

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049306.D
 Acq On : 16 Jun 2018 12:27
 Operator : MD\SY
 Sample : J3498-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-E-S

Quant Time: Jun 18 05:25:47 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

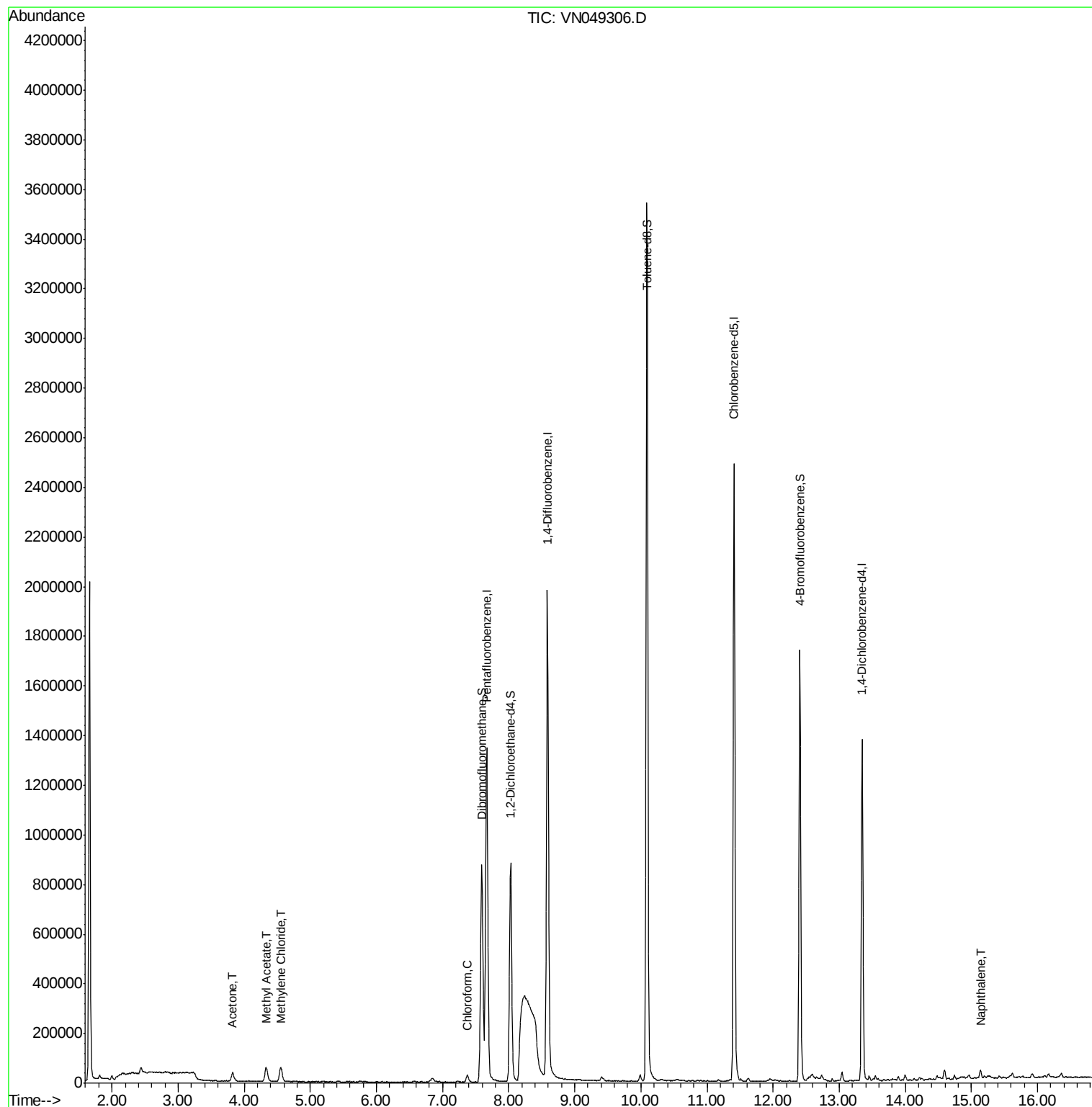
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1165289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1869798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1536121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	405361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	774060	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
35) Dibromofluoromethane	7.59	113	693209	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
50) Toluene-d8	10.09	98	2551348	44.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.58%	
62) 4-Bromofluorobenzene	12.40	95	625938	32.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.74%	
Target Compounds						
16) Acetone	3.82	43	57955	15.44	ug/l	97
18) Methyl Acetate	4.33	43	110625	9.67	ug/l	96
20) Methylene Chloride	4.55	84	42643	2.72	ug/l	89
30) Chloroform	7.37	83	28588	1.07	ug/l	94
95) Naphthalene	15.14	128	29739	4.71	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061618\
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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: VN049306.D

