

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049557.D
 Acq On : 26 Jun 2018 17:14
 Operator : MD\SY
 Sample : J3697-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EPE-109-6-COMPOSITE(10-47)

Quant Time: Jun 27 01:46:18 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

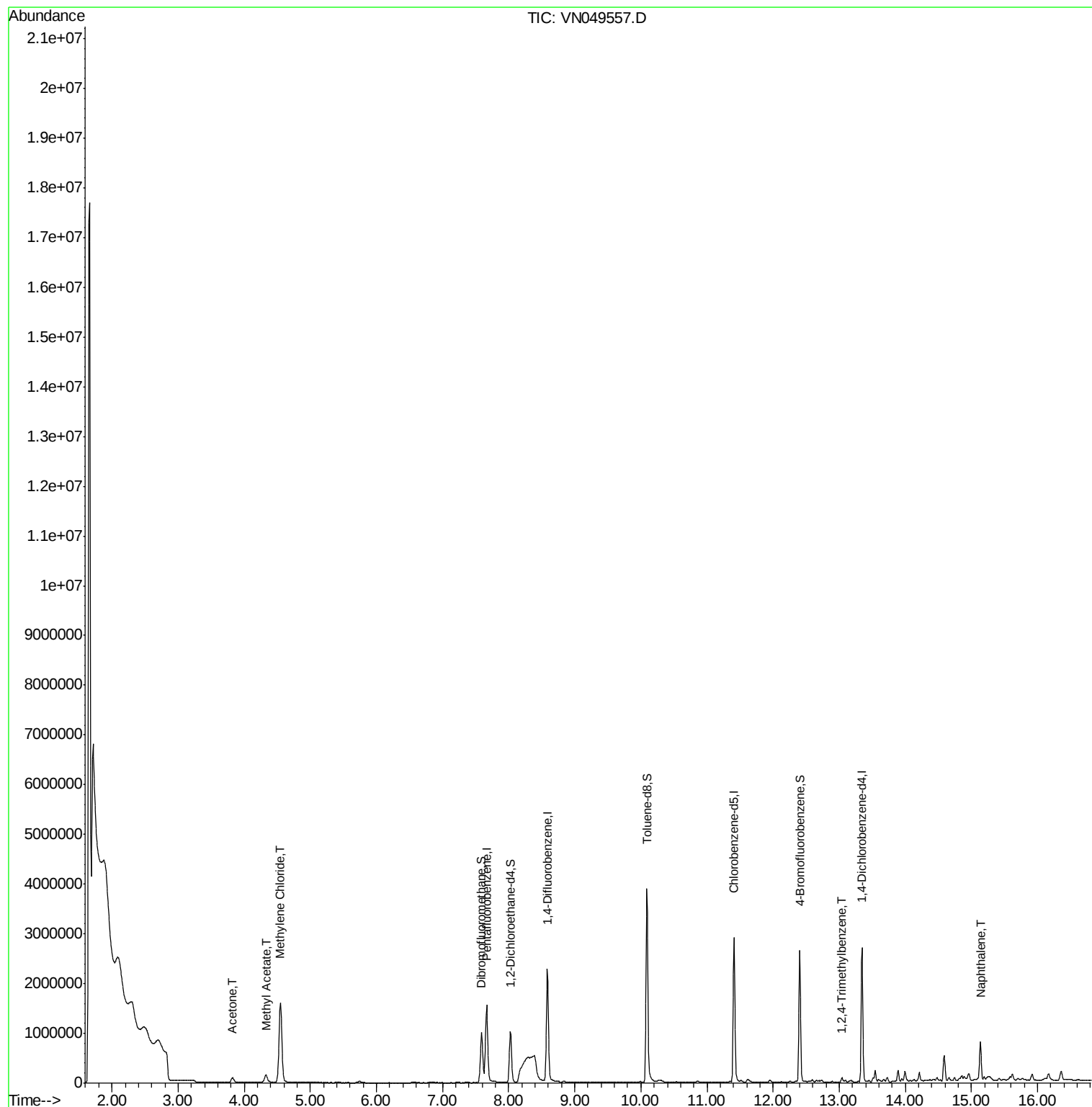
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1395201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2210540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1846100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	772865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	882285	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
35) Dibromofluoromethane	7.59	113	777218	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.92%	
50) Toluene-d8	10.09	98	2983024	43.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.62%	
62) 4-Bromofluorobenzene	12.40	95	904168	40.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.32%	
Target Compounds						
16) Acetone	3.82	43	189541	42.19	ug/l	# 89
18) Methyl Acetate	4.33	43	286071	20.88	ug/l	91
20) Methylene Chloride	4.55	84	1231578	65.63	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	52968	1.00	ug/l	99
95) Naphthalene	15.14	128	683589	31.40	ug/l	99

