

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057967.D
 Acq On : 12 Sep 2019 13:48
 Operator : JC/SP
 Sample : K4644-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-D2-(4)

Quant Time: Sep 13 05:36:43 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

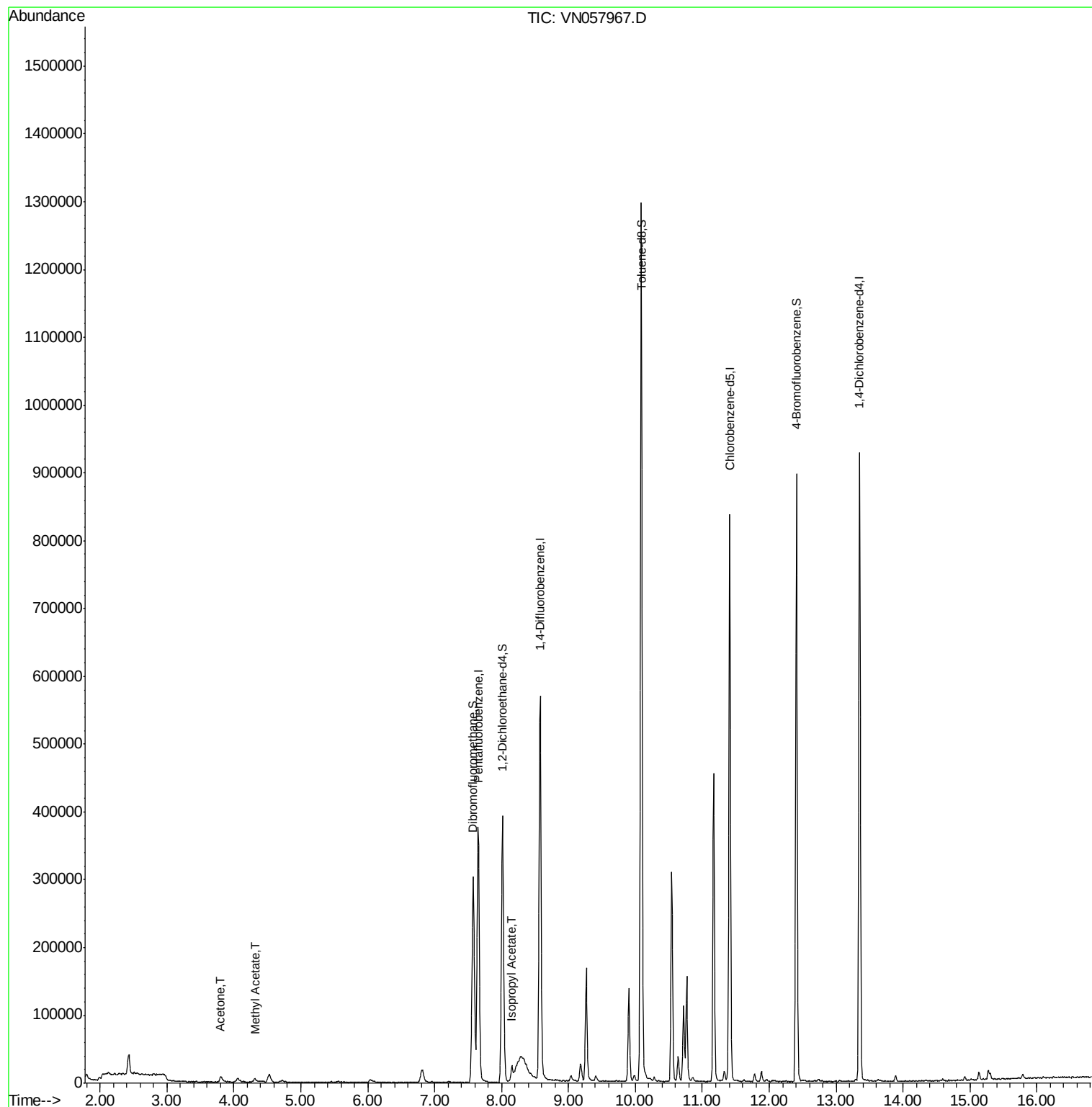
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	287090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	483987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	448117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	231476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	336967	57.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.90%	
35) Dibromofluoromethane	7.58	113	228463	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
50) Toluene-d8	10.09	98	894577	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.41	95	298614	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
Target Compounds						
16) Acetone	3.80	43	14133	7.414	ug/l	95
18) Methyl Acetate	4.31	43	8678	1.707	ug/l #	84
43) Isopropyl Acetate	8.16	43	30911	3.170	ug/l #	85

