

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049519.D
 Acq On : 25 Jun 2018 18:55
 Operator : MD\SY
 Sample : PB110537ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#04

Quant Time: Jun 26 02:16:05 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	1154601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1750647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1463035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	342263	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	762907	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	7.59	113	676815	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
50) Toluene-d8	10.09	98	2454486	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	
62) 4-Bromofluorobenzene	12.41	95	558025	31.29	ug/l	0.00
Spiked Amount			Recovery	=	62.58%	

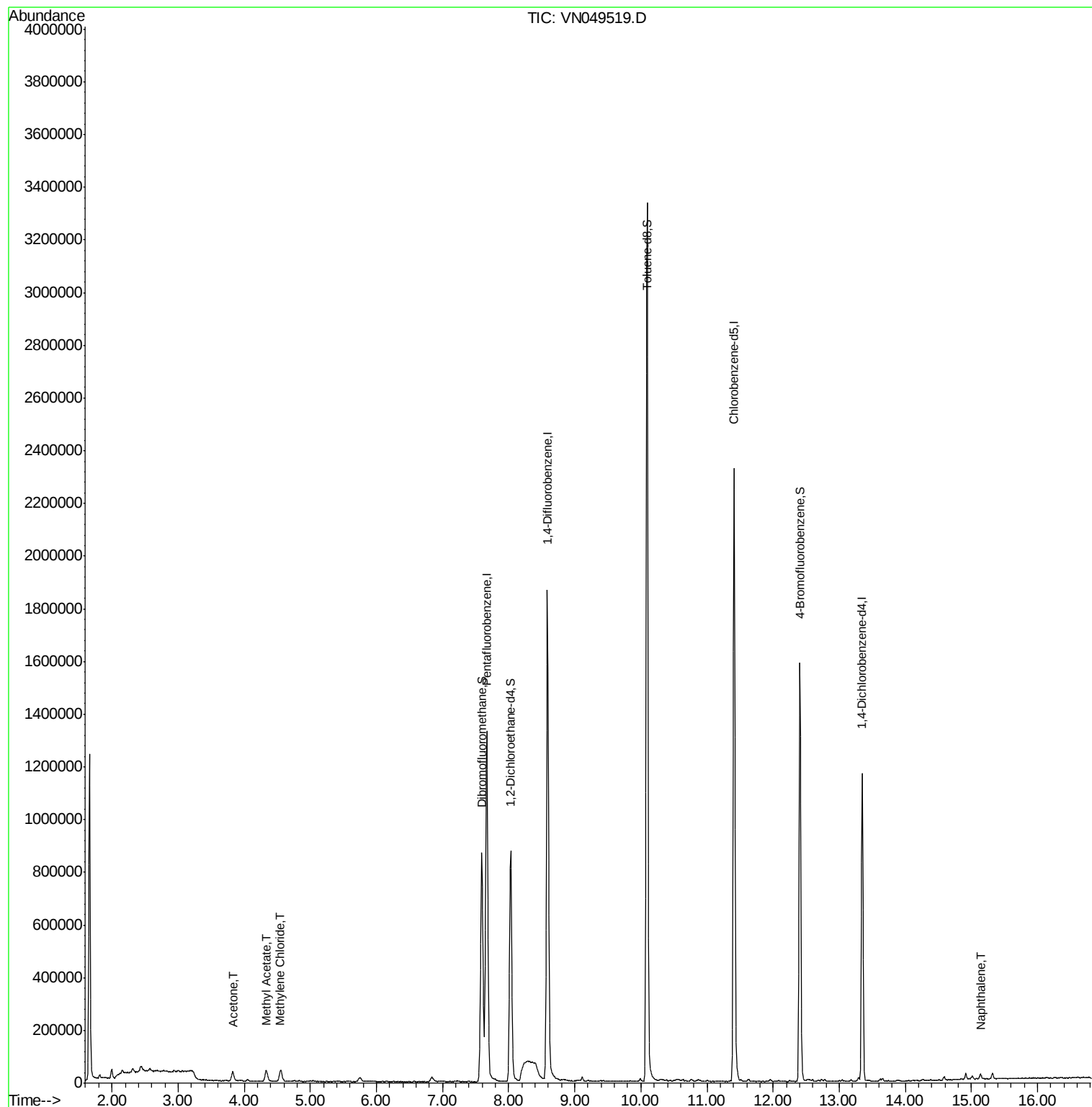
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	58175	15.65	ug/l	95
18) Methyl Acetate	4.34	43	81676	7.20	ug/l	97
20) Methylene Chloride	4.55	84	32473	2.09	ug/l #	84
95) Naphthalene	15.14	128	15168	3.67	ug/l #	95

