

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050419.D
 Acq On : 7 Aug 2018 6:45
 Operator : MD\SY
 Sample : J4348-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11930

Quant Time: Aug 07 08:24:04 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	669723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1101463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	970190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	398498	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	466445	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
35) Dibromofluoromethane	7.59	113	422465	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	10.09	98	1516142	45.63	ug/l	0.00
Spiked Amount			Recovery	=	91.26%	
62) 4-Bromofluorobenzene	12.40	95	446609	39.43	ug/l	0.00
Spiked Amount			Recovery	=	78.86%	

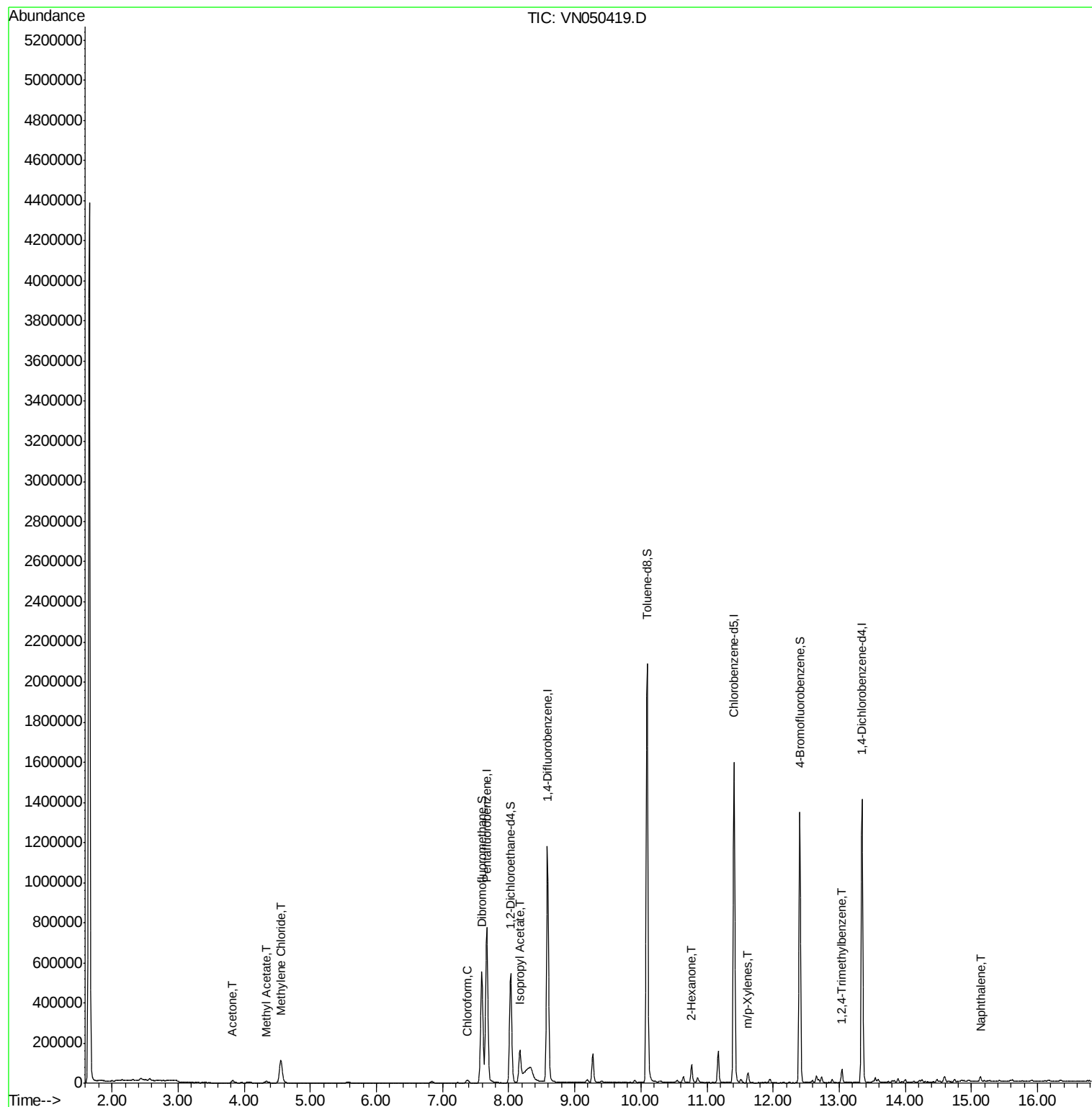
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	17352	6.15	ug/l	94
18) Methyl Acetate	4.33	43	14465	1.90	ug/l	98
20) Methylene Chloride	4.55	84	90577	9.85	ug/l	95
30) Chloroform	7.37	83	14830	1.02	ug/l	99
43) Isopropyl Acetate	8.17	43	207750	13.81	ug/l	95
59) 2-Hexanone	10.77	43	12871	1.70	ug/l #	57
68) m/p-Xylenes	11.62	106	15009	1.00	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	37811	1.54	ug/l	100
95) Naphthalene	15.13	128	23065	4.73	ug/l	99

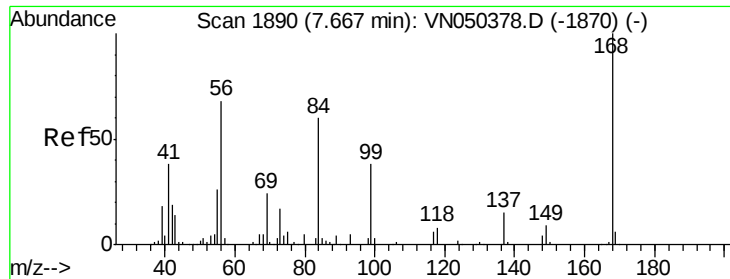
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
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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: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

ClientSampleId :

