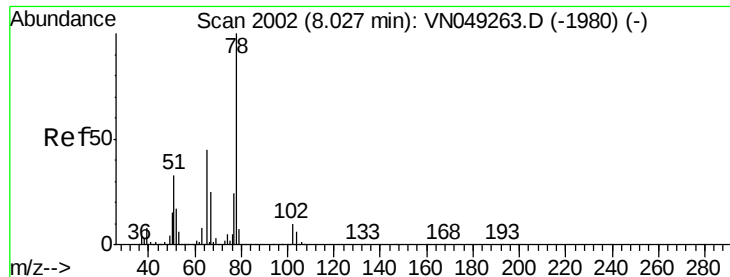
Tot Ion: 43 Resp: 85879
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0



#20
Methylene Chloride
Concen: 2.43 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049523.D
Acq: 25 Jun 2018 20:38

Tgt Ion: 84 Resp: 36389
Ion Ratio Lower Upper
84 100
49 120.6 106.9 160.3
51 32.1 32.7 49.1#
86 63.9 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 51.21 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049523.D

Acq: 25 Jun 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

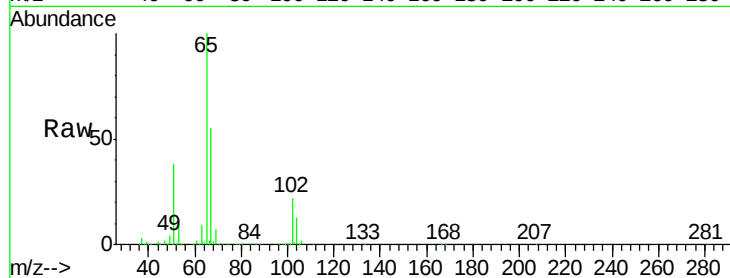
PB110537ZHE#08

Tot Ion: 65 Resp: 755161

Ion Ratio Lower Upper

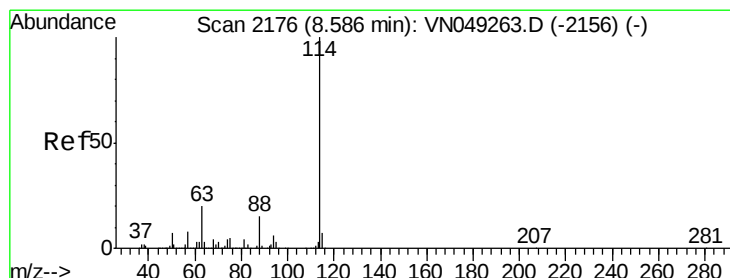
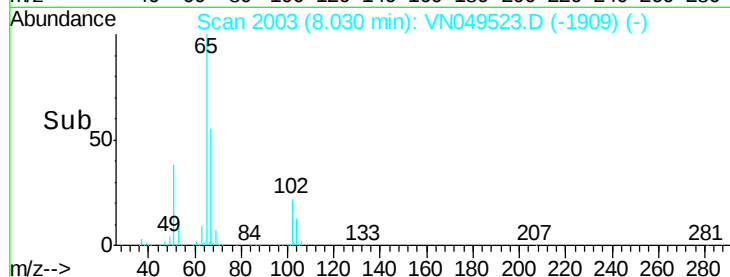
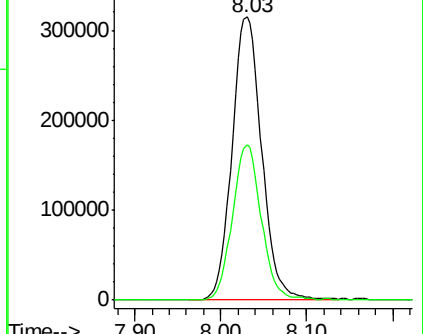
65 100