Acq: 16 Jun 2018 12:27

Instrument :

MSVOA_N

ClientSampleId :

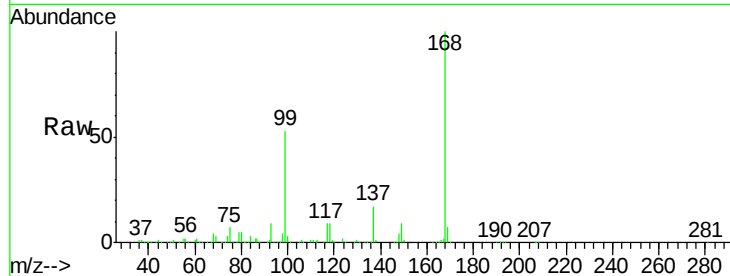
TP-E-S

Tot Ion:168 Resp: 1165289

Ion Ratio Lower Upper

168 100

99 53.3 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

500000

400000

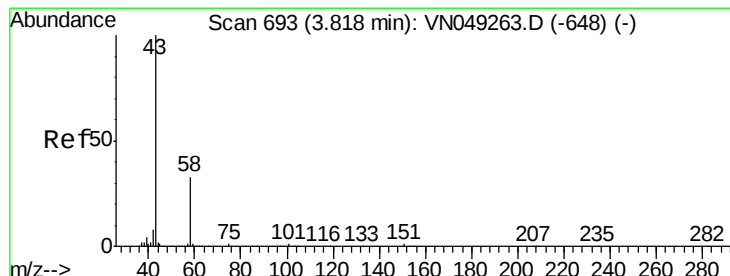
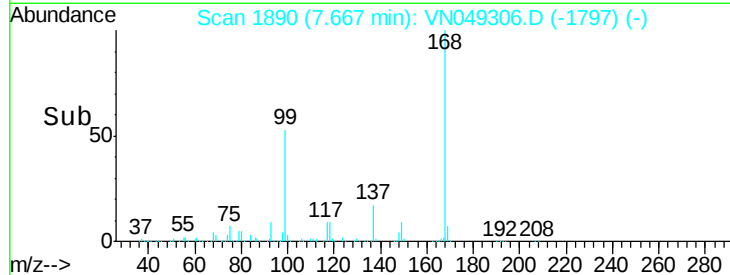
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 15.44 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049306.D