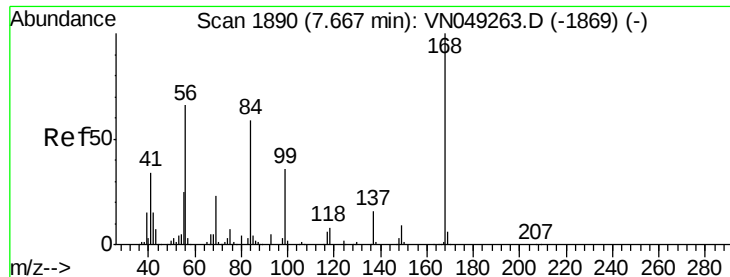
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
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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: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

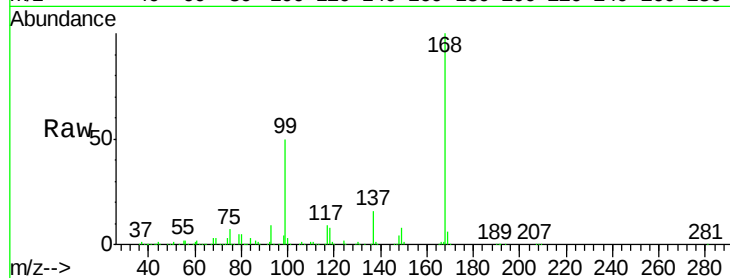
EPE-109-6-COMPOSITE(10-47)

Tot Ion:168 Resp: 1395201

Ion Ratio Lower Upper

168 100

99 49.5 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

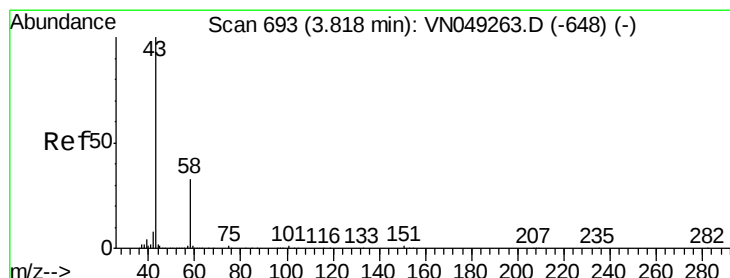
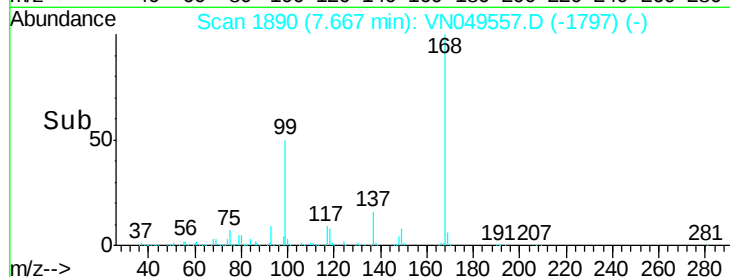
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 42.19 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049557.D

