

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052075.D
 Acq On : 31 Oct 2018 15:51
 Operator : MD\SY
 Sample : PB114328ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#05

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 1:11:21 PM

Quant Time: Nov 01 02:01:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	283229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	526435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	509066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	240927	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.59	113	203481	61.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.58%	
50) Toluene-d8	10.09	98	797989	60.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.24%	
62) 4-Bromofluorobenzene	12.40	95	278770	57.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.38%	
Target Compounds						
20) Methylene Chloride	4.54	84	12456m	3.37	ug/l	Qvalue
43) Isopropyl Acetate	8.17	43	166186	26.08	ug/l	100

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

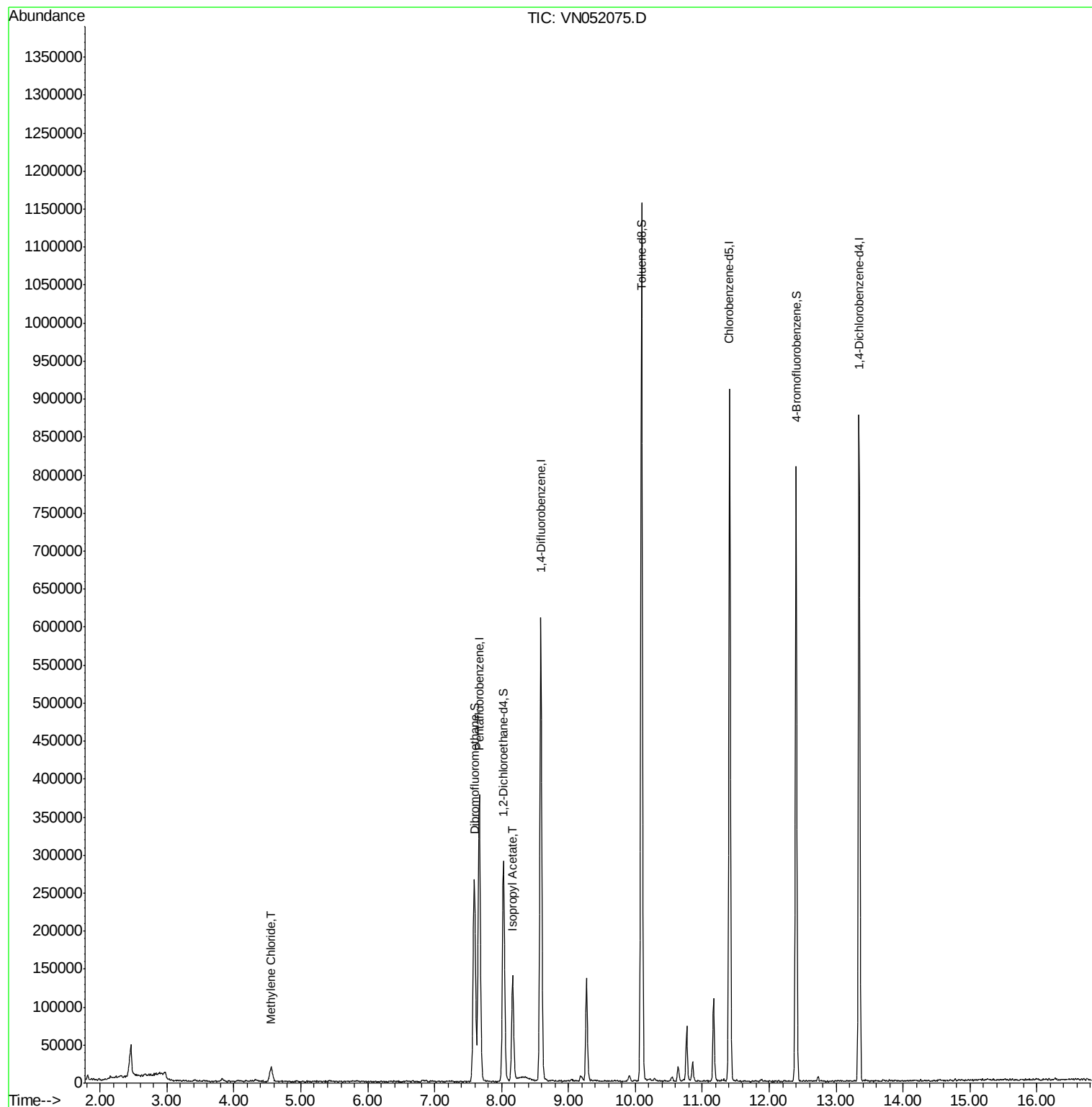
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
Data File : VN052075.D
Acq On : 31 Oct 2018 15:51
Operator : MD\SY
Sample : PB114328ZHE#05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 28

