

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049526.D
 Acq On : 25 Jun 2018 21:55
 Operator : MD\SY
 Sample : PB110537ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#11

Quant Time: Jun 26 03:12:24 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	1091128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1776817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1431791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	373883	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	748324	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
35) Dibromofluoromethane	7.59	113	660193	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	
50) Toluene-d8	10.09	98	2376434	43.42	ug/l	0.00
Spiked Amount			Recovery	=	86.84%	
62) 4-Bromofluorobenzene	12.41	95	574267	31.73	ug/l	0.00
Spiked Amount			Recovery	=	63.46%	

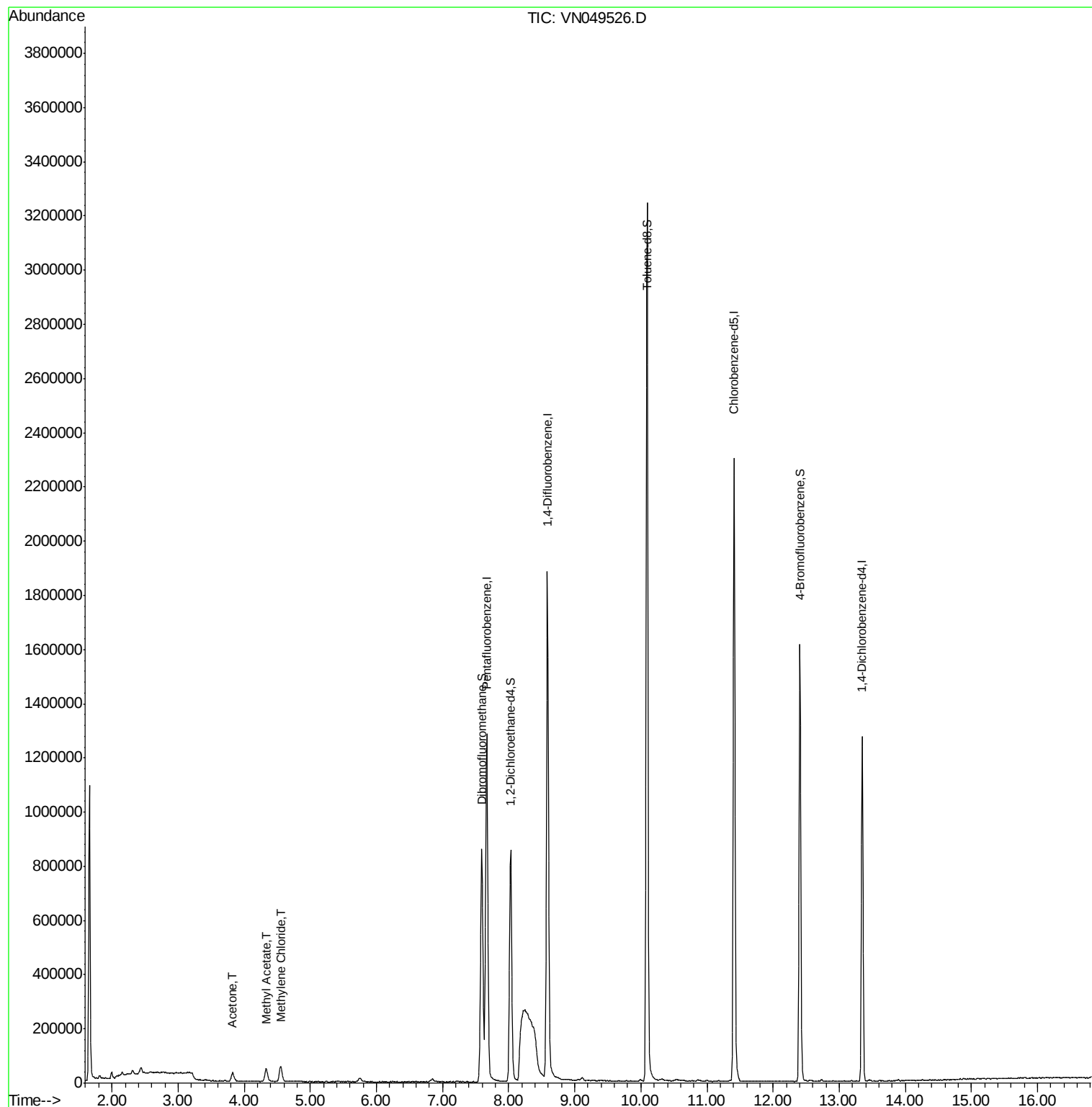
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	52867	15.05	ug/l	95
18) Methyl Acetate	4.33	43	93542	8.73	ug/l	95
20) Methylene Chloride	4.55	84	41312	2.81	ug/l	88