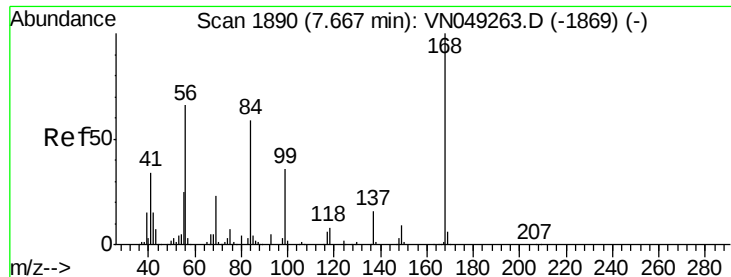
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1891

Delta R.T. 0.00 min

Lab File: VN049519.D

Acq: 25 Jun 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

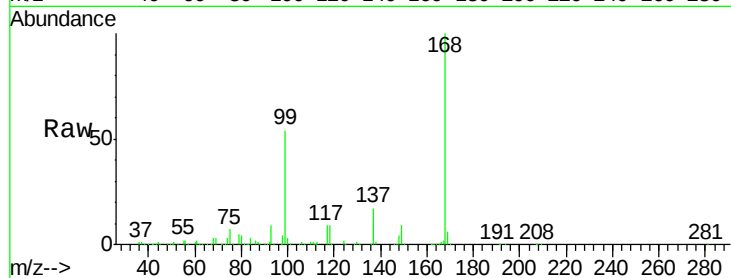
PB110537ZHE#04

Tot Ion:168 Resp: 1154601

Ion Ratio Lower Upper

168 100

99 53.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

300000

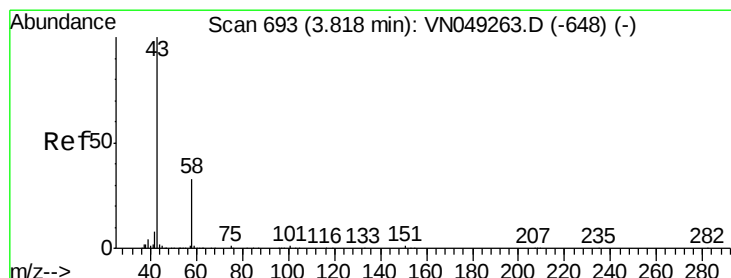
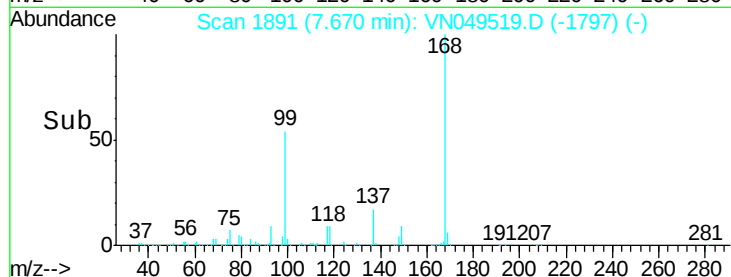
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 15.65 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049519.D