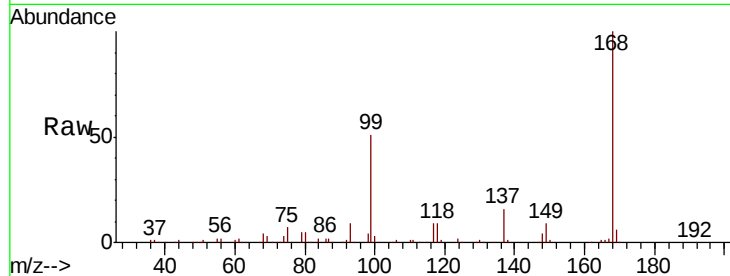
72-11930

Tot Ion:168 Resp: 669723

Ion Ratio Lower Upper

168 100

99 50.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

300000

250000

200000

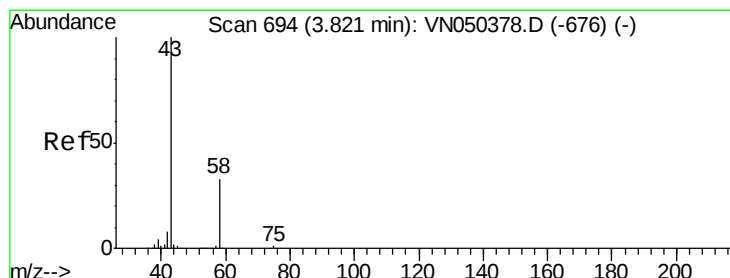
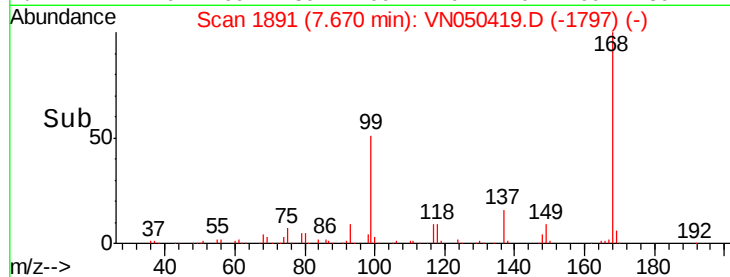
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.15 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050419.D

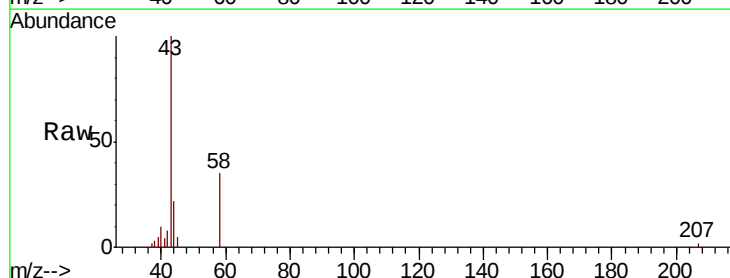
Acq: 7 Aug 2018 6:45

Tgt Ion: 43 Resp: 17352

Ion Ratio Lower Upper

43 100

58 35.7 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) (-)

3.82

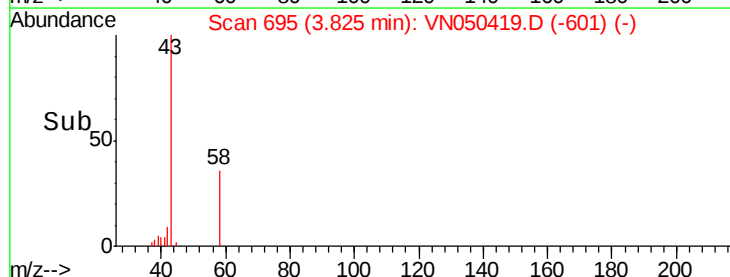
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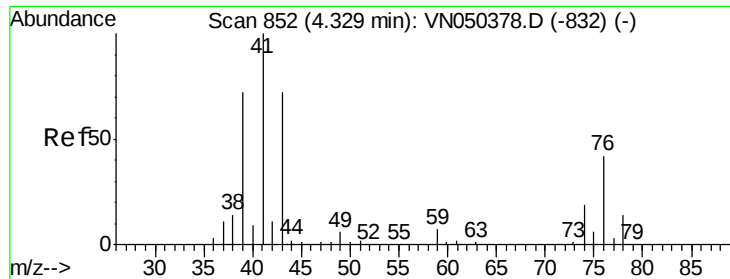
4000

2000

0

Time-->

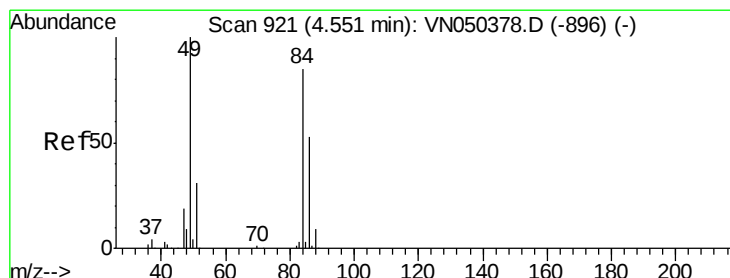
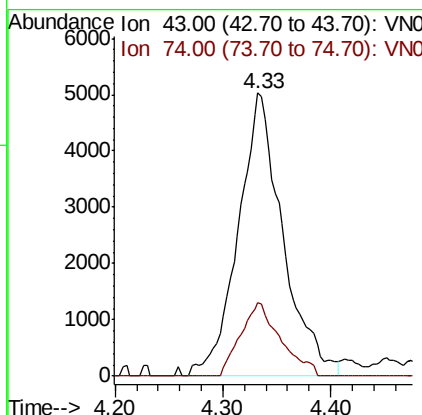
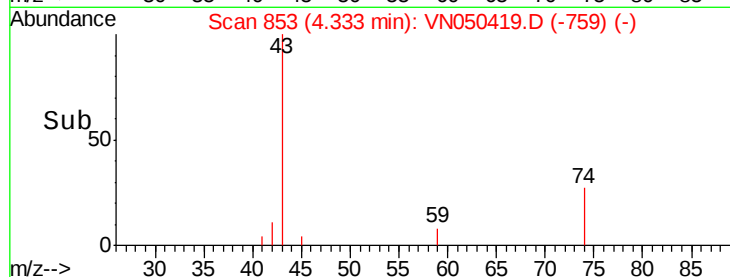
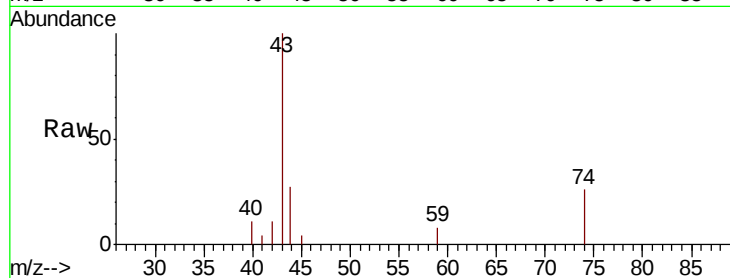




