

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057999.D
 Acq On : 13 Sep 2019 2:43
 Operator : JC/SP
 Sample : K4644-29
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-E1-(4)

Quant Time: Sep 13 06:56:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

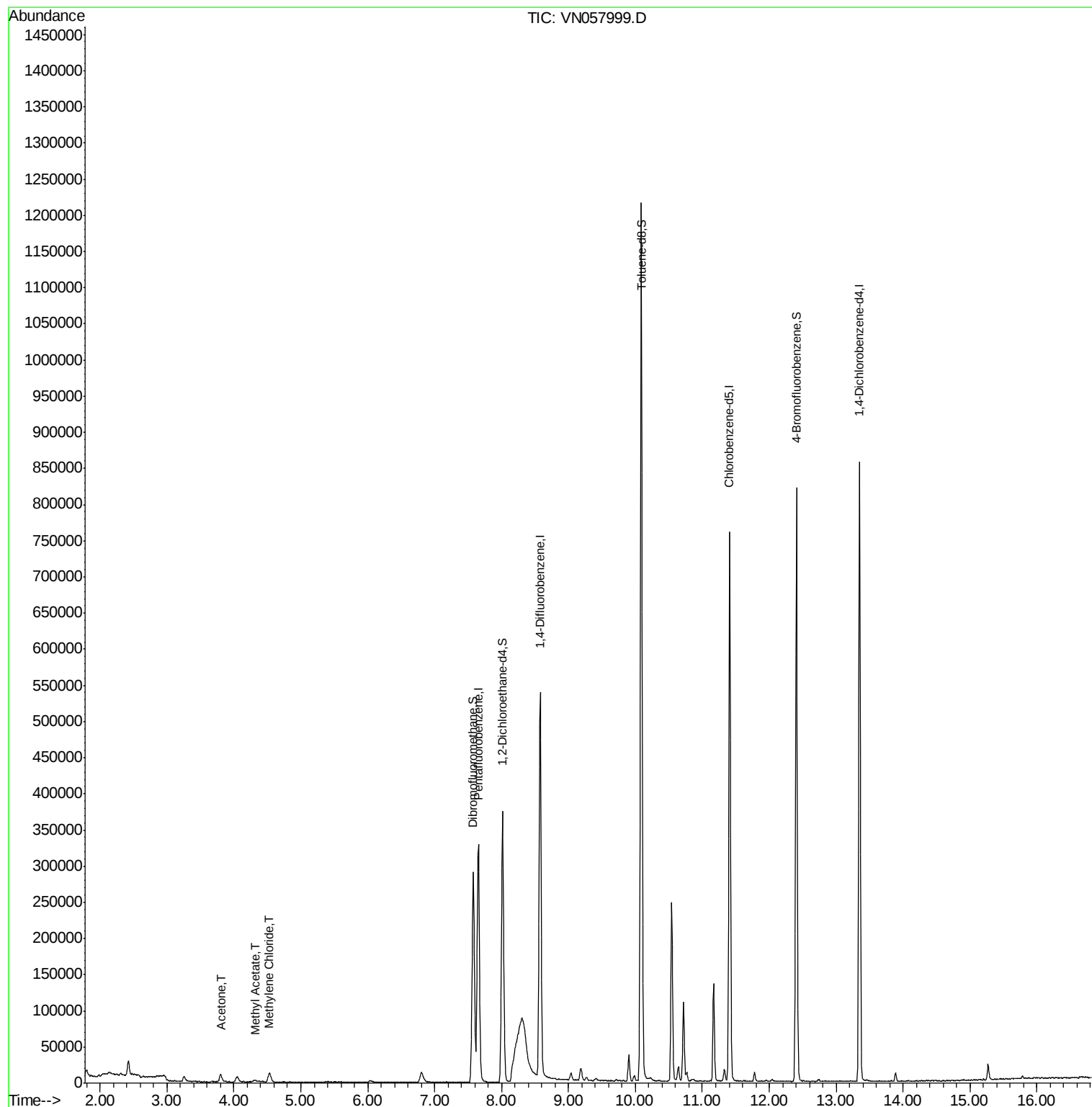
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	257051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	457210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	409205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	211206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	318319	61.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.28%	
35) Dibromofluoromethane	7.58	113	217037	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
50) Toluene-d8	10.09	98	826159	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.41	95	270288	43.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.58%	
Target Compounds						
16) Acetone	3.80	43	18179	10.651	ug/l	Qvalue 100
18) Methyl Acetate	4.32	43	4713	1.036	ug/l #	88
20) Methylene Chloride	4.54	84	9050	1.594	ug/l	95