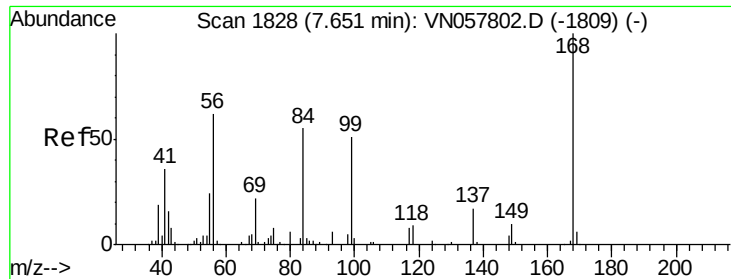
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
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# 1828

Delta R.T. 0.00 min

Lab File: VN057967.D

Acq: 12 Sep 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

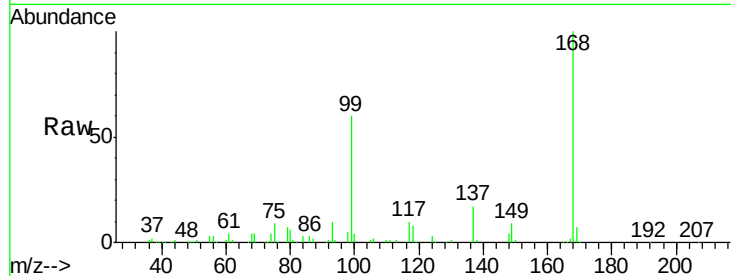
T11-D2-(4)

Tot Ion:168 Resp: 287090

Ion Ratio Lower Upper

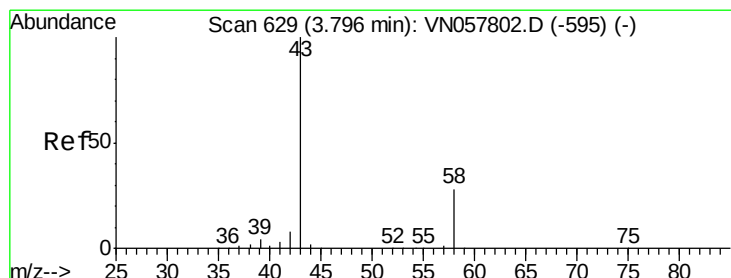
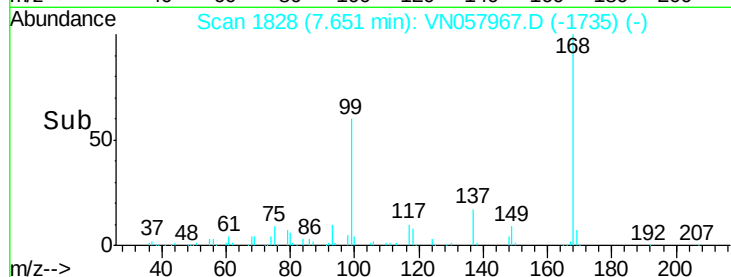
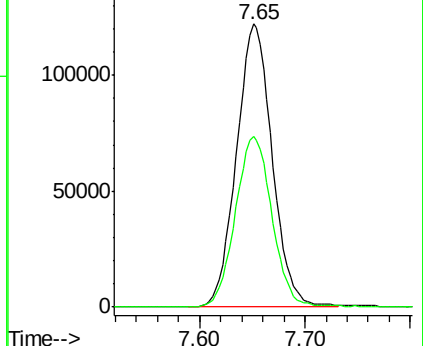
168 100

99 60.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.414 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057967.D