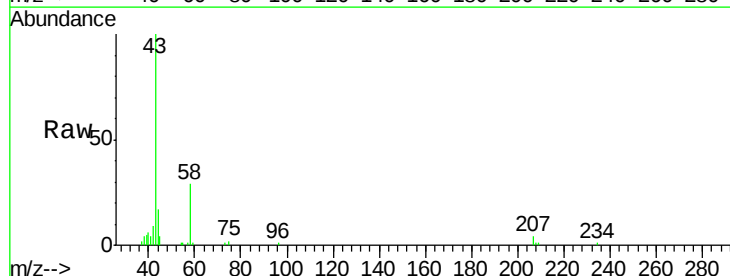
Acq: 16 Jun 2018 12:27

Tgt Ion: 43 Resp: 57955

Ion Ratio Lower Upper

43 100

58 29.4 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

25000

20000

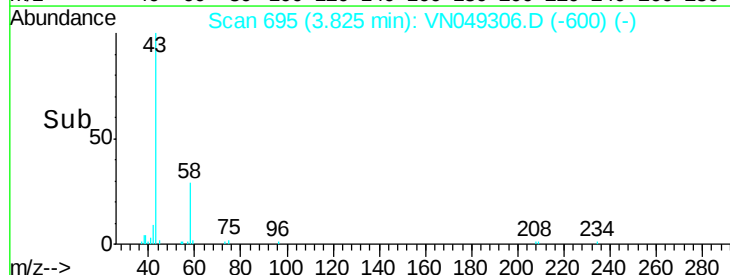
15000

10000

5000

0

Time-->

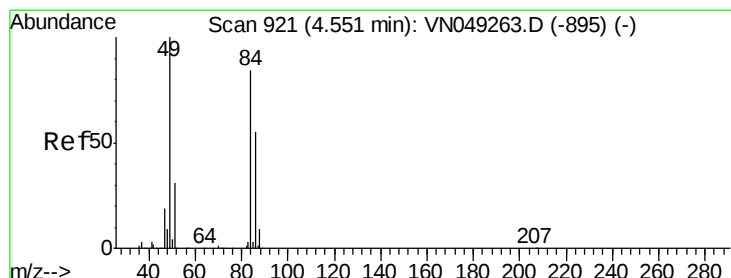
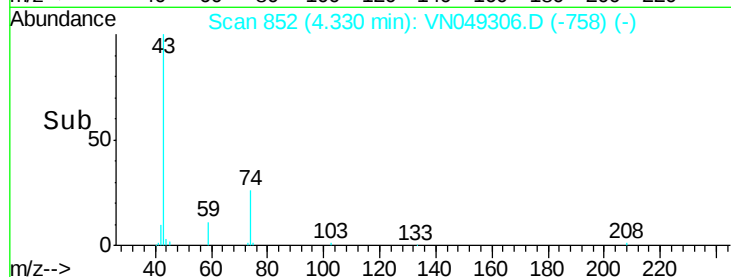
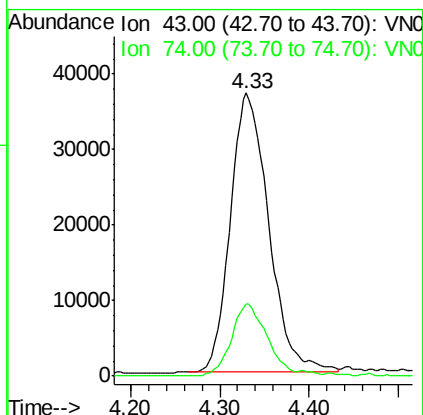
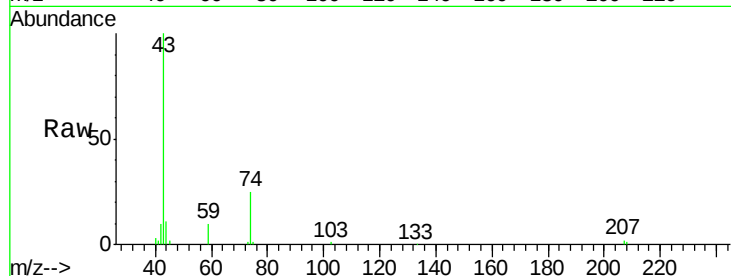




#18
Methvl Acetate
Concen: 9.67 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

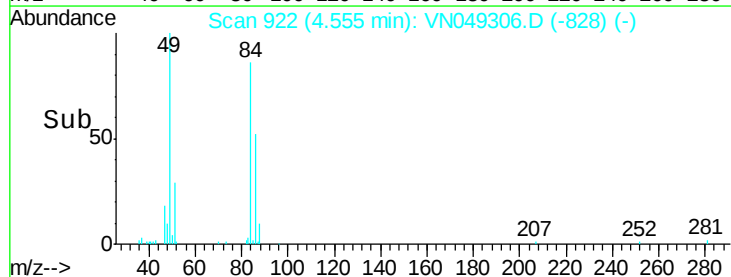
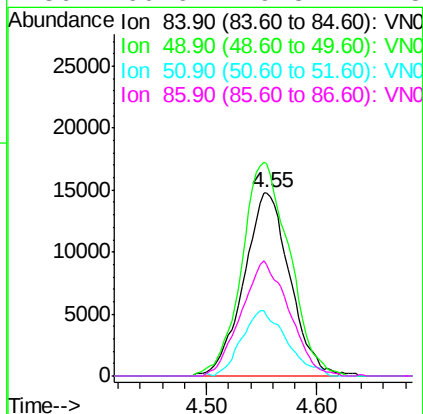
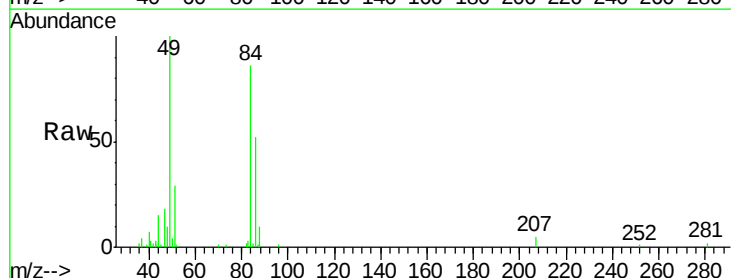
Instrument :
MSVOA_N
ClientSampled :
TP-E-S

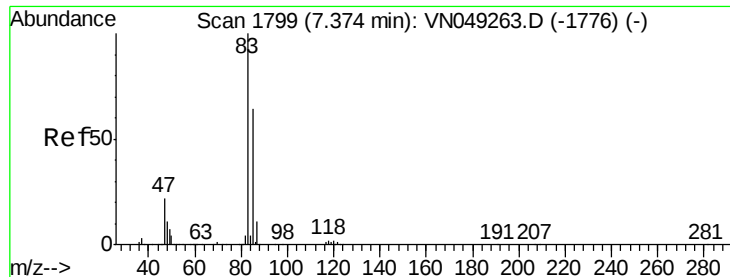
Tot Ion: 43 Resp: 110625
Ion Ratio Lower Upper
43 100
74 23.7 17.4 26.0