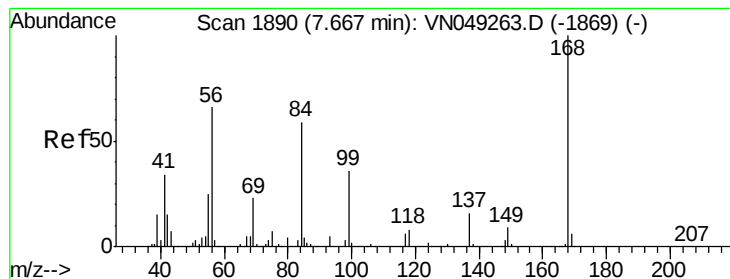
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049526.D

Acq: 25 Jun 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

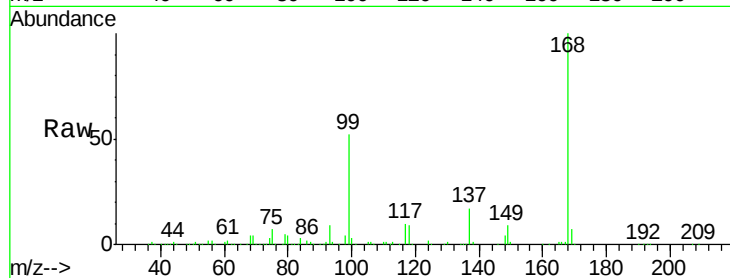
PB110537ZHE#11

Tot Ion:168 Resp: 1091128

Ion Ratio Lower Upper

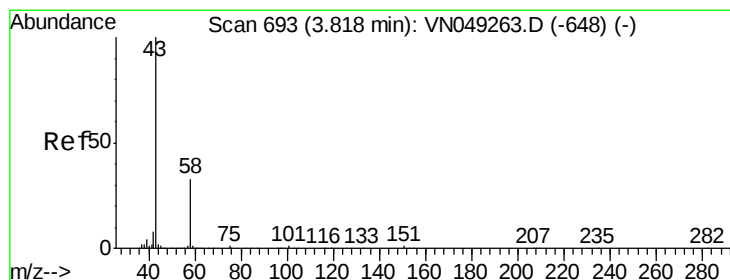
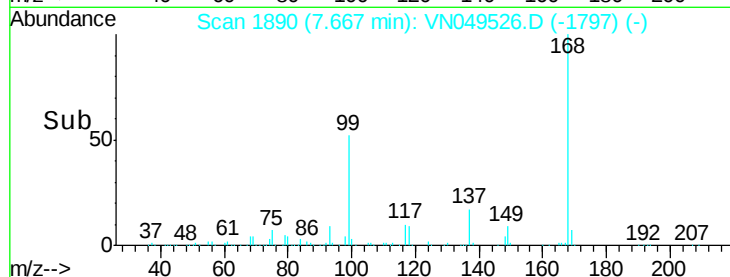
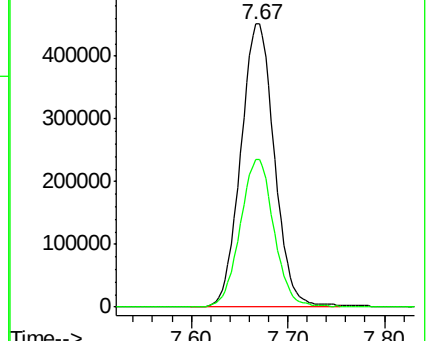
168 100

99 52.0 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: 15.05 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049526.D