#18
Methyl Acetate
Concen: 1.90 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

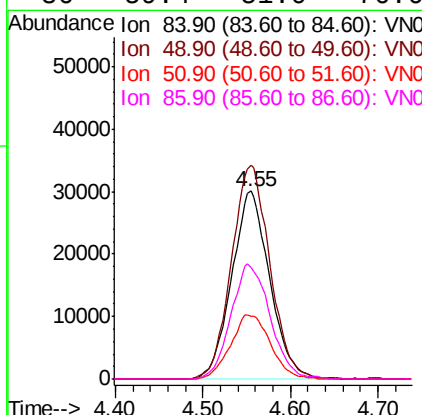
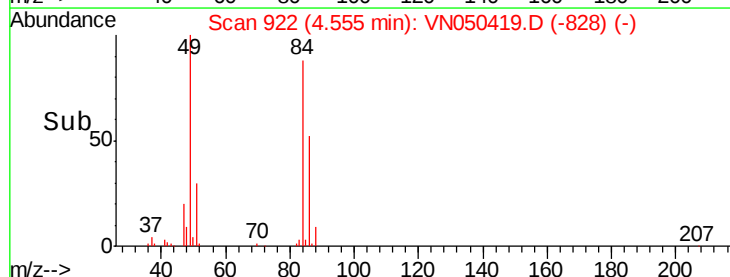
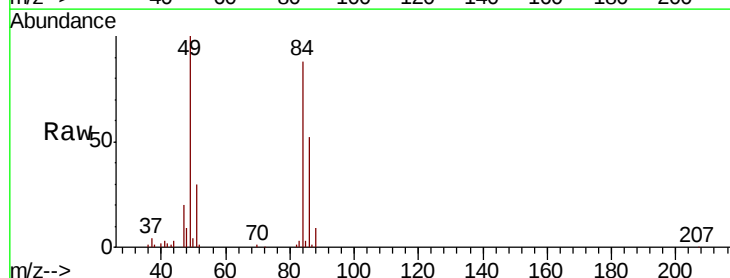
Instrument :
MSVOA_N
ClientSampled :
72-11930

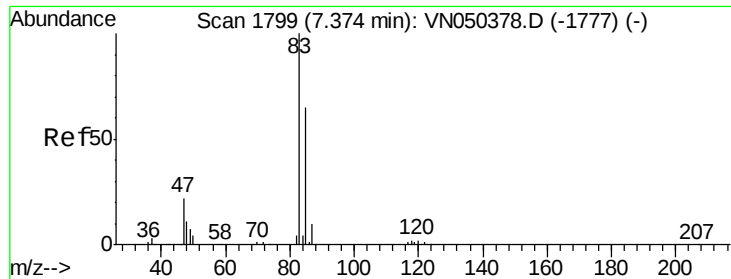
Tot Ion: 43 Resp: 14465
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8



#20
Methylene Chloride
Concen: 9.85 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

Tgt Ion: 84 Resp: 90577
Ion Ratio Lower Upper
84 100
49 113.7 94.8 142.2
51 33.6 28.3 42.5
86 59.4 51.0 76.6

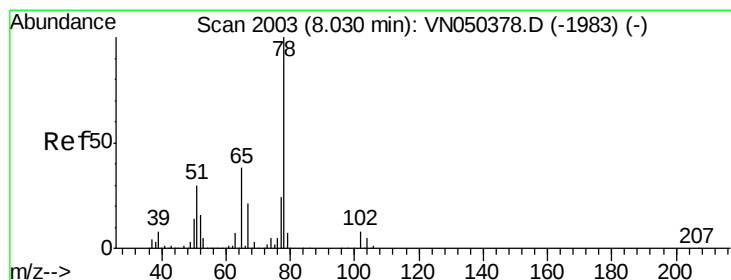
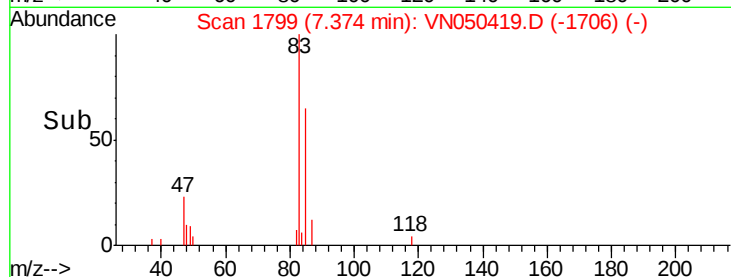
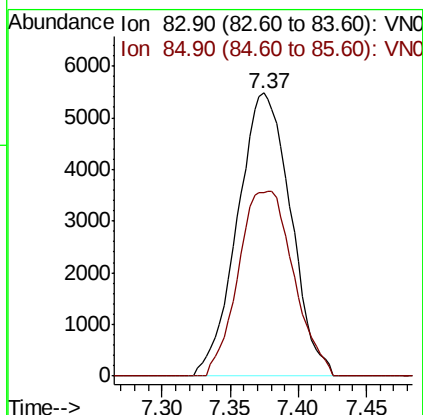
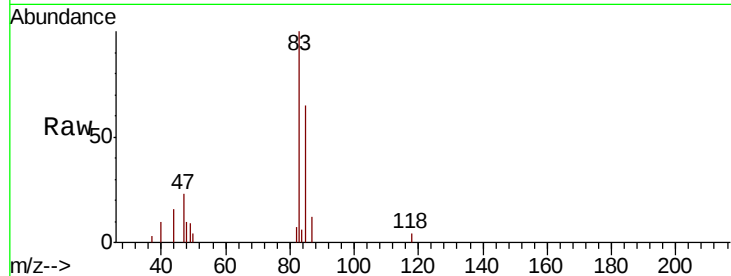




#30
Chloroform
Concen: 1.02 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