#20
Methylene Chloride
Concen: 2.72 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

Tgt Ion: 84 Resp: 42643
Ion Ratio Lower Upper
84 100
49 115.8 106.9 160.3
51 33.1 32.7 49.1
86 60.6 49.8 74.8





#30

Chloroform

Concen: 1.07 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

Instrument :

MSVOA_N

ClientSampleId :

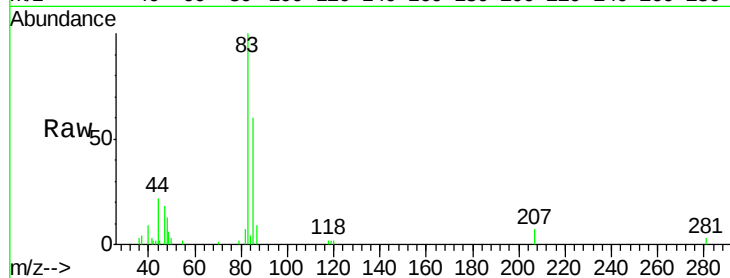
TP-E-S

Tot Ion: 83 Resp: 28588

Ion Ratio Lower Upper

83 100

85 59.9 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN049306.D (-1706) (-)

Ion 84.90 (84.60 to 85.60): VN049306.D (-1706) (-)

7.37

12000

10000

8000

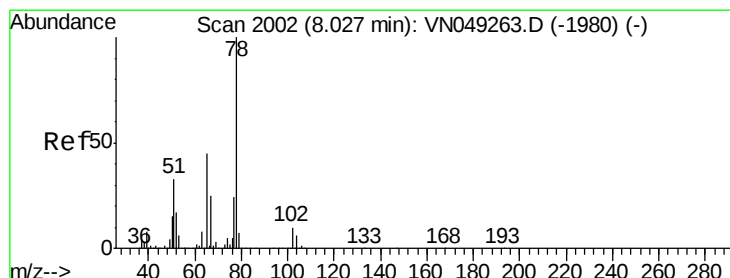
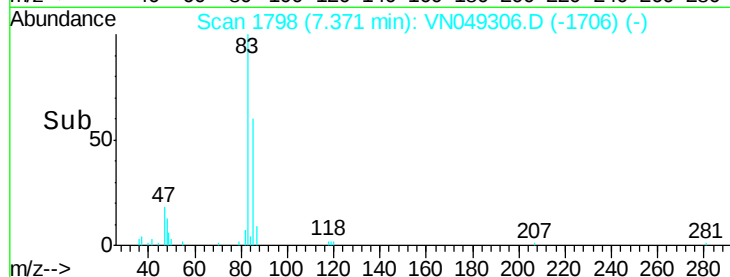
6000

4000

2000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.08 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049306.D

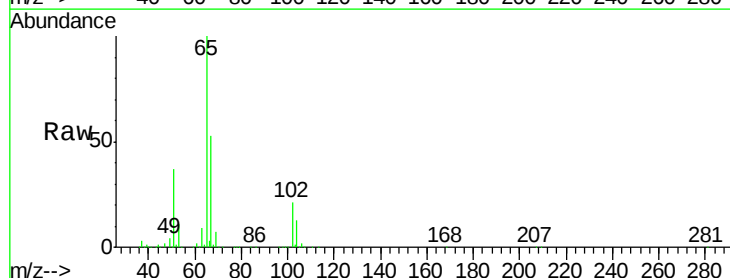
Acq: 16 Jun 2018 12:27

Tgt Ion: 65 Resp: 774060

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049306.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049306.D (-1909) (-)