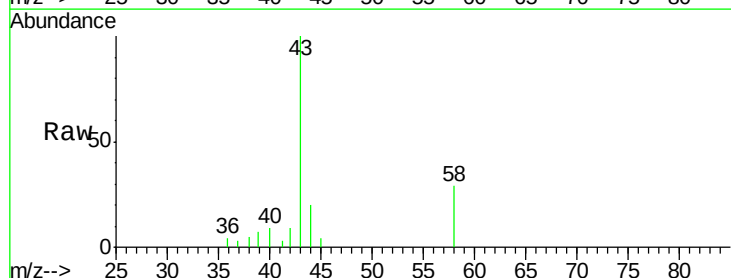
Acq: 12 Sep 2019 13:48

Tgt Ion: 43 Resp: 14133

Ion Ratio Lower Upper

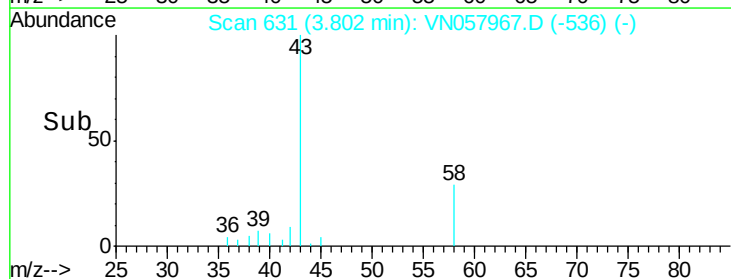
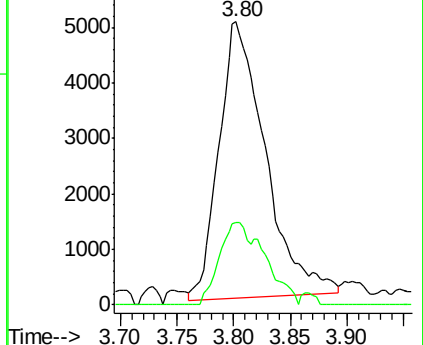
43 100

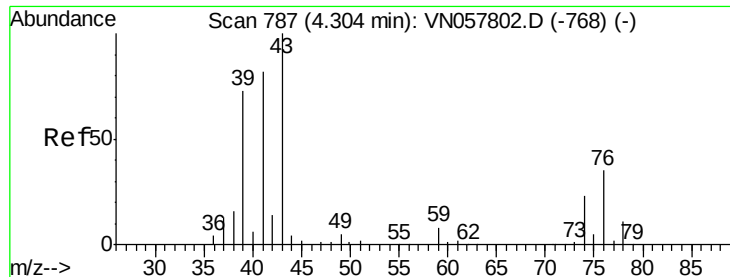
58 30.5 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#18

Methyl Acetate

Concen: 1.707 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057967.D

Acq: 12 Sep 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

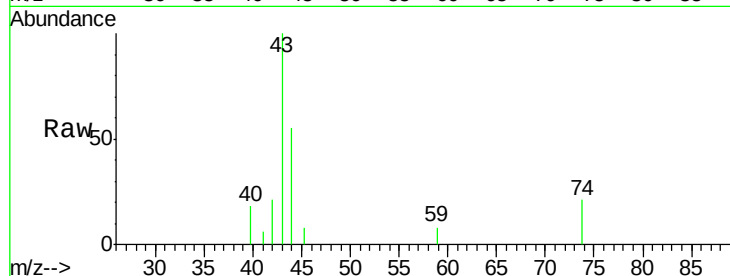
T11-D2-(4)

