

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049275.D
 Acq On : 15 Jun 2018 22:17
 Operator : MD\SY
 Sample : PB110255ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#06

Quant Time: Jun 16 02:20:02 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	1367432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2196639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1685672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	458470	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	911099	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
35) Dibromofluoromethane	7.59	113	823309	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
50) Toluene-d8	10.09	98	2945266	43.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.04%	
62) 4-Bromofluorobenzene	12.41	95	685202	30.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.24%	

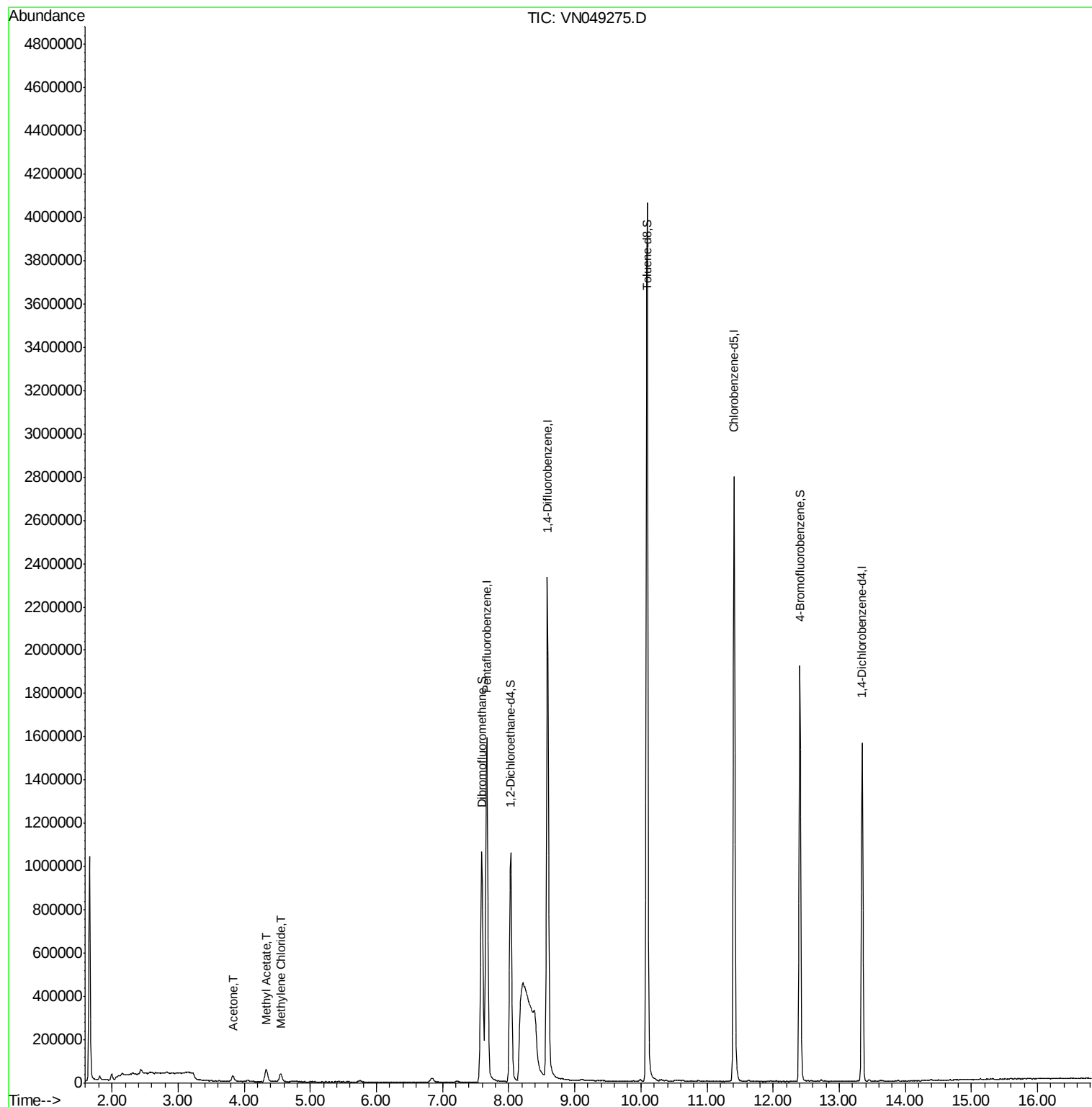
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	41507	9.43	ug/l	# 88
18) Methyl Acetate	4.33	43	115078	8.57	ug/l	96
20) Methylene Chloride	4.55	84	27790	1.51	ug/l	88

