

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050555.D
 Acq On : 11 Aug 2018 7:27
 Operator : MD\SY
 Sample : J4282-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-080918-B

Quant Time: Aug 13 01:00:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	603970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	999426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	866191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	343233	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	417259	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
35) Dibromofluoromethane	7.59	113	386805	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
50) Toluene-d8	10.09	98	1366338	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	
62) 4-Bromofluorobenzene	12.40	95	388922	37.85	ug/l	0.00
Spiked Amount			Recovery	=	75.70%	

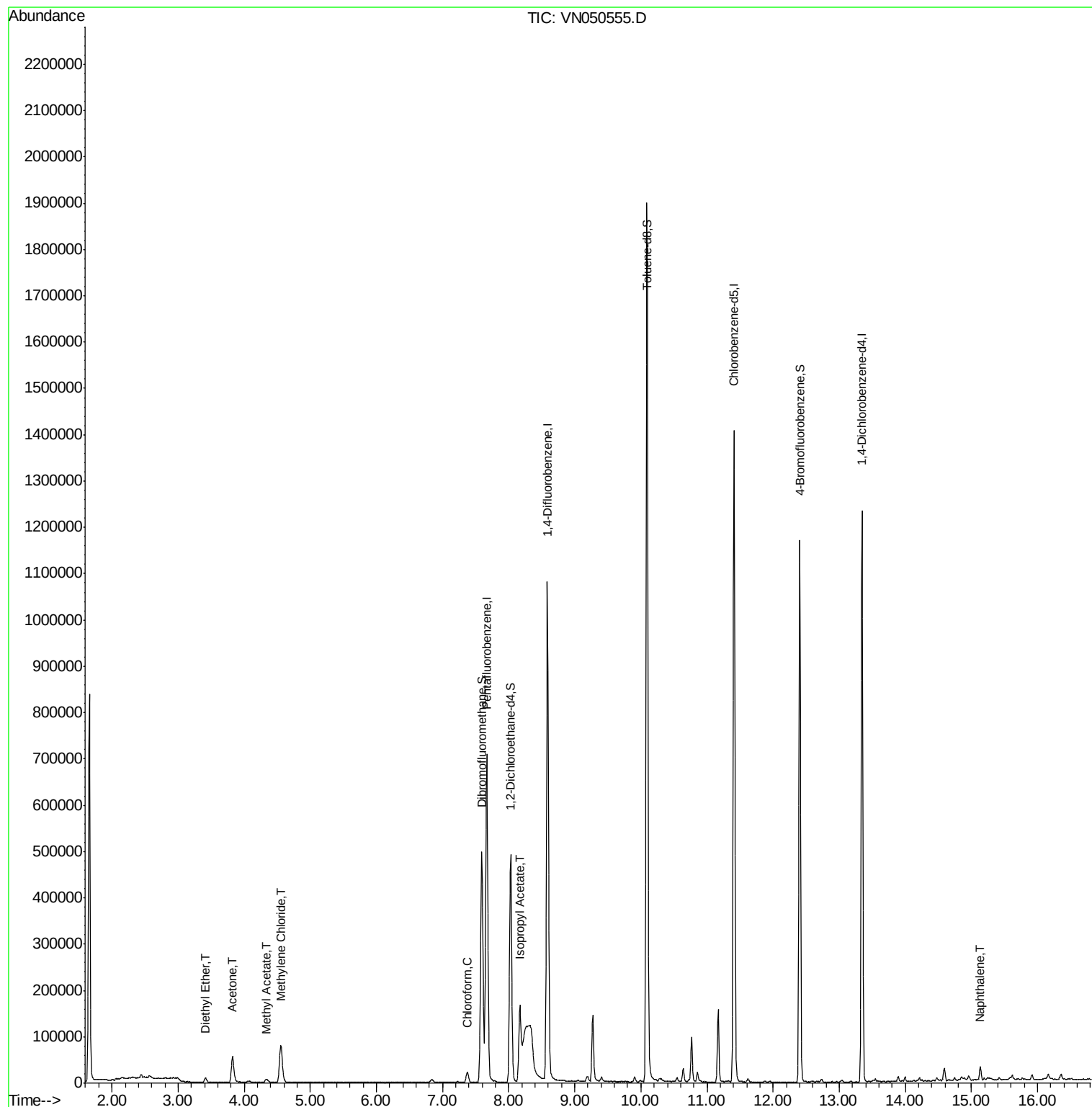
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	5028	1.22	ug/l	93
16) Acetone	3.82	43	95291	39.29	ug/l	97
18) Methyl Acetate	4.34	43	14433	2.12	ug/l	100
20) Methylene Chloride	4.56	84	63353	7.28	ug/l	99
30) Chloroform	7.37	83	24858	1.89	ug/l	92
43) Isopropyl Acetate	8.17	43	210383	15.41	ug/l	96
95) Naphthalene	15.14	128	26593	5.10	ug/l	98

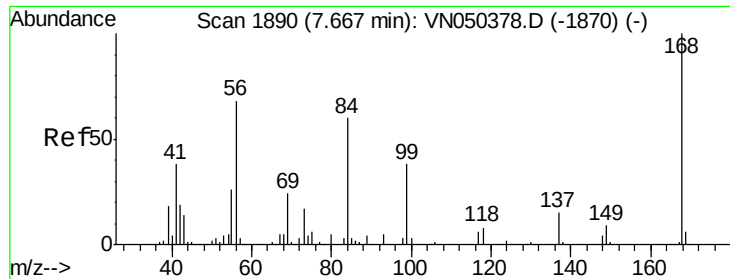
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081018\
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050555.D