8.03

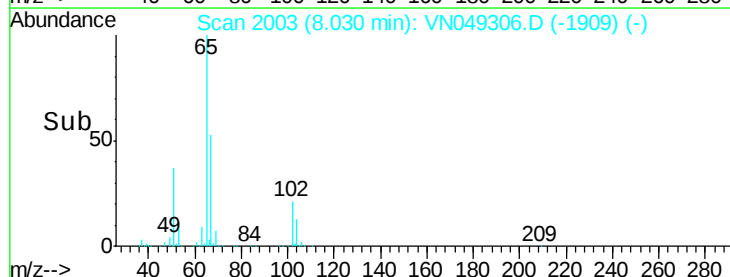
300000

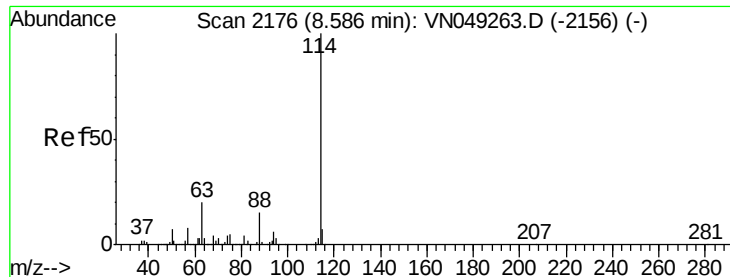
200000

100000

0

Time-->

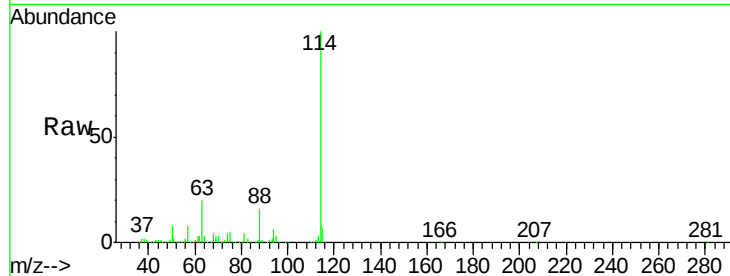




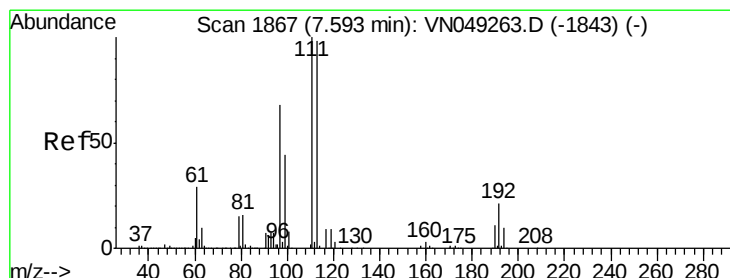
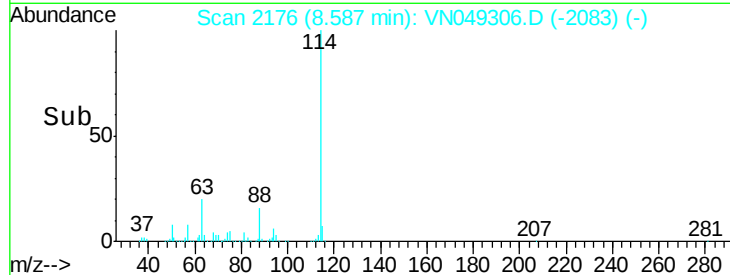
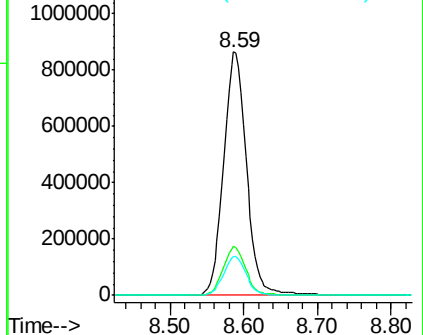
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

Instrument :
MSVOA_N
ClientSampleId :
TP-E-S

Tot Ion:114 Resp: 1869798
Ion Ratio Lower Upper
114 100
63 19.9 0.0 44.4
88 15.9 0.0 31.4