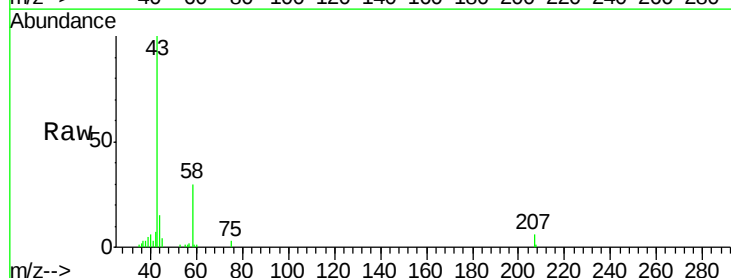
Acq: 25 Jun 2018 18:55

Tgt Ion: 43 Resp: 58175

Ion Ratio Lower Upper

43 100

58 30.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

25000

20000

15000

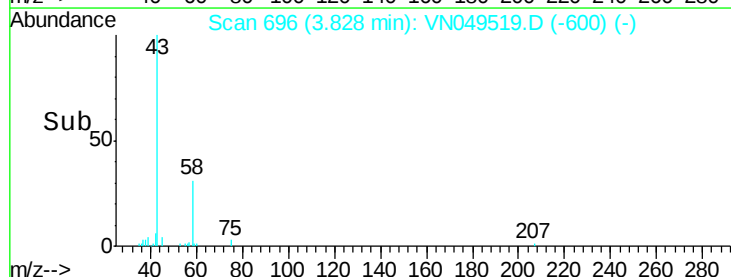
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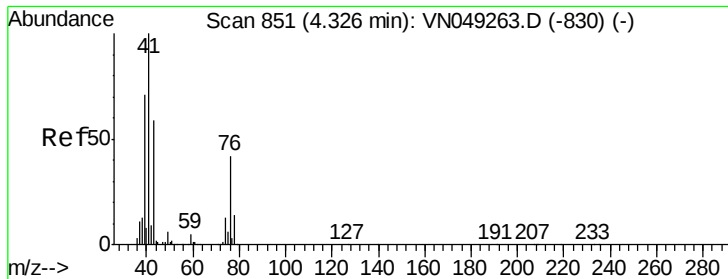
5000

0

3.70 3.80 3.90 4.00

Time-->

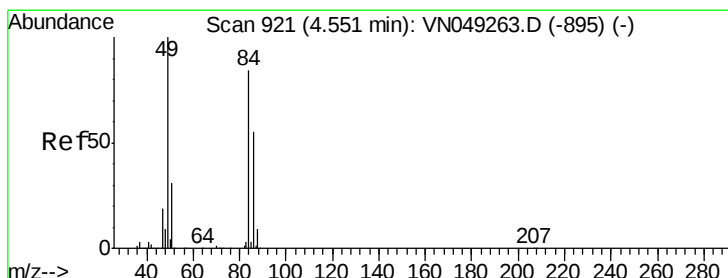
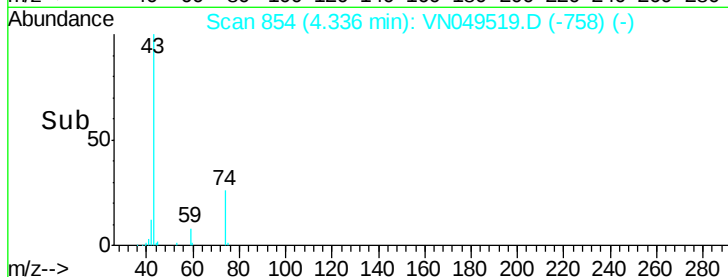
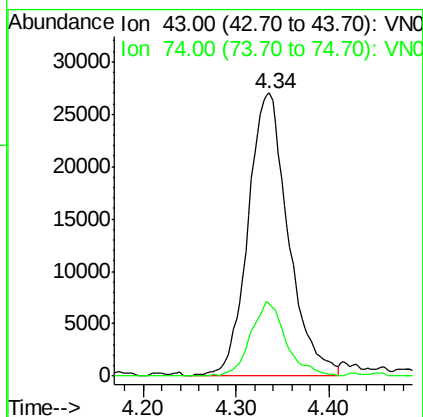
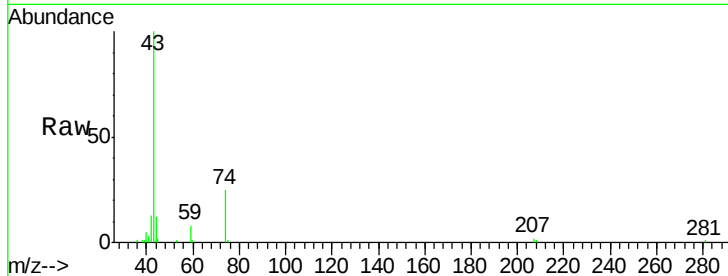




#18
Methvl Acetate
Concen: 7.20 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049519.D
Acq: 25 Jun 2018 18:55