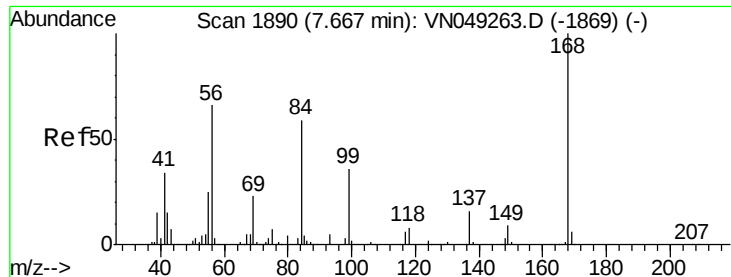
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1891

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

ClientSampleId :

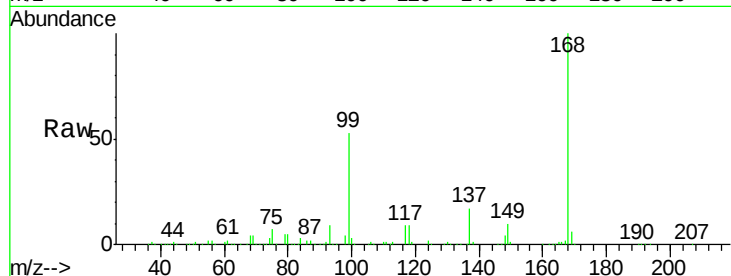
PB110255ZHE#06

Tot Ion:168 Resp: 1367432

Ion Ratio Lower Upper

168 100

99 52.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049275.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN049275.D (-1797) (-)

7.67

600000

500000

400000

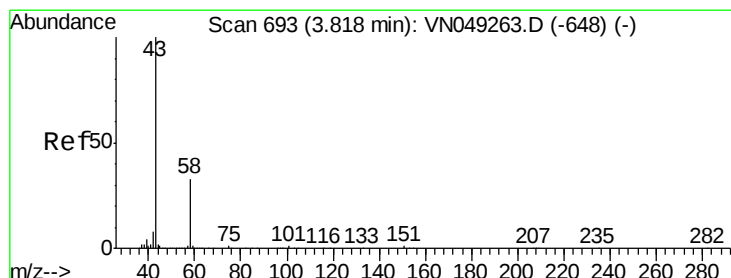
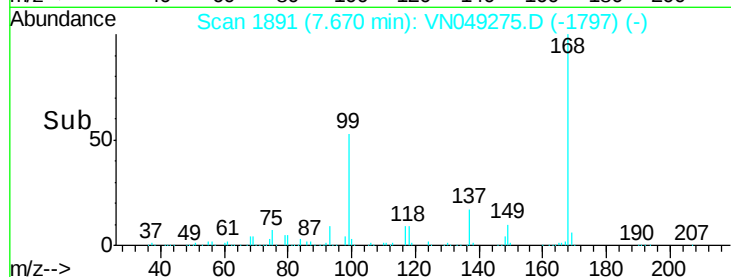
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 9.43 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049275.D

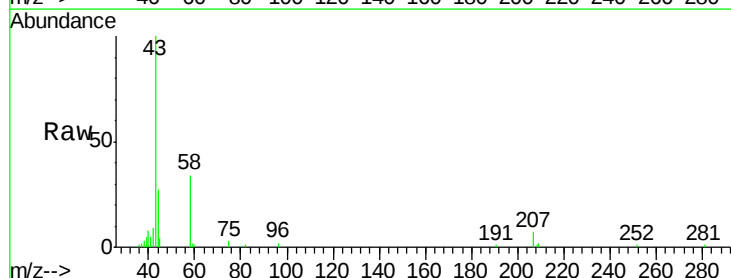
Acq: 15 Jun 2018 22:17

Tgt Ion: 43 Resp: 41507

Ion Ratio Lower Upper

43 100

58 34.6 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049275.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049275.D (-600) (-)