Acq: 11 Aug 2018 7:27

Instrument :

MSVOA_N

ClientSampleId :

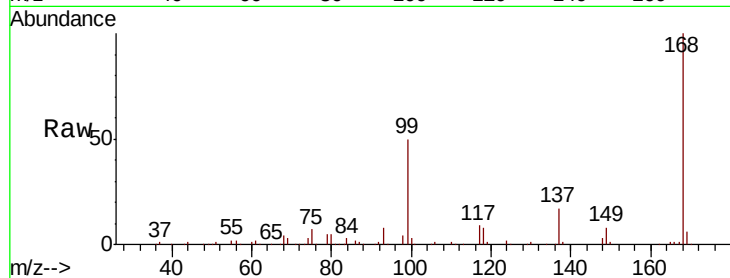
SU-02-080918-B

Tot Ion:168 Resp: 603970

Ion Ratio Lower Upper

168 100

99 50.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

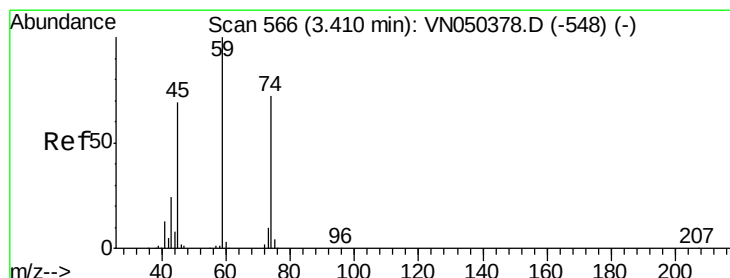
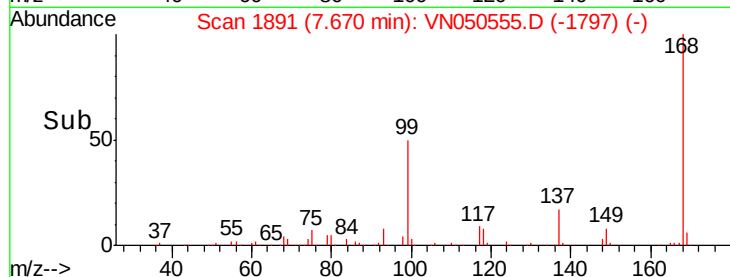
100000

50000

0

Time-->

7.60 7.70 7.80



#8

Diethyl Ether

Concen: 1.22 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050555.D

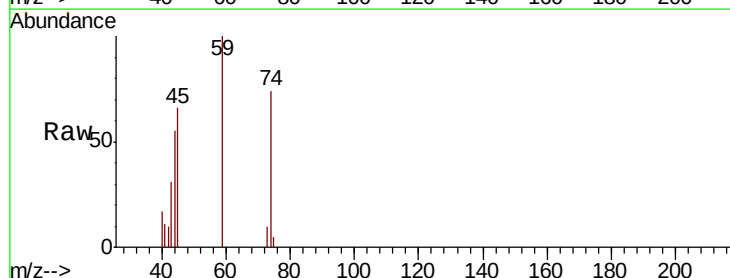
Acq: 11 Aug 2018 7:27

Tgt Ion: 74 Resp: 5028

Ion Ratio Lower Upper

74 100

45 88.5 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.41

2500

2000

1500

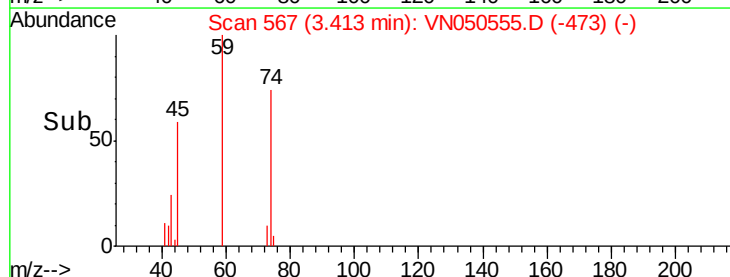
1000

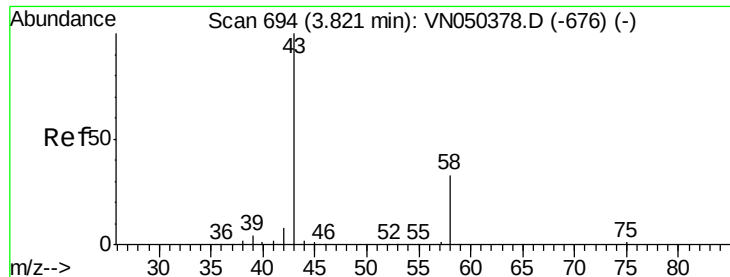
500

0

Time-->

3.35 3.40 3.45





#16

Acetone

Concen: 39.29 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050555.D

Acq: 11 Aug 2018 7:27

Instrument :

MSVOA_N

ClientSampleId :