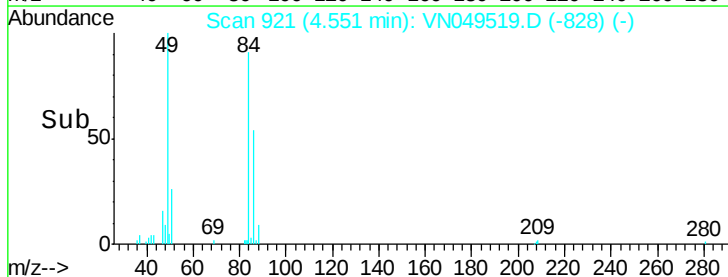
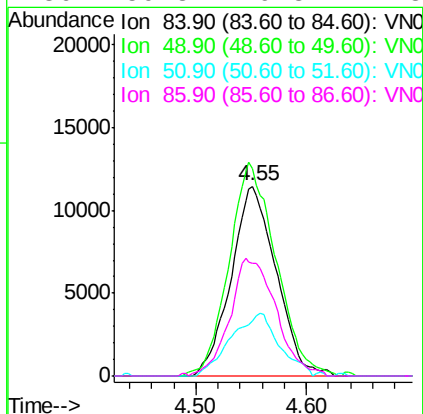
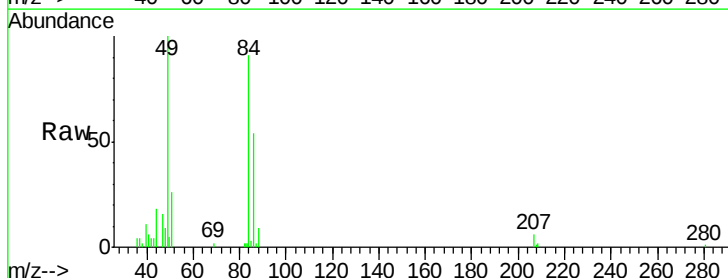
Instrument :
MSVOA_N
ClientSampleId :
PB110537ZHE#04

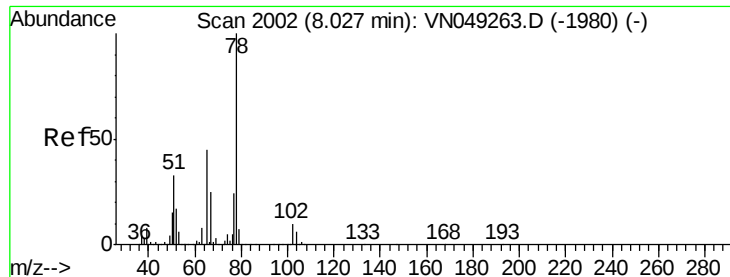
Tot Ion: 43 Resp: 81676
Ion Ratio Lower Upper
43 100
74 23.1 17.4 26.0



#20
Methylene Chloride
Concen: 2.09 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049519.D
Acq: 25 Jun 2018 18:55

Tgt Ion: 84 Resp: 32473
Ion Ratio Lower Upper
84 100
49 109.4 106.9 160.3
51 28.9 32.7 49.1#
86 59.3 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 49.82 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049519.D

Acq: 25 Jun 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

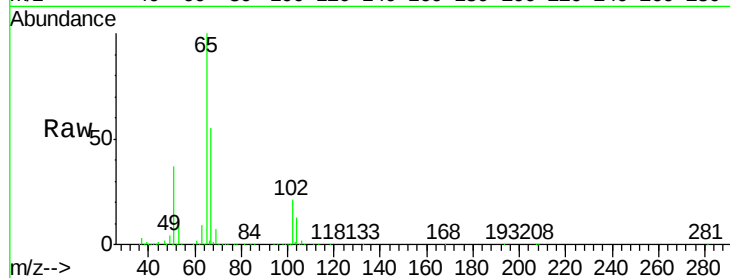
PB110537ZHE#04

Tot Ion: 65 Resp: 762907

Ion Ratio Lower Upper

65 100

67 54.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049519.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049519.D (-1909) (-)