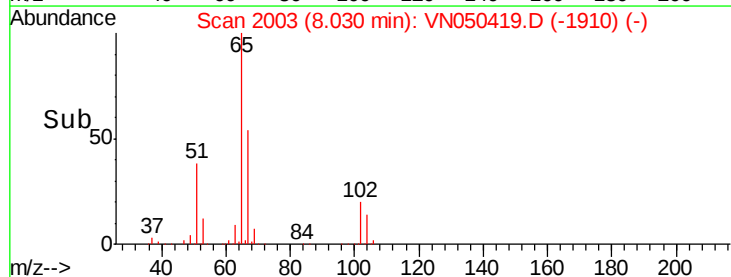
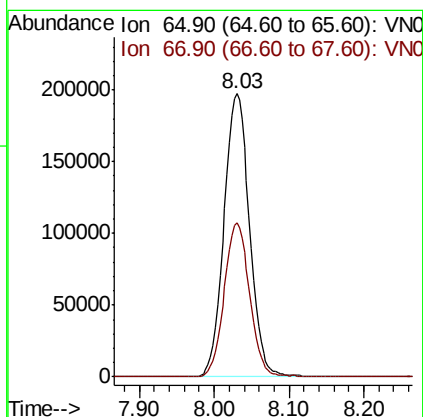
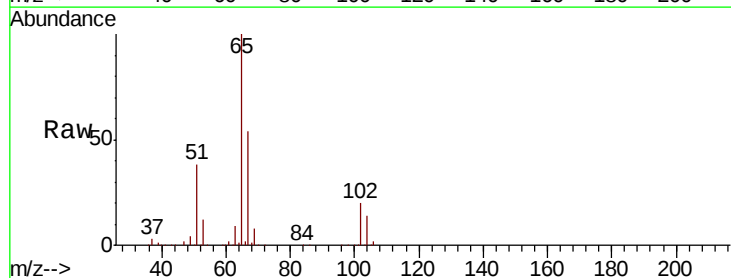
Instrument :
MSVOA_N
ClientSampled :
72-11930

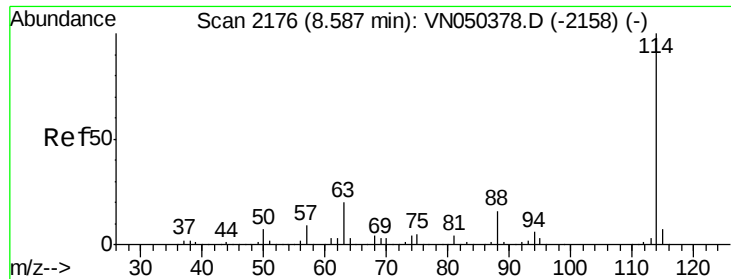
Tot Ion: 83 Resp: 14830
Ion Ratio Lower Upper
83 100
85 64.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 52.13 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

Tgt Ion: 65 Resp: 466445
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.4

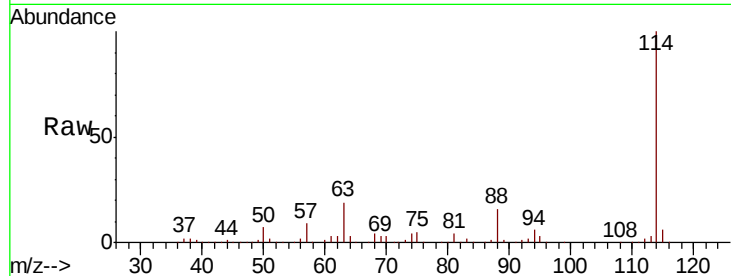




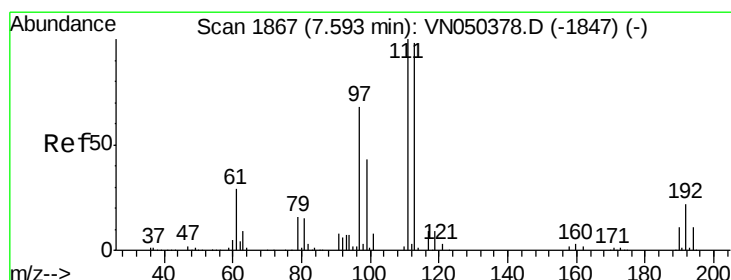
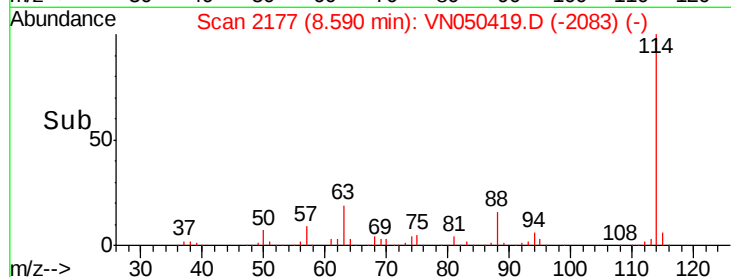
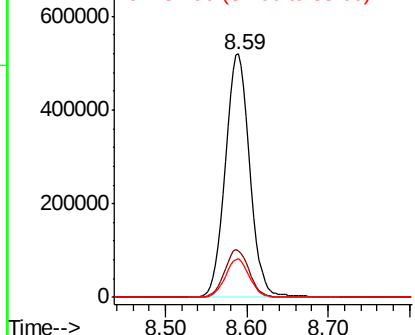
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050419.D
 Acq: 7 Aug 2018 6:45

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11930

Tot Ion:114 Resp: 1101463
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.8 0.0 31.2

