

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049503.D
 Acq On : 22 Jun 2018 20:15
 Operator : MD\SY
 Sample : J3647-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EPE-105-4(3-67)-COMP

Quant Time: Jun 22 23:29:40 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

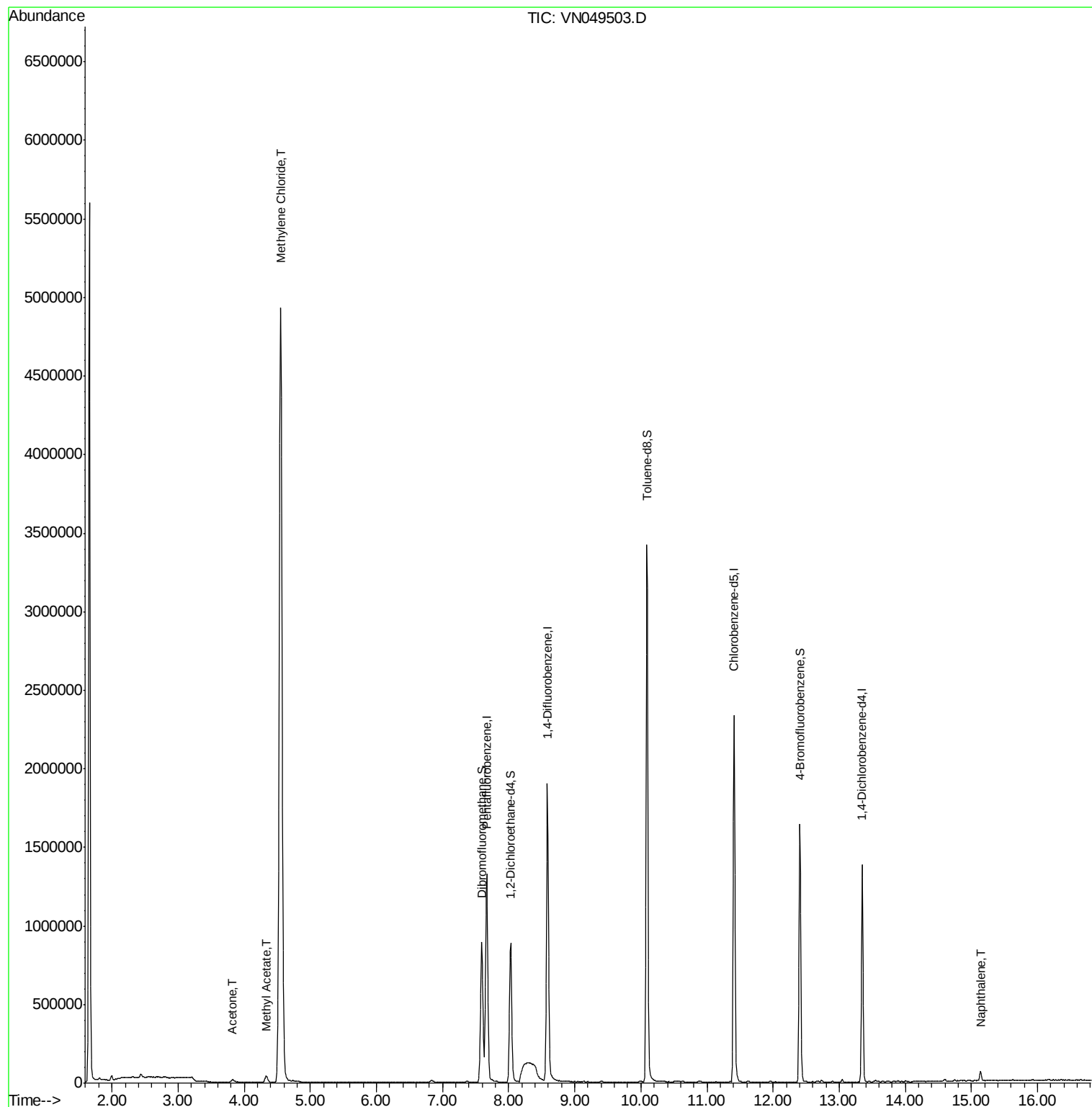
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1126927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1779732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1470226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	774099	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
35) Dibromofluoromethane	7.59	113	688090	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
50) Toluene-d8	10.09	98	2450488	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
62) 4-Bromofluorobenzene	12.41	95	589663	32.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.06%	
Target Compounds						
16) Acetone	3.82	43	26713	7.36	ug/l	# 86
18) Methyl Acetate	4.33	43	82250	7.43	ug/l	98
20) Methylene Chloride	4.55	84	3840586	253.38	ug/l	91
95) Naphthalene	15.14	128	54039	6.90	ug/l	98

