

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049562.D
 Acq On : 26 Jun 2018 19:23
 Operator : MD\SY
 Sample : PB110584ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110584ZHE#09

Quant Time: Jun 27 01:58:14 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	1392394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2172996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1825555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	747570	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	874074	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
35) Dibromofluoromethane	7.59	113	747279	42.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.02%	
50) Toluene-d8	10.09	98	2952746	44.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.22%	
62) 4-Bromofluorobenzene	12.40	95	890360	40.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.46%	

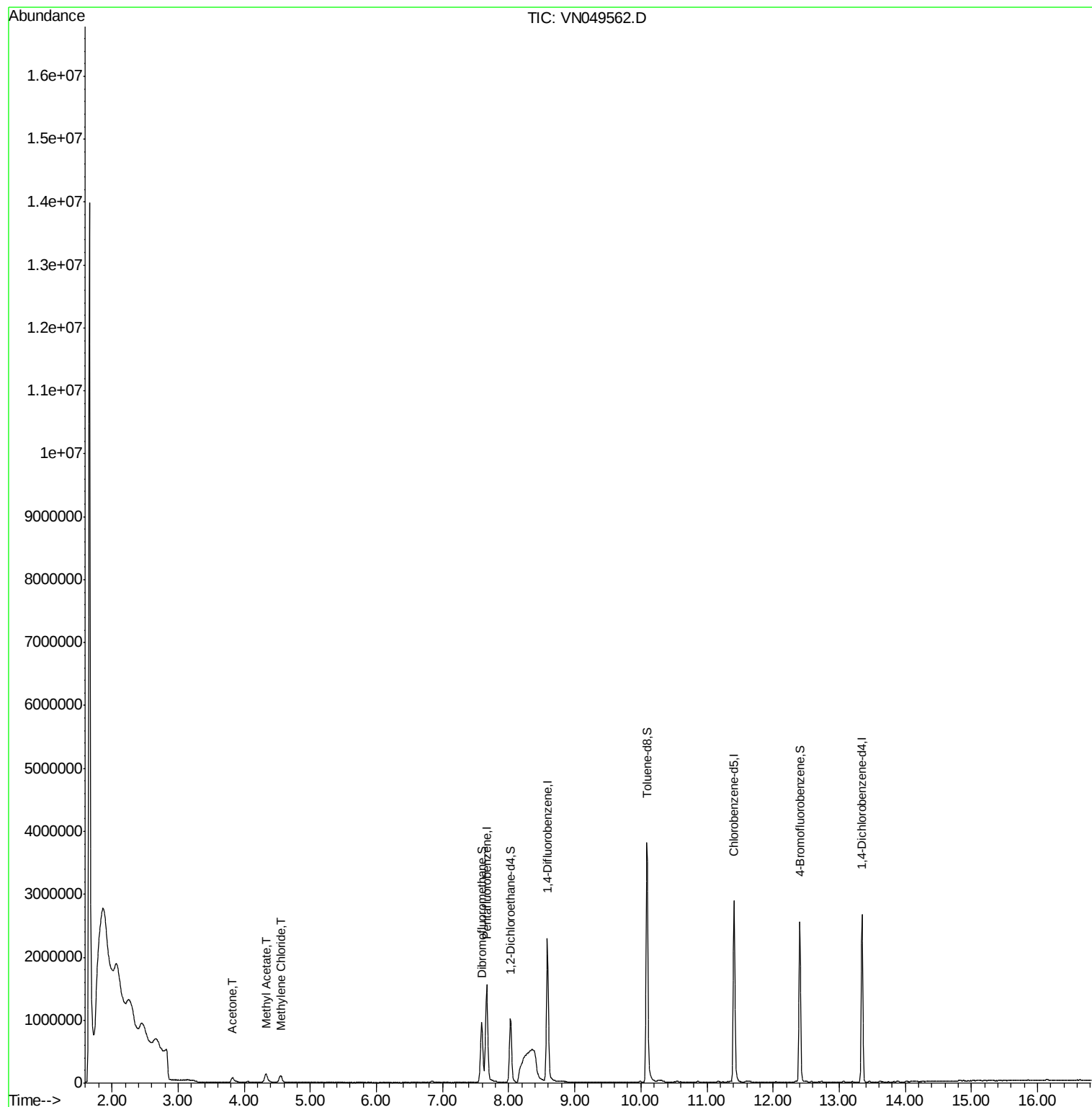
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	167318	37.31	ug/l	90
18) Methyl Acetate	4.33	43	267641	19.58	ug/l	93
20) Methylene Chloride	4.55	84	82809	4.42	ug/l #	84