Tot Ion: 43 Resp: 8678

Ion Ratio Lower Upper

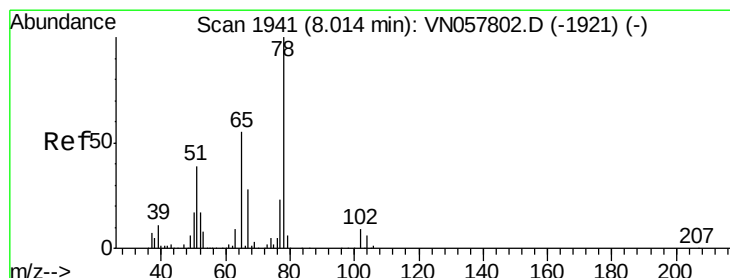
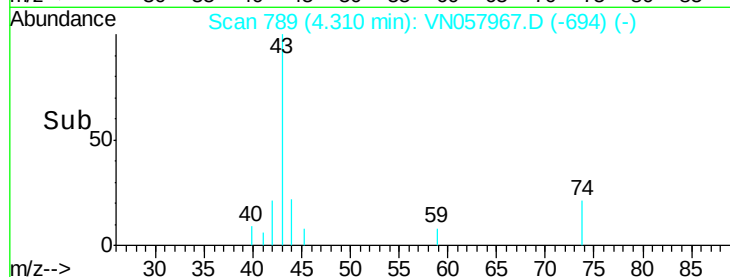
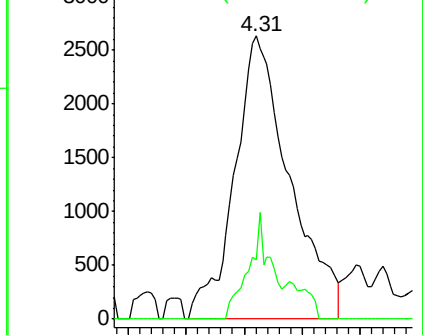
43 100

74 14.7 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 57.950 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057967.D

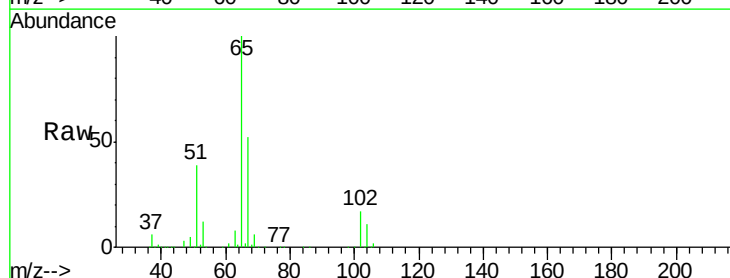
Acq: 12 Sep 2019 13:48

Tgt Ion: 65 Resp: 336967

Ion Ratio Lower Upper

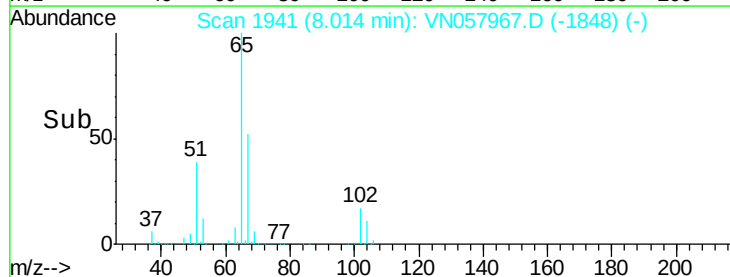
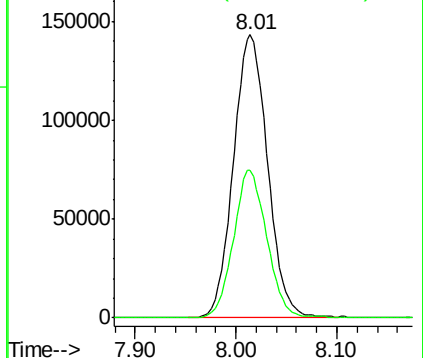
65 100

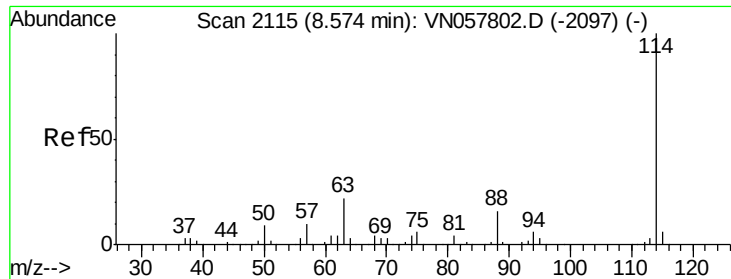
67 51.0 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