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

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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: VN049503.D

Acq: 22 Jun 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

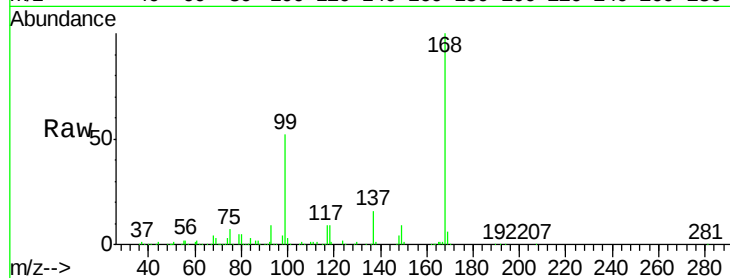
EPE-105-4(3-67)-COMP

Tot Ion:168 Resp: 1126927

Ion Ratio Lower Upper

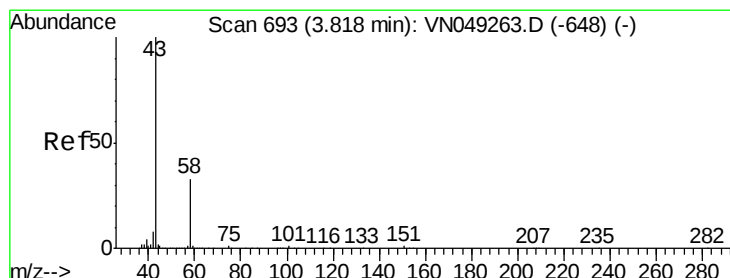
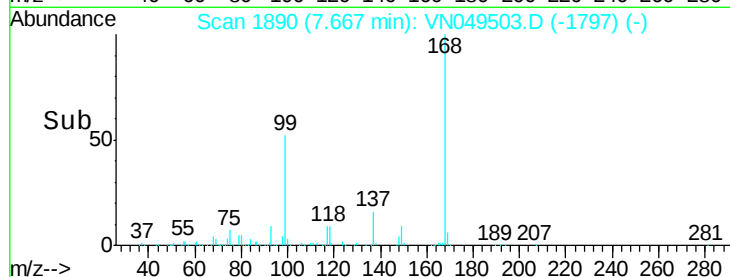
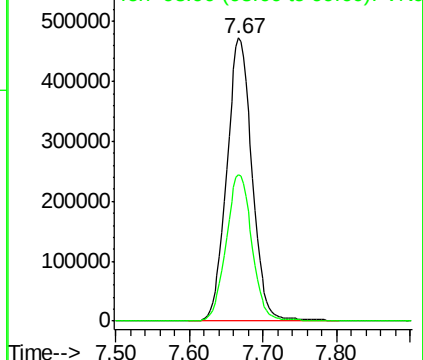
168 100

99 51.9 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: 7.36 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049503.D