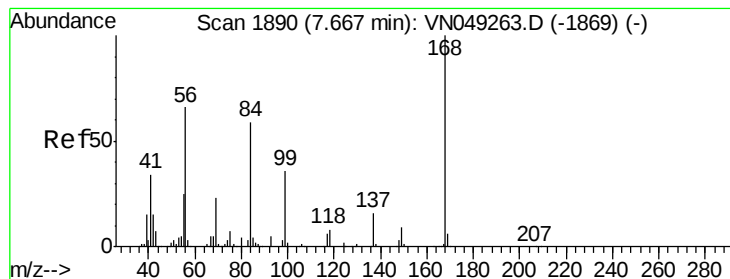
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049562.D

Acq: 26 Jun 2018 19:23

Instrument :

MSVOA_N

ClientSampleId :

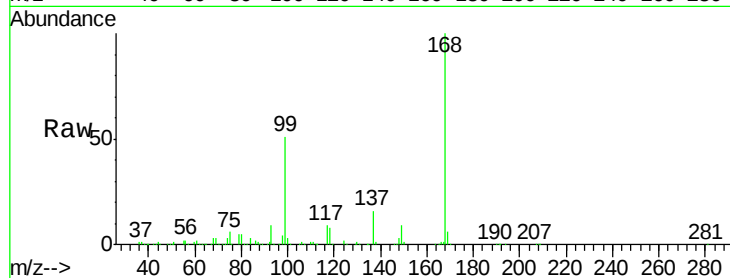
PB110584ZHE#09

Tot Ion:168 Resp: 1392394

Ion Ratio Lower Upper

168 100

99 51.2 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

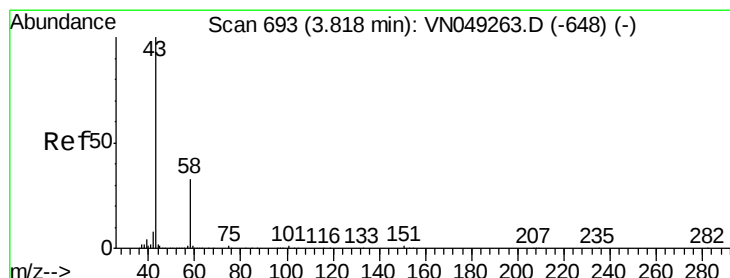
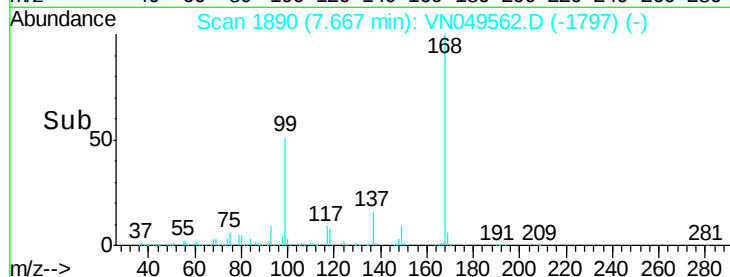
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 37.31 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049562.D