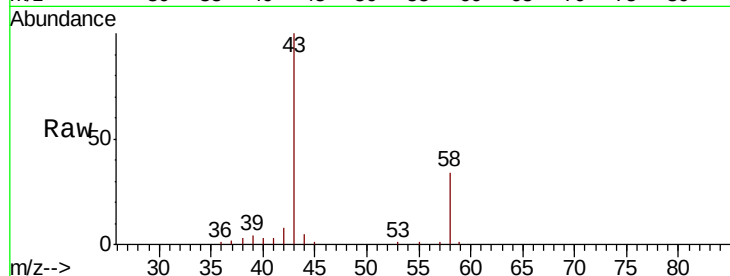
SU-02-080918-B

Tot Ion: 43 Resp: 95291

Ion Ratio Lower Upper

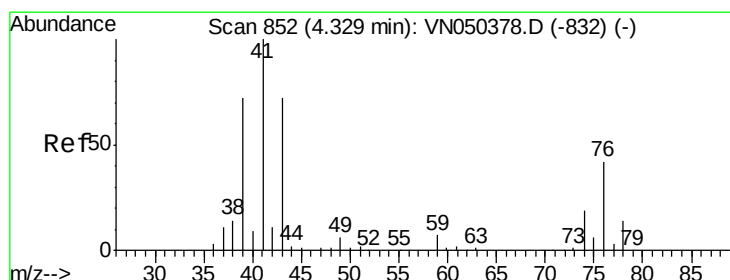
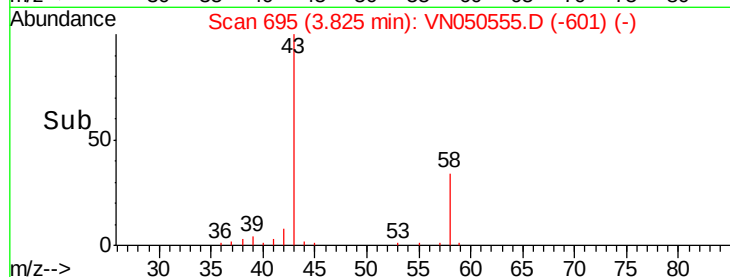
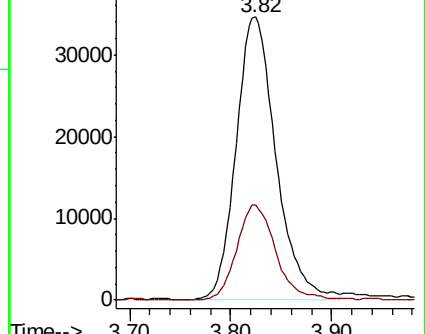
43 100

58 33.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)



#18

Methyl Acetate

Concen: 2.12 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050555.D

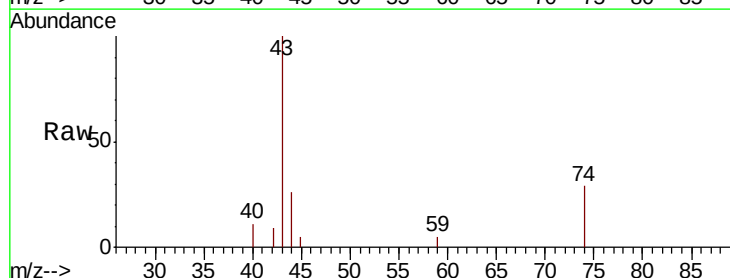
Acq: 11 Aug 2018 7:27

Tgt Ion: 43 Resp: 14433

Ion Ratio Lower Upper

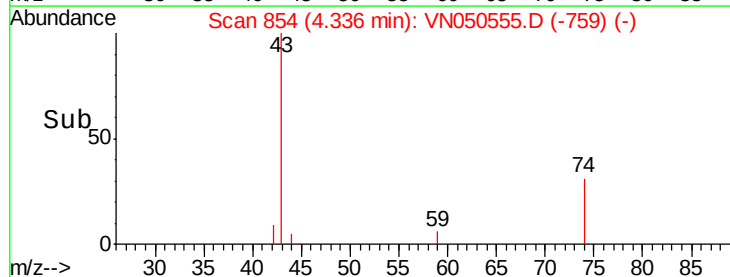
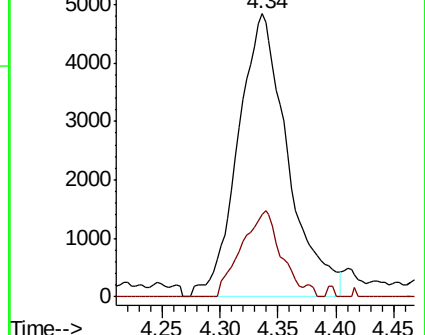
43 100

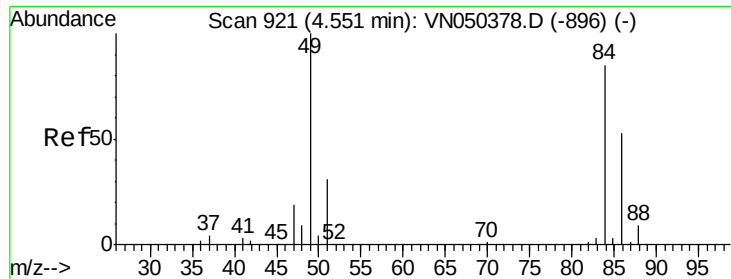
74 24.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-832) (-)

Ion 74.00 (73.70 to 74.70): VN050378.D (-832) (-)