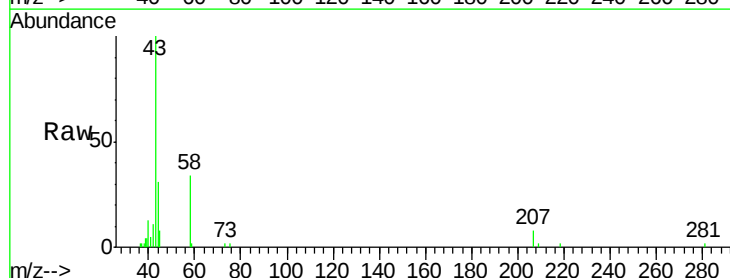
Acq: 22 Jun 2018 20:15

Tgt Ion: 43 Resp: 26713

Ion Ratio Lower Upper

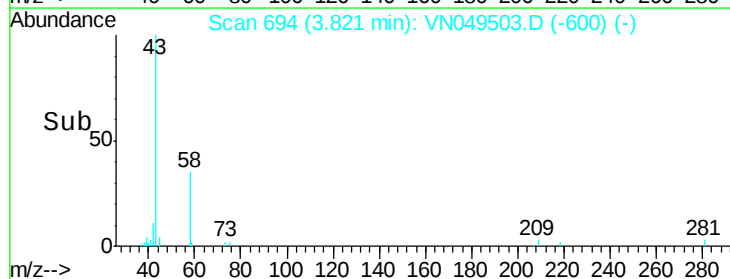
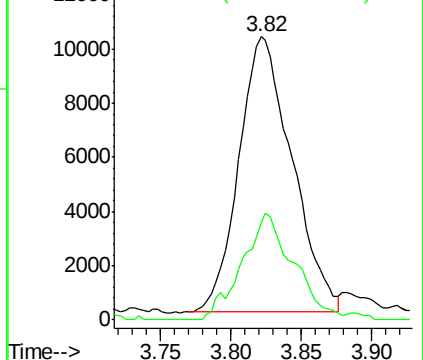
43 100

58 35.4 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: 7.43 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049503.D

Acq: 22 Jun 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

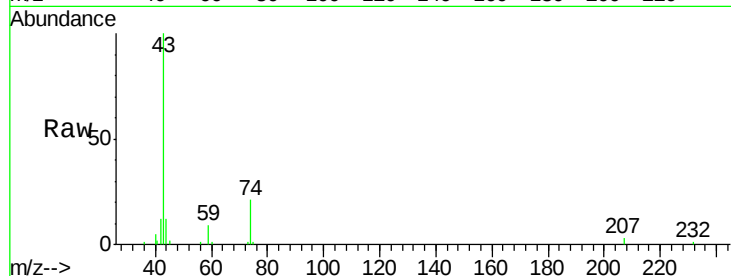
EPE-105-4(3-67)-COMP

Tot Ion: 43 Resp: 82250

Ion Ratio Lower Upper

43 100

74 22.7 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

30000

25000

20000

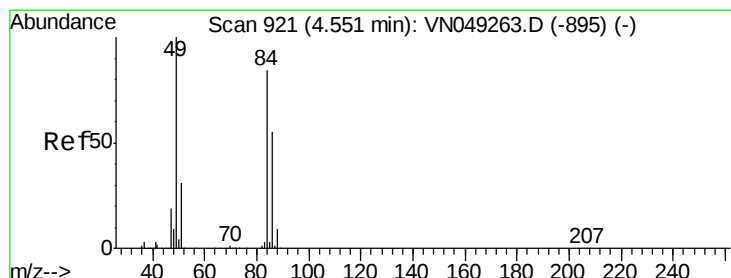
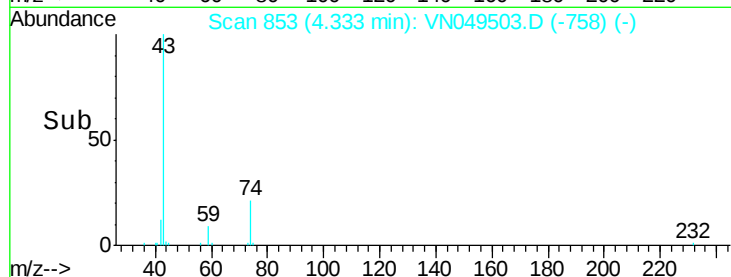
15000