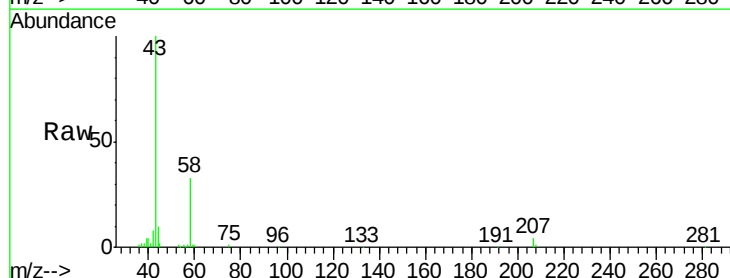
Acq: 26 Jun 2018 19:23

Tgt Ion: 43 Resp: 167318

Ion Ratio Lower Upper

43 100

58 33.1 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

50000

40000

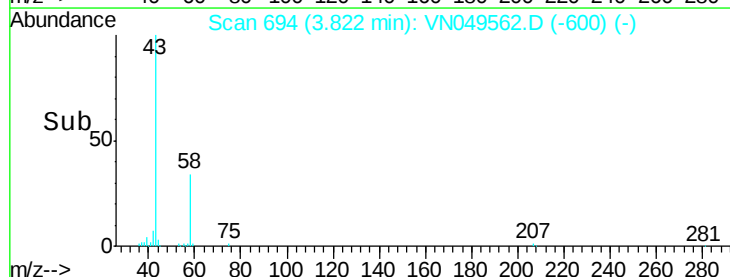
30000

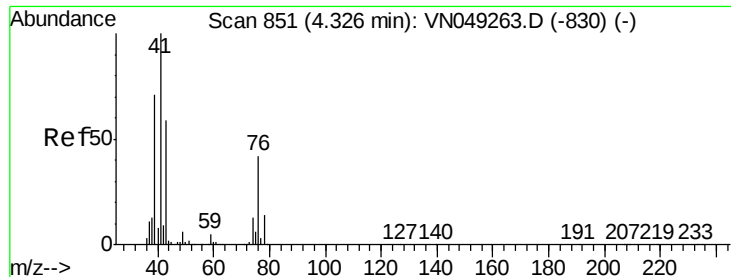
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10000

0

Time-->

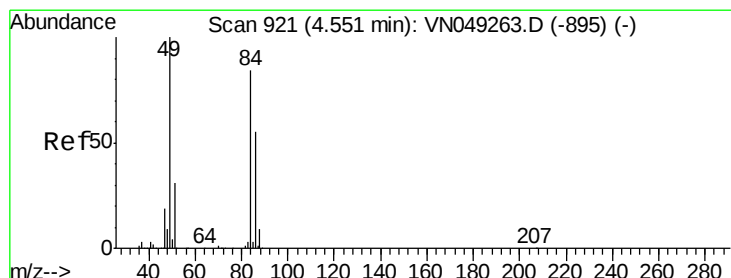
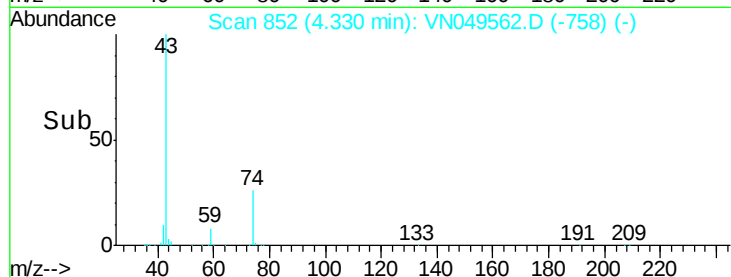
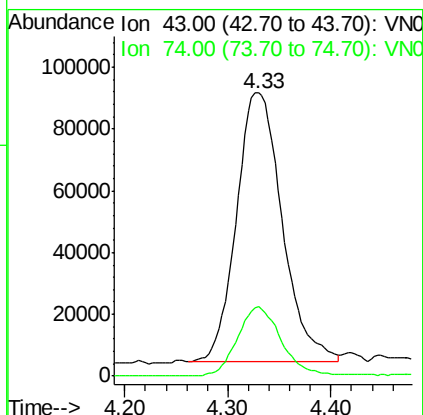
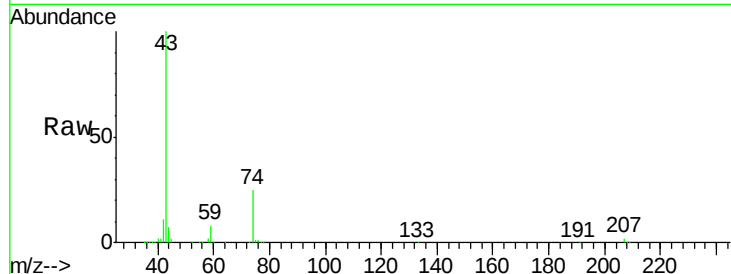