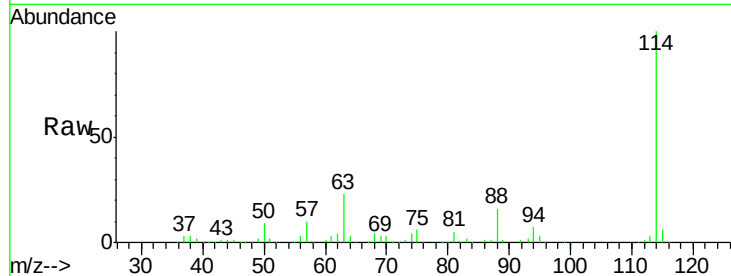




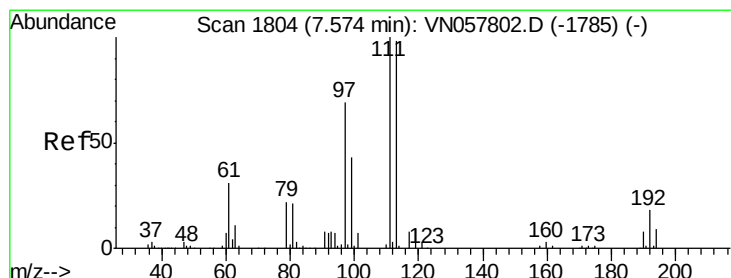
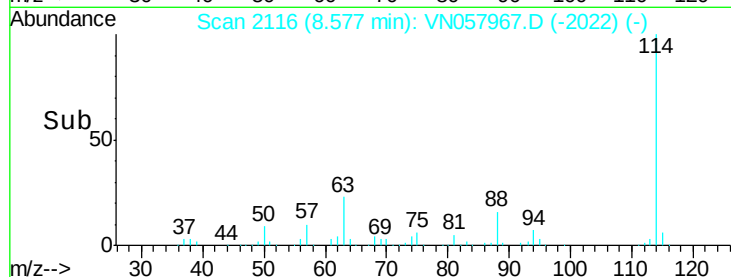
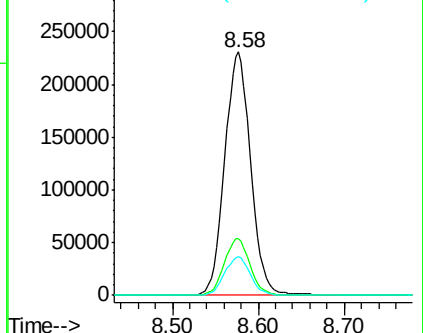
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057967.D
 Acq: 12 Sep 2019 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-D2-(4)

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	44.0
88	16.0	0.0	31.4

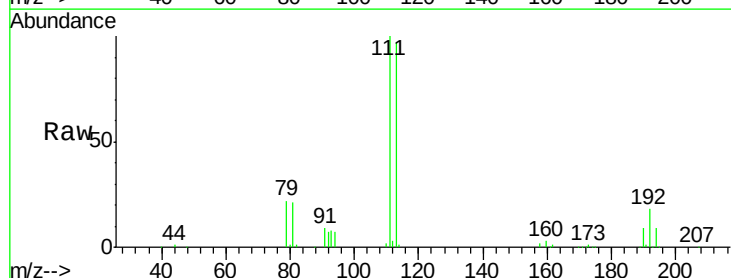


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

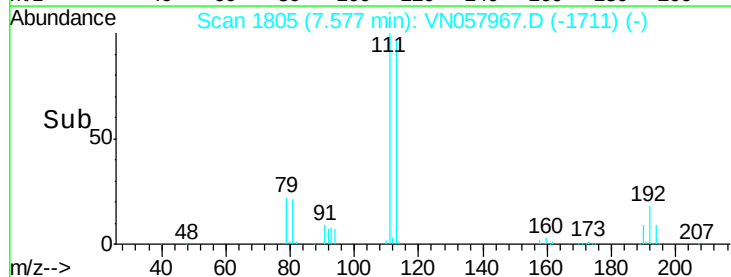
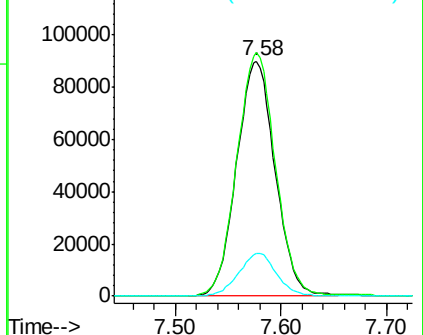