10000

5000

0

Time--> 4.20 4.30 4.40



#20

Methylene Chloride

Concen: 253.38 ug/l

RT: 4.55 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN049503.D

Acq: 22 Jun 2018 20:15

Tgt Ion: 84 Resp: 3840586

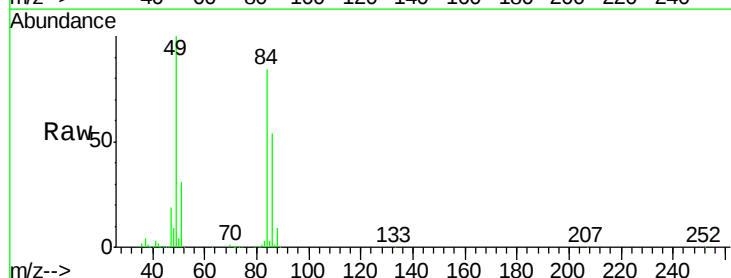
Ion Ratio Lower Upper

84 100

49 118.4 106.9 160.3

51 36.7 32.7 49.1

86 63.8 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

2000000

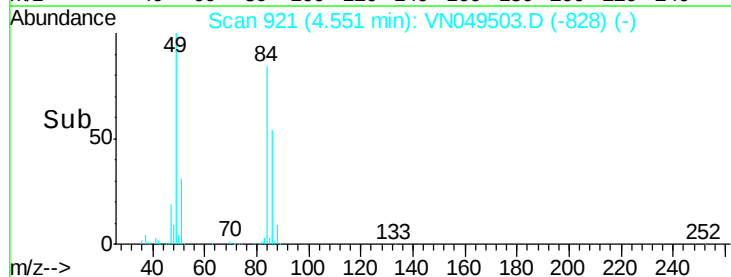
1500000

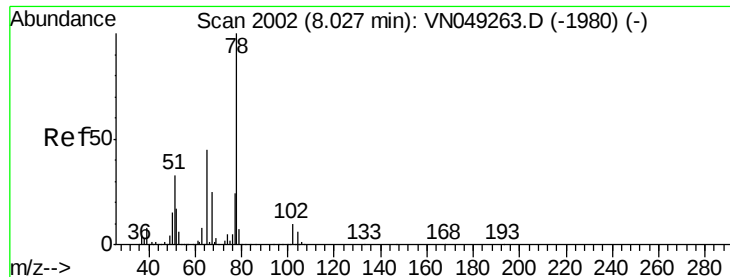
1000000

500000

0

Time--> 4.40 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 51.79 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049503.D

Acq: 22 Jun 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

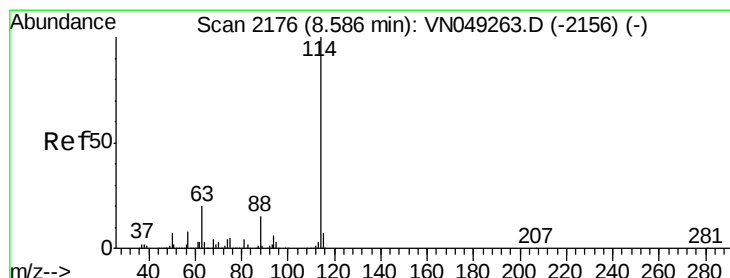
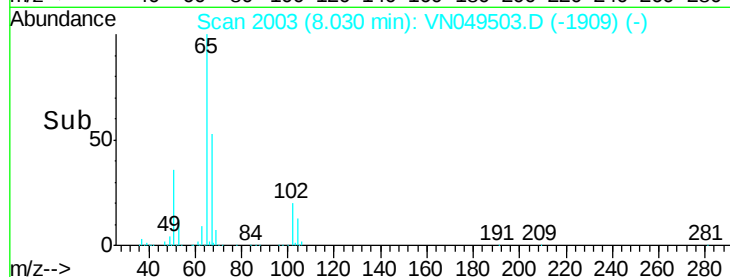
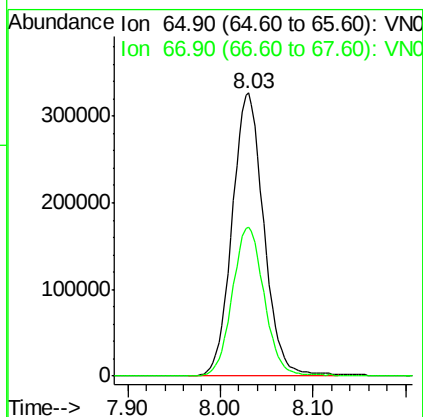
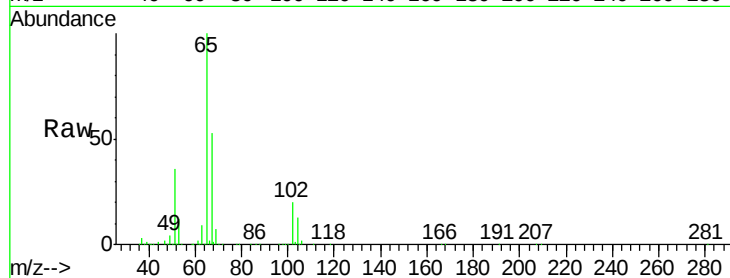
EPE-105-4(3-67)-COMP