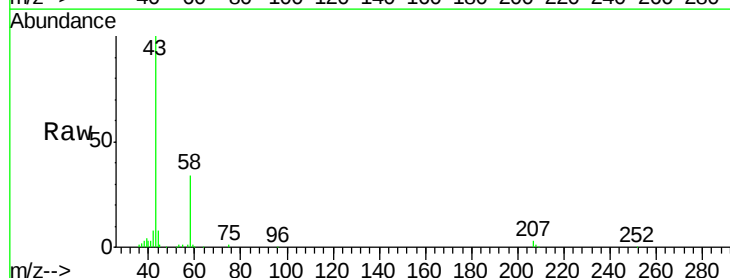
Acq: 26 Jun 2018 17:14

Tgt Ion: 43 Resp: 189541

Ion Ratio Lower Upper

43 100

58 33.8 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

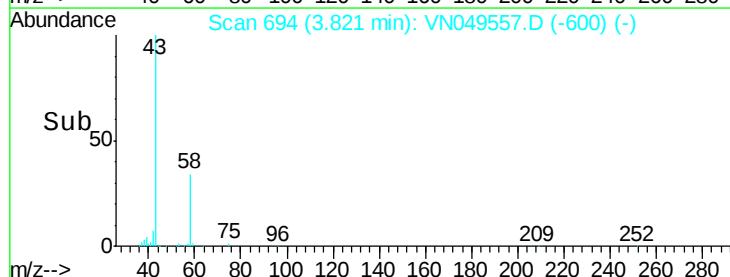
60000

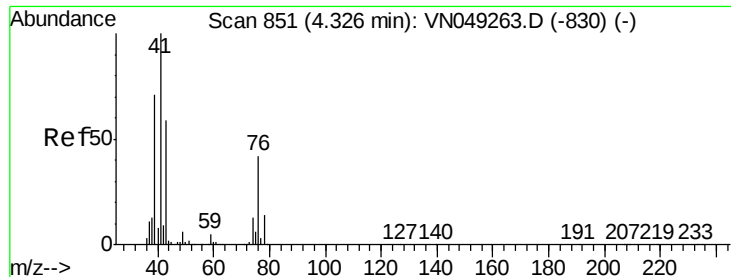
40000

20000

0

Time-->

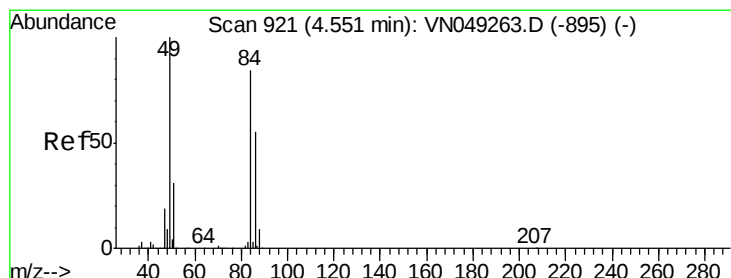
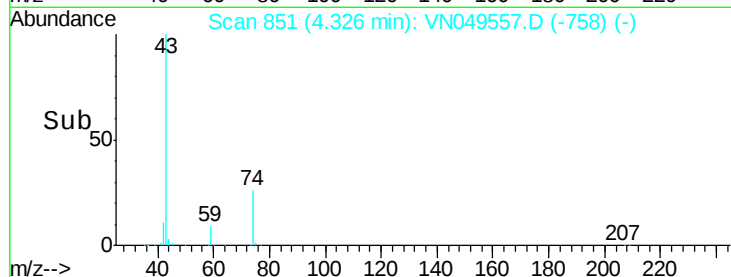
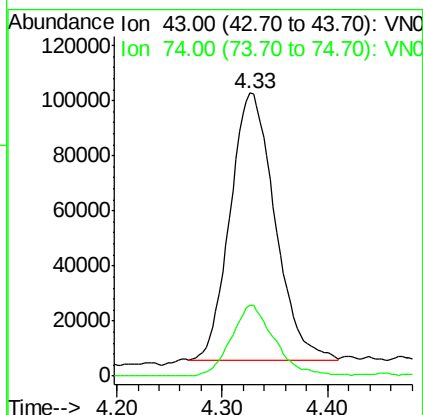
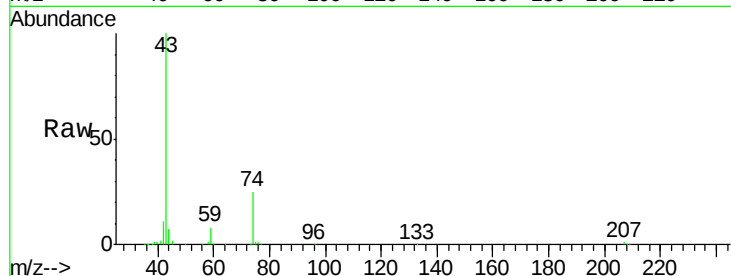




#18
Methvl Acetate
Concen: 20.88 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN049557.D
Acq: 26 Jun 2018 17:14

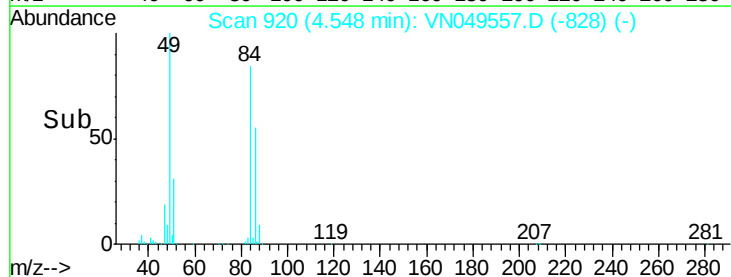
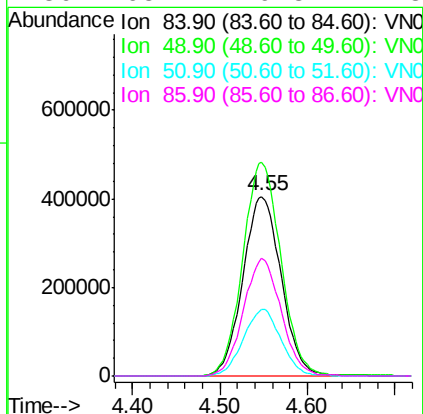
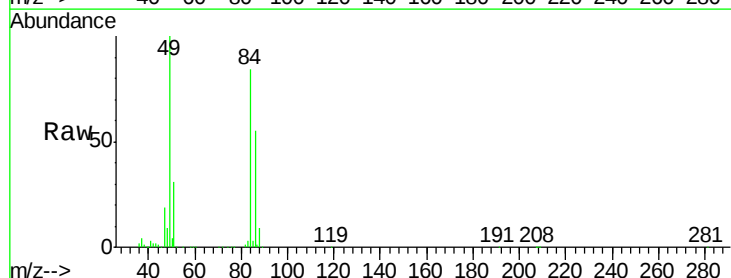
Instrument :
MSVOA_N
ClientSampleId :
EPE-109-6-COMPOSITE(10-47)