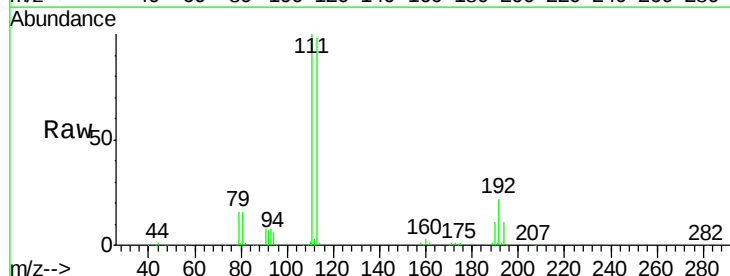


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

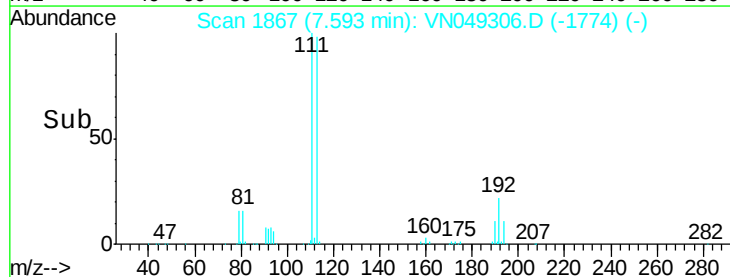
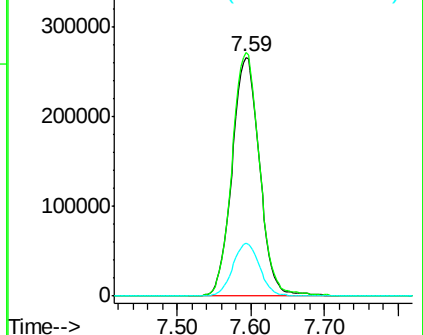


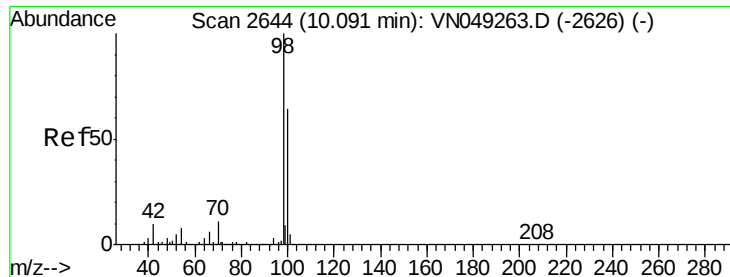
#35
Dibromofluoromethane
Concen: 45.82 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

Tgt Ion:113 Resp: 693209
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 21.5 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: 44.29 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

Instrument :

MSVOA_N

ClientSampleId :

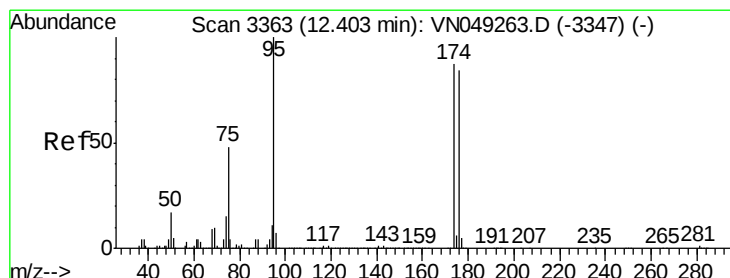
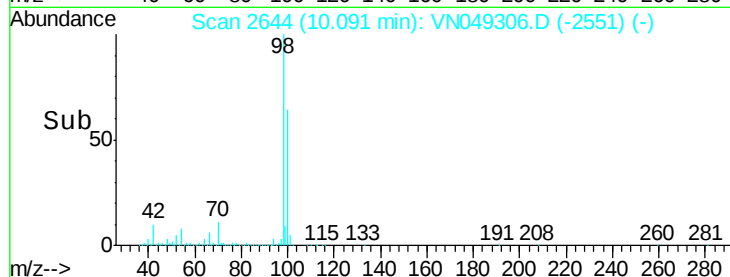
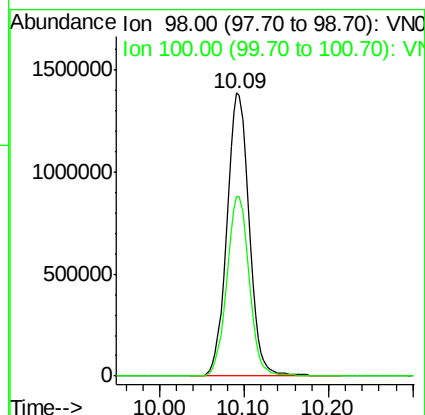
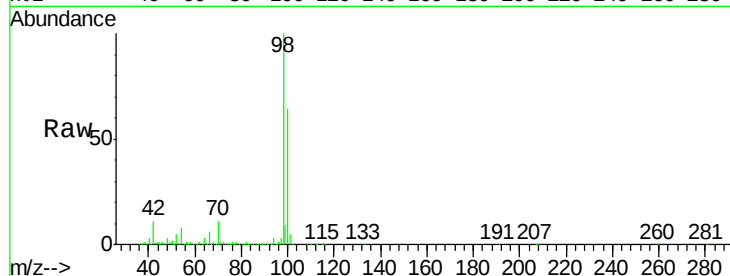
TP-E-S

Tot Ion: 98 Resp: 2551348

Ion Ratio Lower Upper

98 100

100 64.0 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 32.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