#18
Methvl Acetate
Concen: 19.58 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049562.D
Acq: 26 Jun 2018 19:23

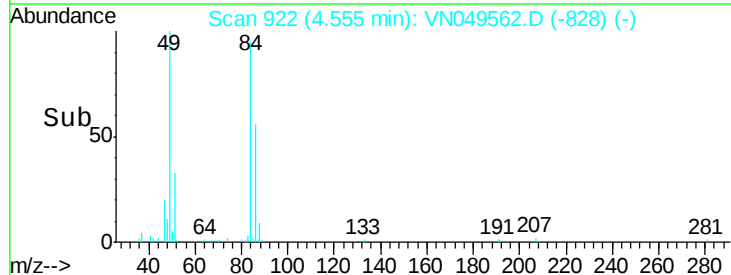
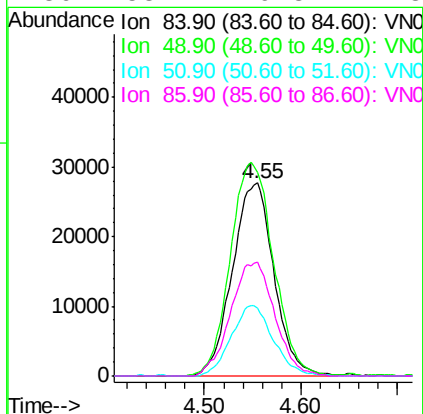
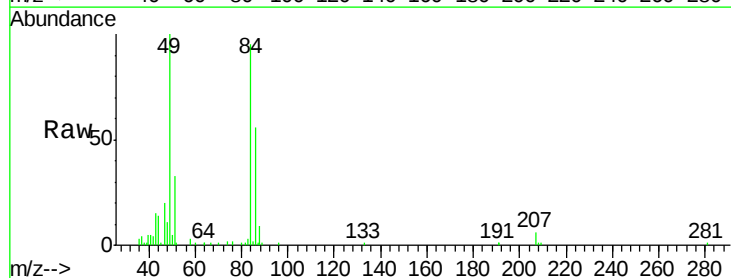
Instrument :
MSVOA_N
ClientSampleId :
PB110584ZHE#09

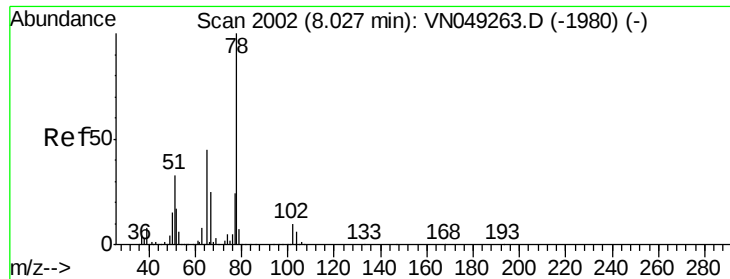
Tot Ion: 43 Resp: 267641
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0



#20
Methylene Chloride
Concen: 4.42 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049562.D
Acq: 26 Jun 2018 19:23

Tgt Ion: 84 Resp: 82809
Ion Ratio Lower Upper
84 100
49 105.1 106.9 160.3#
51 34.9 32.7 49.1
86 58.7 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 47.33 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049562.D

Acq: 26 Jun 2018 19:23

Instrument :

MSVOA_N

ClientSampleId :

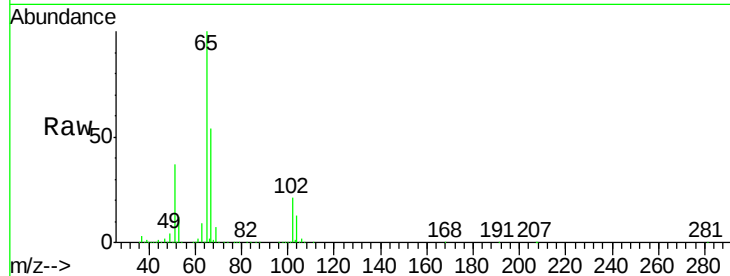
PB110584ZHE#09

Tot Ion: 65 Resp: 874074

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049562.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049562.D (-1909) (-)