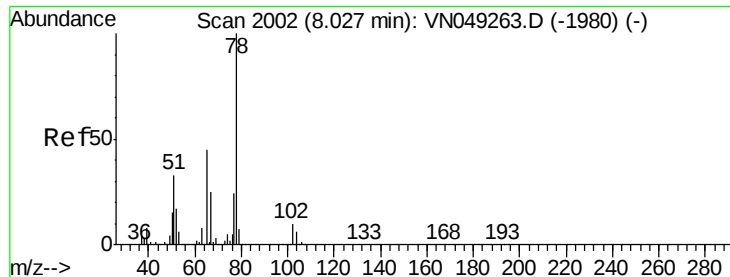
Tot Ion: 43 Resp: 286071
Ion Ratio Lower Upper
43 100
74 25.9 17.4 26.0



#20
Methylene Chloride
Concen: 65.63 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049557.D
Acq: 26 Jun 2018 17:14

Tgt Ion: 84 Resp: 1231578
Ion Ratio Lower Upper
84 100
49 119.0 106.9 160.3
51 37.3 32.7 49.1
86 65.4 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 47.68 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

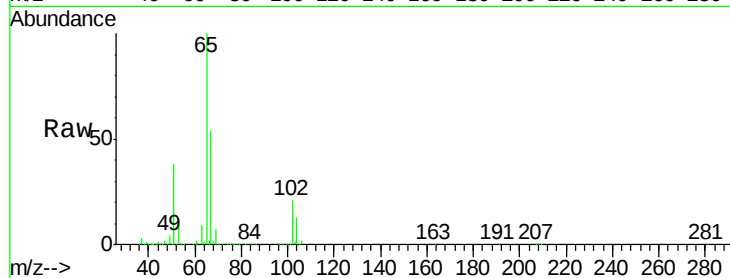
EPE-109-6-COMPOSITE(10-47)

Tot Ion: 65 Resp: 882285

Ion Ratio Lower Upper

65 100

67 54.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049557.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049557.D (-1909) (-)

8.03

400000

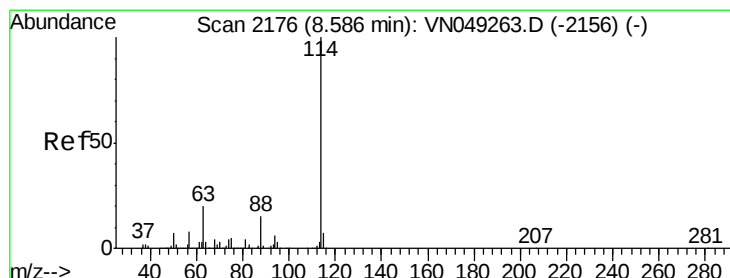
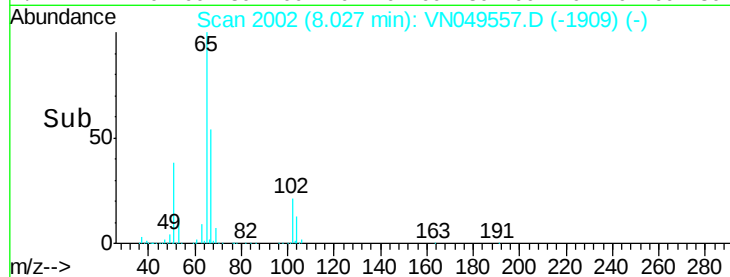
300000