Tot Ion: 65 Resp: 774099

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049503.D

Acq: 22 Jun 2018 20:15

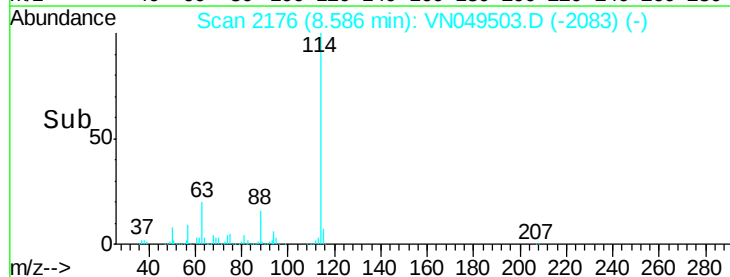
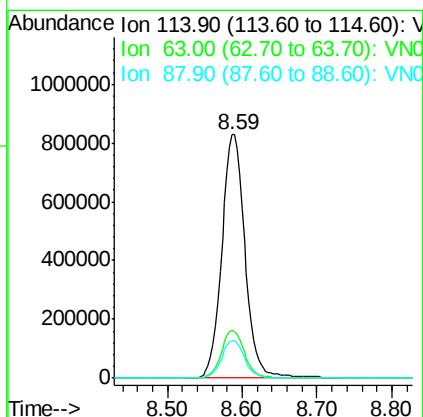
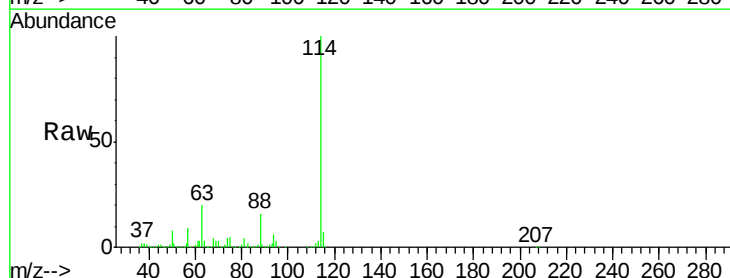
Tgt Ion: 114 Resp: 1779732

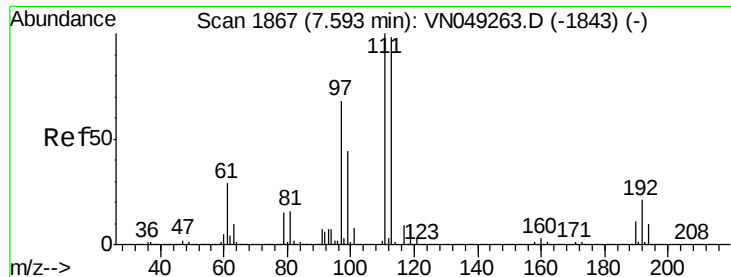
Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