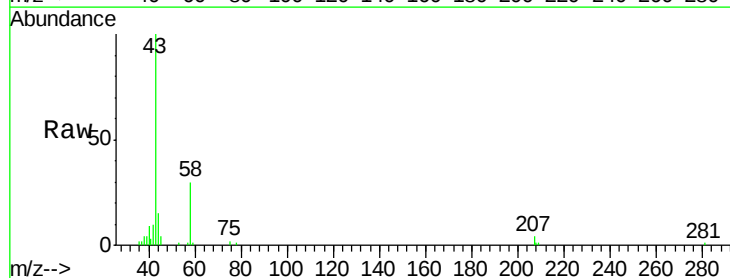
Acq: 25 Jun 2018 21:55

Tgt Ion: 43 Resp: 52867

Ion Ratio Lower Upper

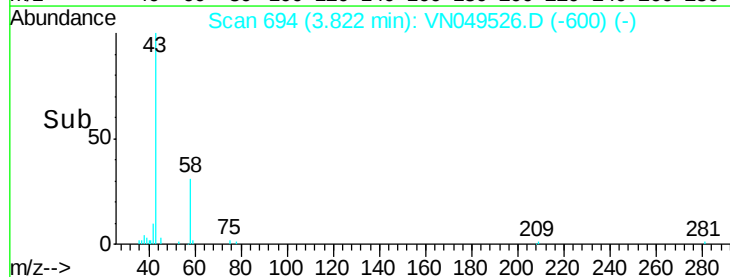
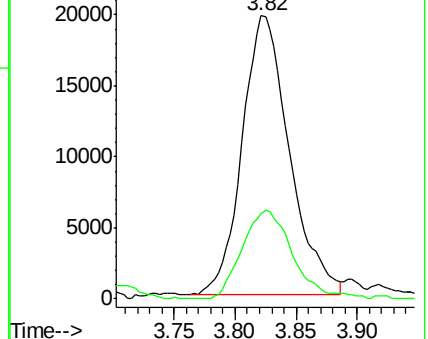
43 100

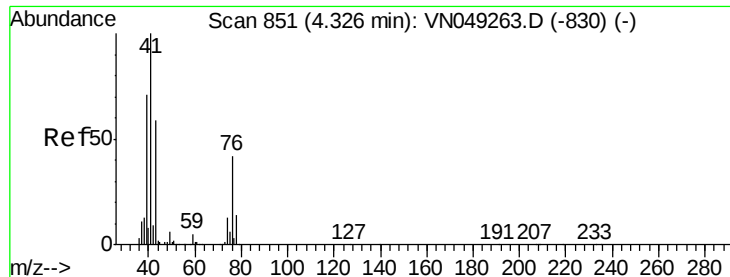
58 30.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

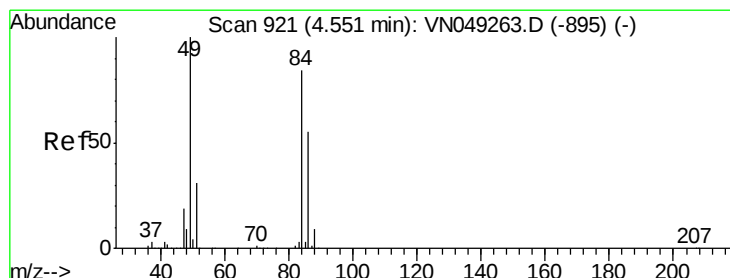
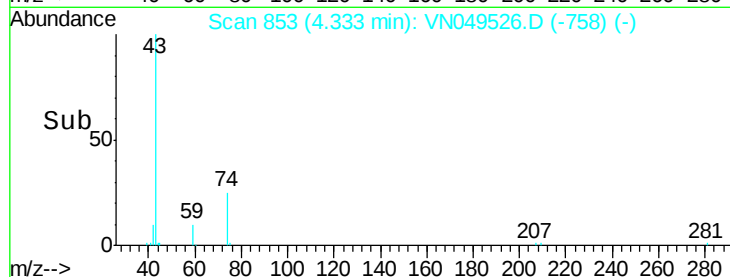
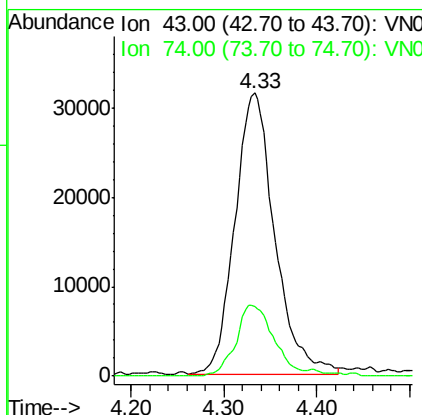
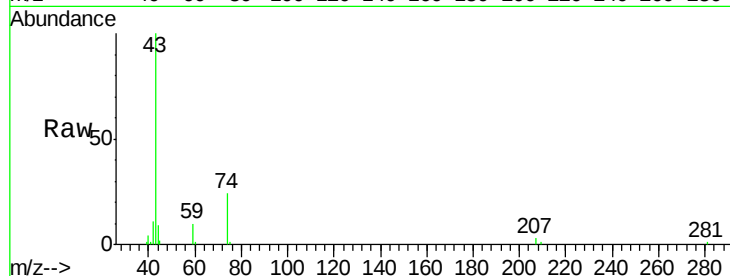