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: VN049557.D

Acq: 26 Jun 2018 17:14

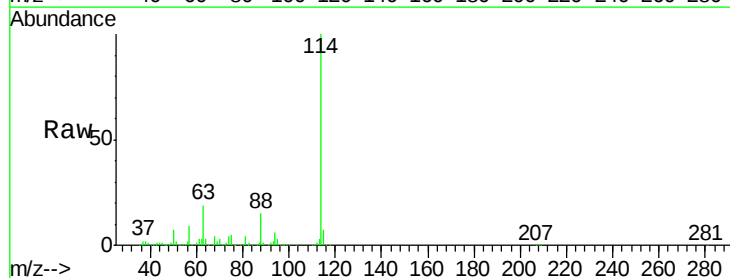
Tgt Ion: 114 Resp: 2210540

Ion Ratio Lower Upper

114 100

63 19.4 0.0 44.4

88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049557.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049557.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049557.D (-2083) (-)

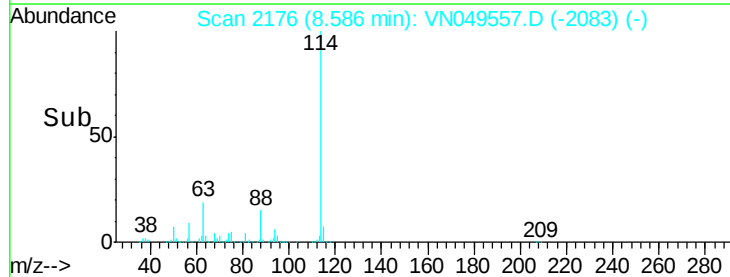
8.59

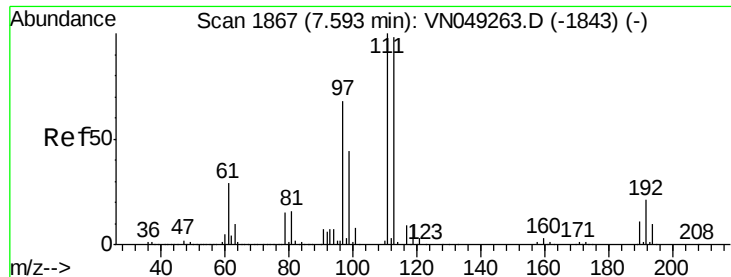
1000000

500000

0

Time-->





#35

Dibromofluoromethane

Concen: 43.46 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

EPE-109-6-COMPOSITE(10-47)

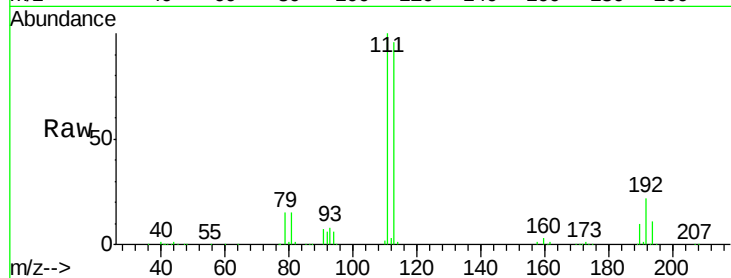
Tot Ion:113 Resp: 777218

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

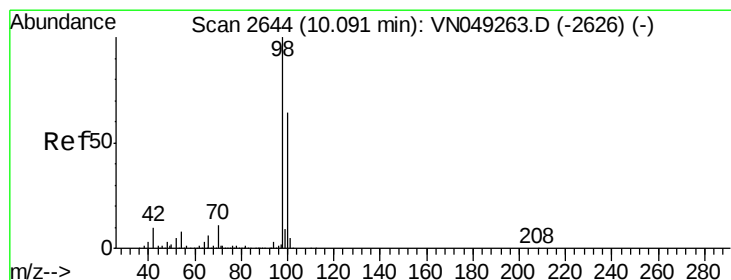
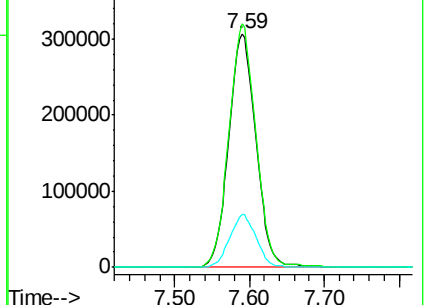
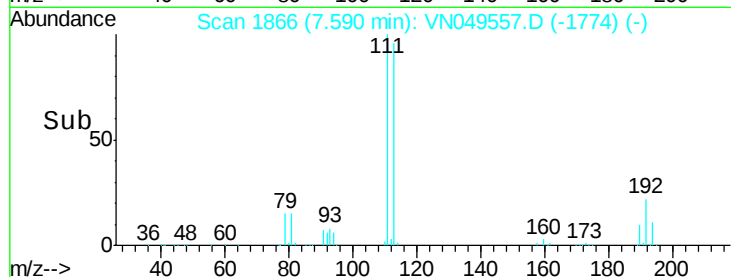
192 22.1 15.0 22.6