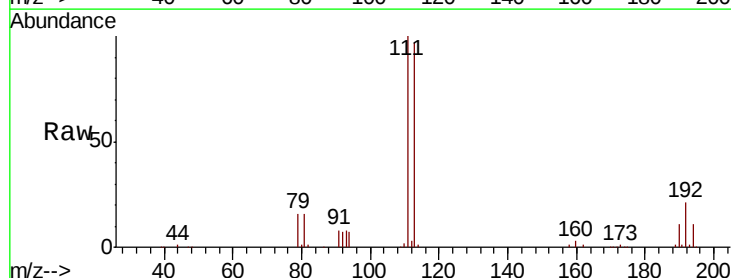


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

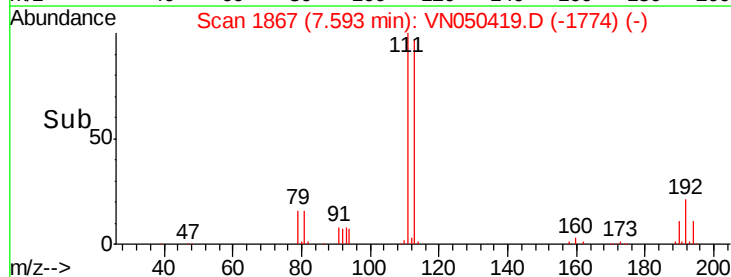
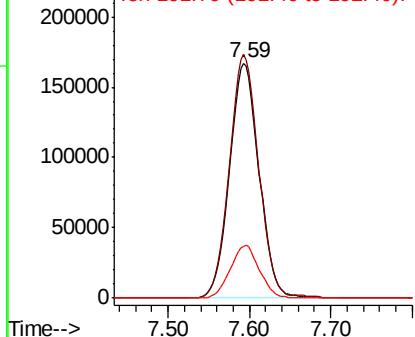


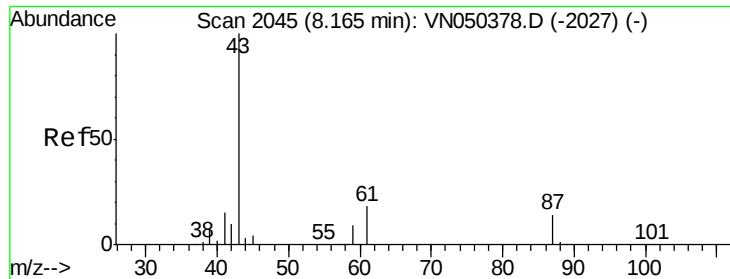
#35
 Dibromofluoromethane
 Concen: 47.80 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050419.D
 Acq: 7 Aug 2018 6:45

Tgt Ion:113 Resp: 422465
 Ion Ratio Lower Upper
 113 100
 111 103.4 80.7 121.1
 192 22.1 17.8 26.6



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





#43

Isopropyl Acetate

Concen: 13.81 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

ClientSampled :

72-11930

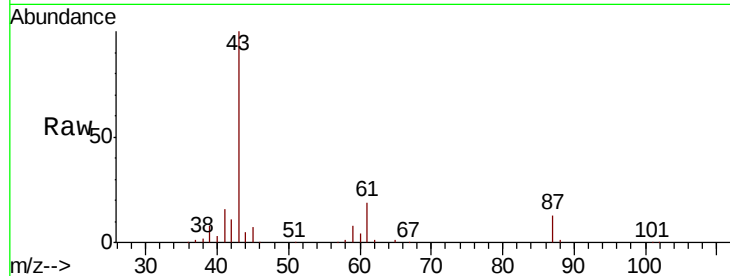
Tot Ion: 43 Resp: 207750

Ion Ratio Lower Upper

43 100

61 17.2 15.8 23.6

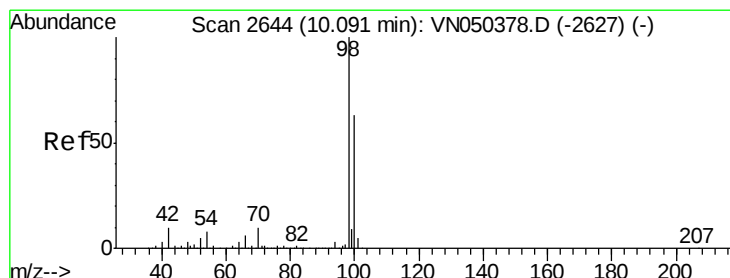
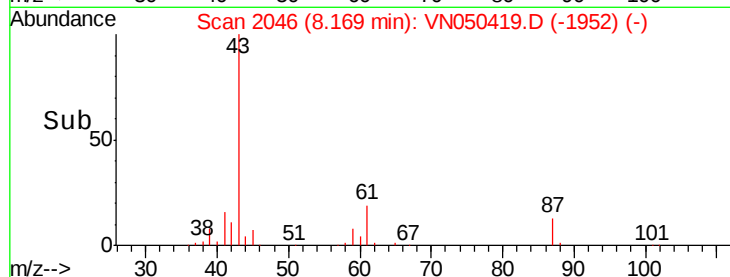
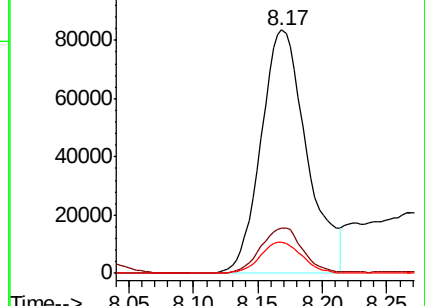
87 11.6 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.63 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050419.D

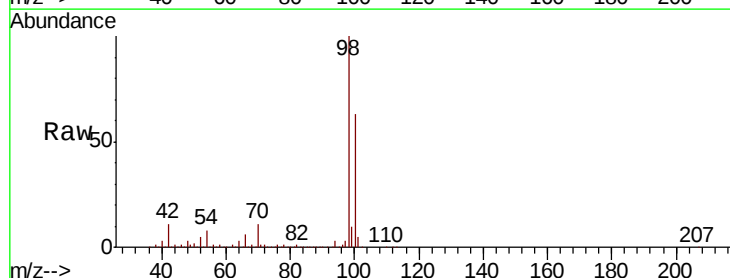
Acq: 7 Aug 2018 6:45

Tgt Ion: 98 Resp: 1516142

Ion Ratio Lower Upper

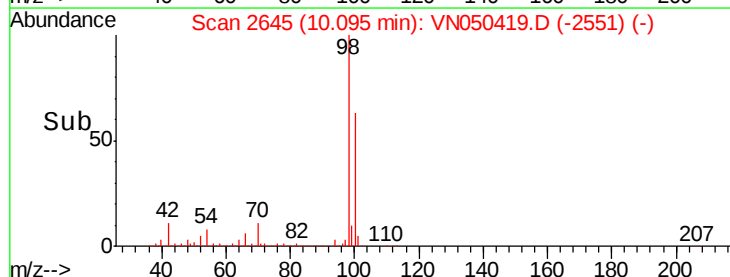
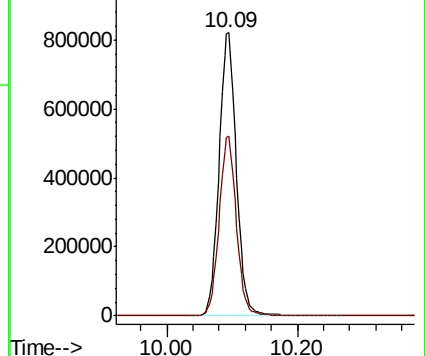
98 100