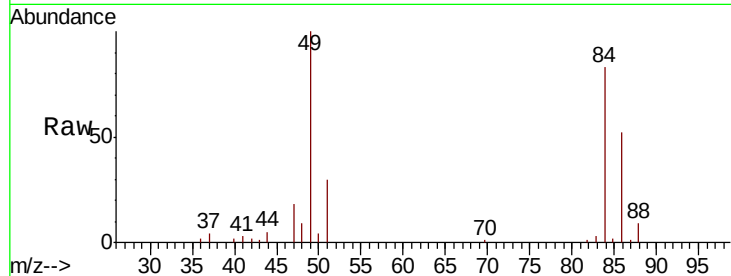




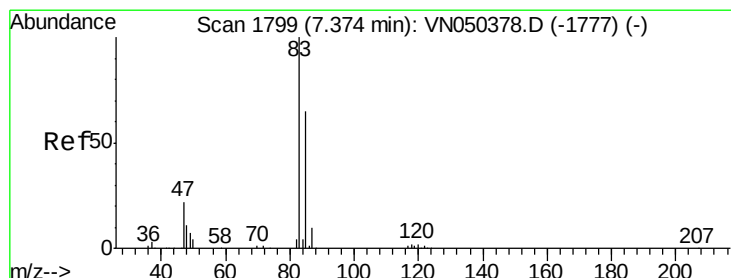
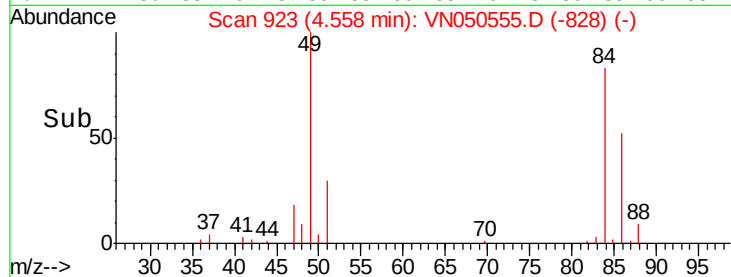
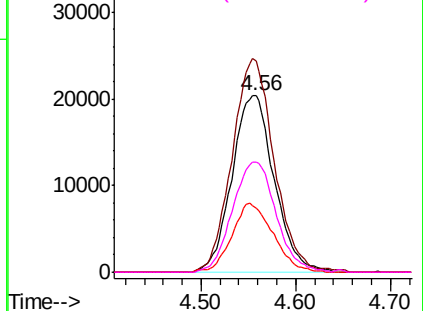
#20
Methylene Chloride
Concen: 7.28 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050555.D
Acq: 11 Aug 2018 7:27

Instrument :
MSVOA_N
ClientSampled :
SU-02-080918-B

Tot Ion: 84 Resp: 63353
Ion Ratio Lower Upper
84 100
49 119.8 94.8 142.2
51 36.2 28.3 42.5
86 62.1 51.0 76.6

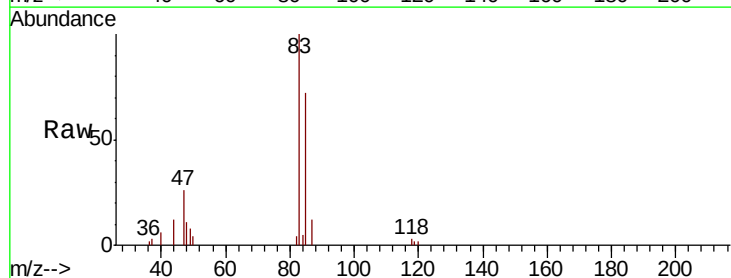


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

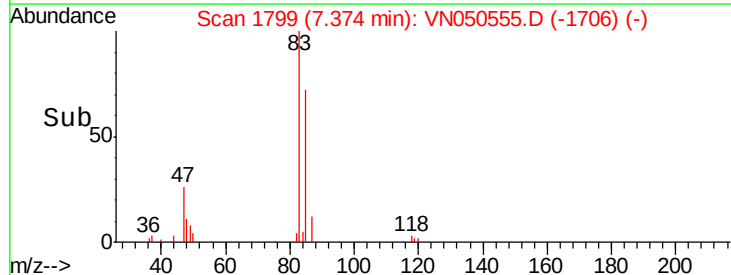
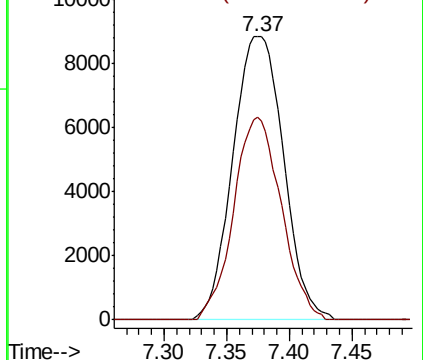


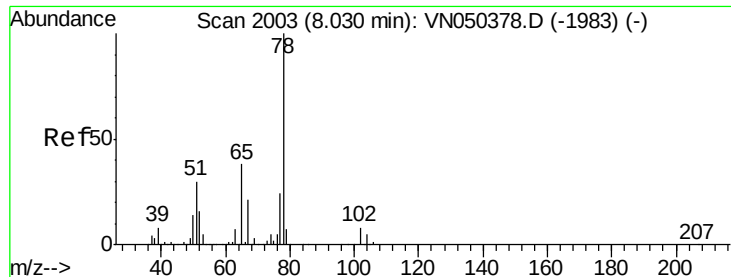
#30
Chloroform
Concen: 1.89 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050555.D
Acq: 11 Aug 2018 7:27

Tgt Ion: 83 Resp: 24858
Ion Ratio Lower Upper
83 100
85 71.6 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO