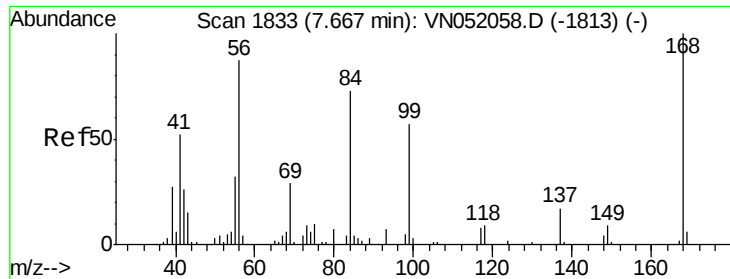
Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#05

Manual Integrations
APPROVED

MMDadoda
11/2/2018 1:11:21 PM

Quant Time: Nov 01 02:01:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 02:45:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052075.D

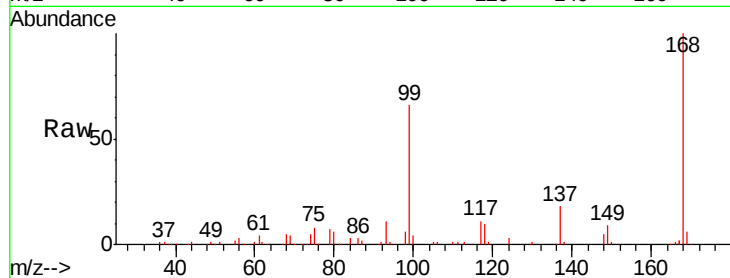
Acq: 31 Oct 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