8.03

400000

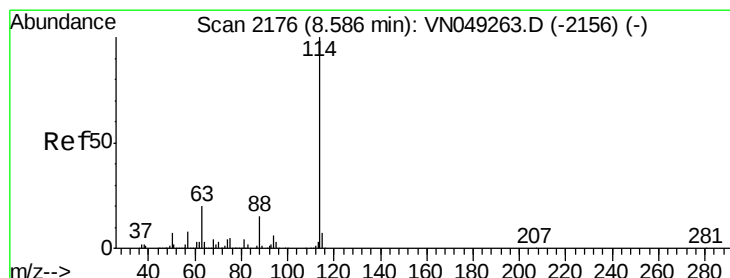
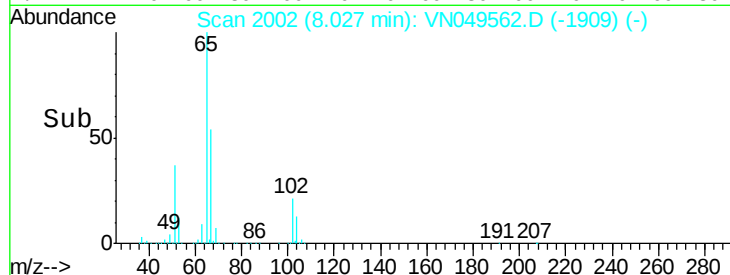
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049562.D

Acq: 26 Jun 2018 19:23

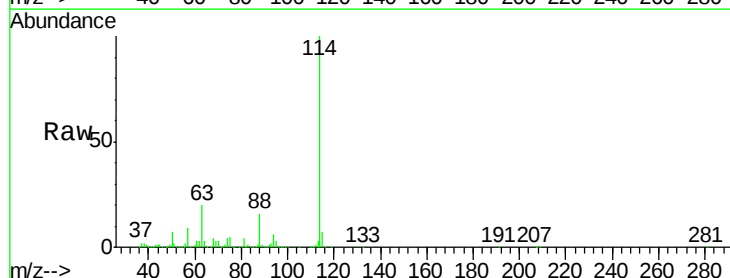
Tgt Ion: 114 Resp: 2172996

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.4

88 15.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049562.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049562.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049562.D (-2083) (-)