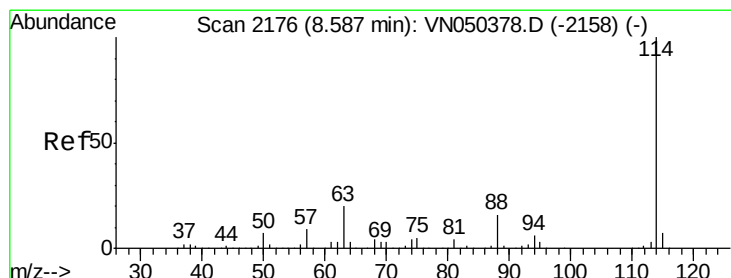
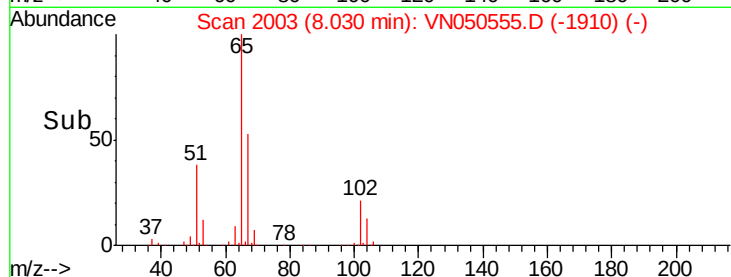
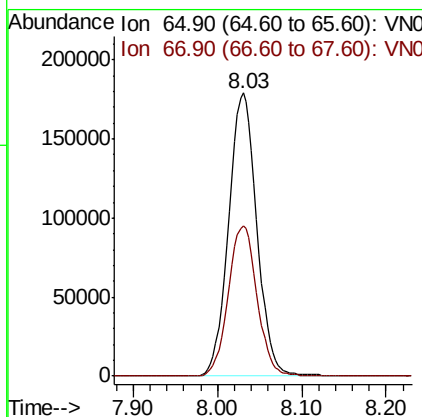
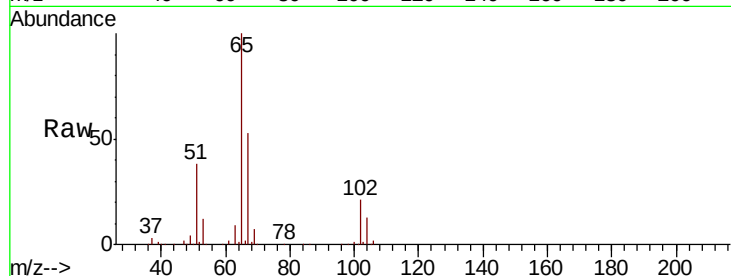




#33
 1,2-Dichloroethane-d4
 Concen: 51.71 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050555.D
 Acq: 11 Aug 2018 7:27

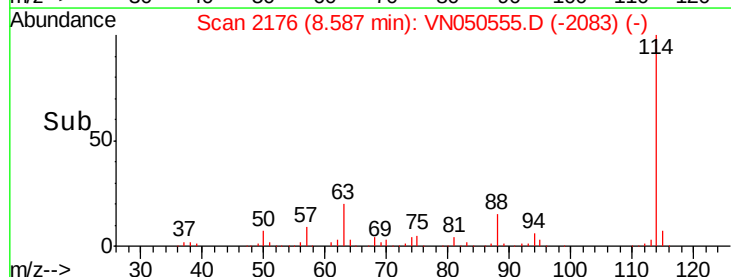
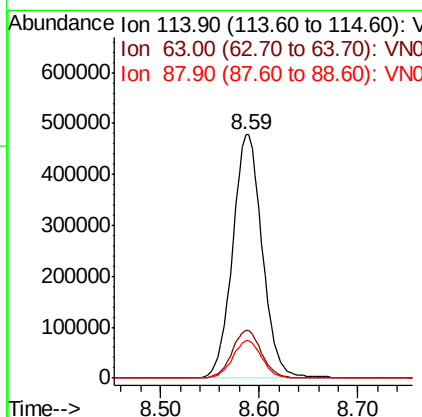
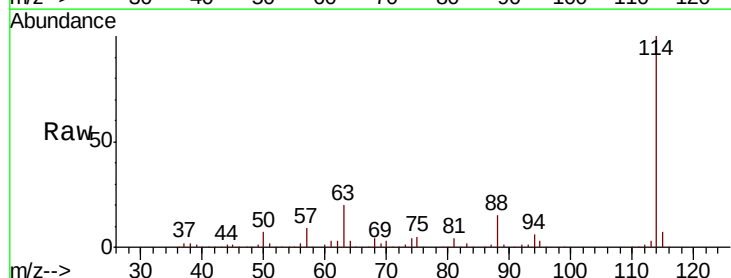
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-080918-B

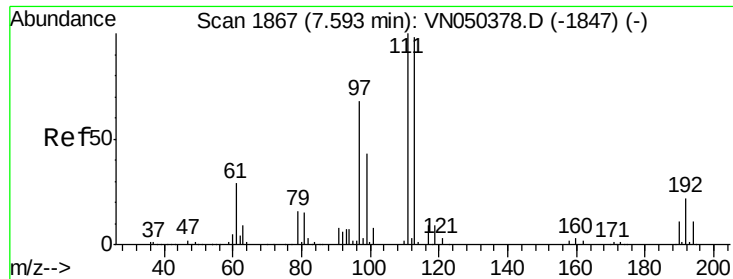
Tot Ion: 65 Resp: 417259
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050555.D
 Acq: 11 Aug 2018 7:27

Tgt Ion: 114 Resp: 999426
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.3 0.0 31.2