PB114328ZHE#05



Tgt Ion: 168 Resp: 283229

Ion Ratio Lower Upper

168 100

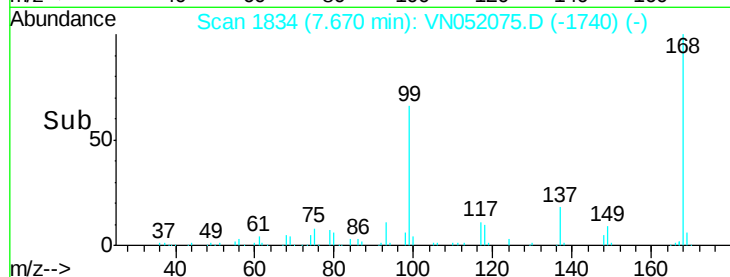
99 65.7 56.6 85.0

Manual Integrations

APPROVED

MMDadoda

11/2/2018 1:11:21 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

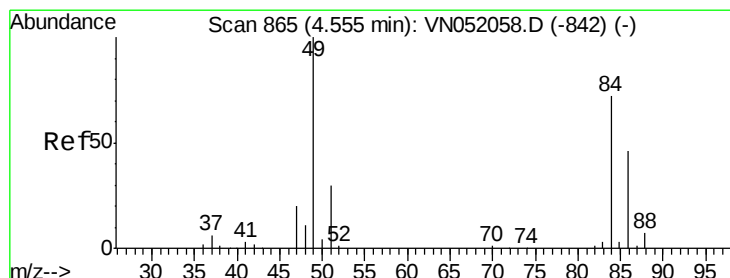
7.67

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 3.37 ug/l m

RT: 4.54 min Scan# 861

Delta R.T. -0.01 min

Lab File: VN052075.D

Acq: 31 Oct 2018 15:51

Tgt Ion: 84 Resp: 12456

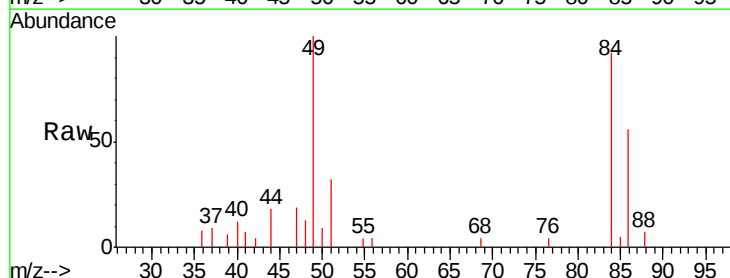
Ion Ratio Lower Upper

84 100

49 108.3 110.6 165.8#

51 34.4 33.7 50.5

86 61.1 50.5 75.7



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

8000

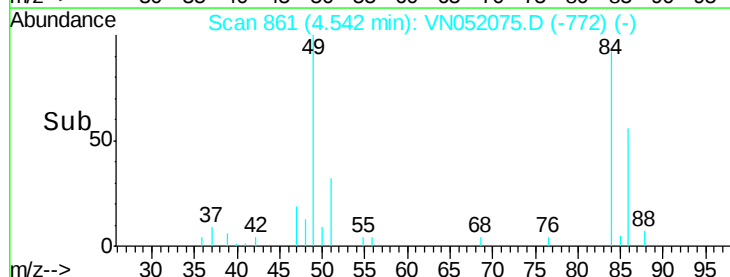
6000

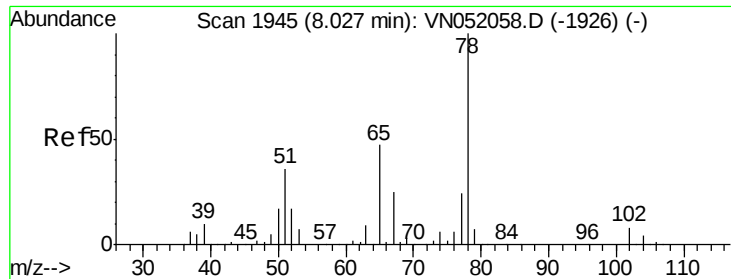
4000

2000

0

Time--> 4.45 4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052075.D

Acq: 31 Oct 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

PB114328ZHE#05

Tgt Ion: 65 Resp: 240927

Ion Ratio Lower Upper

65 100

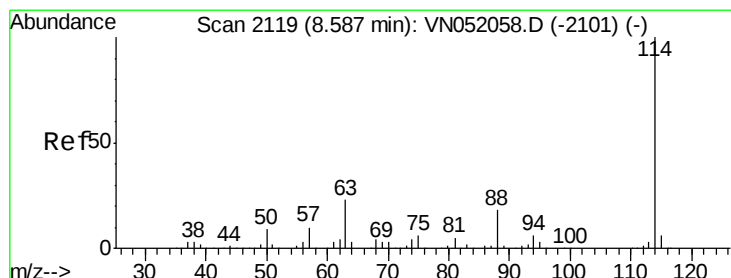
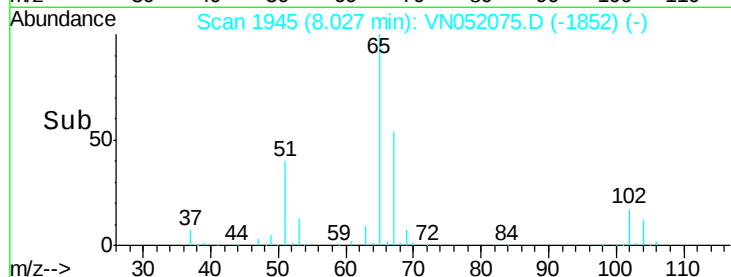
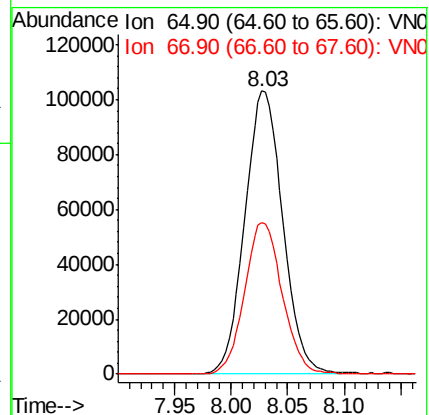
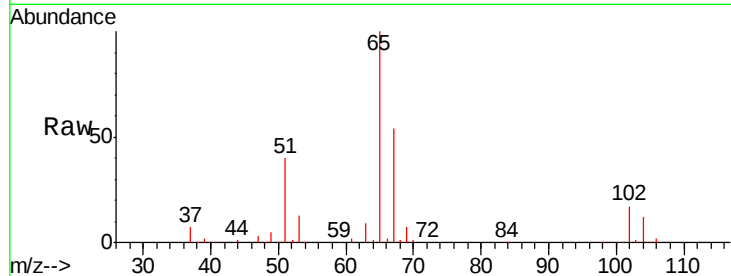
67 53.2 0.0 105.2