3.82

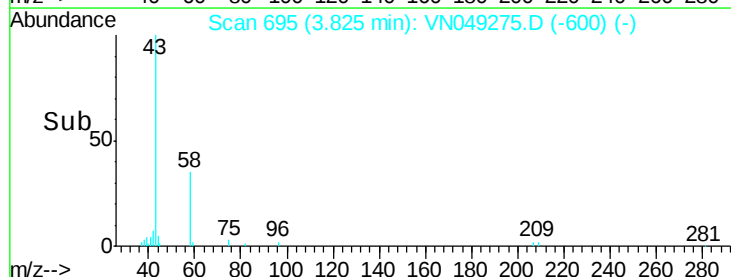
15000

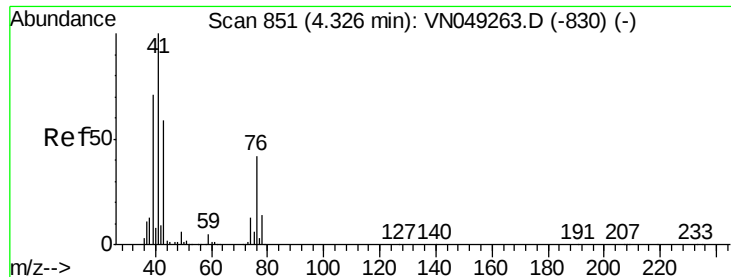
10000

5000

0

Time--> 3.75 3.80 3.85 3.90

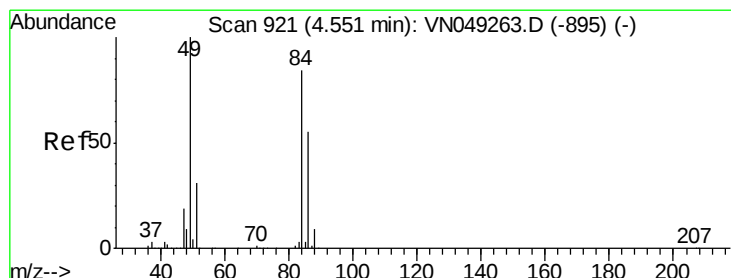
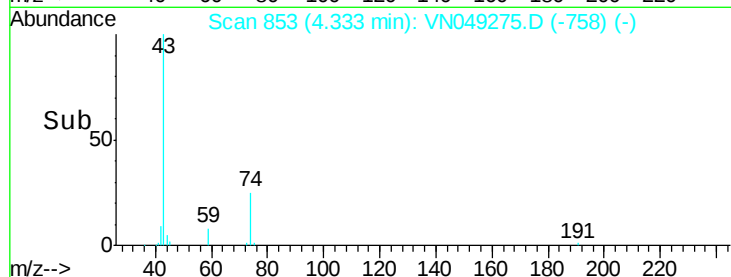
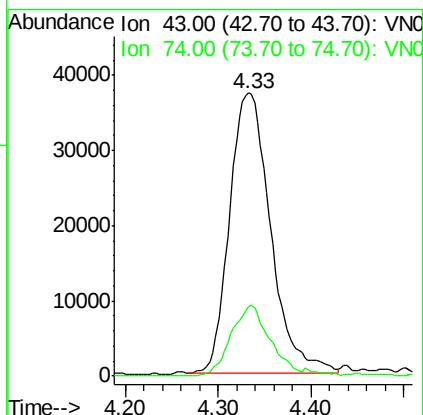
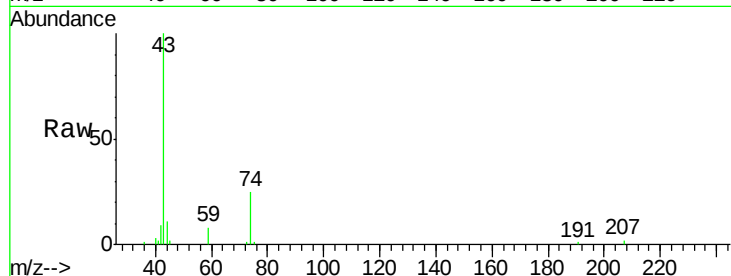