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: 43.81 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049557.D

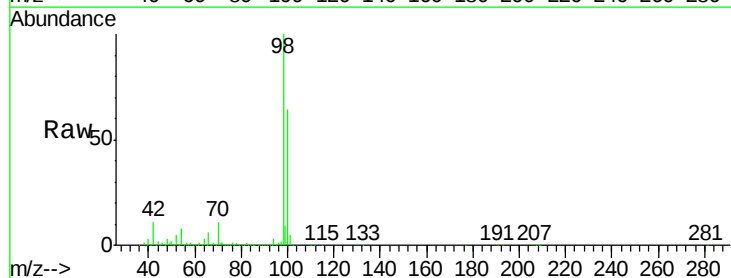
Acq: 26 Jun 2018 17:14

Tgt Ion: 98 Resp: 2983024

Ion Ratio Lower Upper

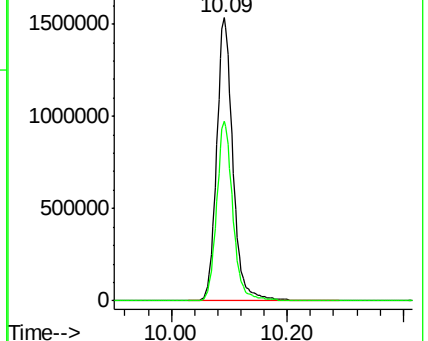
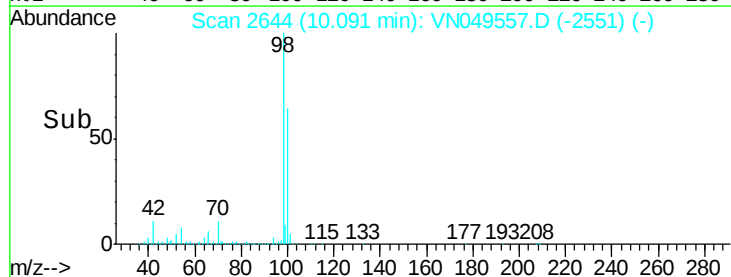
98 100

100 63.4 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: 40.16 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

EPE-109-6-COMPOSITE(10-47)

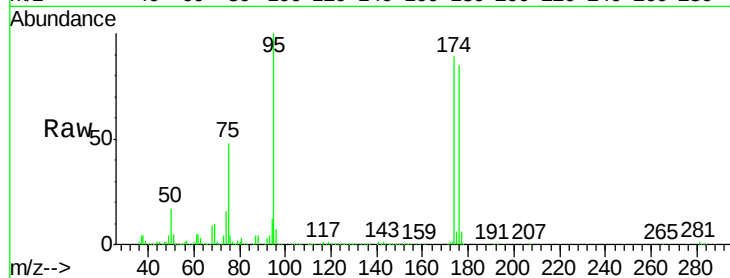
Tot Ion: 95 Resp: 904168

Ion Ratio Lower Upper

95 100

174 89.0 0.0 165.6

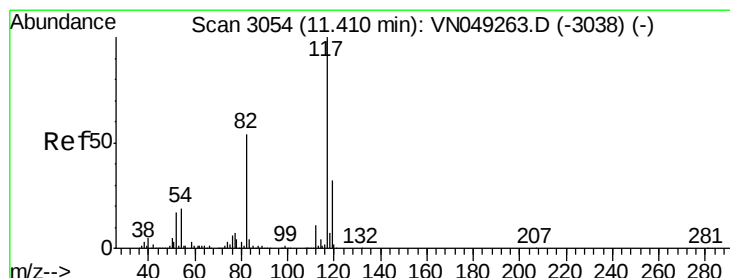
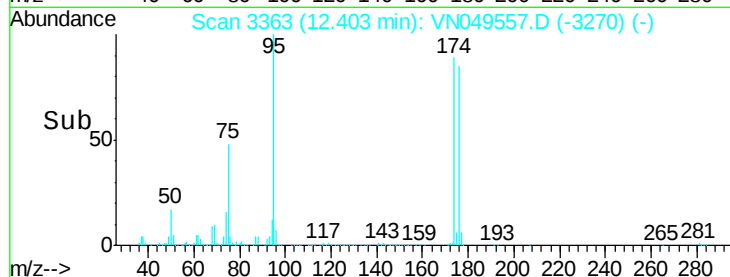
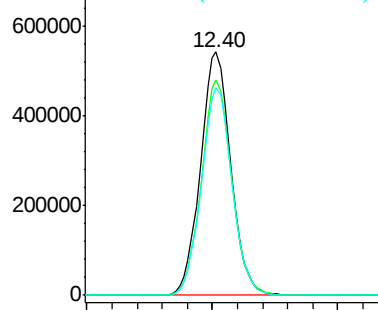
176 86.2 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