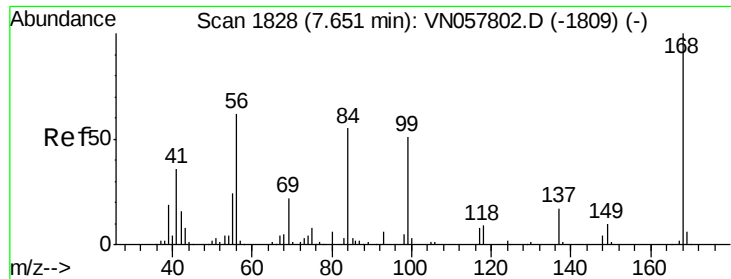
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057999.D

Acq: 13 Sep 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

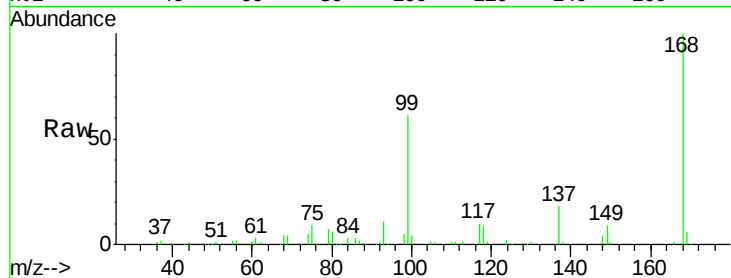
T11-E1-(4)

Tot Ion:168 Resp: 257051

Ion Ratio Lower Upper

168 100

99 61.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

100000

80000

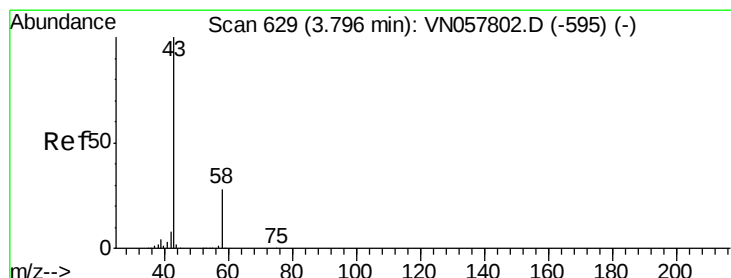
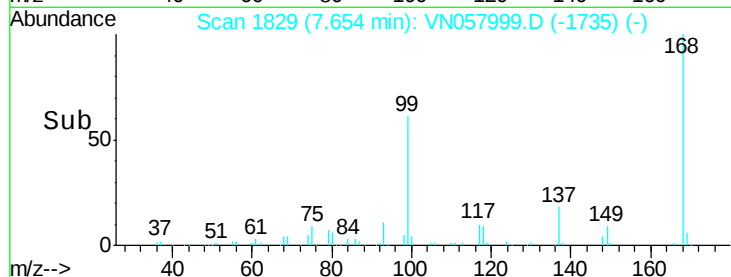
60000

40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 10.651 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057999.D