#18
Methvl Acetate
Concen: 8.73 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049526.D
Acq: 25 Jun 2018 21:55

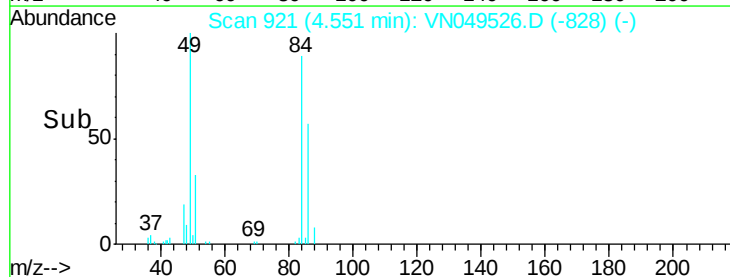
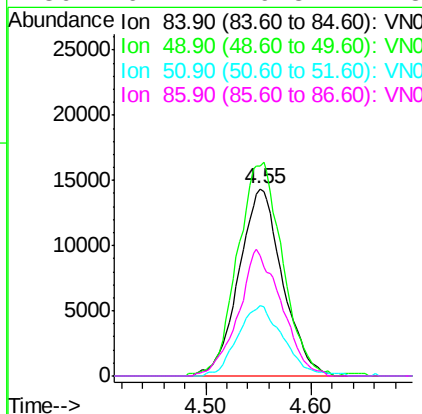
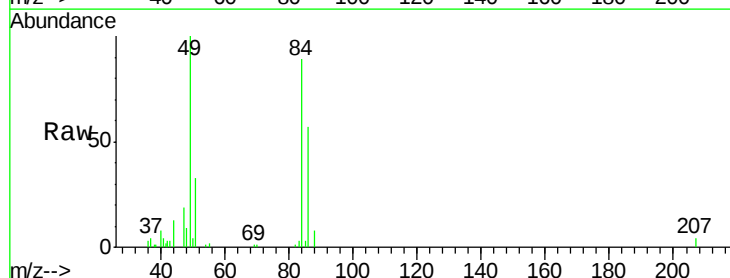
Instrument :
MSVOA_N
ClientSampleId :
PB110537ZHE#11

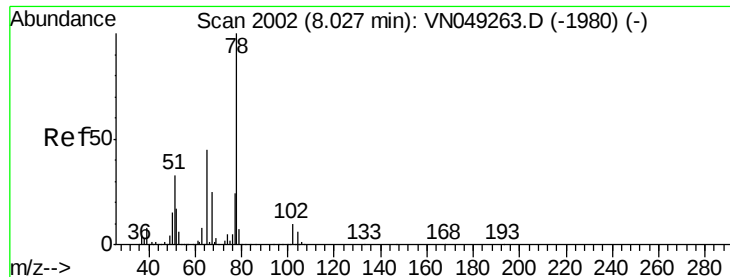
Tot Ion: 43 Resp: 93542
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0