8.03

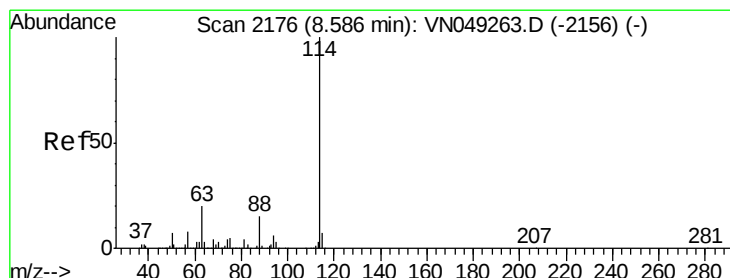
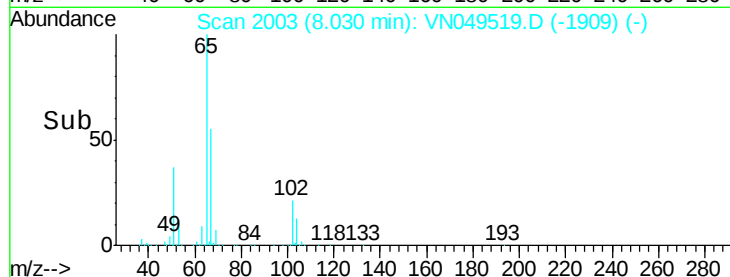
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049519.D

Acq: 25 Jun 2018 18:55

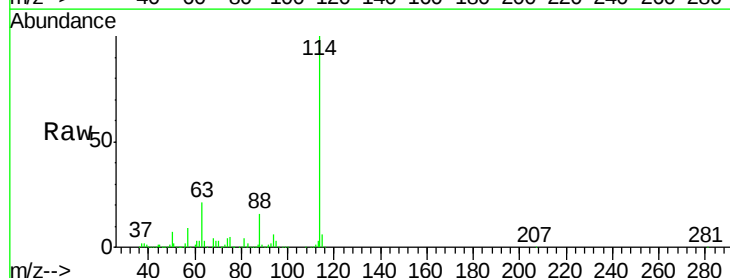
Tgt Ion: 114 Resp: 1750647

Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.4

88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049519.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049519.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049519.D (-2083) (-)

8.59

1000000

800000

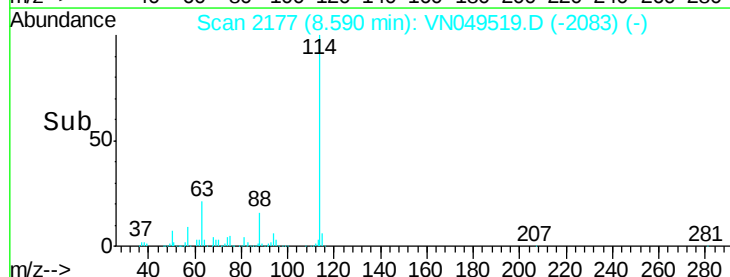
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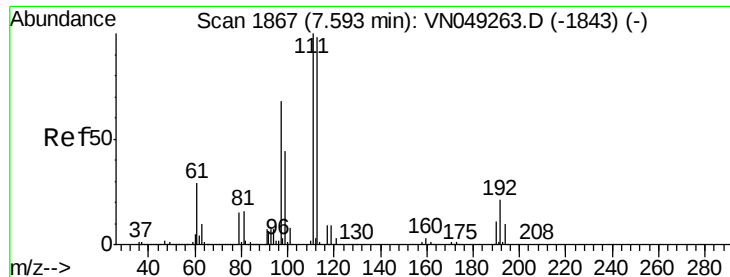
400000