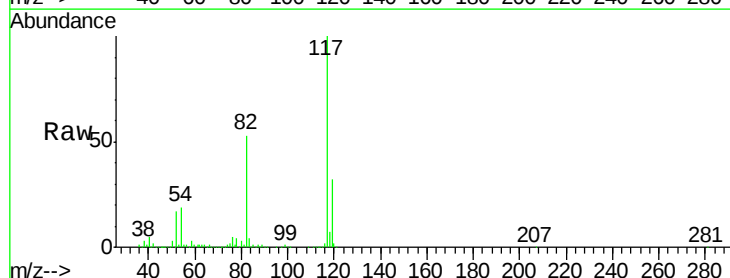
Tgt Ion: 117 Resp: 1846100

Ion Ratio Lower Upper

117 100

82 53.0 45.9 68.9

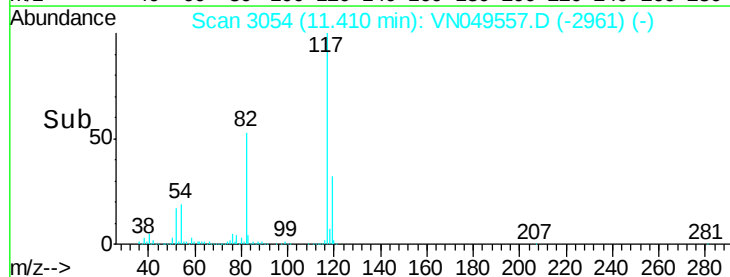
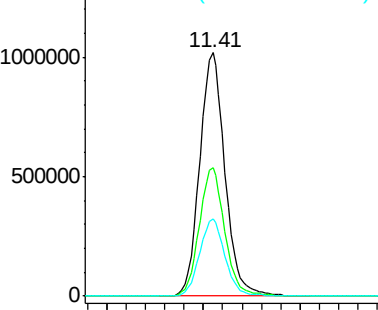
119 31.7 25.5 38.3

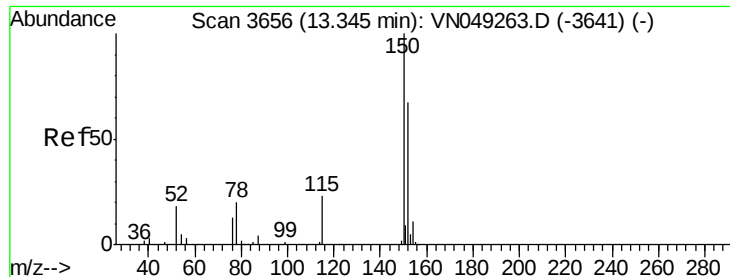


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

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EPE-109-6-COMPOSITE(10-47)