#20
Methylene Chloride
Concen: 2.81 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049526.D
Acq: 25 Jun 2018 21:55

Tgt Ion: 84 Resp: 41312
Ion Ratio Lower Upper
84 100
49 112.3 106.9 160.3
51 37.3 32.7 49.1
86 64.1 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 51.71 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049526.D

Acq: 25 Jun 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

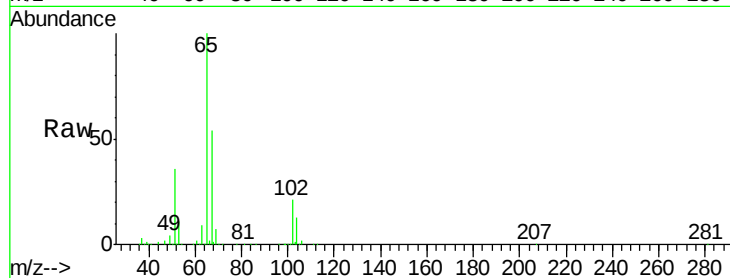
PB110537ZHE#11

Tot Ion: 65 Resp: 748324

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049526.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049526.D (-1980) (-)

8.03

300000

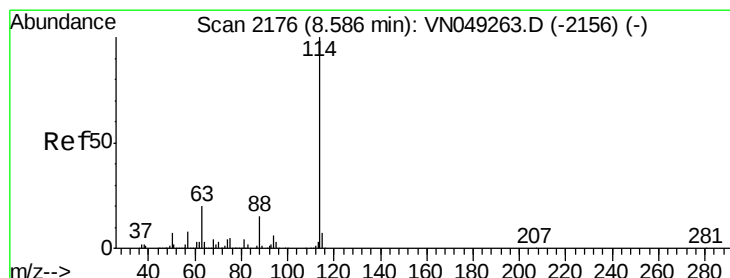
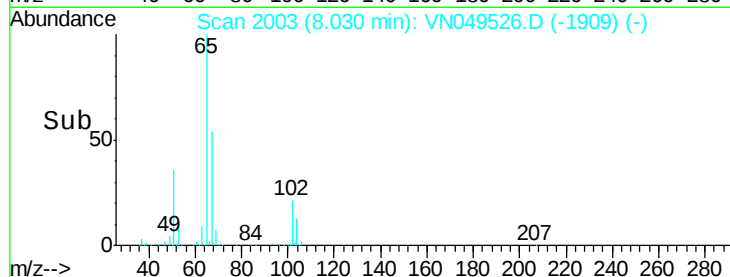
200000

100000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049526.D

Acq: 25 Jun 2018 21:55

Tgt Ion:114 Resp: 1776817

Ion Ratio Lower Upper

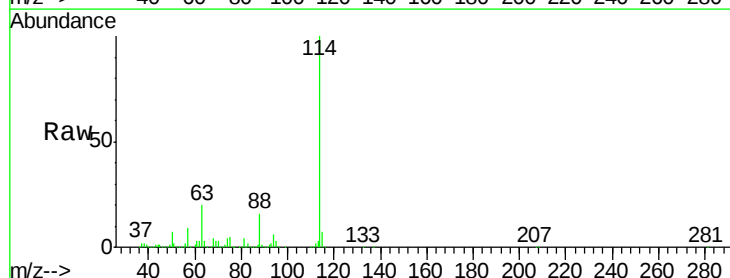
114 100

63 19.6

0.0 44.4

88 15.7

0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049526.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049526.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049526.D (-2156) (-)

