

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050511.D
 Acq On : 10 Aug 2018 12:29
 Operator : MD\SY
 Sample : J4420-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB080918

Manual Integrations
 APPROVED

MMDadoda
 8/13/2018 11:05:34 AM

Quant Time: Aug 13 11:10:41 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	750636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1168912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1017704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	378695	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	493345	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
35) Dibromofluoromethane	7.59	113	457598	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	10.09	98	1625082	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
62) 4-Bromofluorobenzene	12.40	95	458404	38.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.28%	

Target Compounds	Qvalue
------------------	--------

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

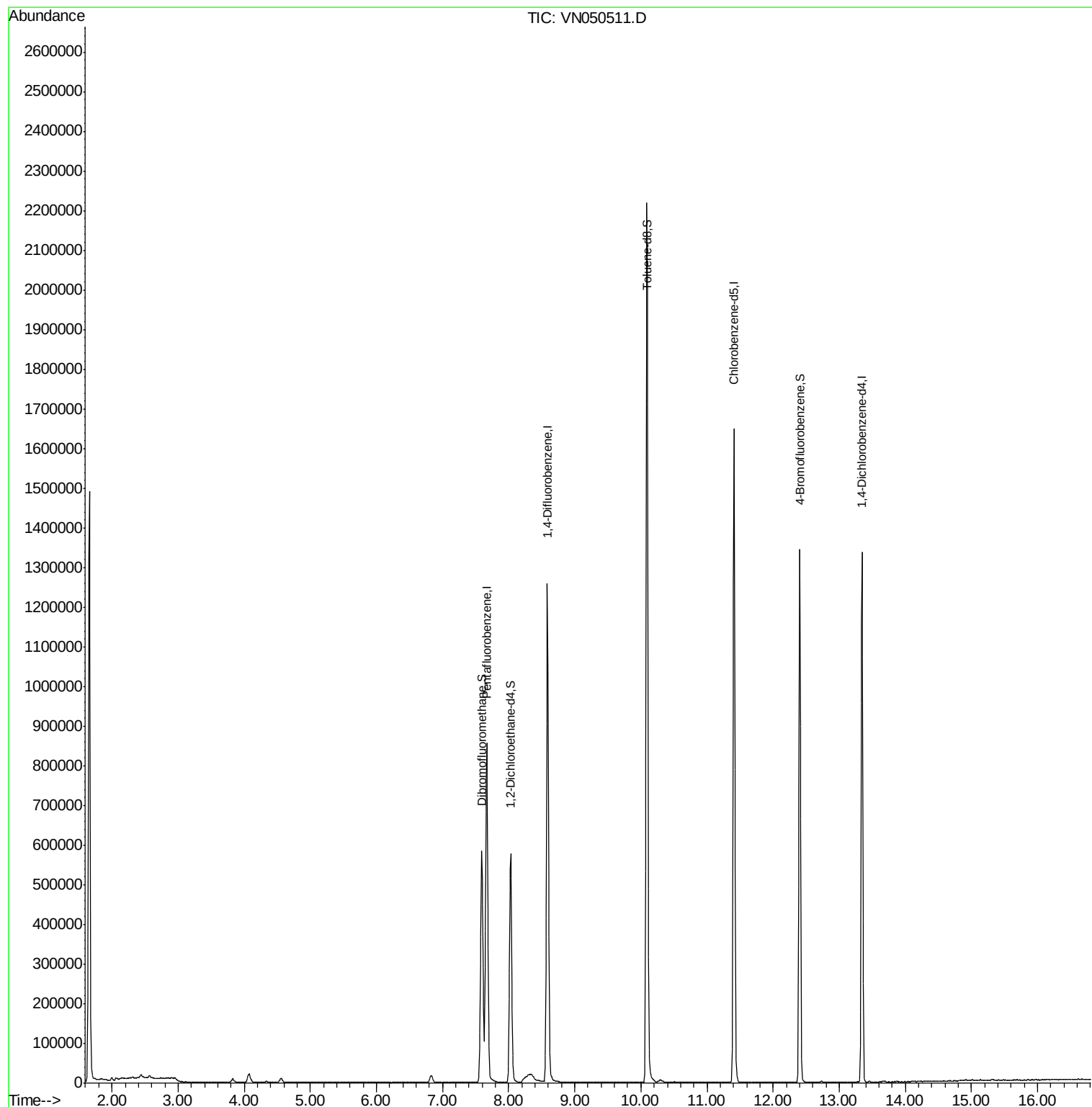
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081018\
Data File : VN050511.D
Acq On : 10 Aug 2018 12:29
Operator : MD\SY
Sample : J4420-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