200000

0

Time-->

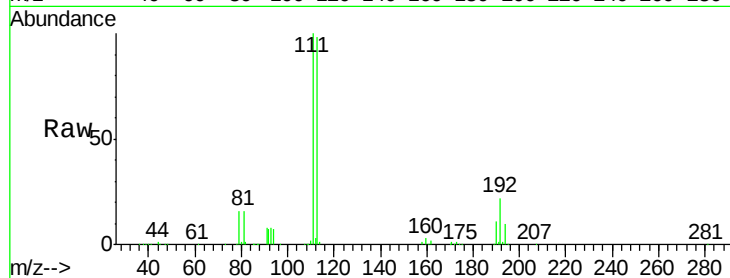




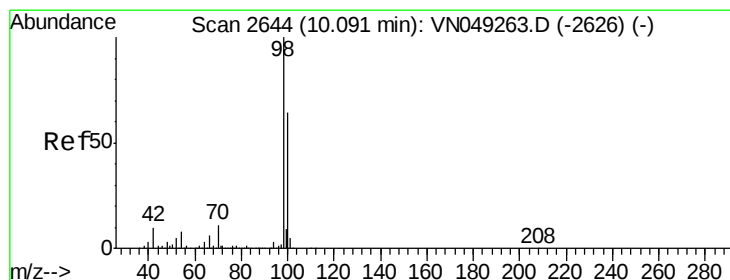
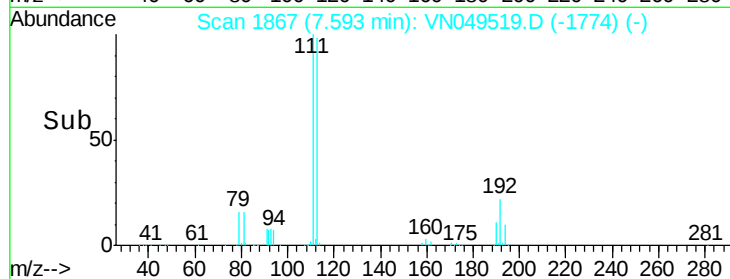
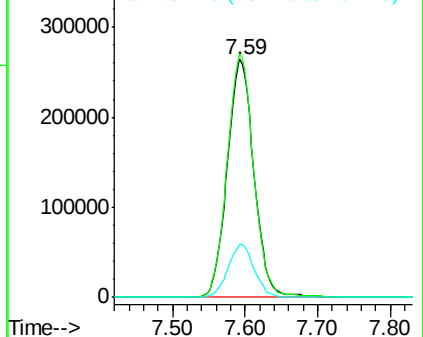
#35
 Dibromofluoromethane
 Concen: 47.79 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049519.D
 Acq: 25 Jun 2018 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#04

Tot Ion:113 Resp: 676815
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.4 123.6
 192 21.9 15.0 22.6

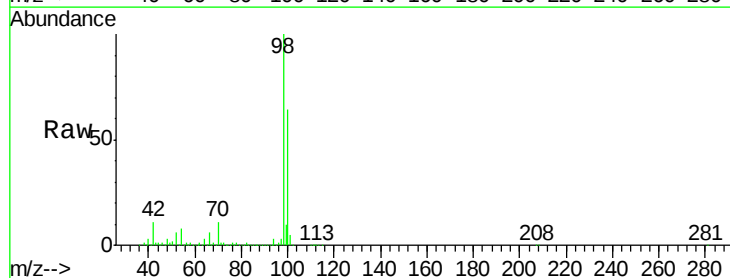


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

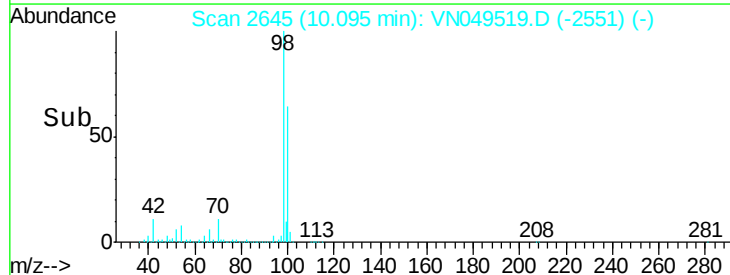
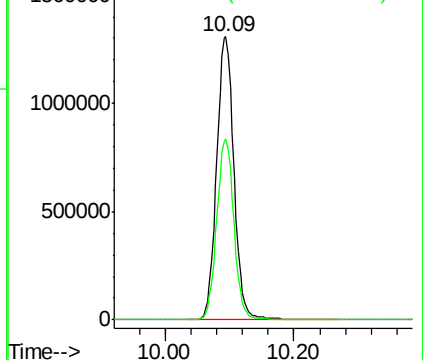


#50
 Toluene-d8
 Concen: 45.51 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049519.D
 Acq: 25 Jun 2018 18:55