#18
Methvl Acetate
Concen: 8.57 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049275.D
Acq: 15 Jun 2018 22:17

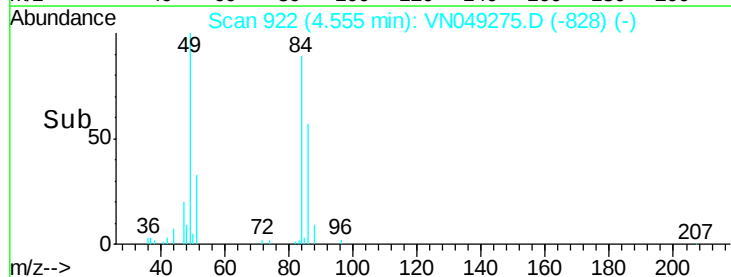
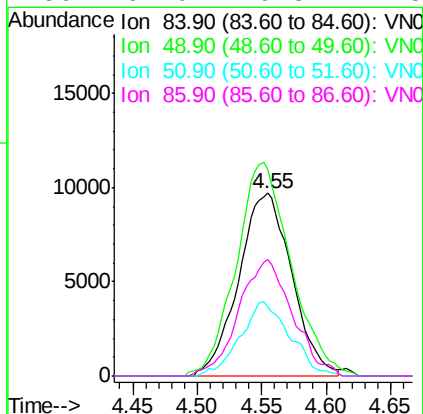
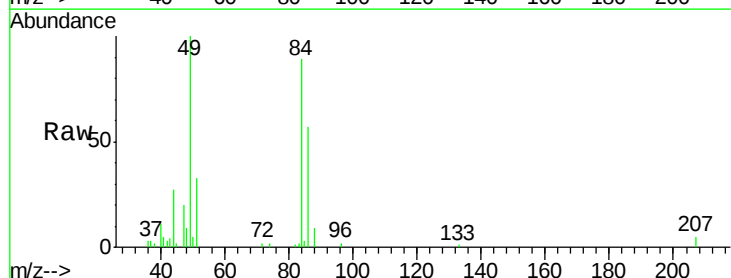
Instrument :
MSVOA_N
ClientSampleId :
PB110255ZHE#06

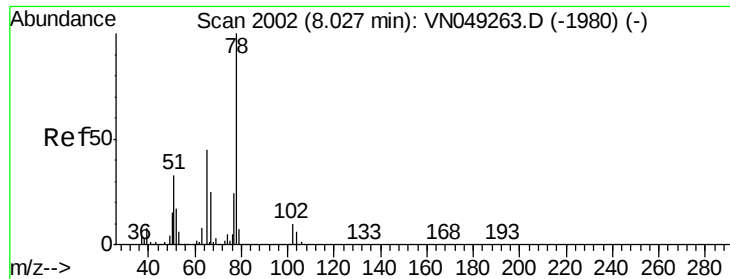
Tot Ion: 43 Resp: 115078
Ion Ratio Lower Upper
43 100
74 23.8 17.4 26.0



#20
Methylene Chloride
Concen: 1.51 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049275.D
Acq: 15 Jun 2018 22:17

Tgt Ion: 84 Resp: 27790
Ion Ratio Lower Upper
84 100
49 110.8 106.9 160.3
51 37.7 32.7 49.1
86 64.0 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 50.23 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

ClientSampleId :