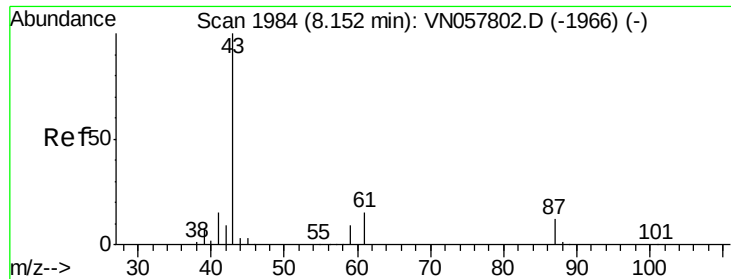
#35
 Dibromofluoromethane
 Concen: 51.145 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057967.D
 Acq: 12 Sep 2019 13:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.3	121.9
192	17.9	14.6	22.0



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





#43

Isopropyl Acetate

Concen: 3.170 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057967.D

Acq: 12 Sep 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

T11-D2-(4)

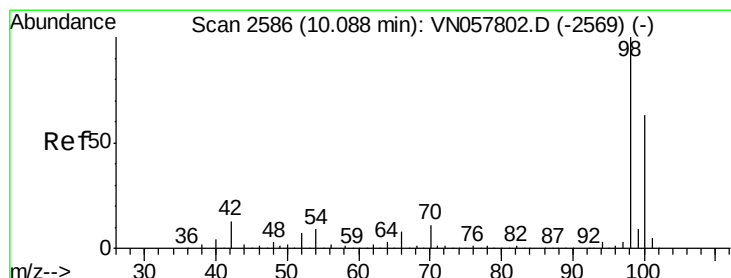
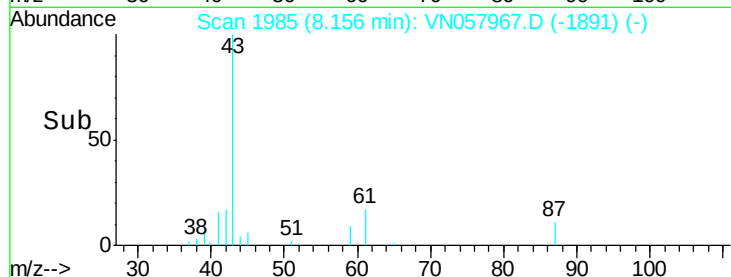
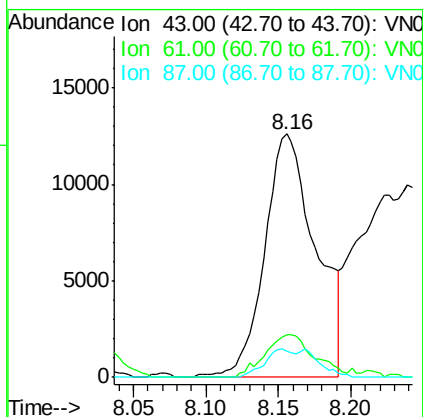
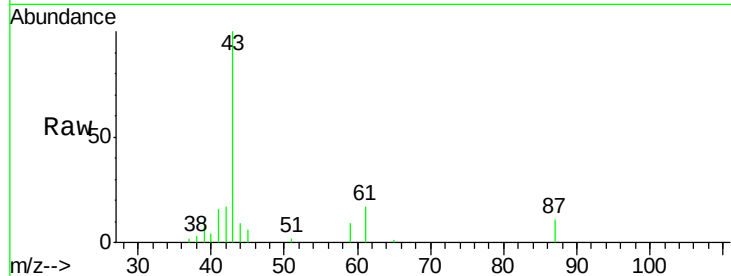
Tot Ion: 43 Resp: 30911