Tgt Ion: 98 Resp: 2454486
 Ion Ratio Lower Upper
 98 100
 100 63.6 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: 31.29 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049519.D

Acq: 25 Jun 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#04

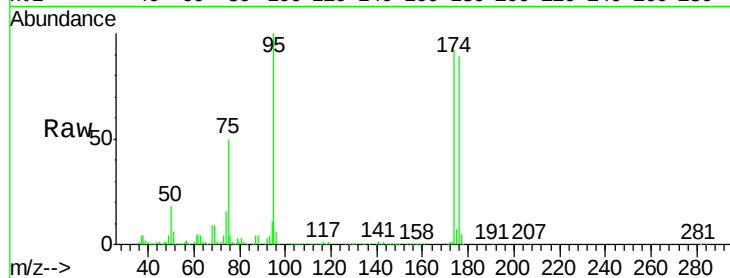
Tot Ion: 95 Resp: 558025

Ion Ratio Lower Upper

95 100

174 90.1 0.0 165.6

176 87.1 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049519.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049519.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049519.D (-3270) (-)

12.41

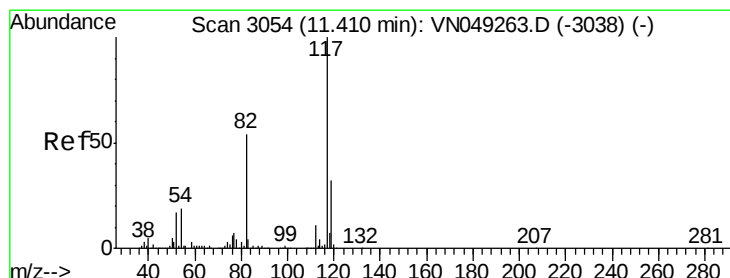
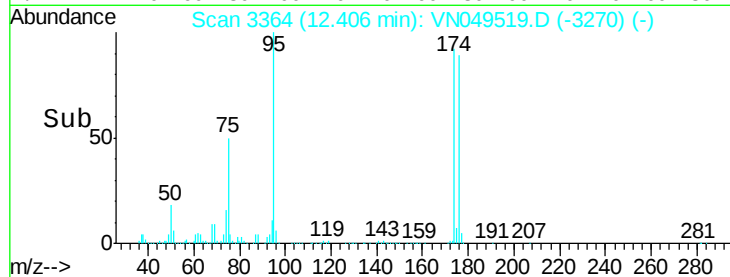
300000

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: VN049519.D

Acq: 25 Jun 2018 18:55

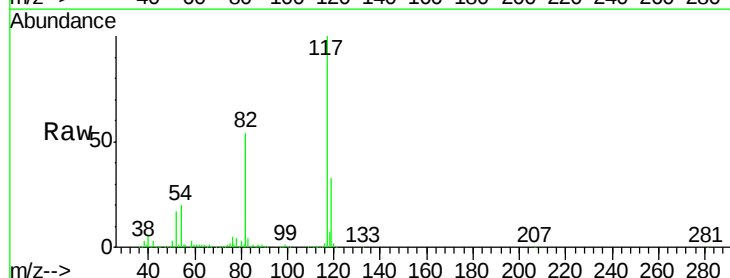
Tgt Ion: 117 Resp: 1463035

Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

119 32.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN049519.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049519.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049519.D (-2961) (-)

11.41

1000000

800000

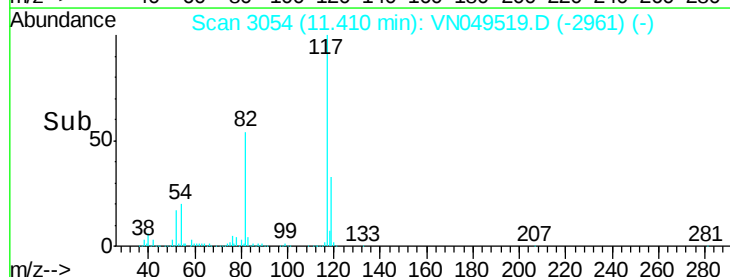
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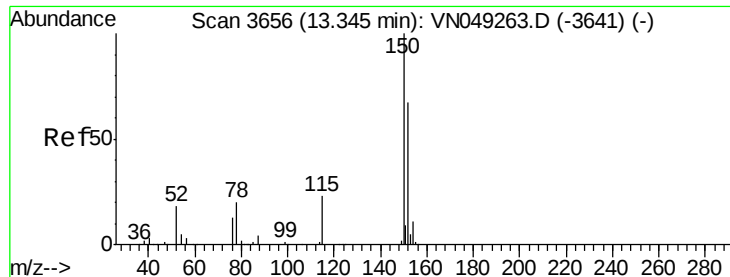
400000