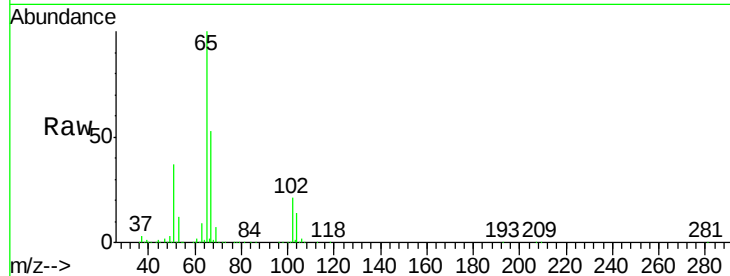
PB110255ZHE#06

Tot Ion: 65 Resp: 911099

Ion Ratio Lower Upper

65 100

67 54.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049263.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049263.D (-1980) (-)

8.03

400000

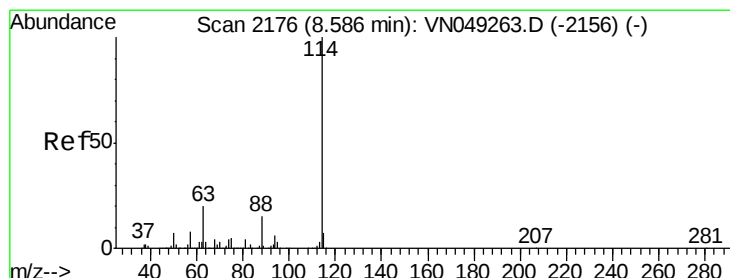
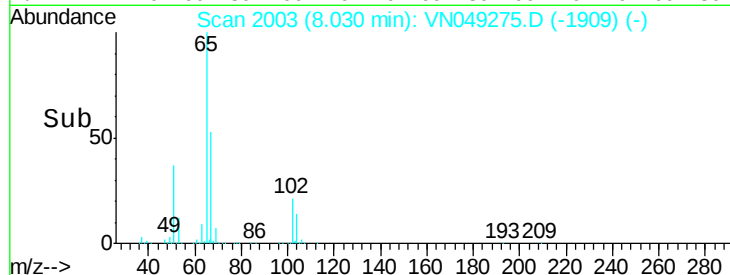
300000

200000

100000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

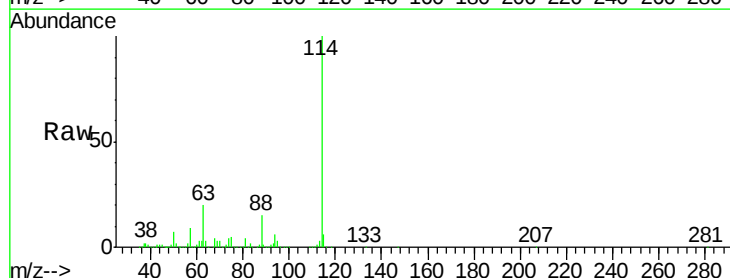
Tgt Ion: 114 Resp: 2196639

Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.4

88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049263.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049263.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049263.D (-2156) (-)