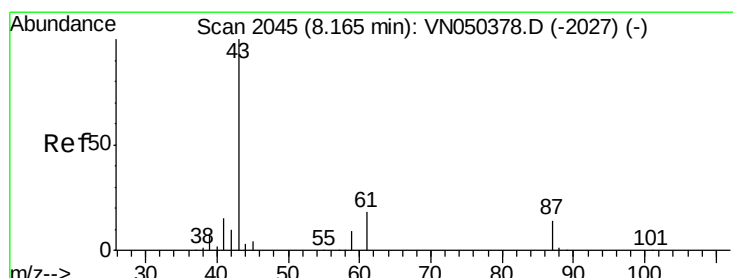
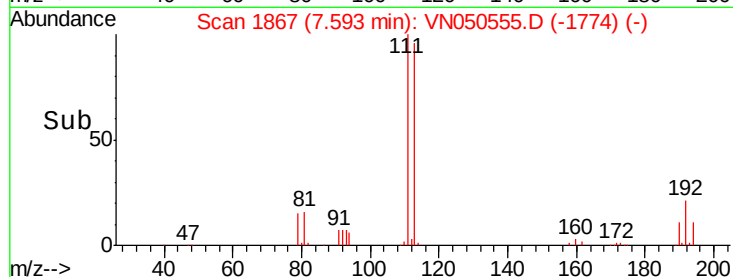
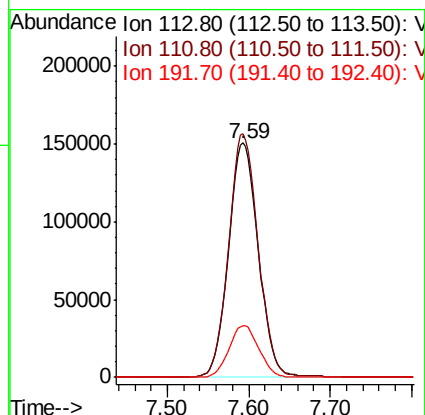
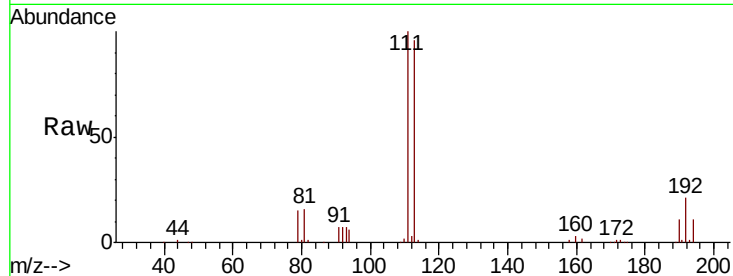




#35
 Dibromofluoromethane
 Concen: 48.23 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050555.D
 Acq: 11 Aug 2018 7:27

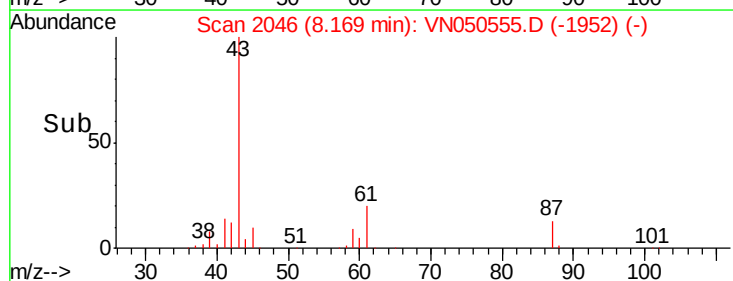
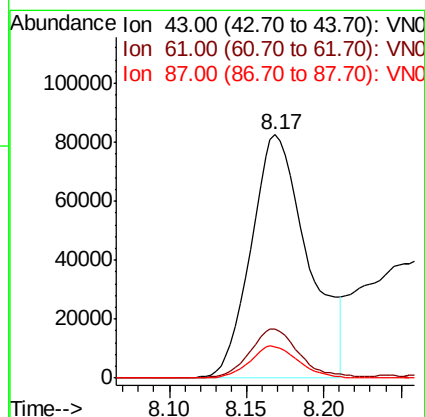
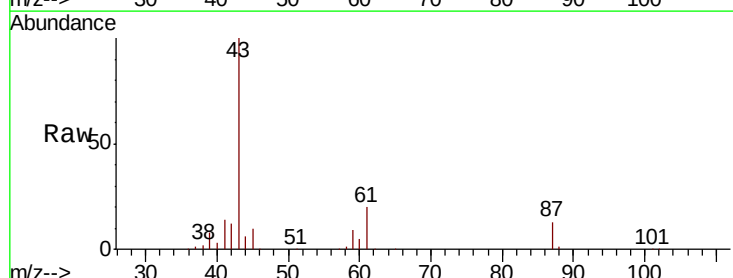
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-080918-B

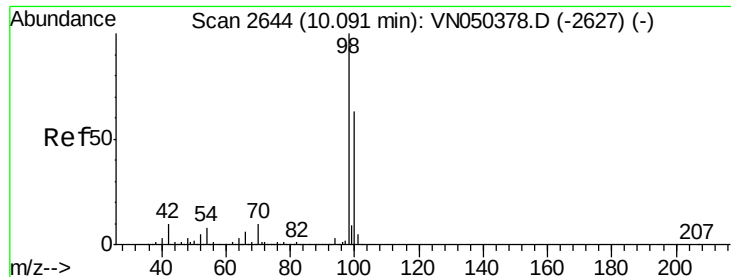
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.7	121.1
192	22.2	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 15.41 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050555.D
 Acq: 11 Aug 2018 7:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	15.8	23.6
87	11.3	10.3	15.5