67 53.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049523.D

Acq: 25 Jun 2018 20:38

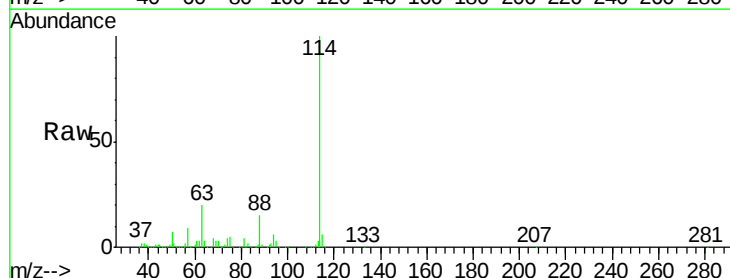
Tgt Ion:114 Resp: 1773987

Ion Ratio Lower Upper

114 100

63 19.6 0.0 44.4

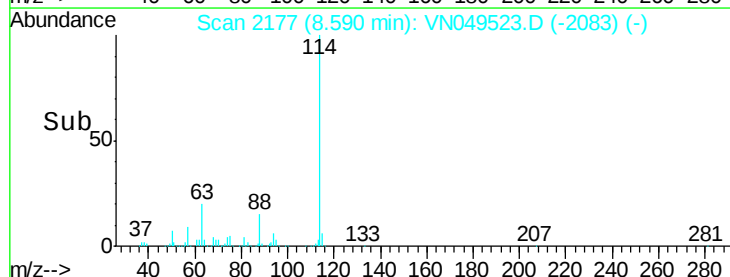
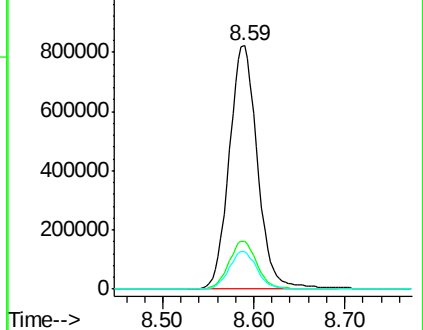
88 15.3 0.0 31.4

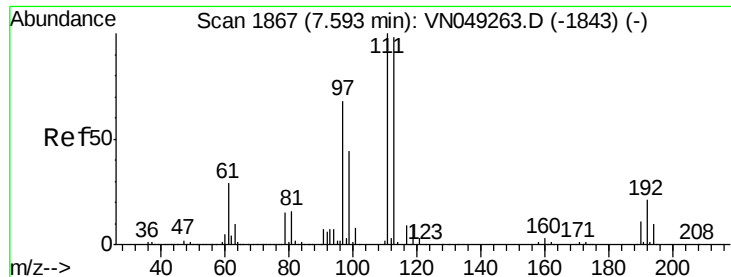


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

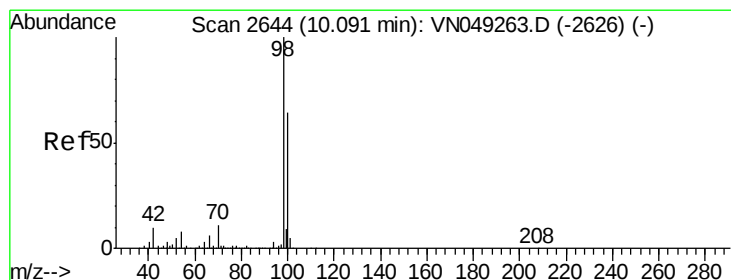
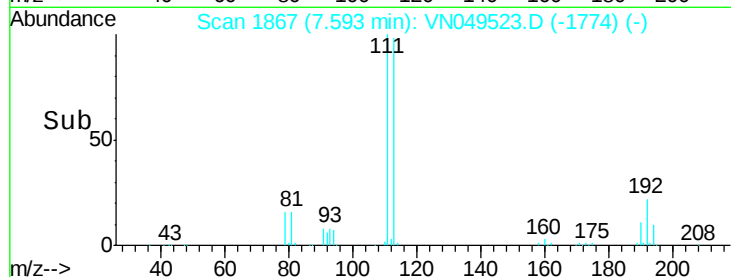
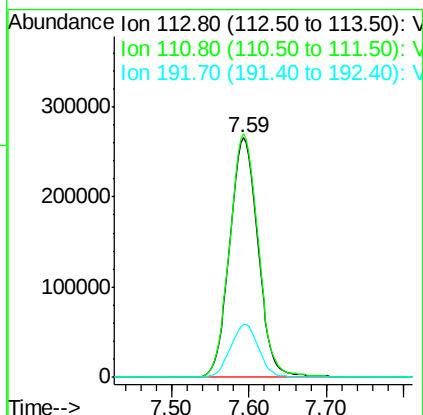
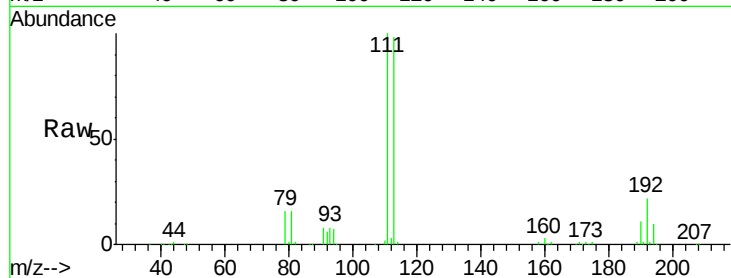




#35
Dibromofluoromethane
Concen: 47.01 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN049523.D
Acq: 25 Jun 2018 20:38