8.59

1000000

800000

600000

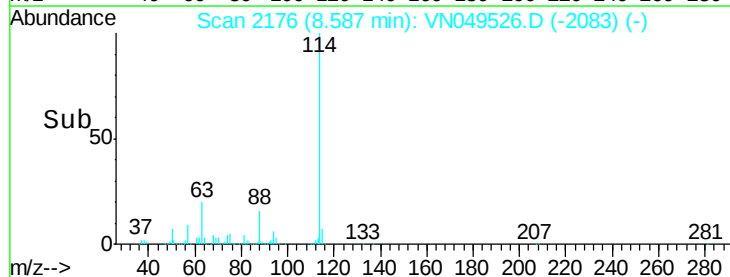
400000

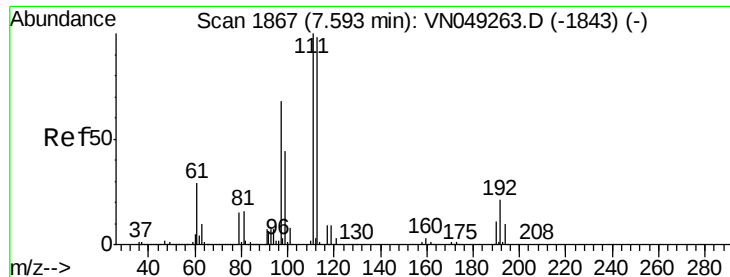
200000

0

8.50 8.60 8.70

Time-->

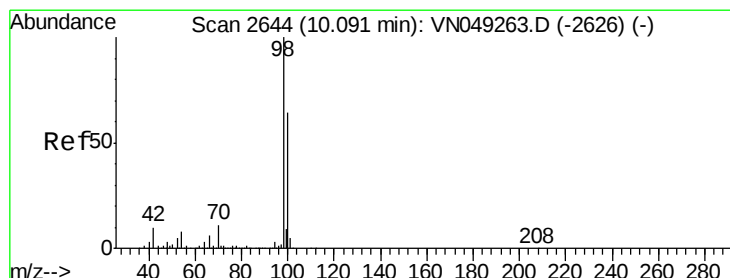
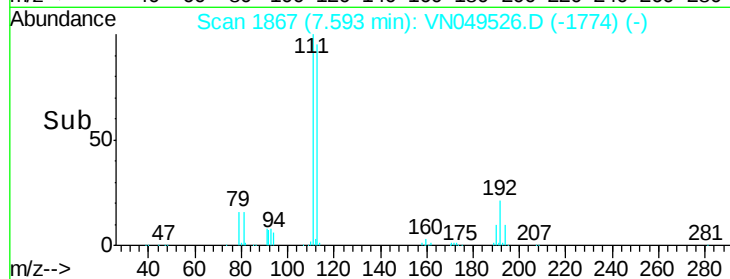
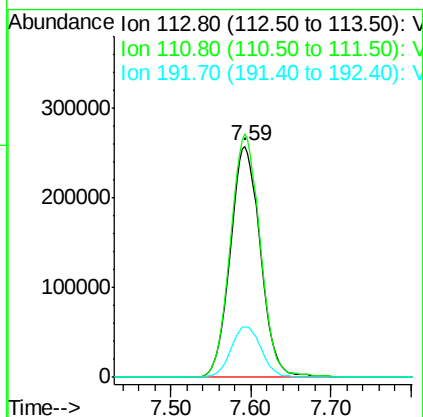
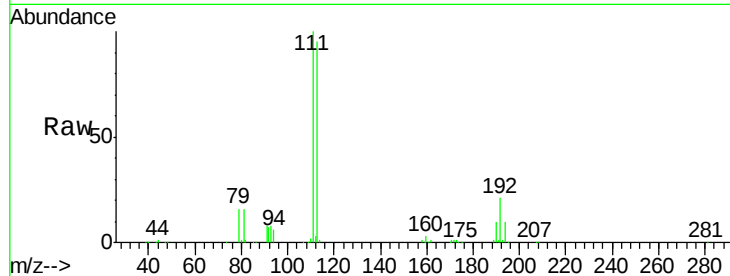




#35
 Dibromofluoromethane
 Concen: 45.93 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049526.D
 Acq: 25 Jun 2018 21:55