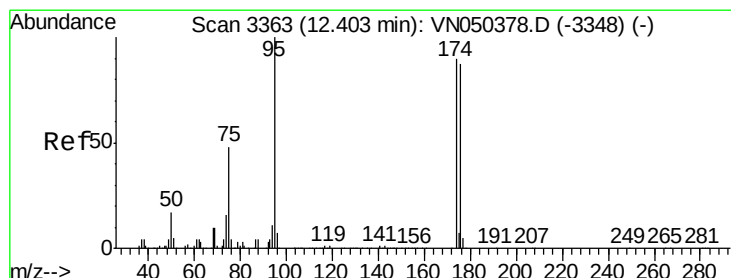
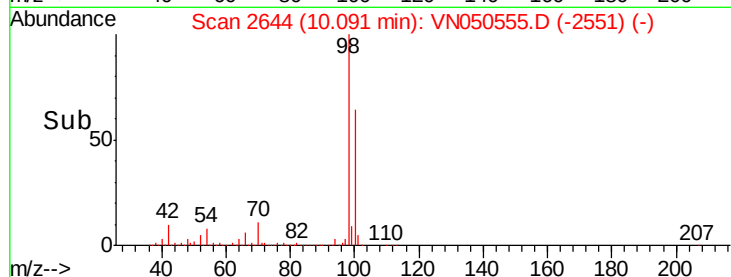
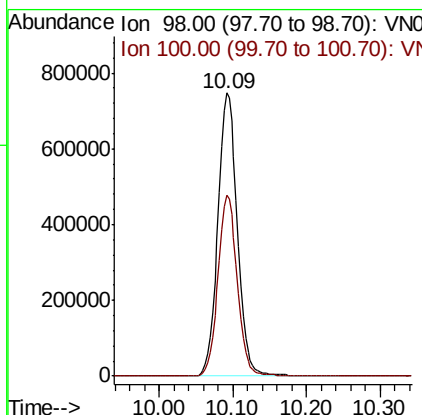
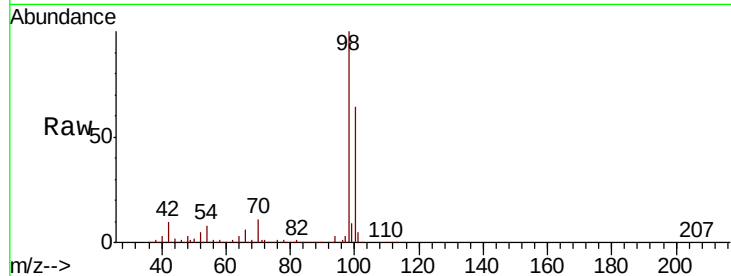




#50
Toluene-d8
Concen: 45.32 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050555.D
Acq: 11 Aug 2018 7:27

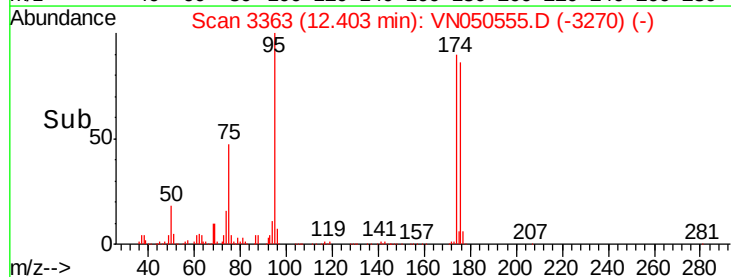
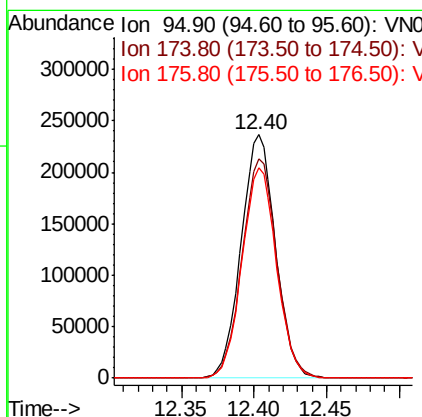
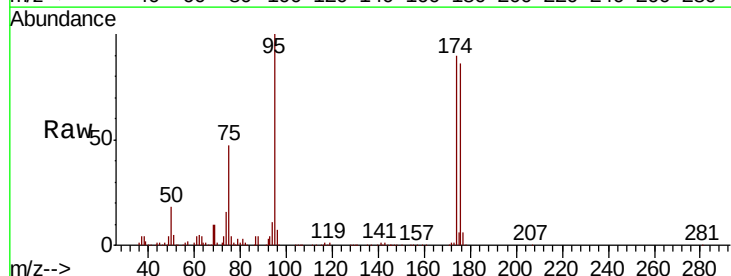
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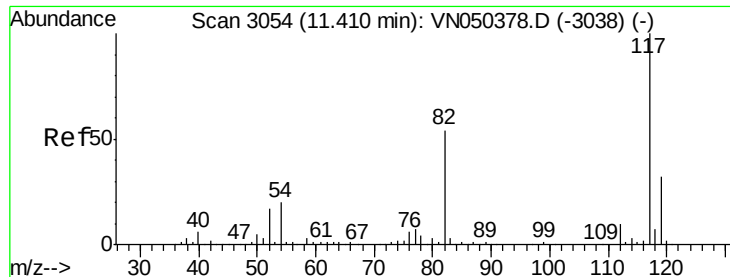
Tot Ion: 98 Resp: 1366338
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 37.85 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050555.D
Acq: 11 Aug 2018 7:27

Tgt Ion: 95 Resp: 388922
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.2
176 87.0 0.0 173.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050555.D

Acq: 11 Aug 2018 7:27

Instrument :

MSVOA_N

ClientSampleId :