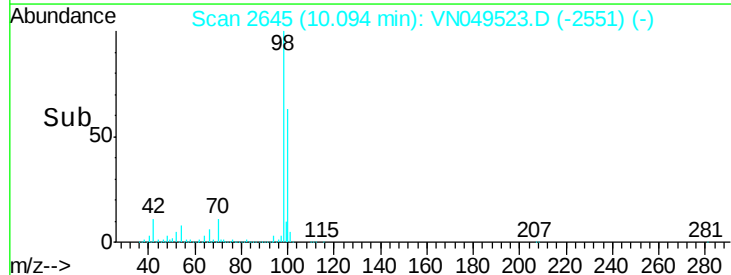
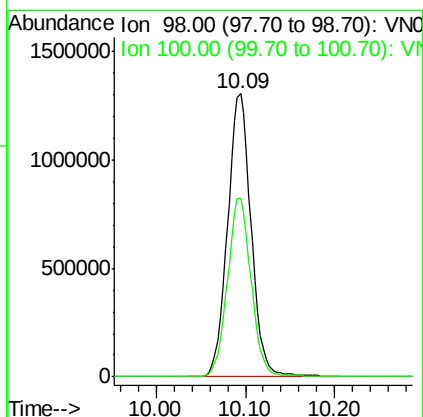
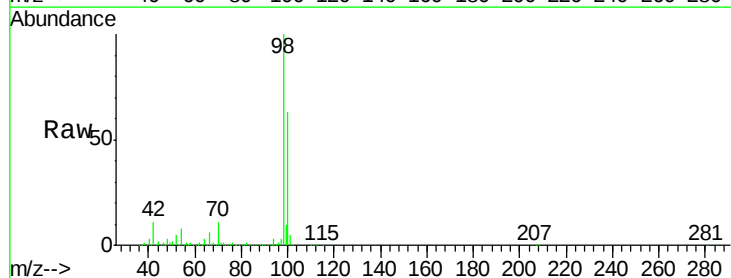
Instrument :
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ClientSampleId :
PB110537ZHE#08

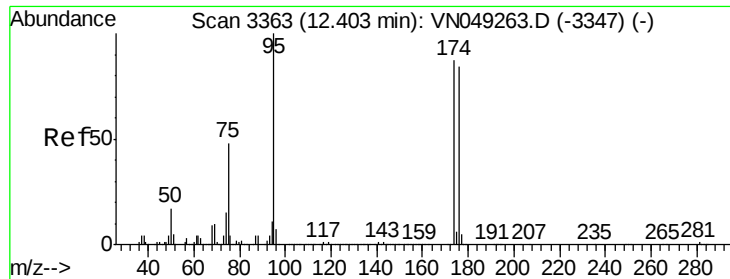
Tot Ion:113 Resp: 674701
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 22.0 15.0 22.6



#50
Toluene-d8
Concen: 43.68 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049523.D
Acq: 25 Jun 2018 20:38

Tgt Ion: 98 Resp: 2387217
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 32.25 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049523.D

Acq: 25 Jun 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#08

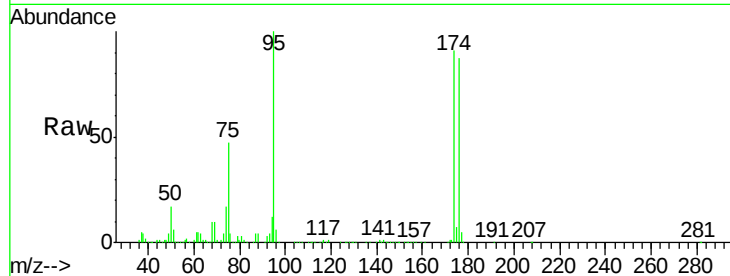
Tot Ion: 95 Resp: 582696

Ion Ratio Lower Upper

95 100

174 89.9 0.0 165.6

176 85.9 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049523.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049523.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049523.D (-3270) (-)

12.41

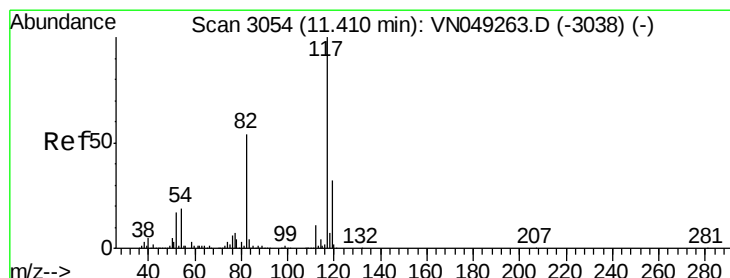
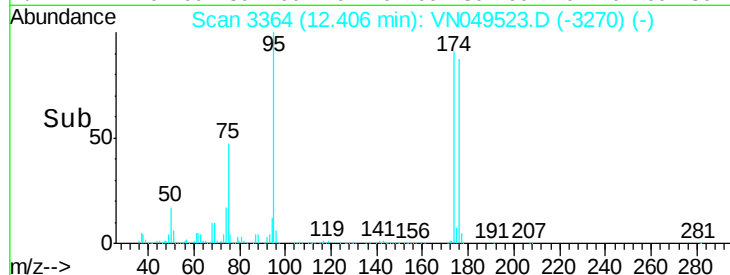
300000