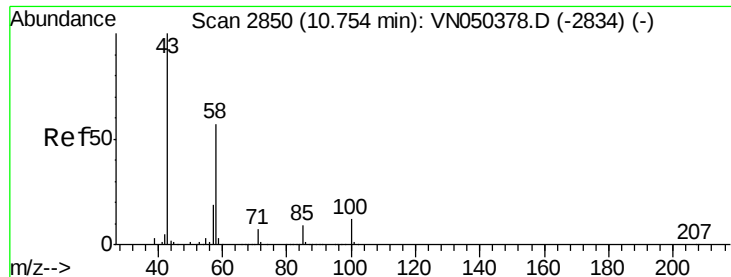
100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 1.70 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

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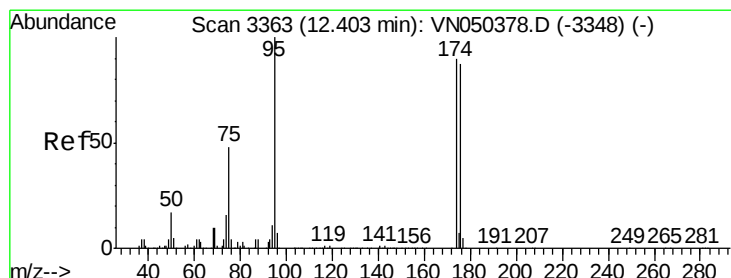
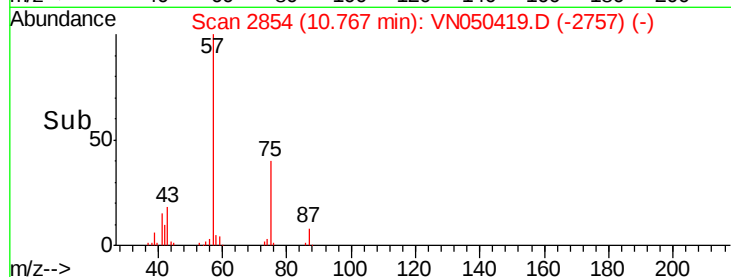
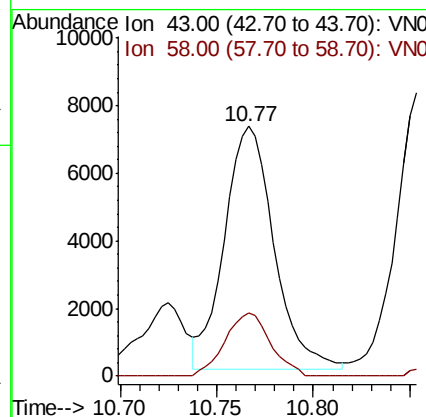
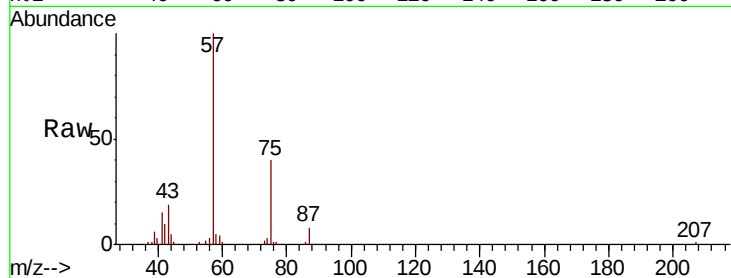
72-11930

Tot Ion: 43 Resp: 12871

Ion Ratio Lower Upper

43 100

58 23.7 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 39.43 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

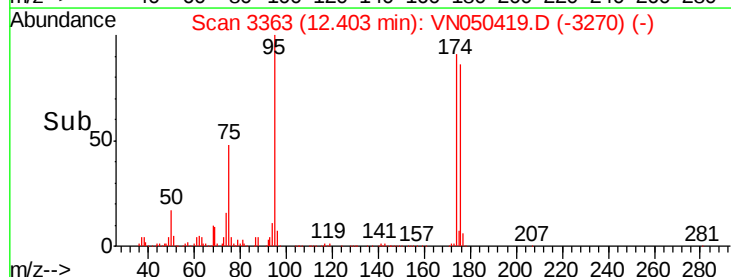
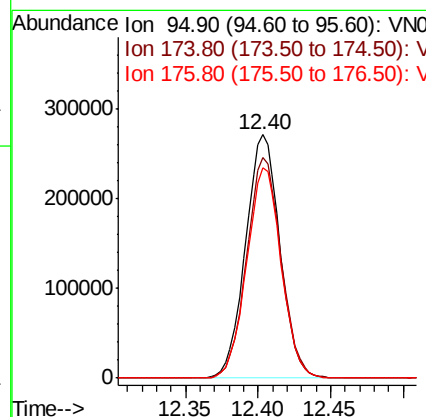
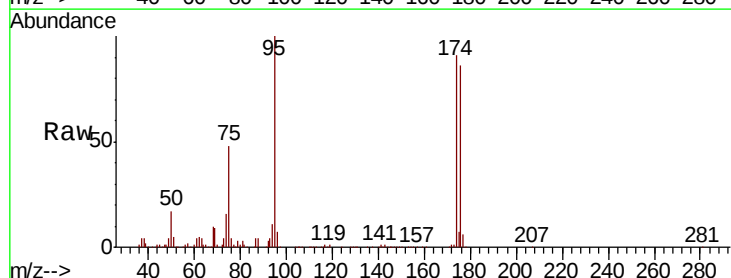
Tgt Ion: 95 Resp: 446609