Manual Integrations

APPROVED

MMDadoda

11/2/2018 1:11:21 PM



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052075.D

Acq: 31 Oct 2018 15:51

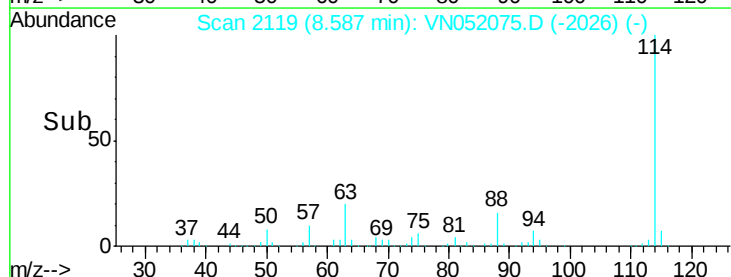
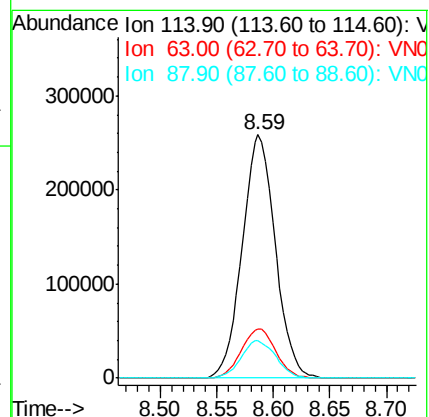
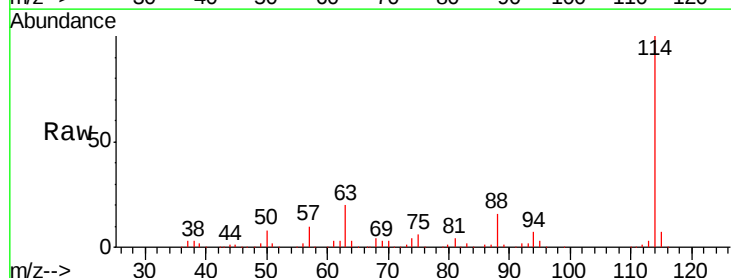
Tgt Ion: 114 Resp: 526435

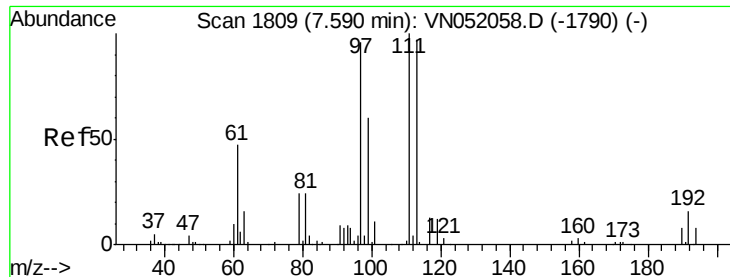
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.0

88 15.6 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052075.D

Acq: 31 Oct 2018 15:51

Instrument :