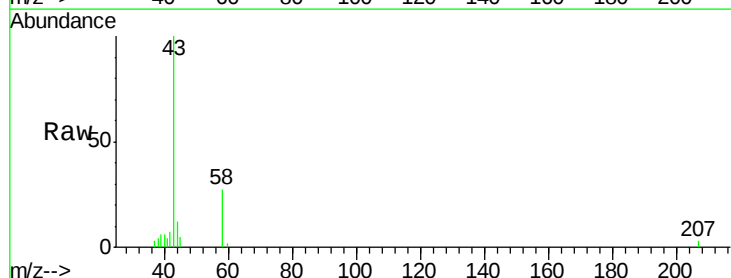
Acq: 13 Sep 2019 2:43

Tgt Ion: 43 Resp: 18179

Ion Ratio Lower Upper

43 100

58 27.7 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

8000

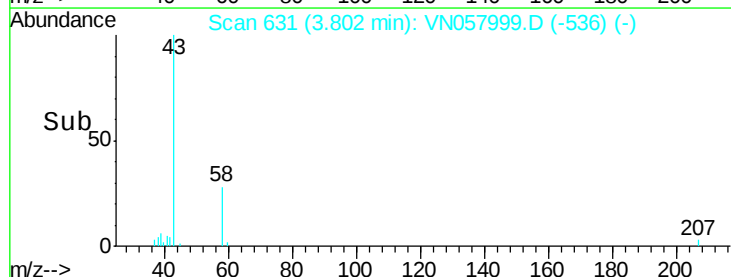
6000

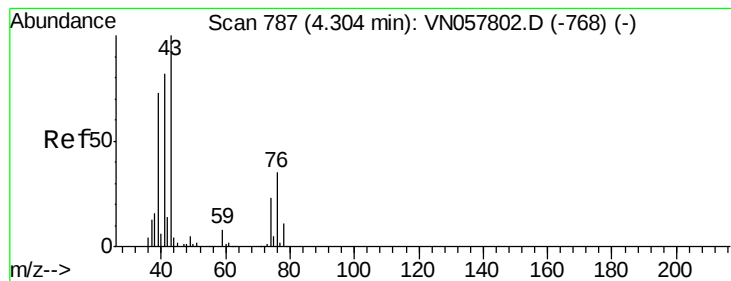
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90





#18

Methyl Acetate

Concen: 1.036 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN057999.D

Acq: 13 Sep 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

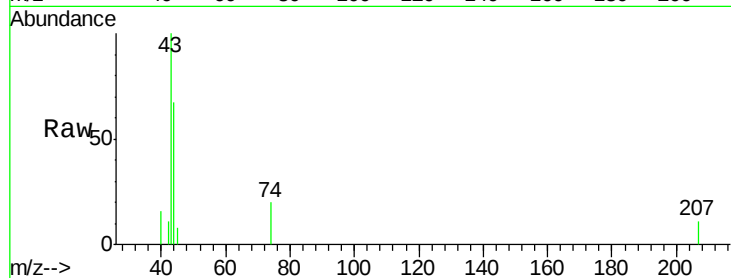
T11-E1-(4)