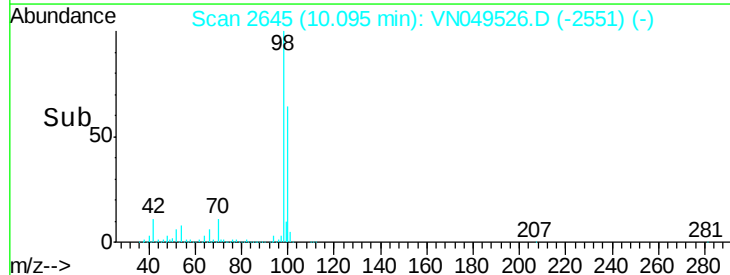
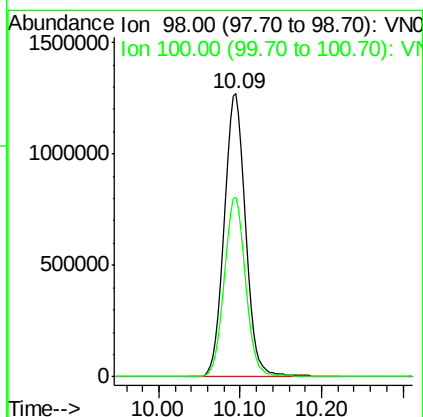
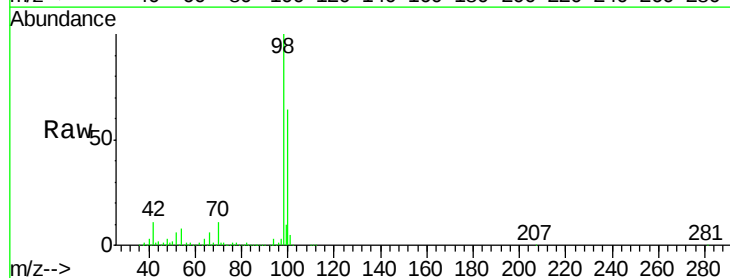
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#11

Tot Ion:113 Resp: 660193
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.4 123.6
 192 22.0 15.0 22.6



#50
 Toluene-d8
 Concen: 43.42 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049526.D
 Acq: 25 Jun 2018 21:55

Tgt Ion: 98 Resp: 2376434
 Ion Ratio Lower Upper
 98 100
 100 63.4 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 31.73 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049526.D

Acq: 25 Jun 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#11

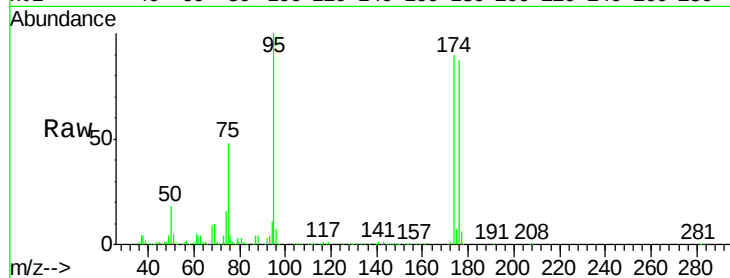
Tot Ion: 95 Resp: 574267

Ion Ratio Lower Upper

95 100

174 90.5 0.0 165.6

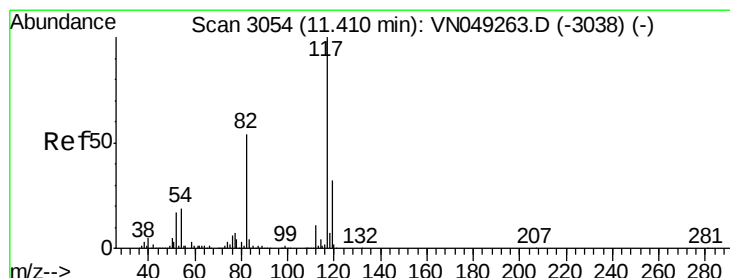
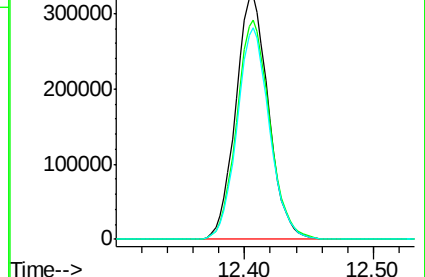
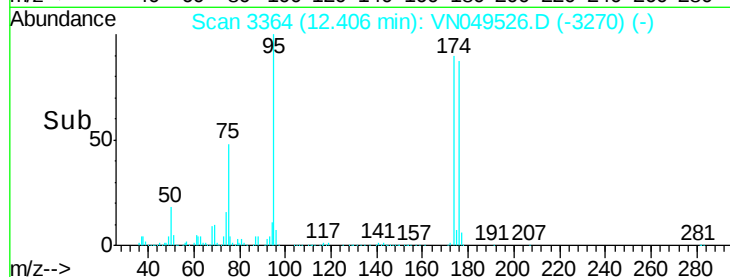
176 85.4 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049526.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049526.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049526.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049526.D