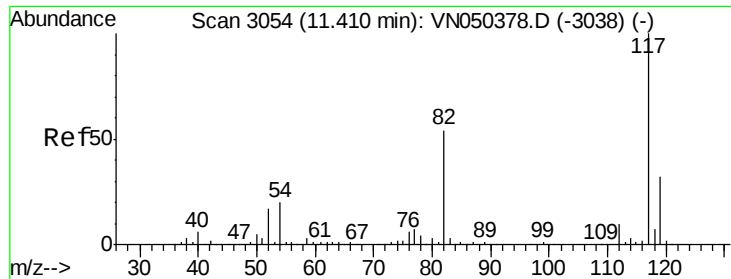
Ion Ratio Lower Upper

95 100

174 91.1 0.0 178.2

176 86.9 0.0 173.4

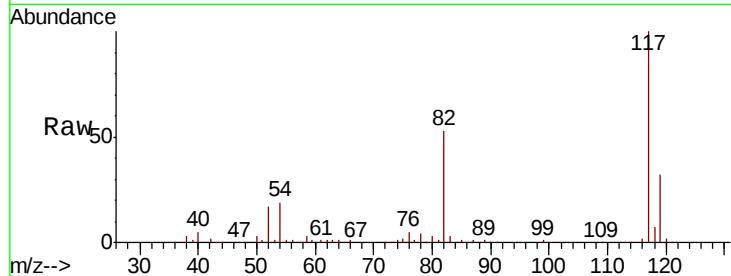




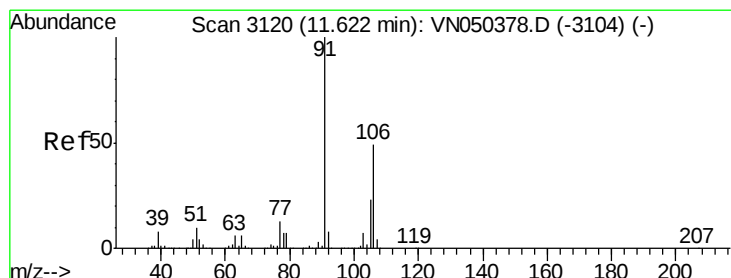
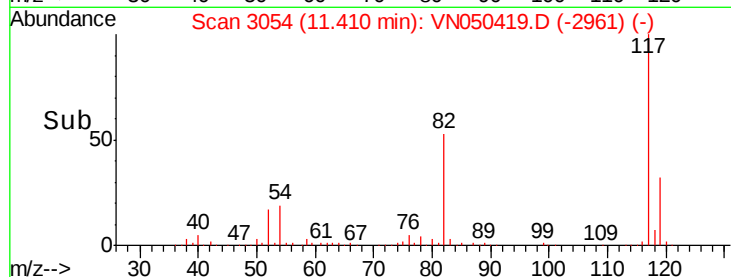
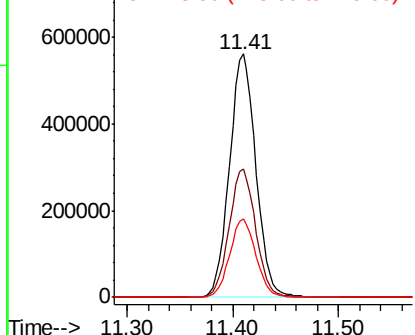
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

Instrument :
MSVOA_N
ClientSampled :
72-11930

Tot Ion:117 Resp: 970190
Ion Ratio Lower Upper
117 100
82 52.5 43.7 65.5
119 32.0 26.1 39.1

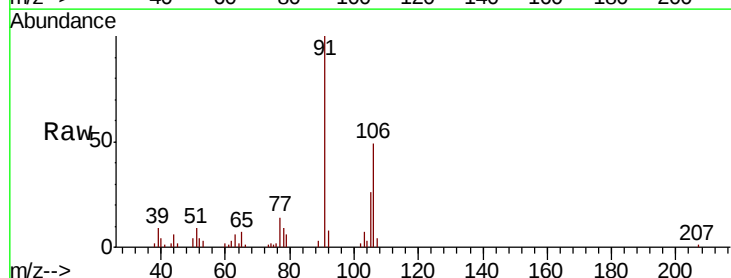


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

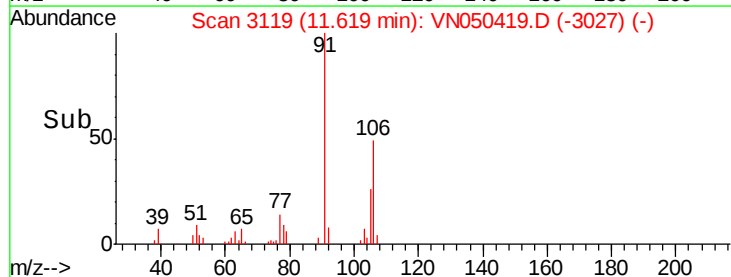
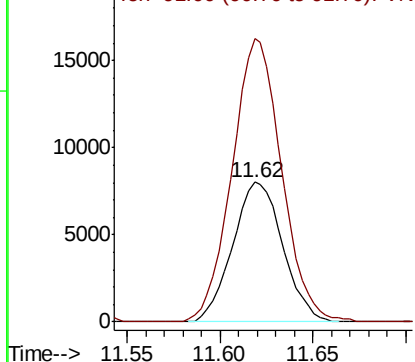


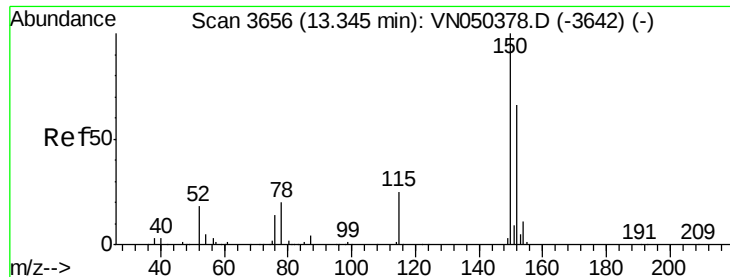
#68
m/p-Xylenes
Concen: 1.00 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

Tgt Ion:106 Resp: 15009
Ion Ratio Lower Upper
106 100
91 200.8 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

ClientSampleId :