Ion Ratio Lower Upper

43 100

61 16.8 20.1 30.1#

87 6.8 9.5 14.3#



#50

Toluene-d8

Concen: 51.580 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057967.D

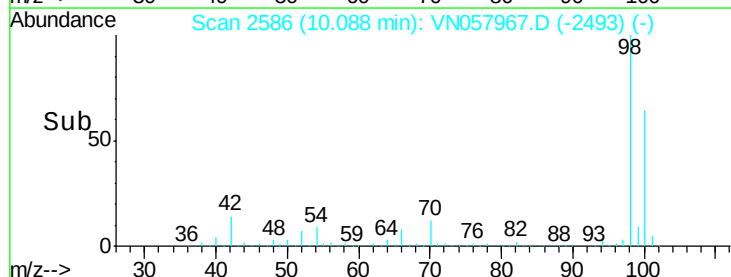
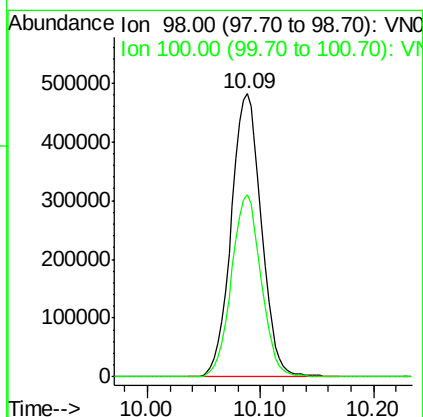
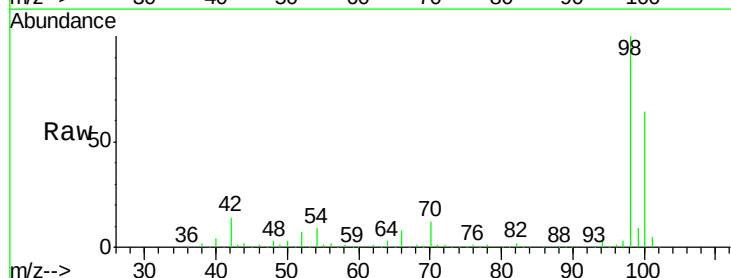
Acq: 12 Sep 2019 13:48

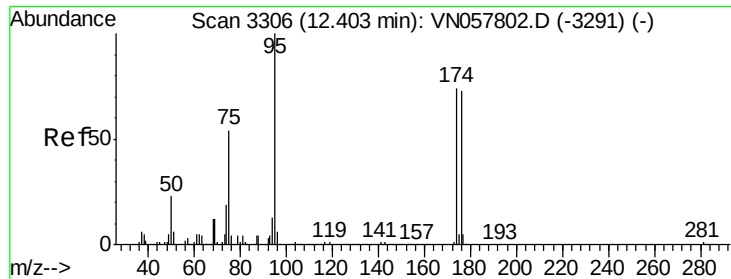
Tgt Ion: 98 Resp: 894577

Ion Ratio Lower Upper

98 100

100 63.2 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 45.181 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057967.D

Acq: 12 Sep 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

T11-D2-(4)

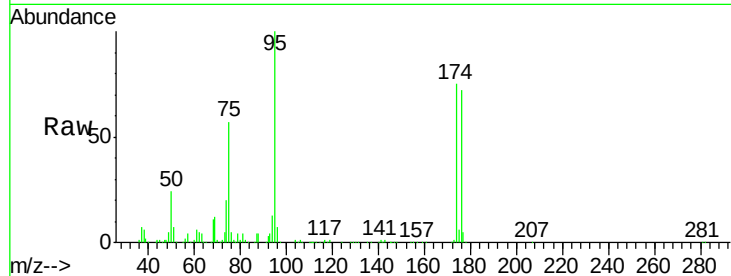
Tot Ion: 95 Resp: 298614

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.2

176 72.0 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)