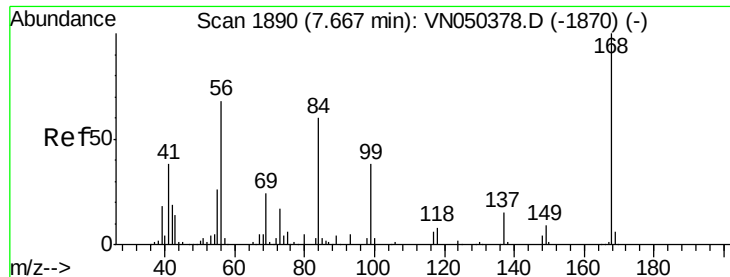
Instrument :
MSVOA_N
ClientSampleId :
FB080918

Manual Integrations
APPROVED

MMDadoda
8/13/2018 11:05:34 AM

Quant Time: Aug 13 11:10:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
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: VN050511.D

Acq: 10 Aug 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

FB080918

Tot Ion:168 Resp: 750636

Ion Ratio Lower Upper

168 100

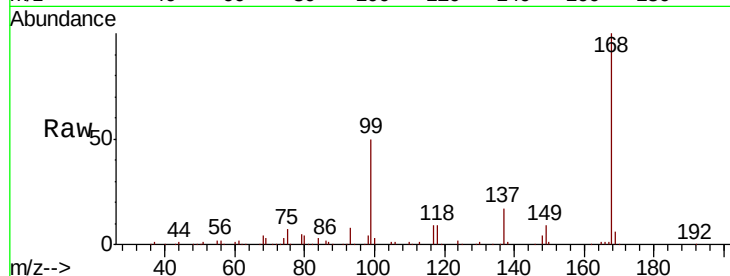
99 50.5 40.0 60.0

Manual Integrations

APPROVED

MMDadoda

8/13/2018 11:05:34 AM



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

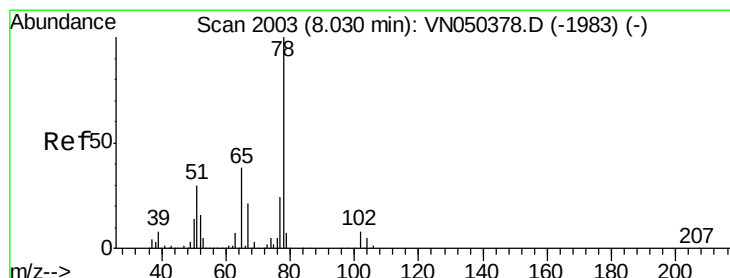
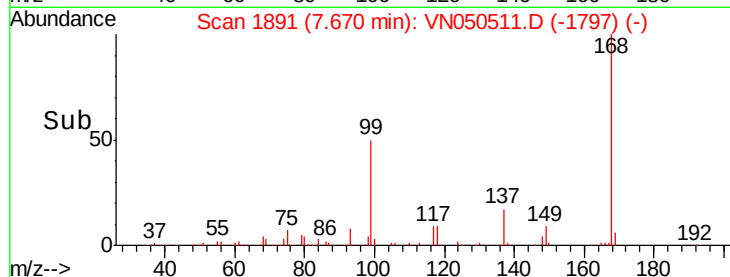
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.19 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050511.D

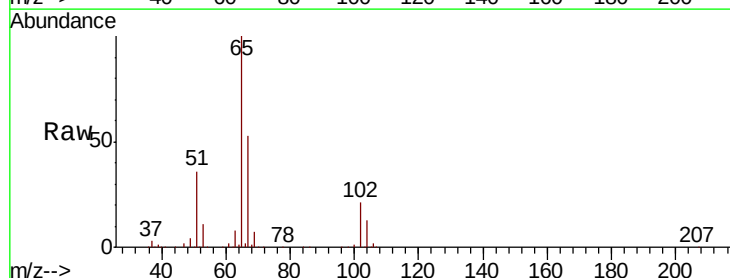
Acq: 10 Aug 2018 12:29

Tgt Ion: 65 Resp: 493345

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050378.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050378.D (-1983) (-)