Tot Ion: 43 Resp: 4713

Ion Ratio Lower Upper

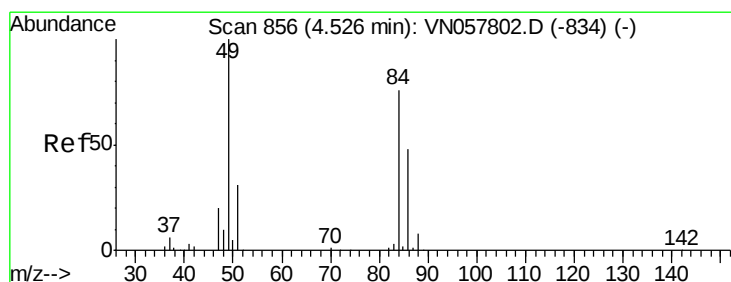
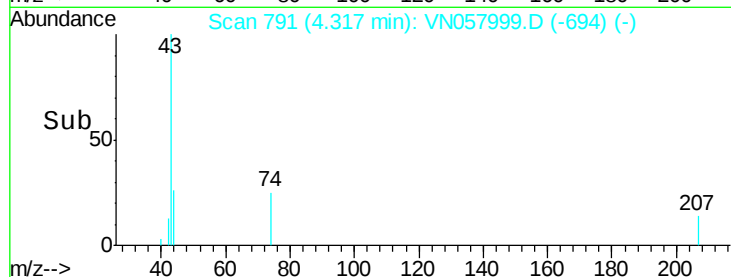
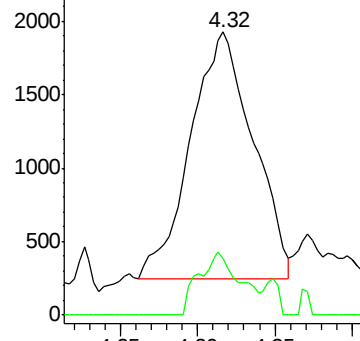
43 100

74 16.8 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 1.594 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.01 min

Lab File: VN057999.D

Acq: 13 Sep 2019 2:43

Tgt Ion: 84 Resp: 9050

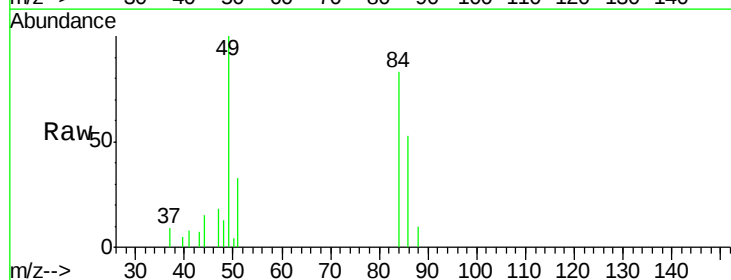
Ion Ratio Lower Upper

84 100

49 121.2 104.8 157.2

51 40.3 33.0 49.4

86 64.1 50.5 75.7

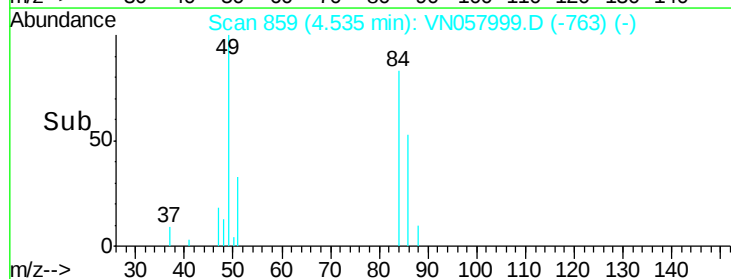
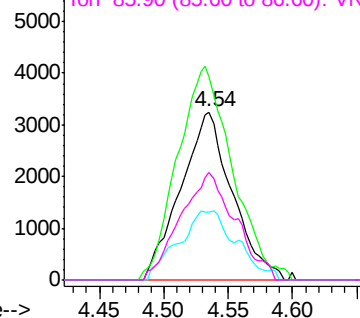


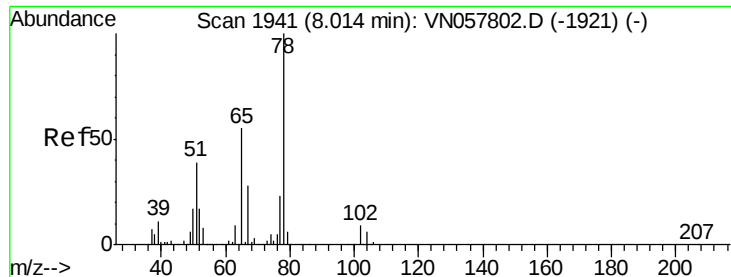
Abundance Ion 83.90 (83.60 to 84.60): VN0