MSVOA_N

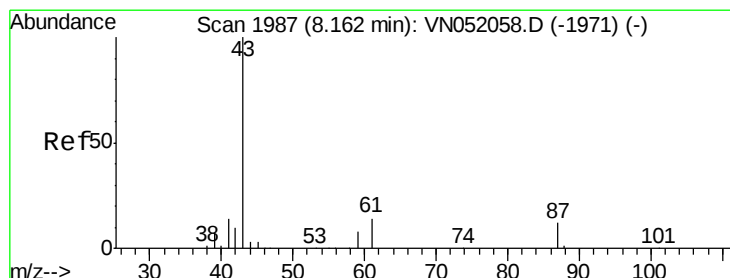
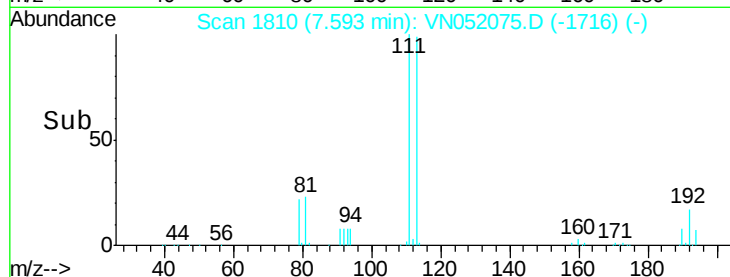
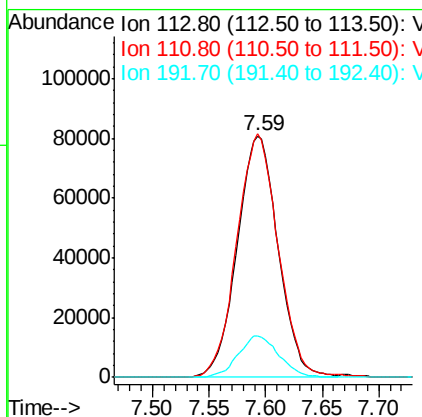
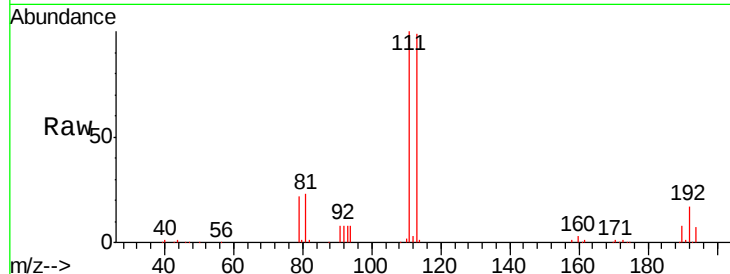
ClientSampleId :

PB114328ZHE#05

Tgt Ion:	113	Resp:	203481
Ion Ratio	Lower	Upper	
113	100		
111	102.2	83.1	124.7
192	17.0	12.7	19.1

Manual Integrations
APPROVED

MMDadoda
11/2/2018 1:11:21 PM



#43

Isopropyl Acetate

Concen: 26.08 ug/l

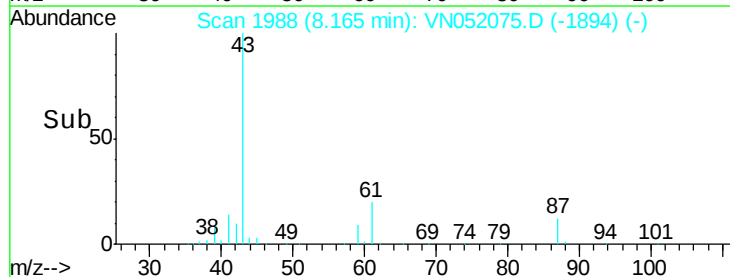
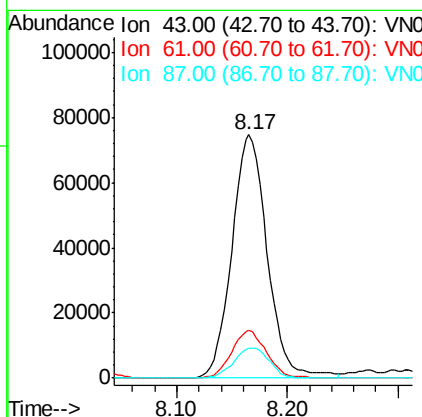
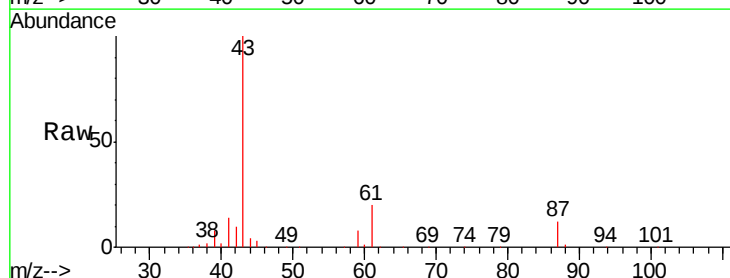
RT: 8.17 min Scan# 1988