72-11930

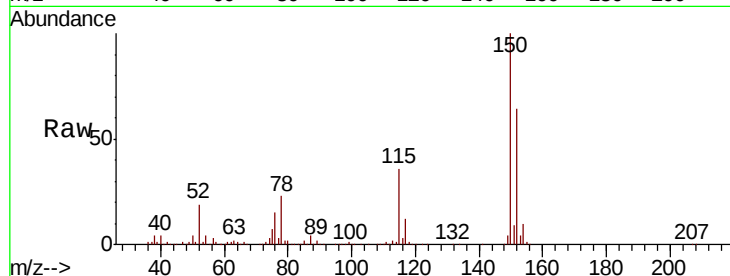
Tot Ion:152 Resp: 398498

Ion Ratio Lower Upper

152 100

115 56.5 27.8 83.3

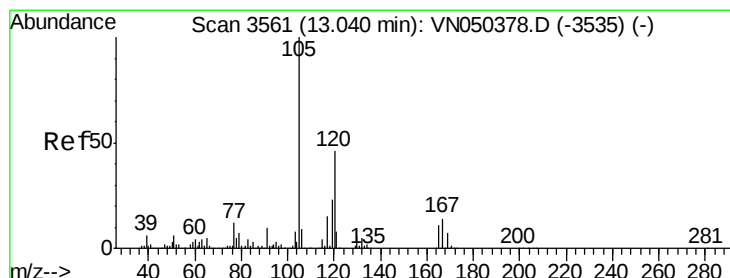
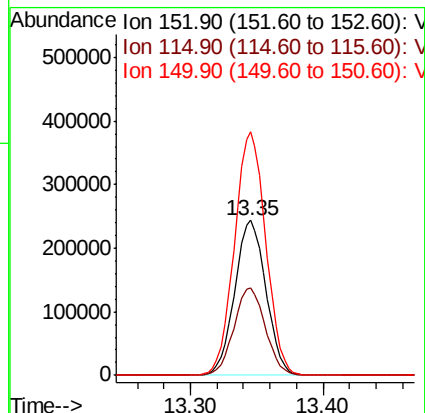
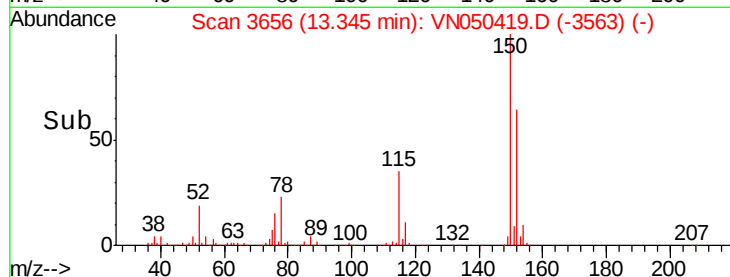
150 157.1 0.0 348.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.54 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050419.D

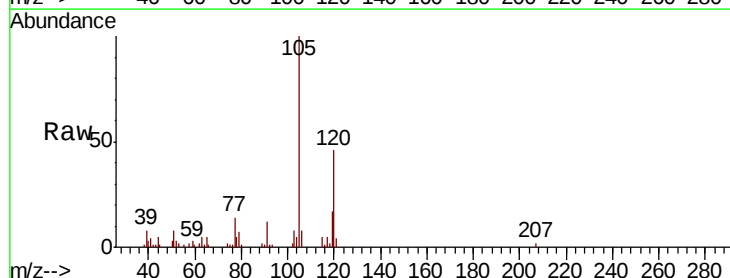
Acq: 7 Aug 2018 6:45

Tgt Ion:105 Resp: 37811

Ion Ratio Lower Upper

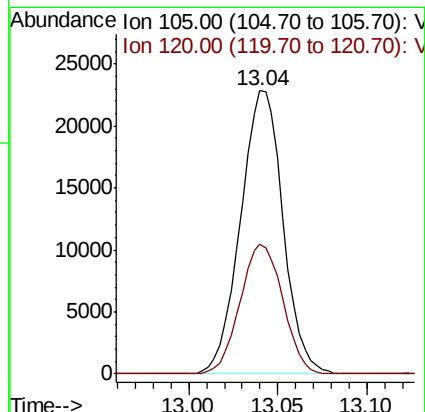
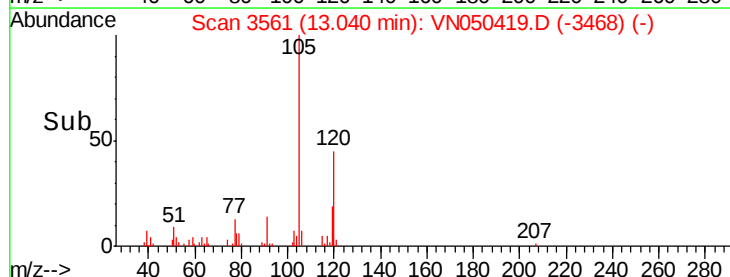
105 100

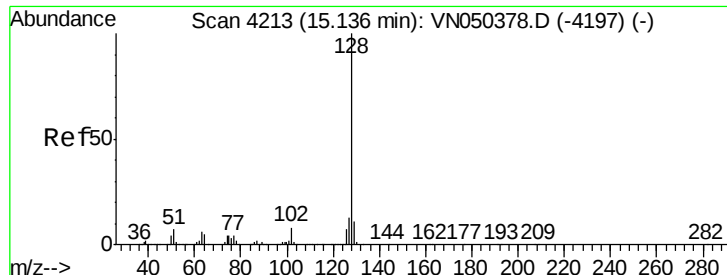
120 46.0 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

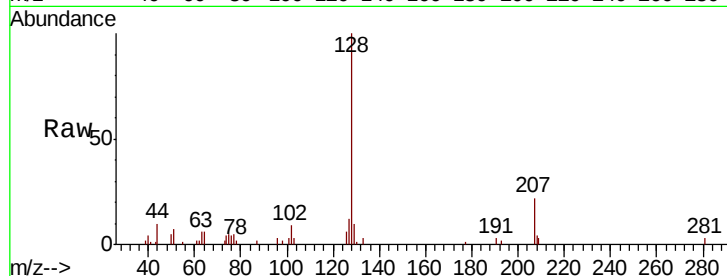




#95
Naphthalene
Concen: 4.73 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

Instrument :
MSVOA_N
ClientSampleId :
72-11930

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	10.5	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