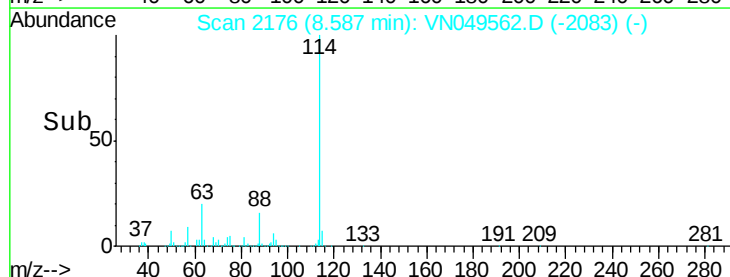
8.59

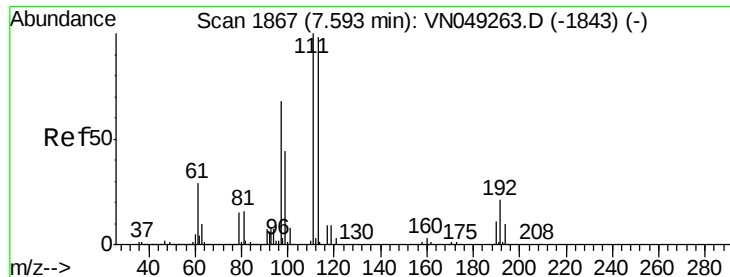
1000000

500000

0

Time-->

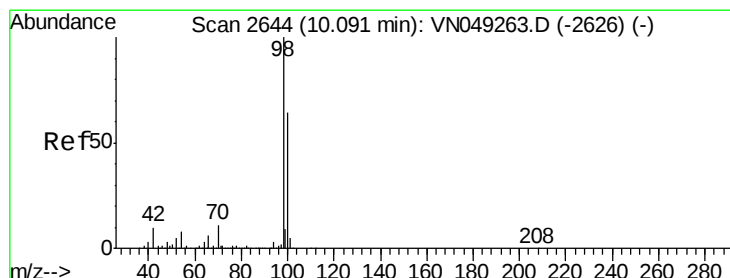
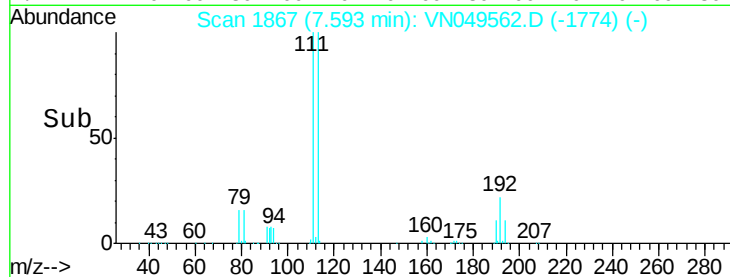
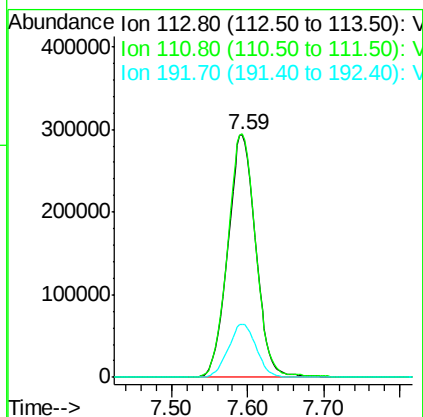
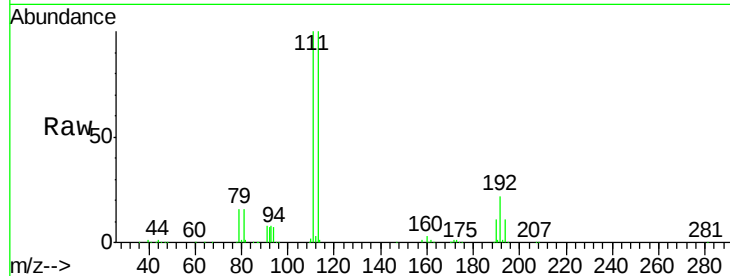




#35
 Dibromofluoromethane
 Concen: 42.51 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049562.D
 Acq: 26 Jun 2018 19:23

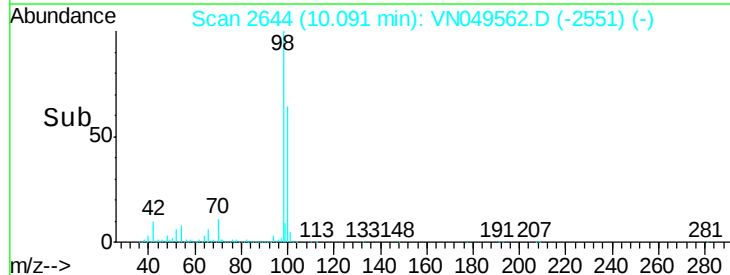
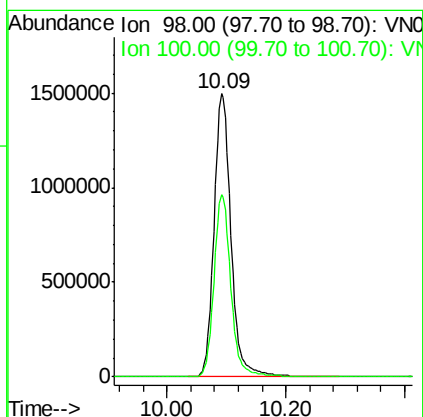
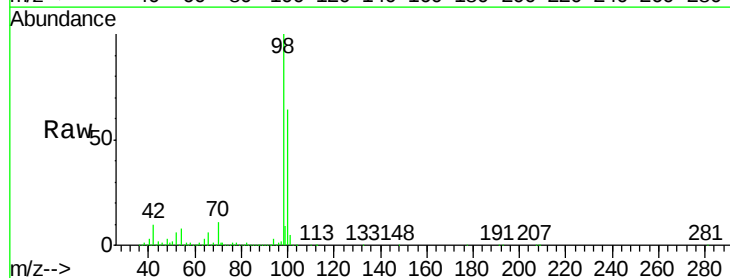
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110584ZHE#09