88 15.6 0.0 31.4

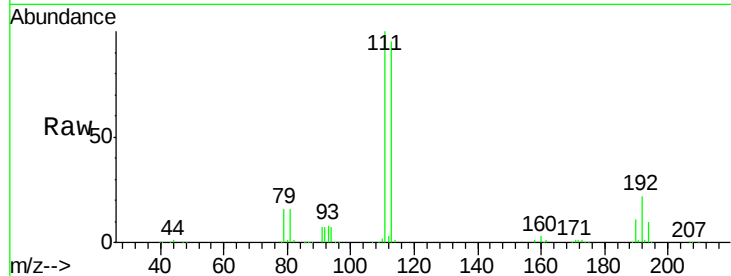




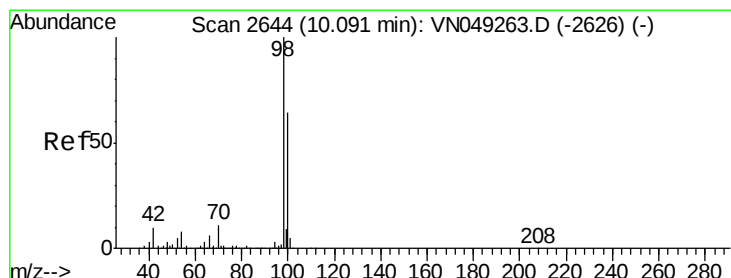
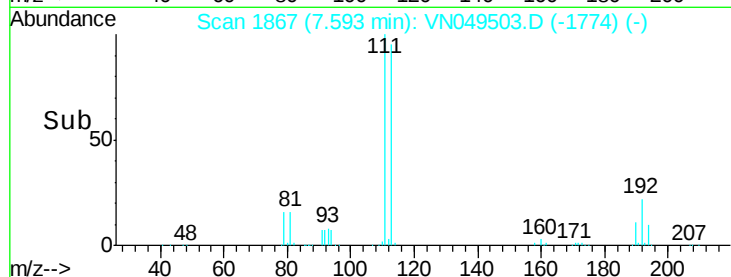
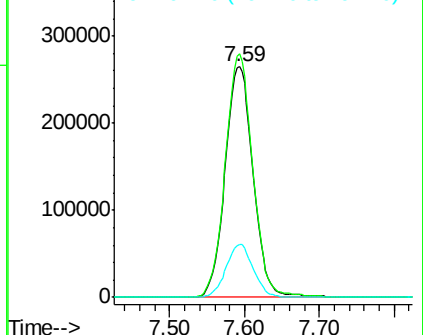
#35
Dibromofluoromethane
Concen: 47.79 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN049503.D
Acq: 22 Jun 2018 20:15

Instrument :
MSVOA_N
ClientSampleId :
EPE-105-4(3-67)-COMP

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	22.4	15.0	22.6

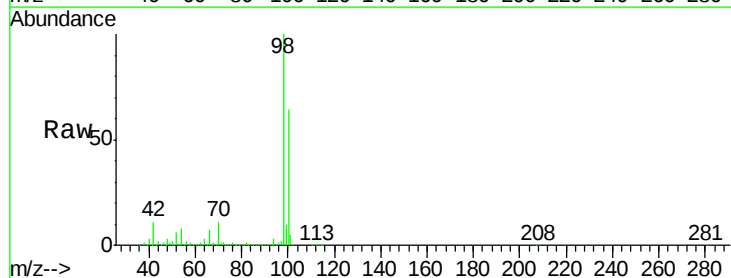


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

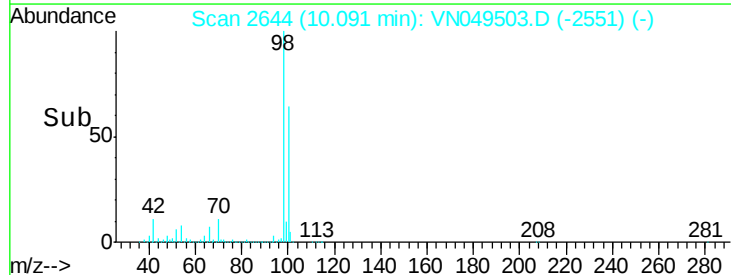
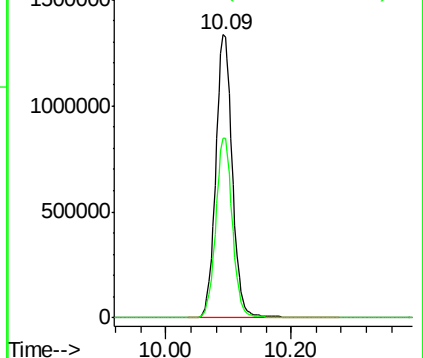


#50
Toluene-d8
Concen: 44.70 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049503.D
Acq: 22 Jun 2018 20:15

Tgt 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: 32.53 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049503.D