SU-02-080918-B

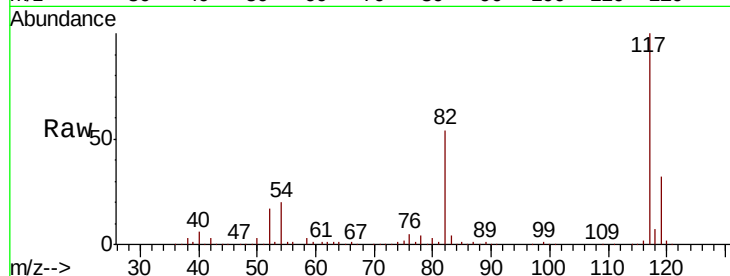
Tot Ion:117 Resp: 866191

Ion Ratio Lower Upper

117 100

82 53.6 43.7 65.5

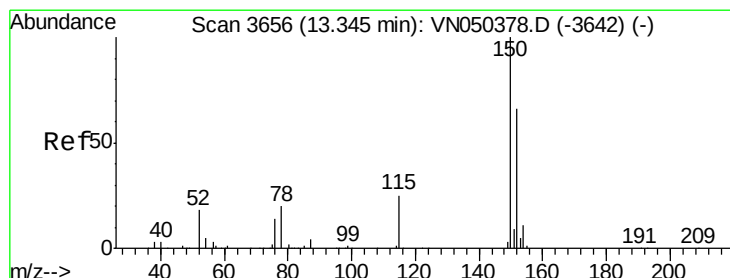
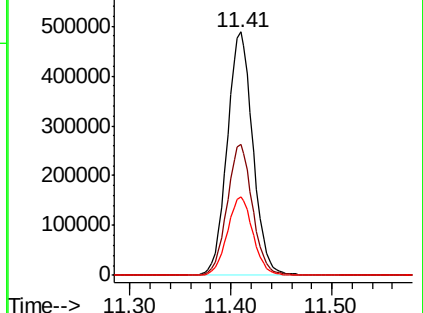
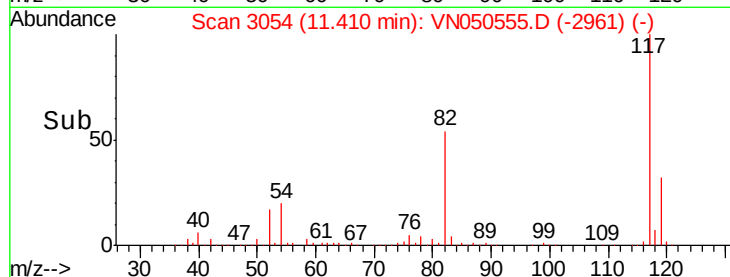
119 32.1 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050555.D

Acq: 11 Aug 2018 7:27

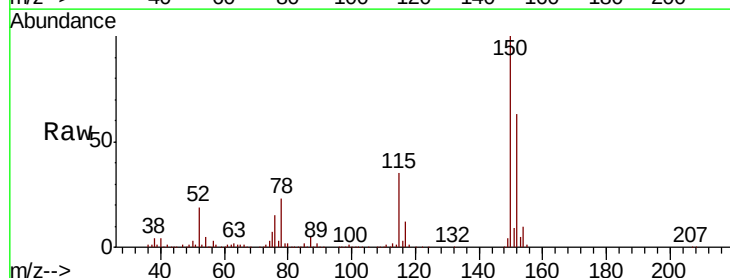
Tgt Ion:152 Resp: 343233

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.3

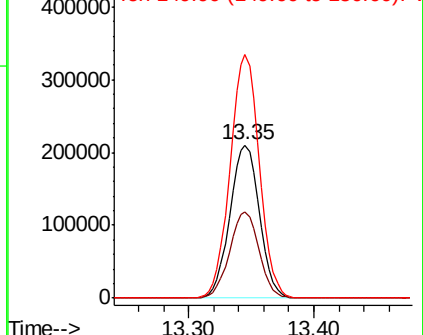
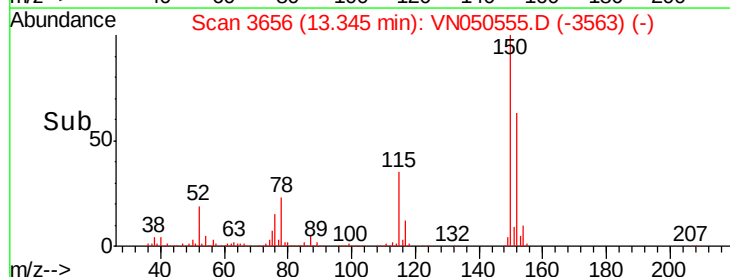
150 157.1 0.0 348.6

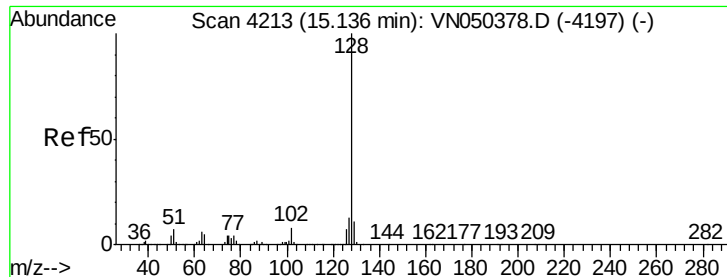


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

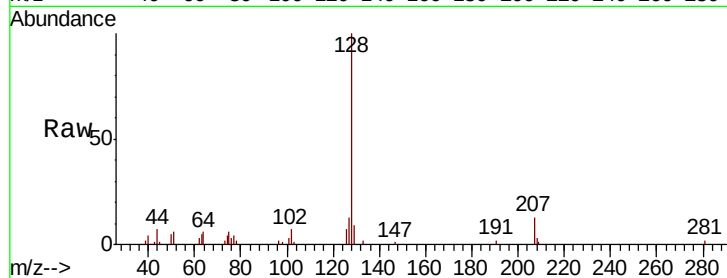




#95
Naphthalene
Concen: 5.10 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050555.D
Acq: 11 Aug 2018 7:27

Instrument :
MSVOA_N
ClientSampleId :
SU-02-080918-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.0	8.8	13.2



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