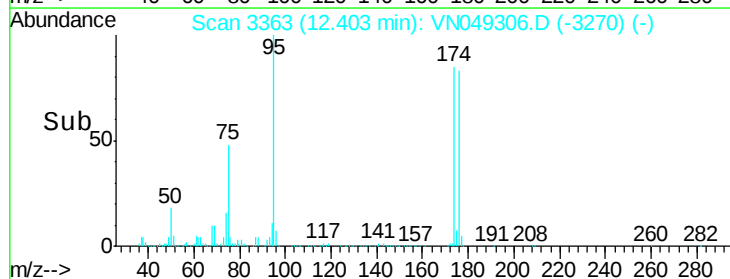
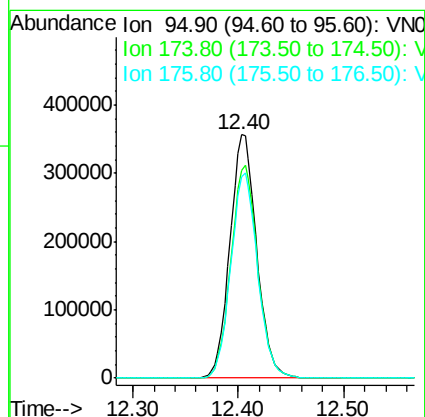
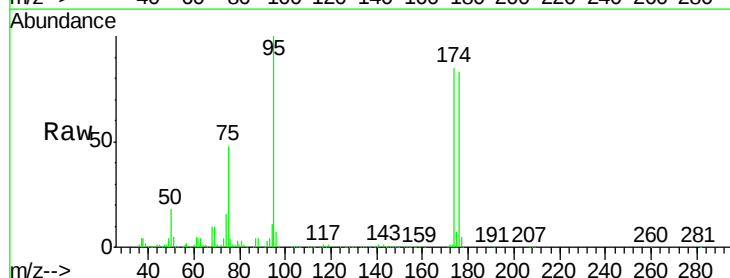
Tgt Ion: 95 Resp: 625938

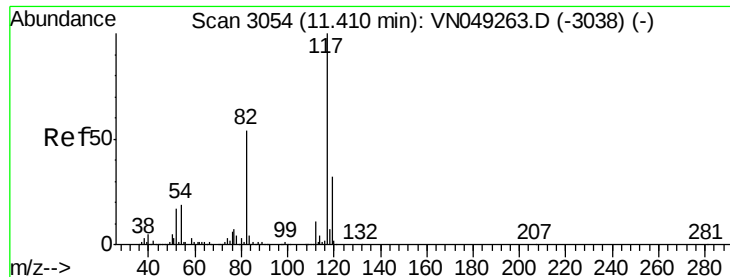
Ion Ratio Lower Upper

95 100

174 87.4 0.0 165.6

176 84.1 0.0 157.4

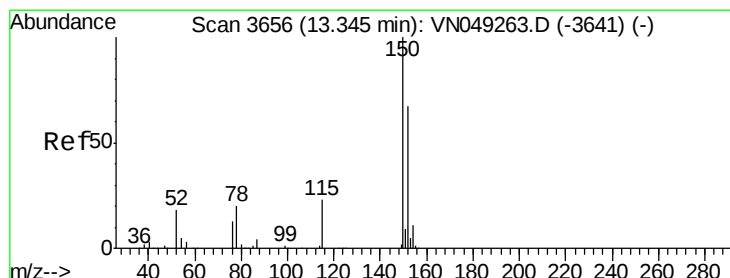
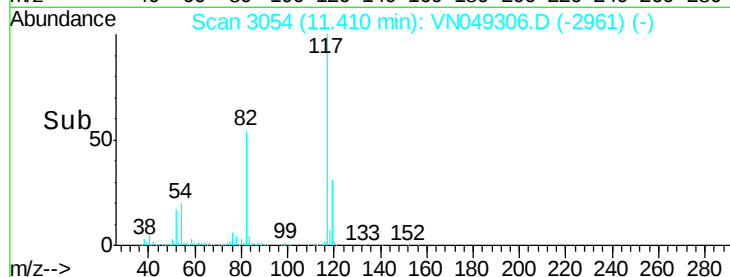
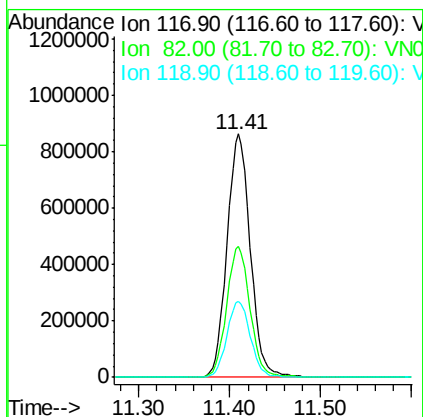
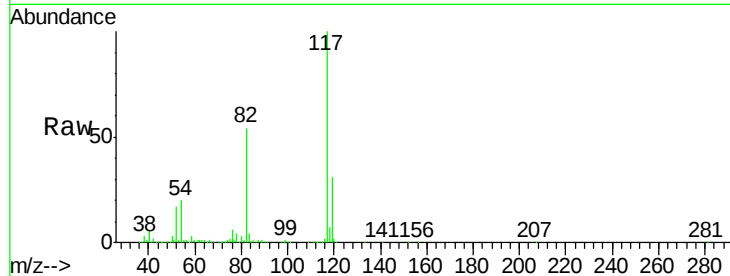