8.03

250000

200000

150000

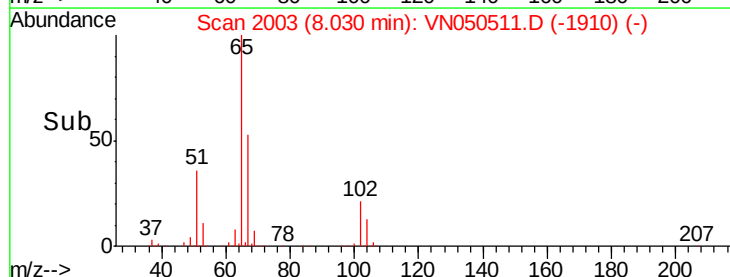
100000

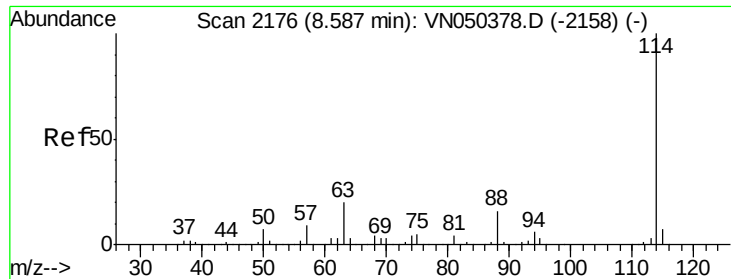
50000

0

7.90 8.00 8.10

Time-->





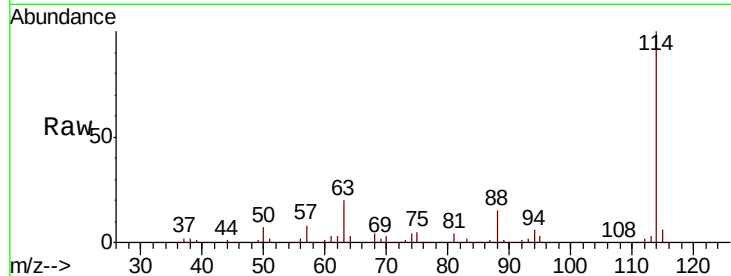
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050511.D
 Acq: 10 Aug 2018 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 FB080918

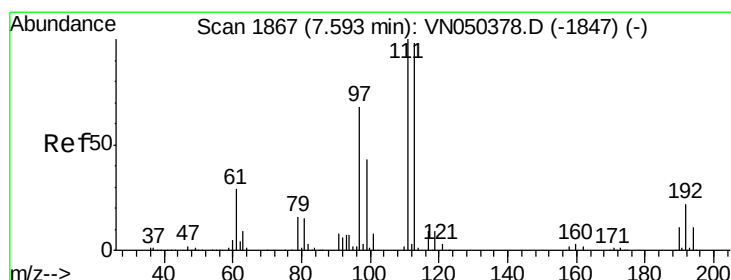
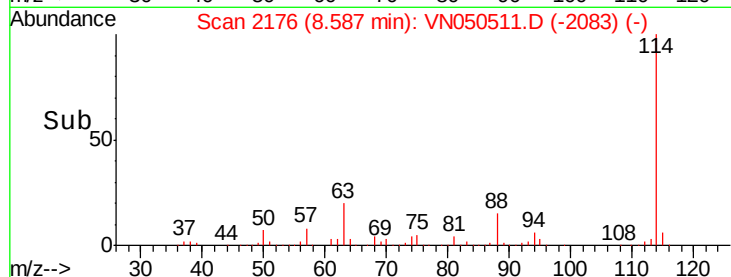
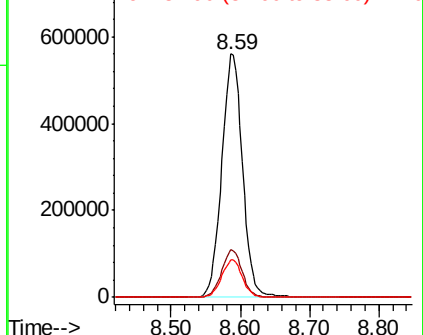
Tot Ion	Ratio	Resp	Lower	Upper
114	100	1168912		
63	19.5		0.0	40.0
88	15.2		0.0	31.2