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





#33

1,2-Dichloroethane-d4

Concen: 61.140 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057999.D

Acq: 13 Sep 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

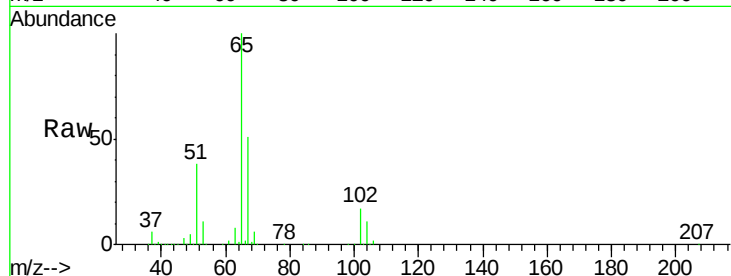
T11-E1-(4)

Tot Ion: 65 Resp: 318319

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057999.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN057999.D (-1848) (-)

8.01

150000

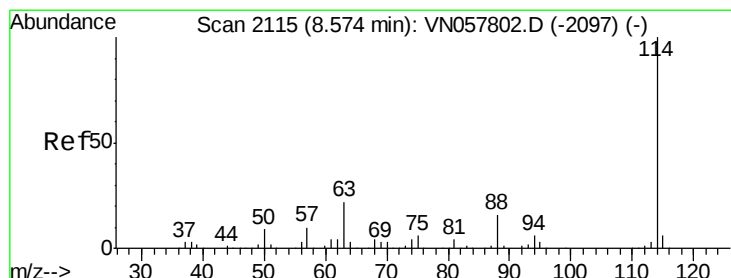
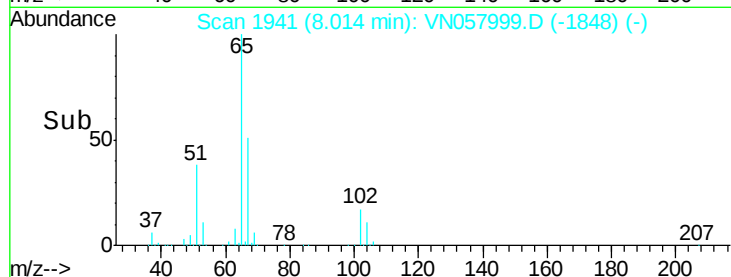
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057999.D

Acq: 13 Sep 2019 2:43

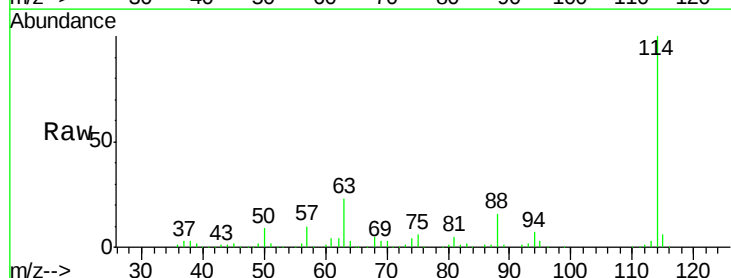
Tgt Ion: 114 Resp: 457210

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.0

88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057999.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN057999.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN057999.D (-2022) (-)