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: VN049519.D

Acq: 25 Jun 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#04

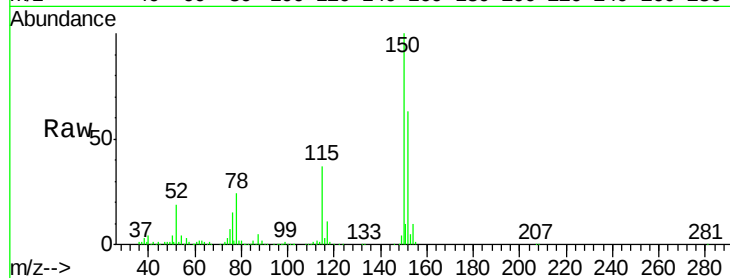
Tot Ion:152 Resp: 342263

Ion Ratio Lower Upper

152 100

115 57.2 28.7 86.1

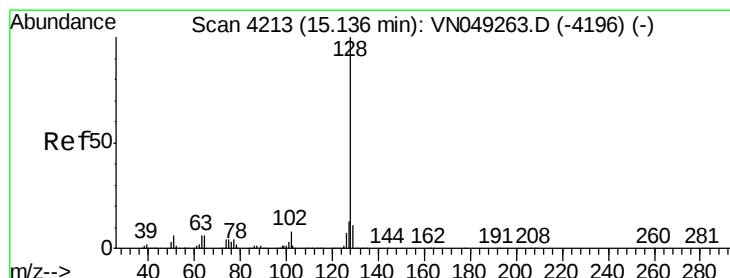
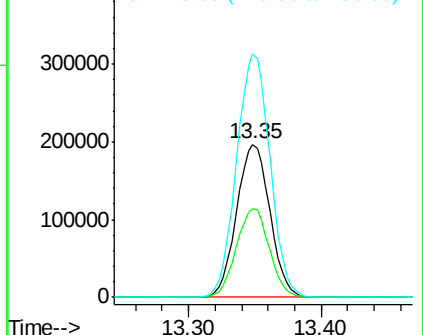
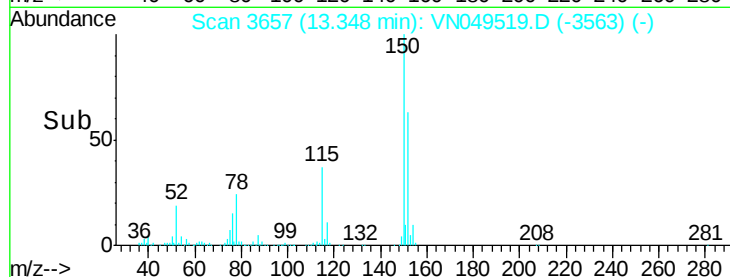
150 160.1 0.0 351.0



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



#95

Naphthalene

Concen: 3.67 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049519.D

Acq: 25 Jun 2018 18:55

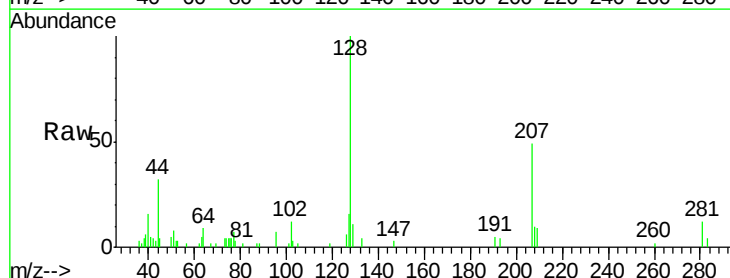
Tgt Ion:128 Resp: 15168

Ion Ratio Lower Upper

128 100

127 16.3 10.6 16.0#

129 11.4 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