Manual Integrations
 APPROVED

MMDadoda
 8/13/2018 11:05:34 AM

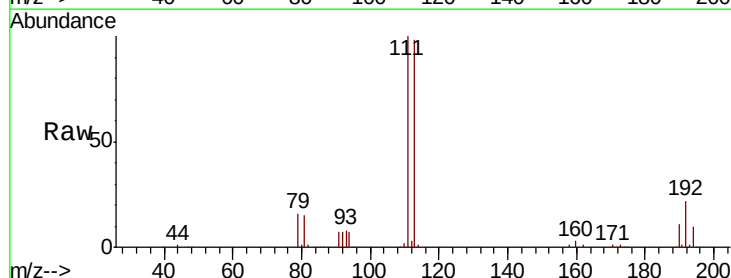


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

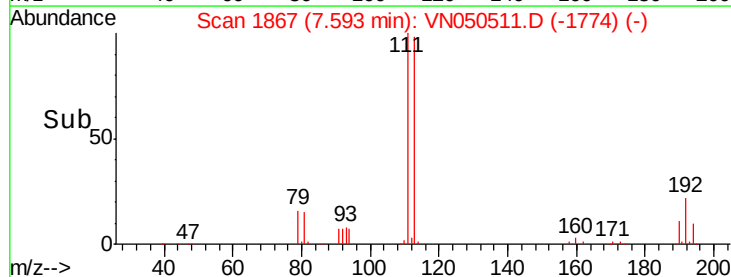
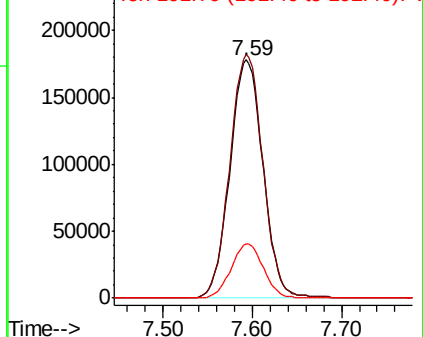


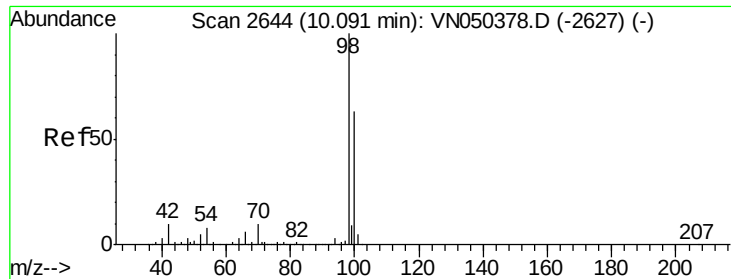
#35
 Dibromofluoromethane
 Concen: 48.79 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050511.D
 Acq: 10 Aug 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	457598		
111	102.6		80.7	121.1
192	22.3		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