8.58

300000

250000

200000

150000

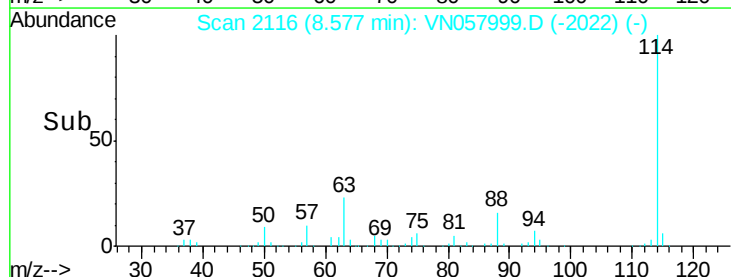
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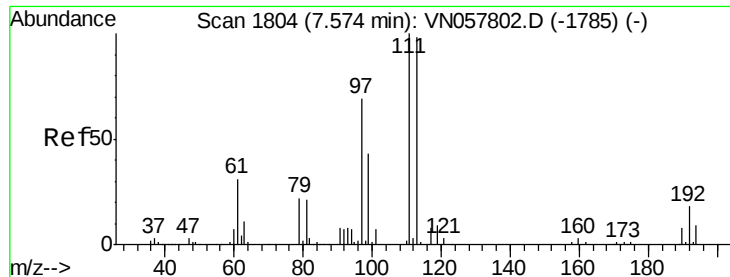
50000

0

8.50 8.60 8.70

Time-->





#35

Dibromofluoromethane

Concen: 51.432 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057999.D

Acq: 13 Sep 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

T11-E1-(4)

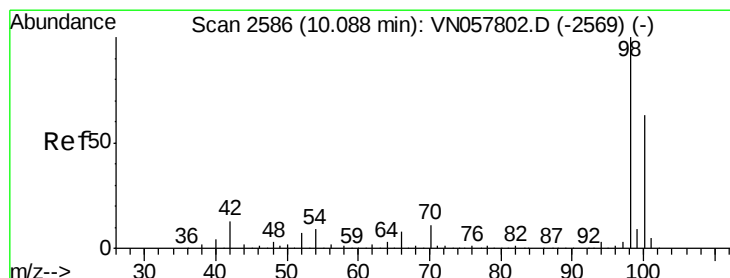
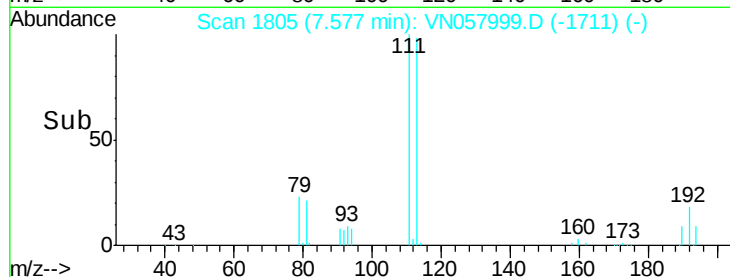
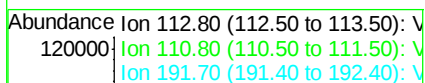
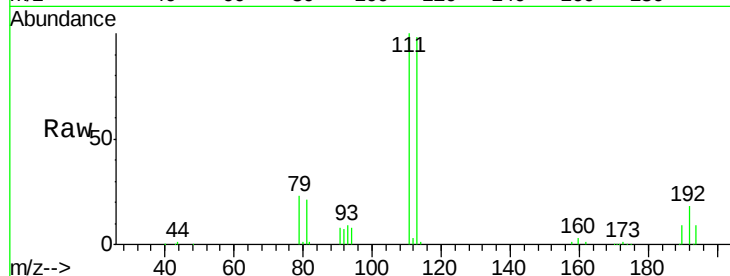
Tot Ion:113 Resp: 217037

Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 18.1 14.6 22.0



#50

Toluene-d8

Concen: 50.425 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057999.D

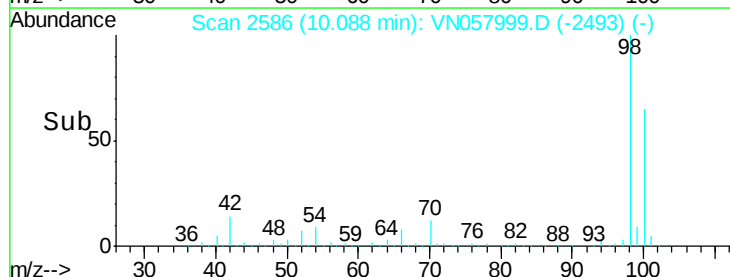
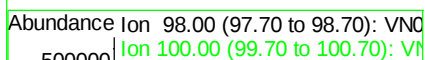
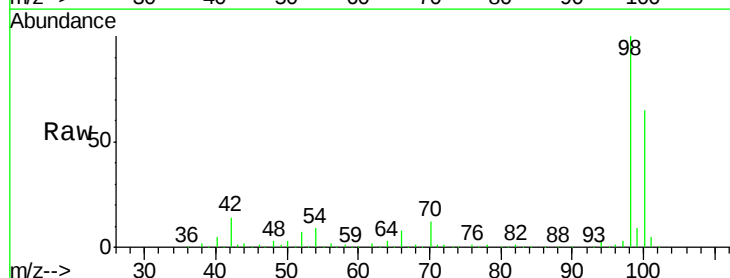
Acq: 13 Sep 2019 2:43

Tgt Ion: 98 Resp: 826159

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5

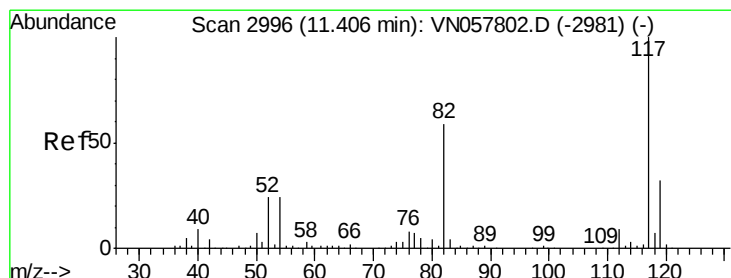
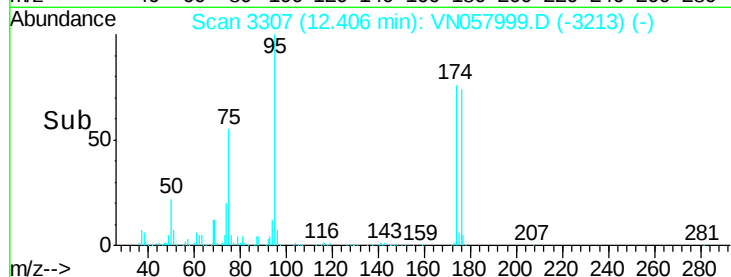
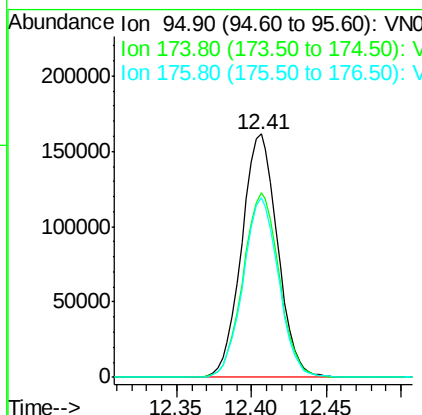
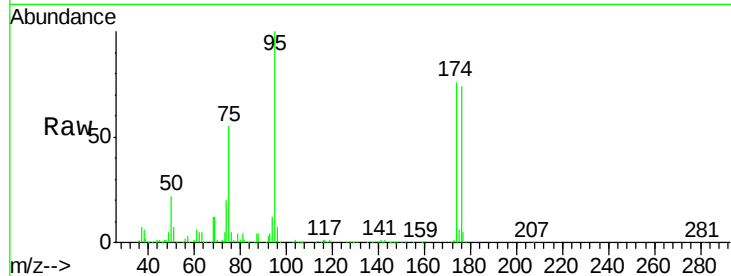




#62
4-Bromofluorobenzene
Concen: 43.290 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057999.D
Acq: 13 Sep 2019 2:43