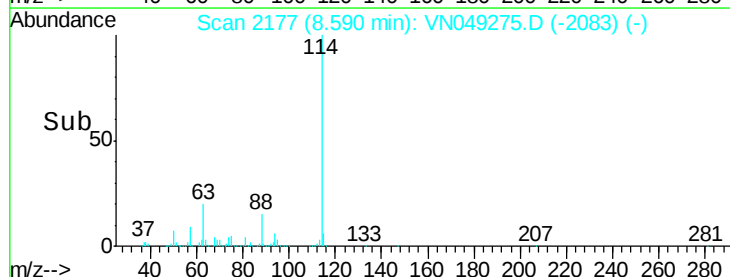
8.59

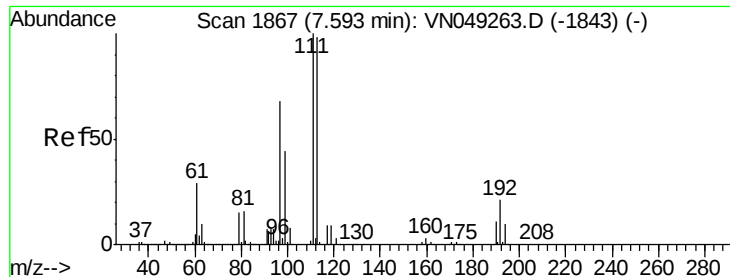
1000000

500000

0

Time--> 8.50 8.60 8.70

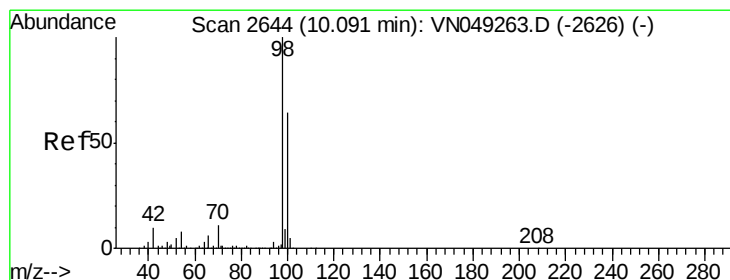
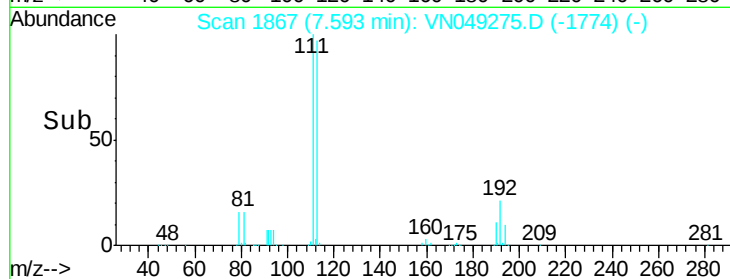
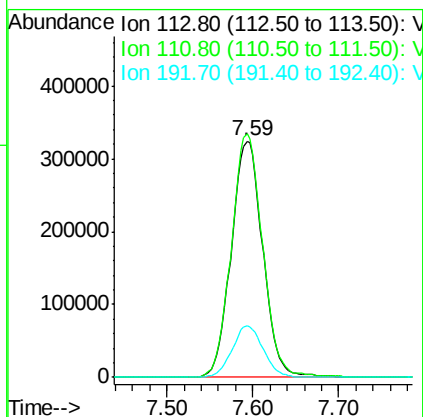
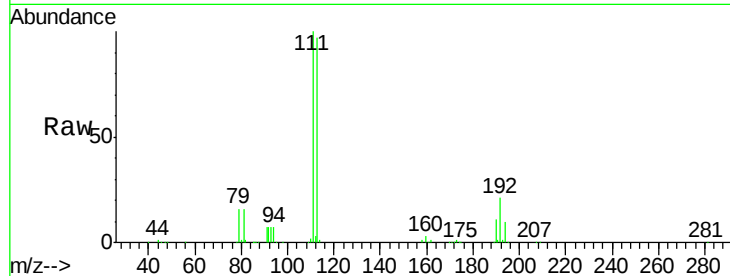




#35
Dibromofluoromethane
Concen: 46.33 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049275.D
Acq: 15 Jun 2018 22:17

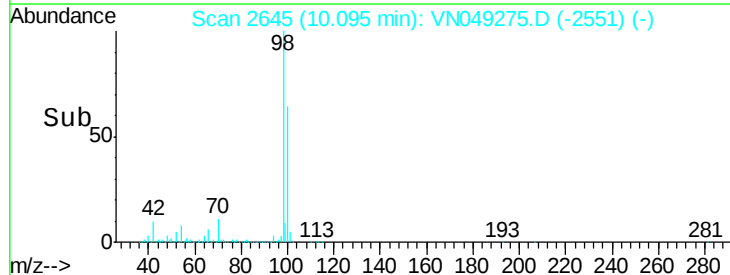
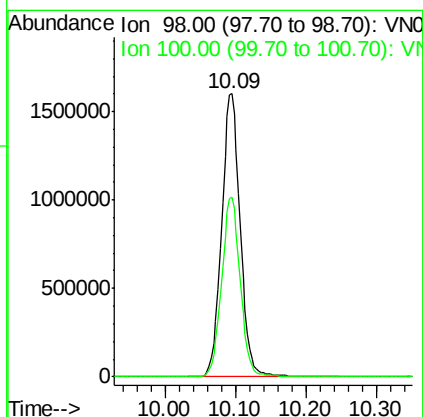
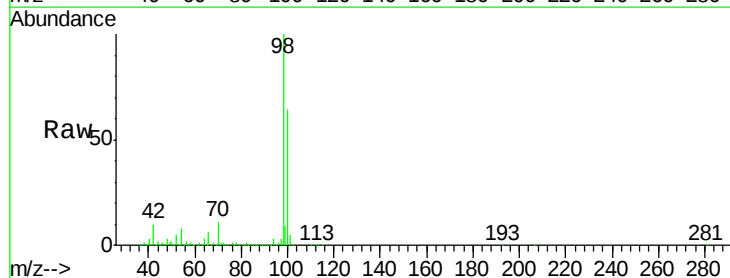
Instrument :
MSVOA_N
ClientSampleId :
PB110255ZHE#06