Acq: 25 Jun 2018 21:55

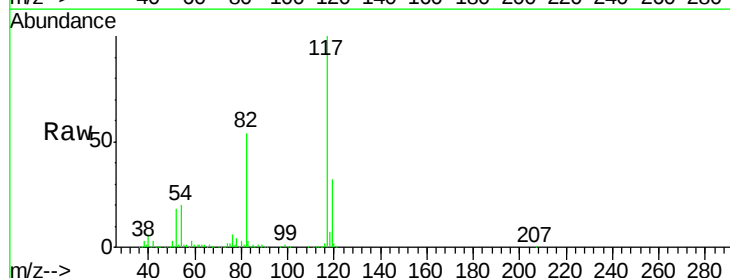
Tgt Ion: 117 Resp: 1431791

Ion Ratio Lower Upper

117 100

82 53.7 45.9 68.9

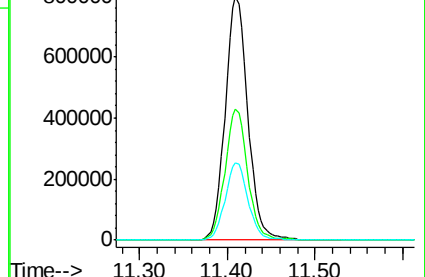
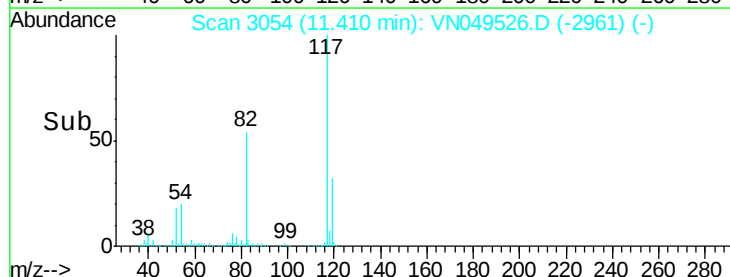
119 31.8 25.5 38.3

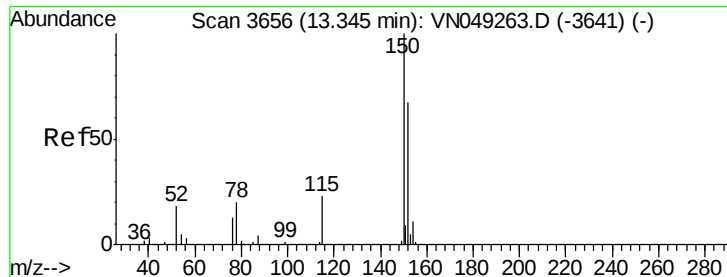


Abundance Ion 116.90 (116.60 to 117.60): VN049526.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049526.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049526.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049526.D

Acq: 25 Jun 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#11

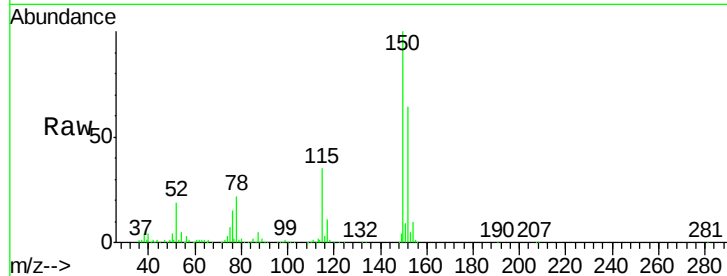
Tot Ion:152 Resp: 373883

Ion Ratio Lower Upper

152 100

115 55.6 28.7 86.1

150 155.2 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