200000

100000

0

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: VN049523.D

Acq: 25 Jun 2018 20:38

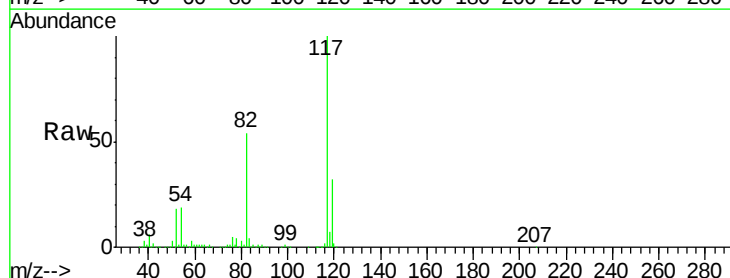
Tgt Ion: 117 Resp: 1451903

Ion Ratio Lower Upper

117 100

82 53.9 45.9 68.9

119 31.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN049523.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049523.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049523.D (-2961) (-)

11.41

1000000

800000

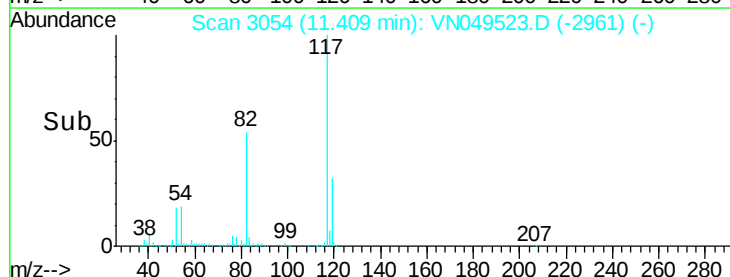
600000

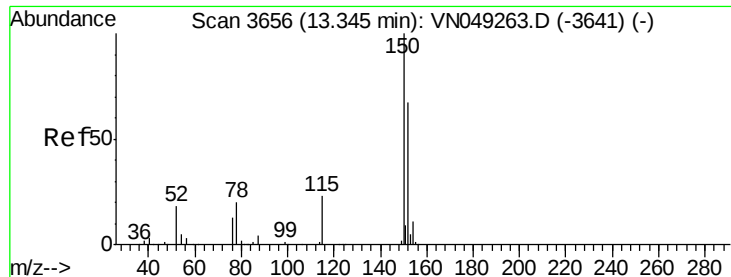
400000

200000

0

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: VN049523.D

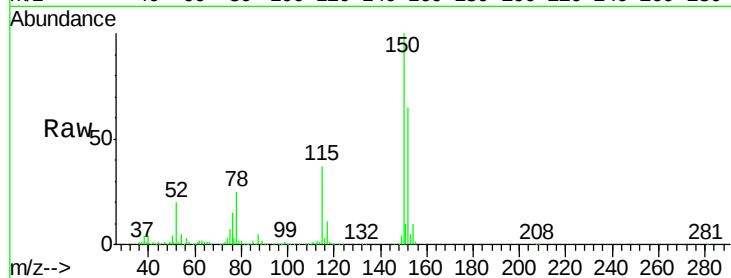
Acq: 25 Jun 2018 20:38

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#08



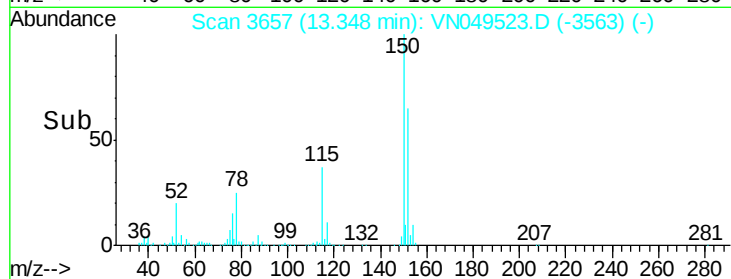
Tot Ion:152 Resp: 375348

Ion Ratio Lower Upper

152 100

115 55.9 28.7 86.1

150 155.1 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