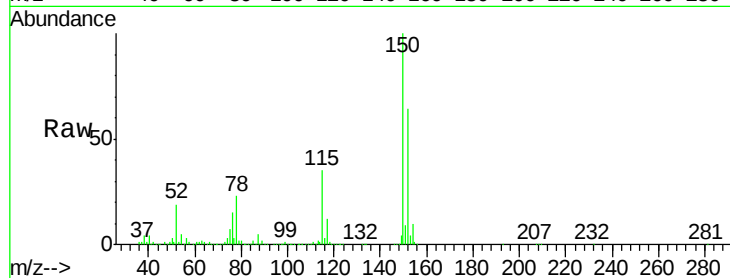
Tot Ion:152 Resp: 772865

Ion Ratio Lower Upper

152 100

115 55.3 28.7 86.1

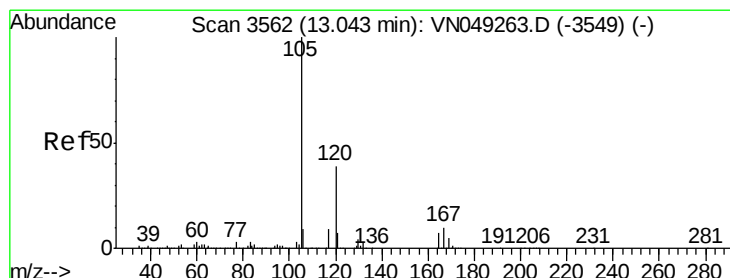
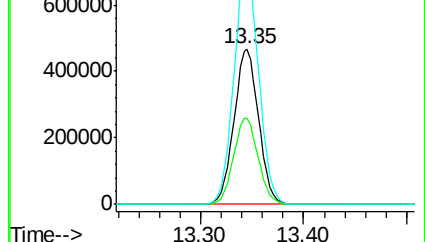
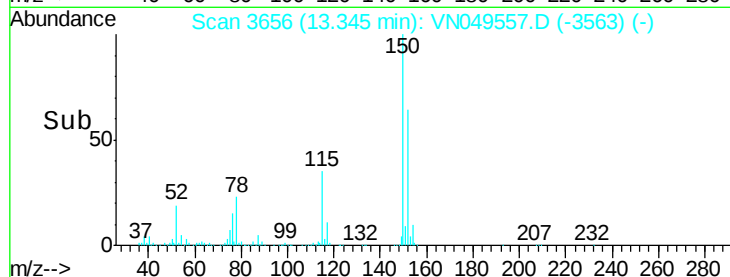
150 155.5 0.0 351.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.00 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049557.D

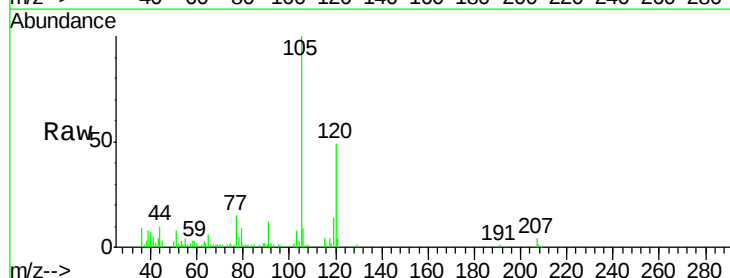
Acq: 26 Jun 2018 17:14

Tgt Ion:105 Resp: 52968

Ion Ratio Lower Upper

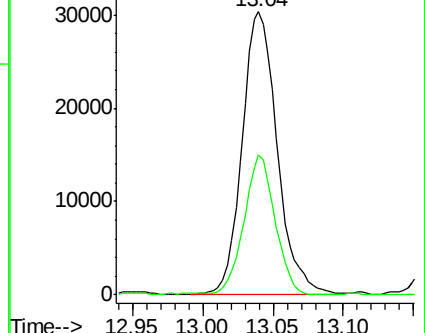
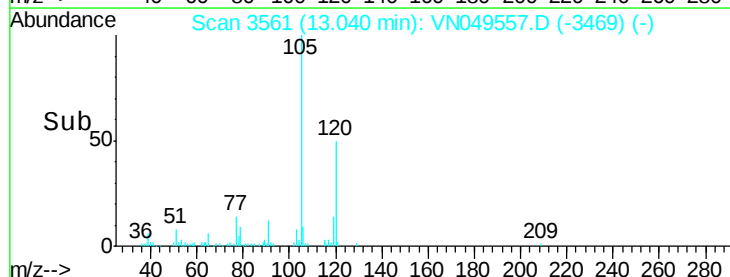
105 100

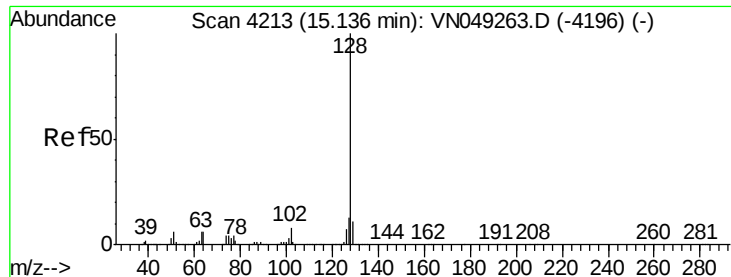
120 43.9 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

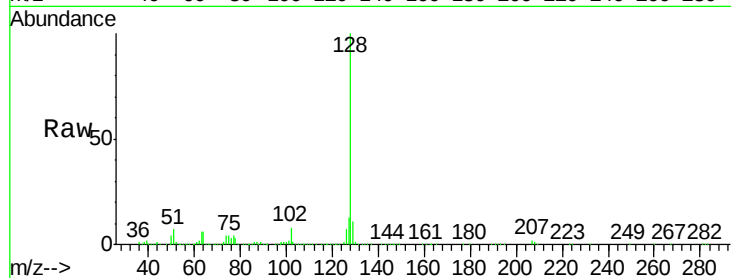




#95
Naphthalene
Concen: 31.40 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049557.D
Acq: 26 Jun 2018 17:14

Instrument :
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EPE-109-6-COMPOSITE(10-47)

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.4	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