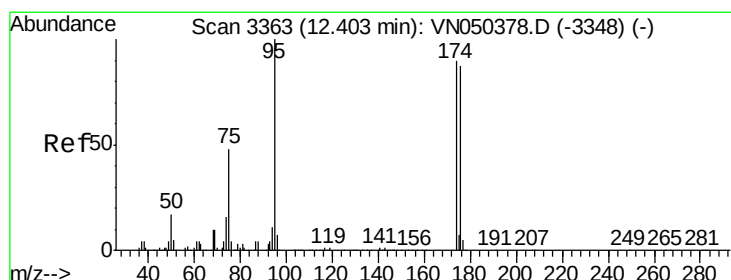
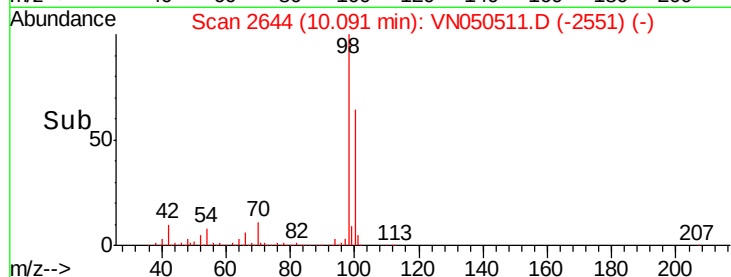
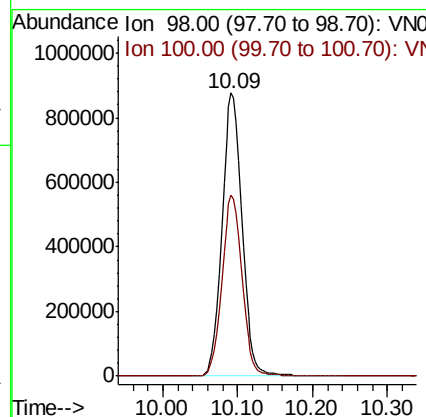
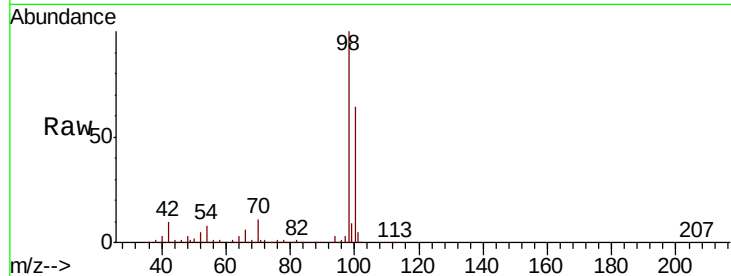
#50
Toluene-d8
Concen: 46.08 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050511.D
Acq: 10 Aug 2018 12:29

Instrument :
MSVOA_N
ClientSampled :
FB080918

Tot Ion: 98 Resp: 1625082
Ion Ratio Lower Upper
98 100
100 64.1 50.7 76.1

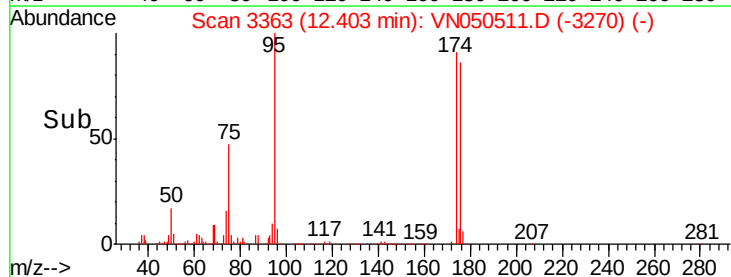
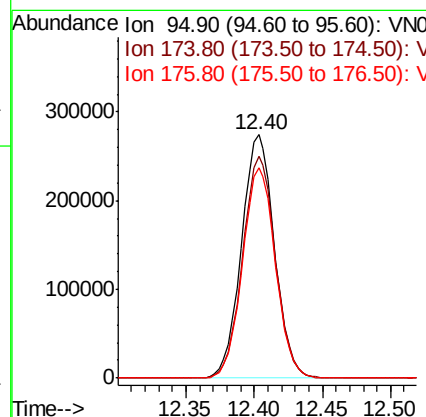
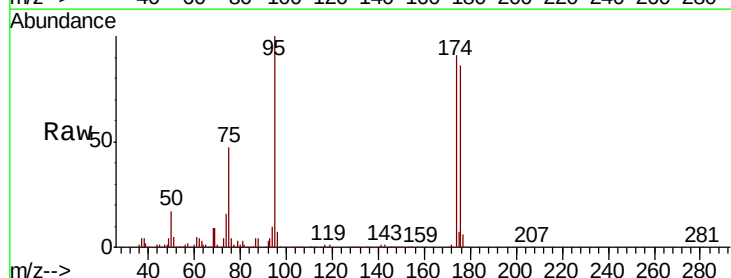
Manual Integrations
APPROVED

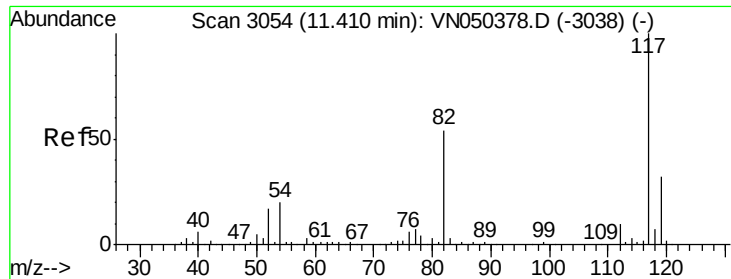
MMDadoda
8/13/2018 11:05:34 AM



#62
4-Bromofluorobenzene
Concen: 38.14 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050511.D
Acq: 10 Aug 2018 12:29