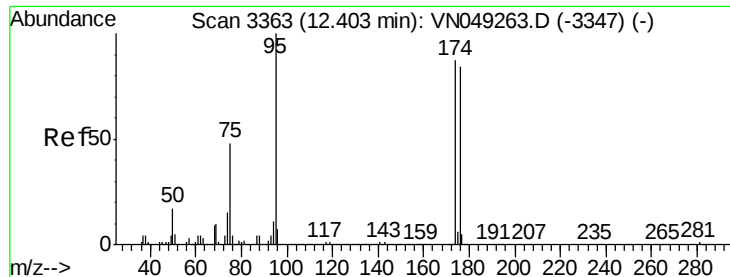
Tot Ion:113 Resp: 823309
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 21.5 15.0 22.6



#50
Toluene-d8
Concen: 43.52 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049275.D
Acq: 15 Jun 2018 22:17

Tgt Ion: 98 Resp: 2945266
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 30.62 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

ClientSampleId :

PB110255ZHE#06

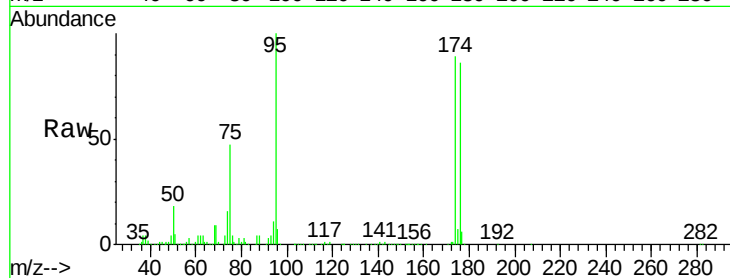
Tot Ion: 95 Resp: 685202

Ion Ratio Lower Upper

95 100

174 88.8 0.0 165.6

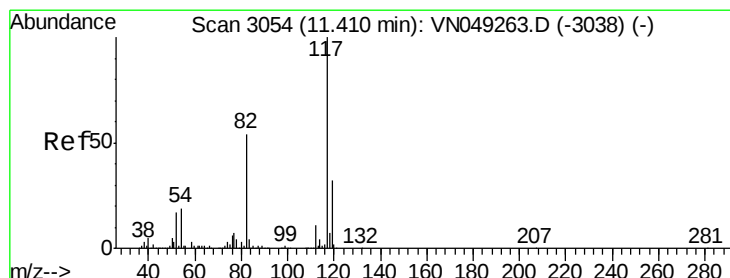
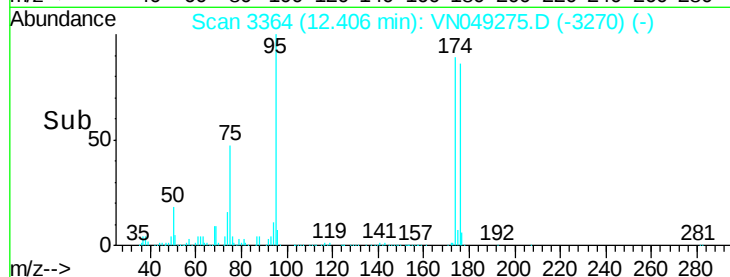
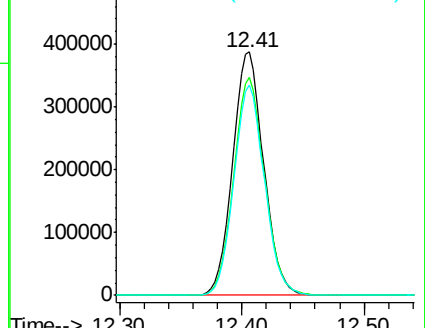
176 85.2 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