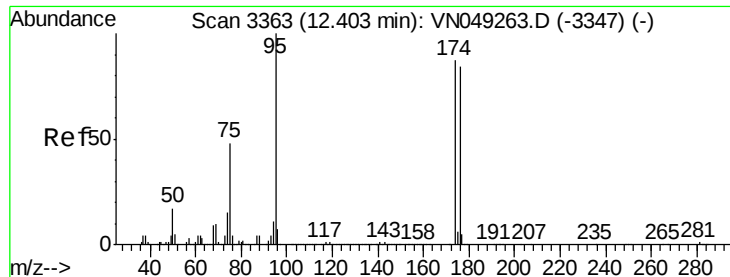
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	22.0	15.0	22.6



#50
 Toluene-d8
 Concen: 44.11 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049562.D
 Acq: 26 Jun 2018 19:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	49.8	74.8

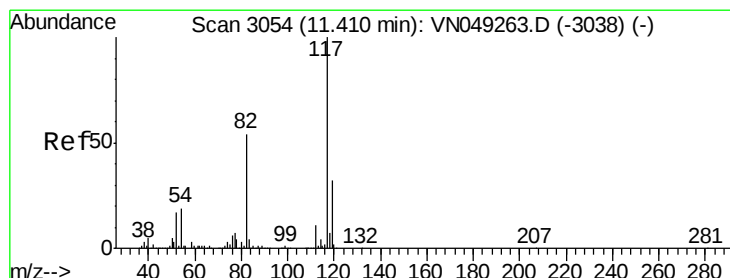
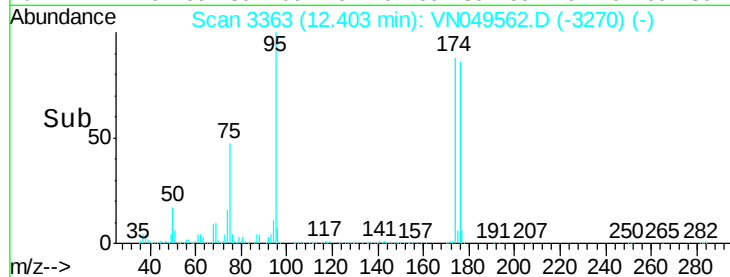
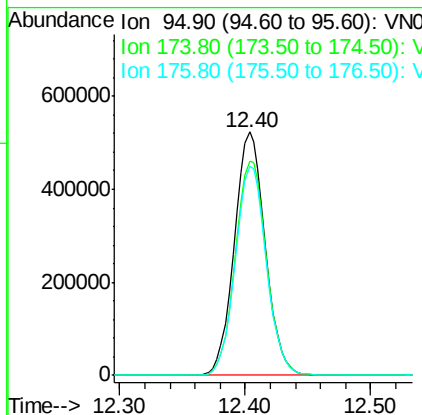
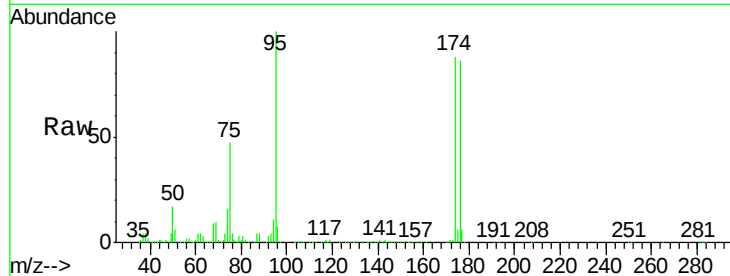