Tgt Ion: 95 Resp: 458404
Ion Ratio Lower Upper
95 100
174 91.0 0.0 178.2
176 86.7 0.0 173.4





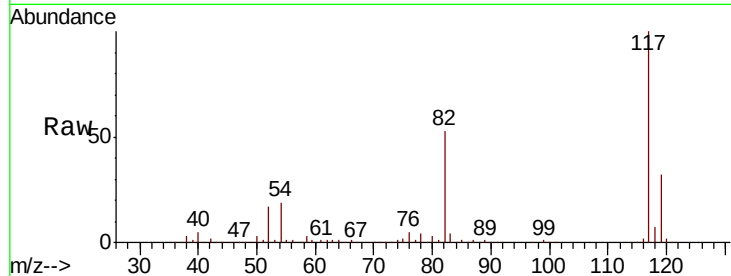
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050511.D
Acq: 10 Aug 2018 12:29

Instrument :
MSVOA_N
ClientSampled :
FB080918

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

Manual Integrations
APPROVED

MMDadoda
8/13/2018 11:05:34 AM

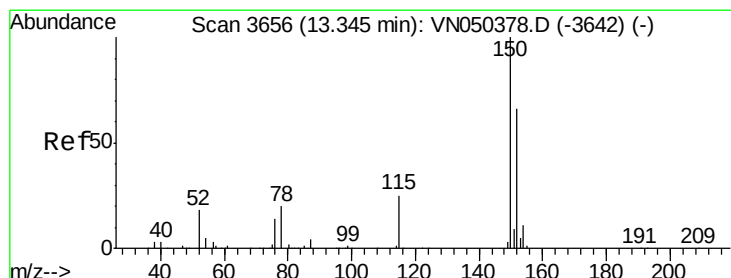
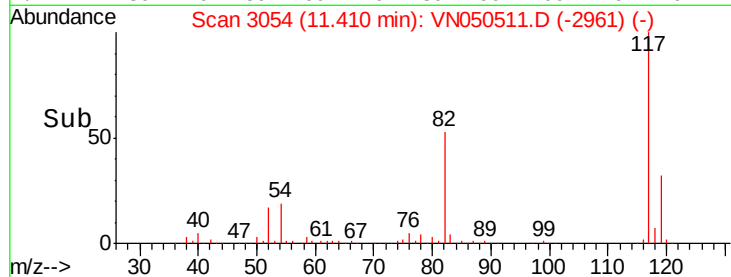
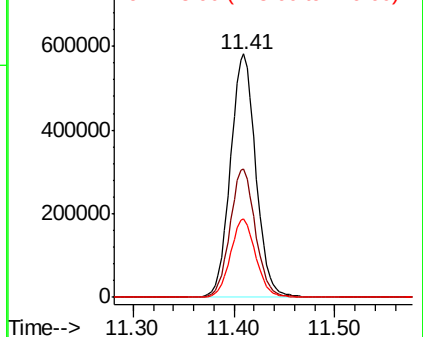


Abundance

Ion 116.90 (116.60 to 117.60): V

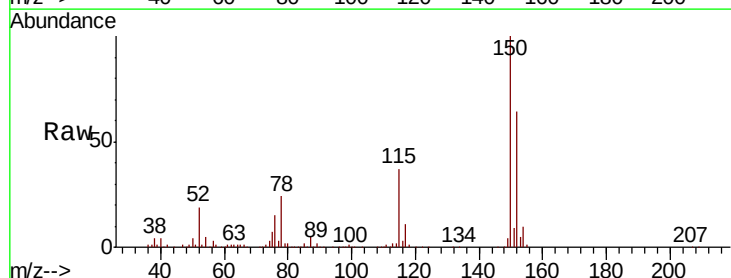
Ion 82.00 (81.70 to 82.70): V

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: VN050511.D
Acq: 10 Aug 2018 12:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.8	83.3
150	155.4	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