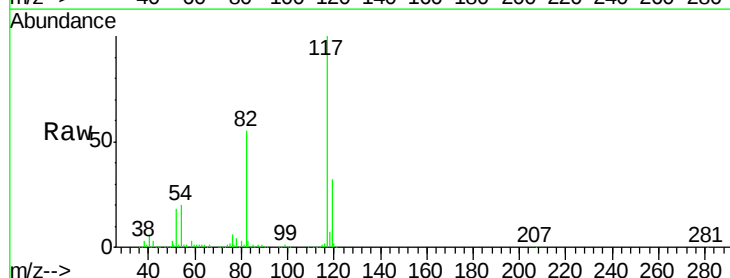
Tgt Ion: 117 Resp: 1685672

Ion Ratio Lower Upper

117 100

82 54.5 45.9 68.9

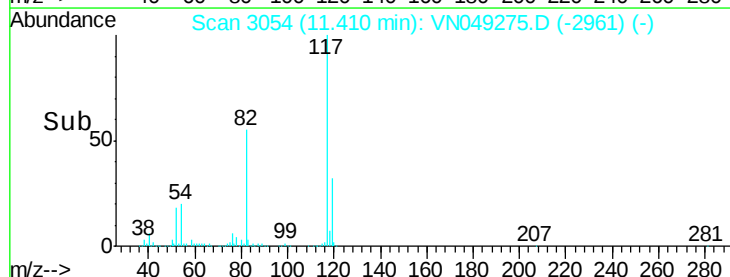
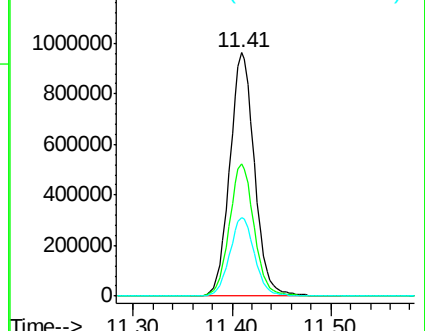
119 32.4 25.5 38.3

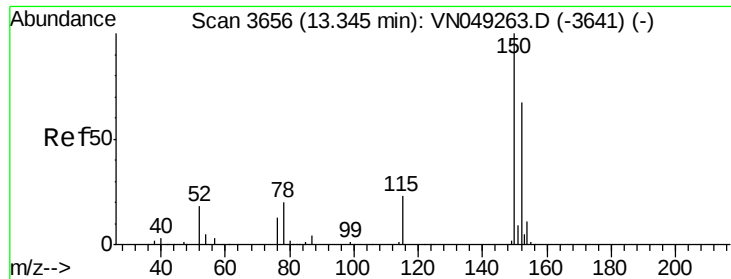


Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.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: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

ClientSampleId :

PB110255ZHE#06

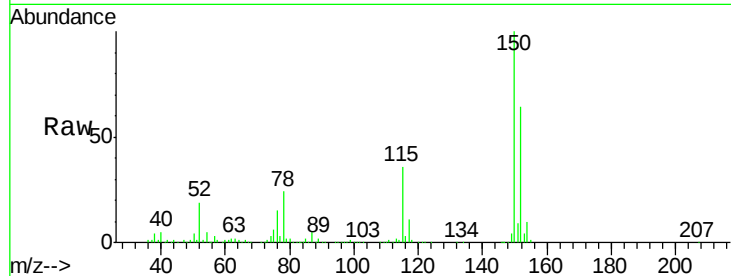
Tot Ion:152 Resp: 458470

Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.1

150 158.5 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