Acq: 22 Jun 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

EPE-105-4(3-67)-COMP

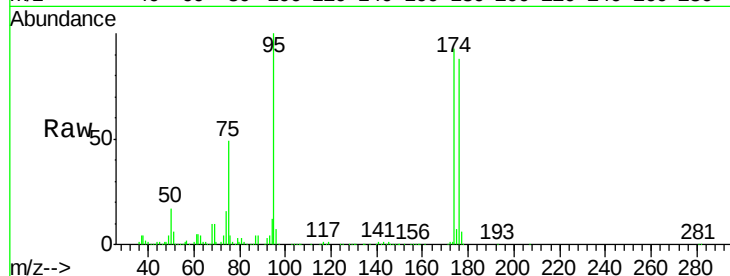
Tot Ion: 95 Resp: 589663

Ion Ratio Lower Upper

95 100

174 90.6 0.0 165.6

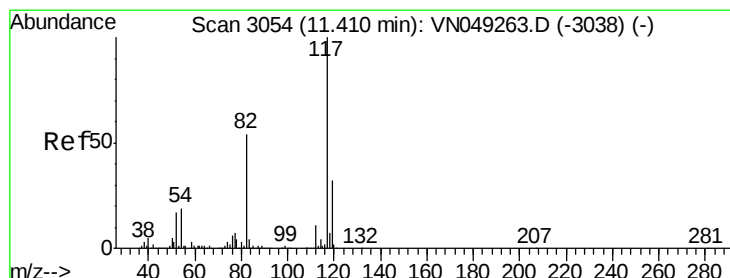
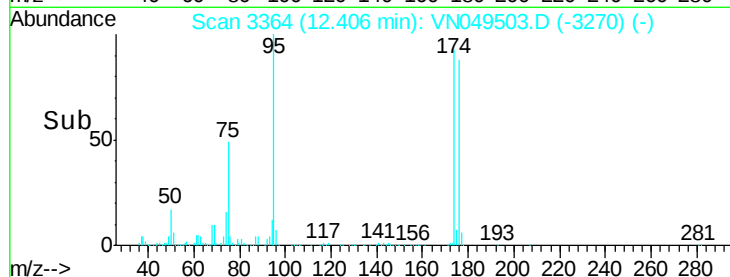
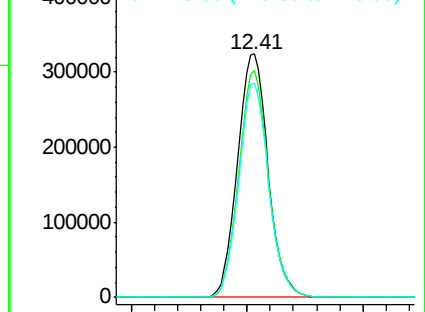
176 86.4 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049503.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049503.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049503.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049503.D

Acq: 22 Jun 2018 20:15

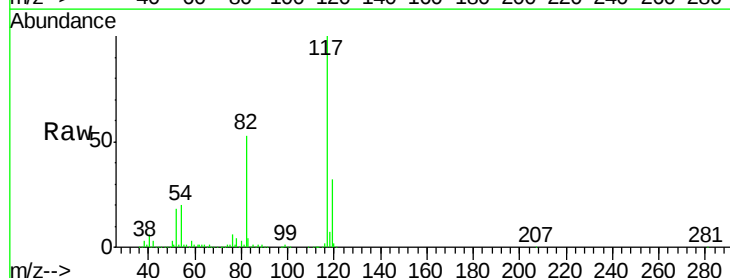
Tgt Ion: 117 Resp: 1470226

Ion Ratio Lower Upper

117 100

82 52.8 45.9 68.9

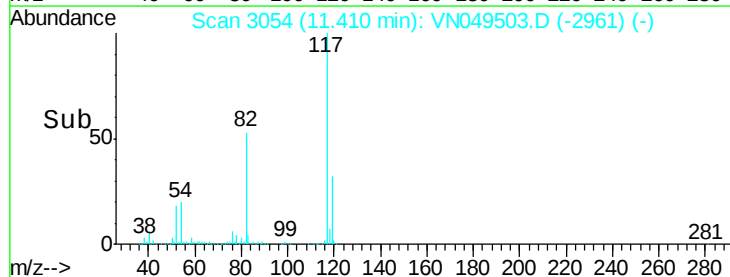
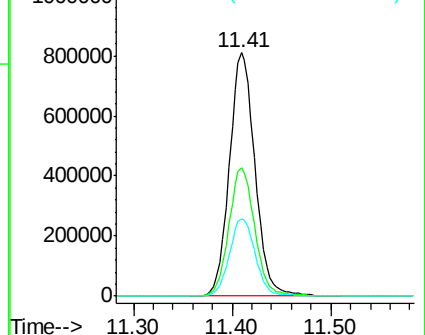
119 31.5 25.5 38.3