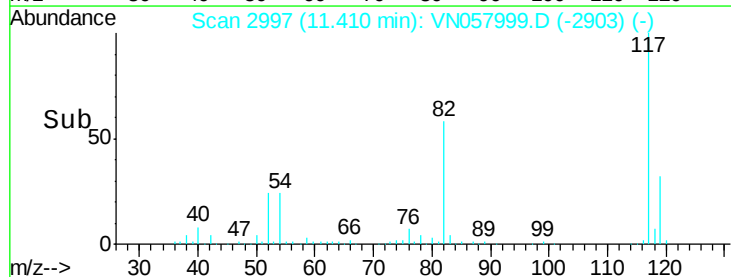
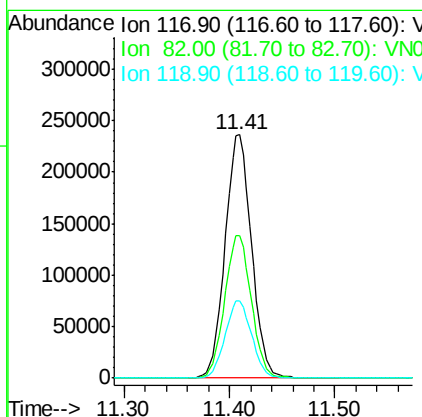
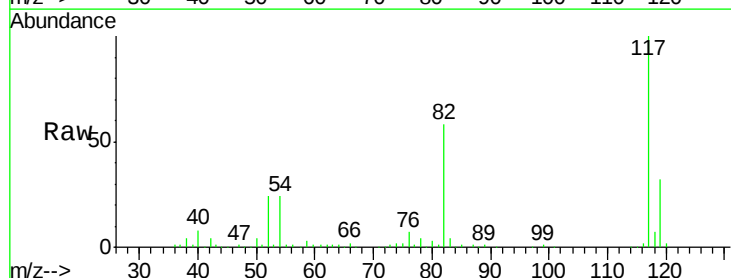
Instrument :
MSVOA_N
ClientSampleId :
T11-E1-(4)

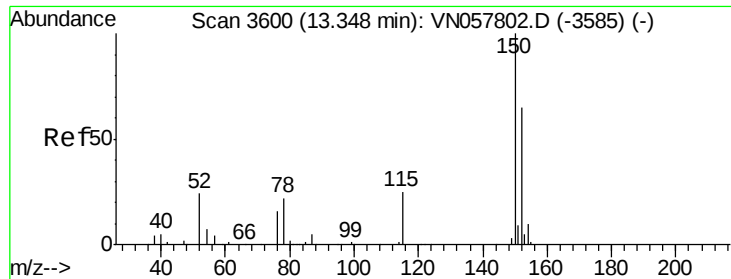
Tot Ion: 95 Resp: 270288
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.2
176 72.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057999.D
Acq: 13 Sep 2019 2:43

Tgt Ion: 117 Resp: 409205
Ion Ratio Lower Upper
117 100
82 58.3 47.2 70.8
119 31.9 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057999.D

Acq: 13 Sep 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

T11-E1-(4)

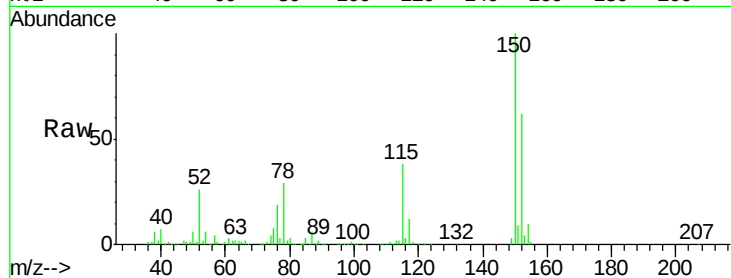
Tot Ion:152 Resp: 211206

Ion Ratio Lower Upper

152 100

115 61.0 30.3 91.0

150 156.8 0.0 352.4



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