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

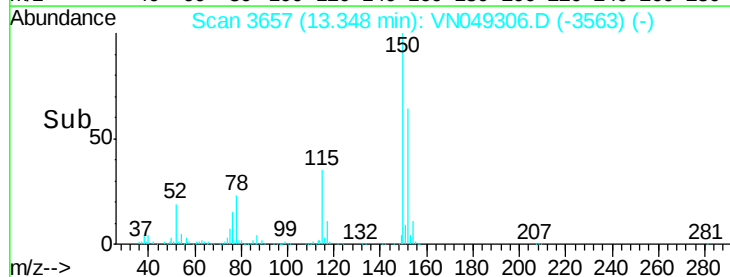
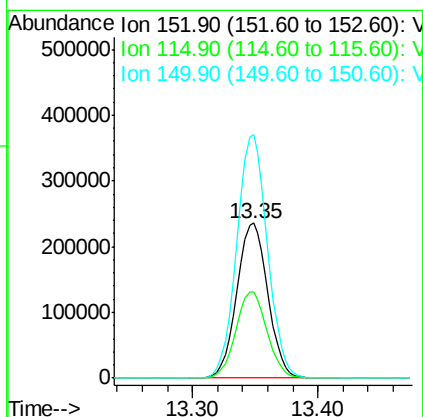
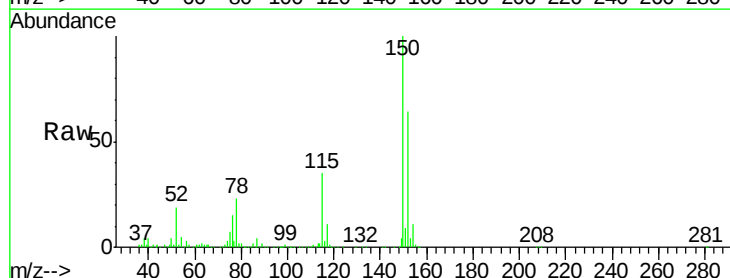
Instrument :
MSVOA_N
ClientSampled :
TP-E-S

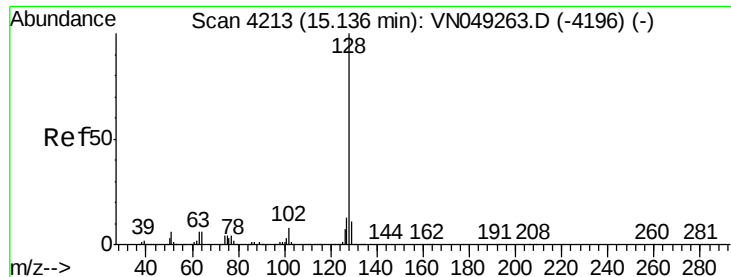
Tot Ion:117 Resp: 1536121
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049306.D
Acq: 16 Jun 2018 12:27

Tgt Ion:152 Resp: 405361
Ion Ratio Lower Upper
152 100
115 56.1 28.7 86.1
150 155.0 0.0 351.0





#95

Naphthalene

Concen: 4.71 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049306.D

Acq: 16 Jun 2018 12:27

Instrument :

MSVOA_N

ClientSampleId :

TP-E-S

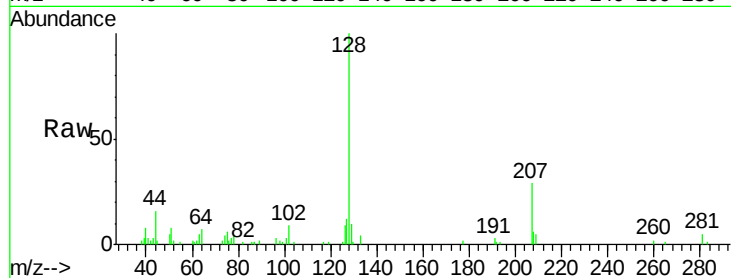
Tot Ion:128 Resp: 29739

Ion Ratio Lower Upper

128 100

127 12.4 10.6 16.0

129 9.0 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