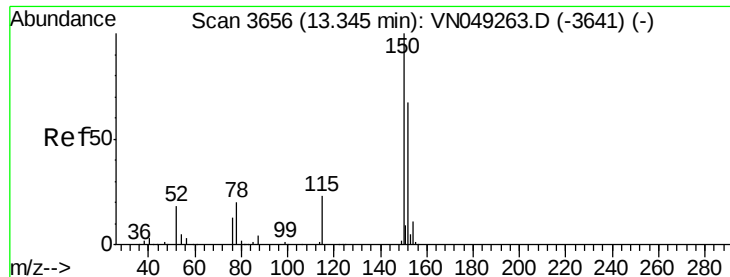


Abundance Ion 116.90 (116.60 to 117.60): VN049503.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049503.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049503.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049503.D

Acq: 22 Jun 2018 20:15

Instrument :

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ClientSampleId :

EPE-105-4(3-67)-COMP

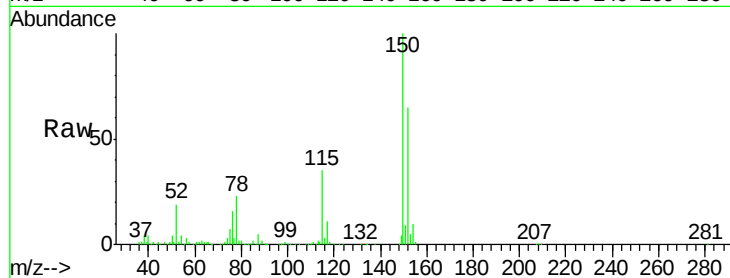
Tot Ion:152 Resp: 399351

Ion Ratio Lower Upper

152 100

115 55.9 28.7 86.1

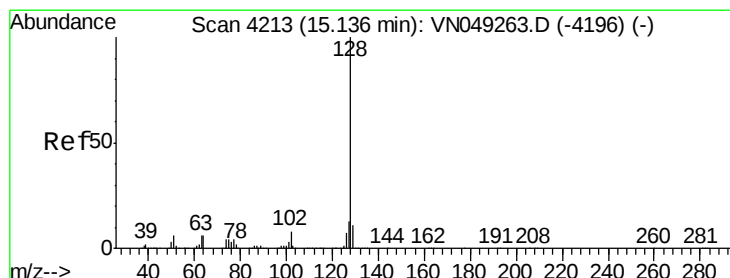
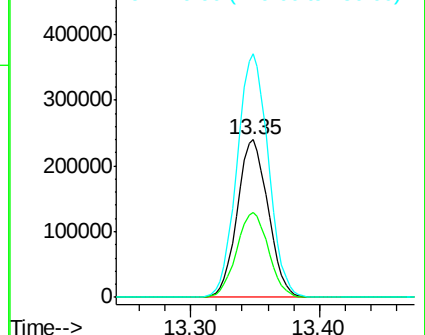
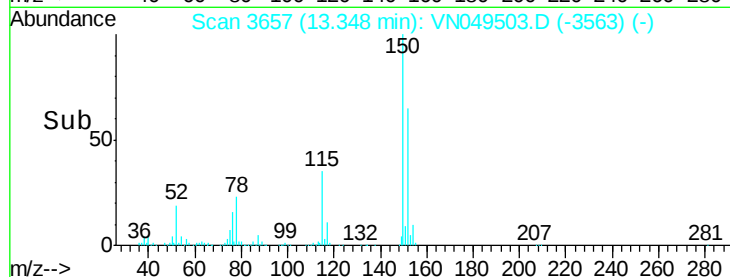
150 156.8 0.0 351.0



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: 6.90 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049503.D

Acq: 22 Jun 2018 20:15

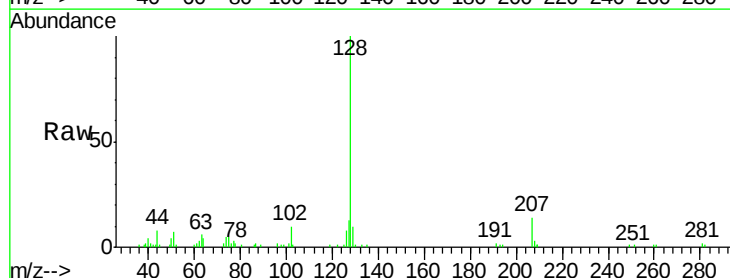
Tgt Ion:128 Resp: 54039

Ion Ratio Lower Upper

128 100

127 14.2 10.6 16.0

129 10.1 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