#62
4-Bromofluorobenzene
Concen: 40.23 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049562.D
Acq: 26 Jun 2018 19:23

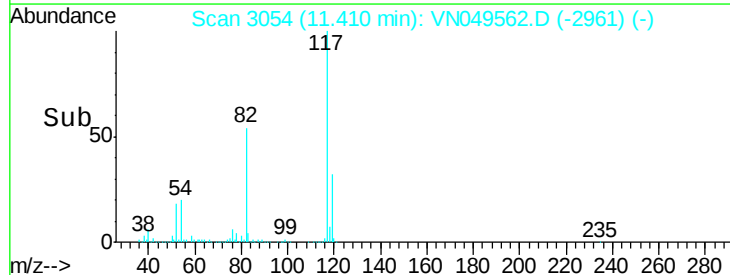
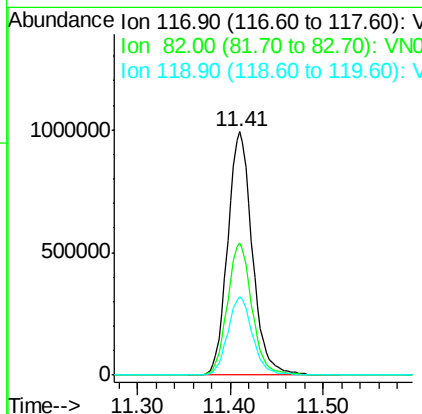
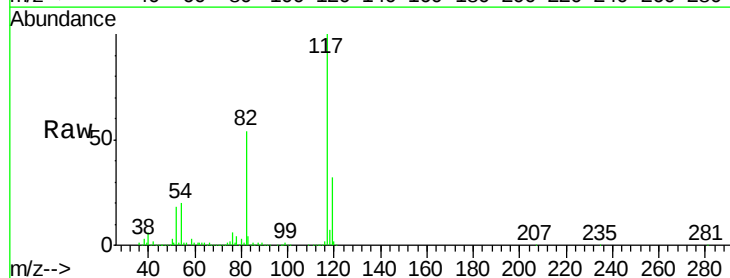
Instrument :
MSVOA_N
ClientSampleId :
PB110584ZHE#09

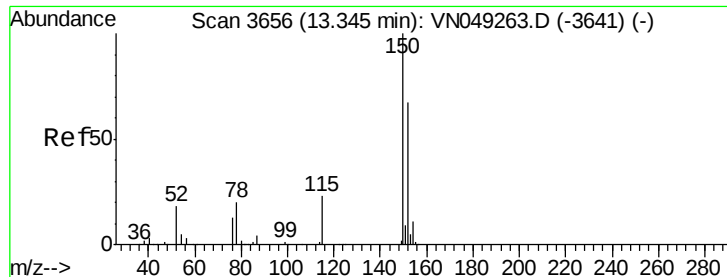
Tot Ion: 95 Resp: 890360
Ion Ratio Lower Upper
95 100
174 89.7 0.0 165.6
176 86.6 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049562.D
Acq: 26 Jun 2018 19:23

Tgt Ion: 117 Resp: 1825555
Ion Ratio Lower Upper
117 100
82 54.3 45.9 68.9
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049562.D

Acq: 26 Jun 2018 19:23

Instrument :

MSVOA_N

ClientSampleId :

PB110584ZHE#09

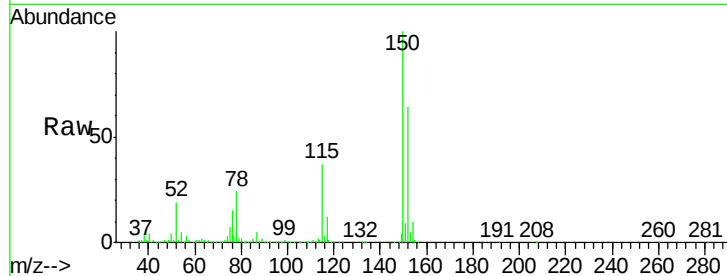
Tot Ion:152 Resp: 747570

Ion Ratio Lower Upper

152 100

115 57.2 28.7 86.1

150 157.4 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