12.41

200000

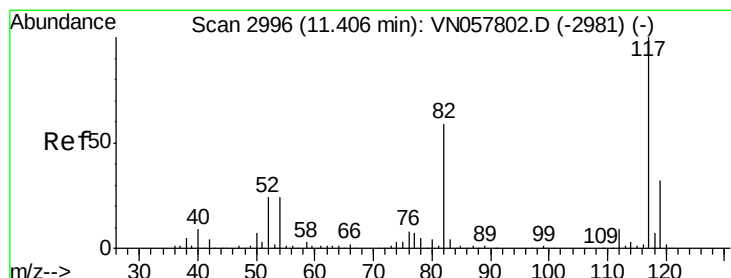
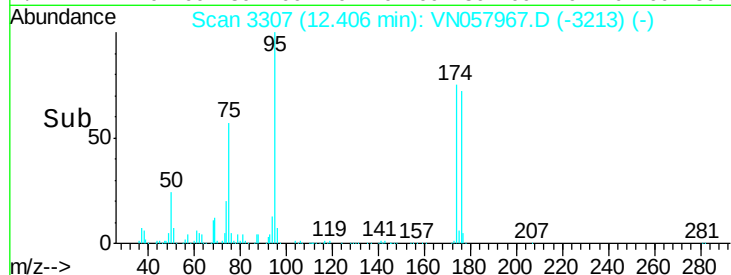
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN057967.D

Acq: 12 Sep 2019 13:48

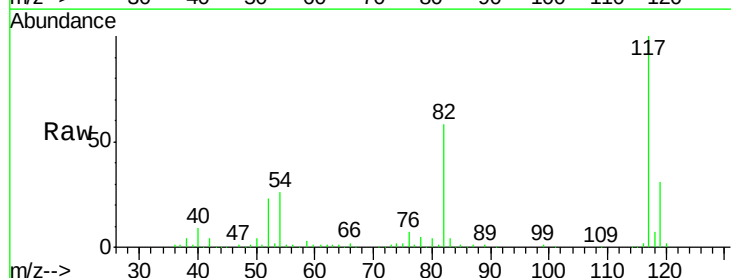
Tgt Ion: 117 Resp: 448117

Ion Ratio Lower Upper

117 100

82 58.3 47.2 70.8

119 31.2 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)

11.41

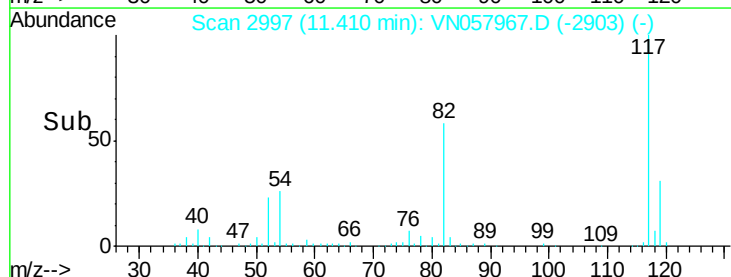
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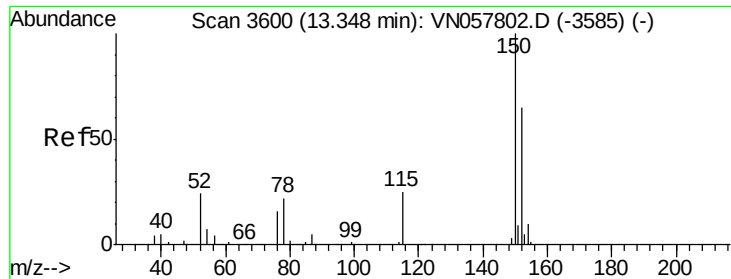
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057967.D

Acq: 12 Sep 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

T11-D2-(4)

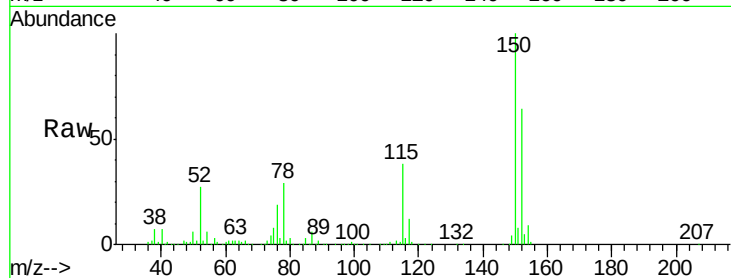
Tot Ion:152 Resp: 231476

Ion Ratio Lower Upper

152 100

115 61.4 30.3 91.0

150 158.9 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