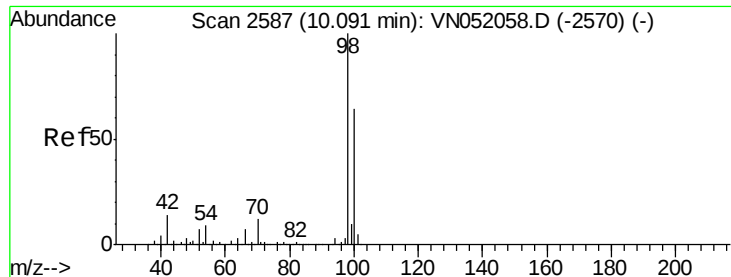
Delta R.T. 0.00 min

Lab File: VN052075.D

Acq: 31 Oct 2018 15:51

Tgt Ion:	43	Resp:	166186
Ion Ratio	Lower	Upper	
43	100		
61	19.3	15.4	23.0
87	12.4	9.8	14.8





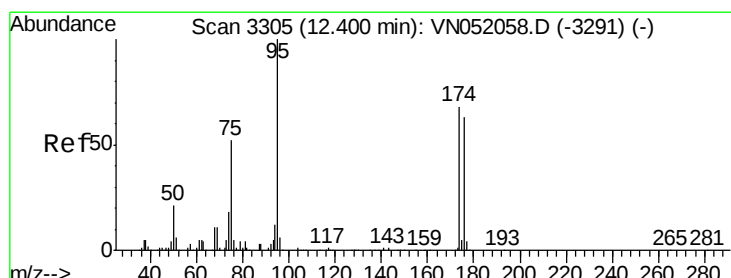
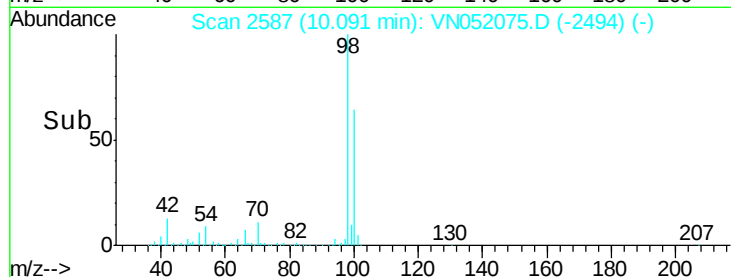
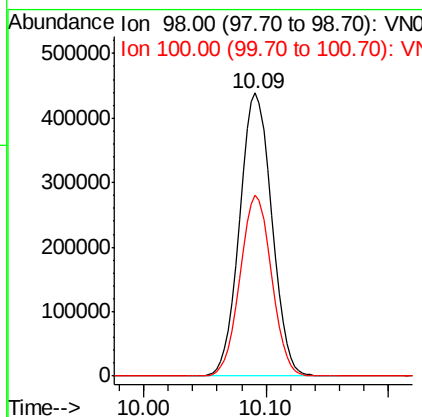
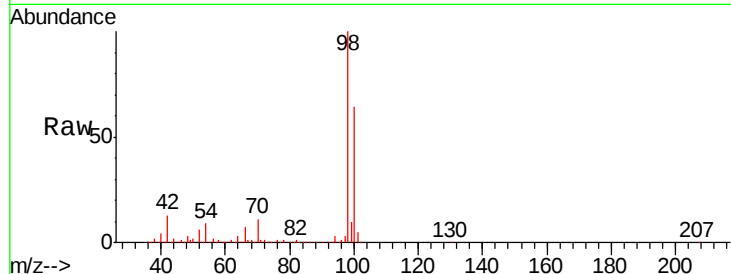
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052075.D
Acq: 31 Oct 2018 15:51

Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#05

Tgt Ion: 98 Resp: 797989
Ion Ratio Lower Upper
98 100
100 62.6 51.4 77.2

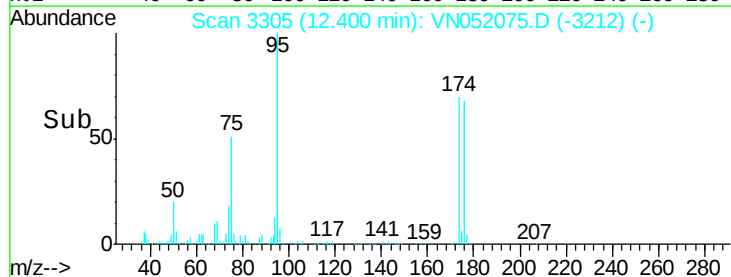
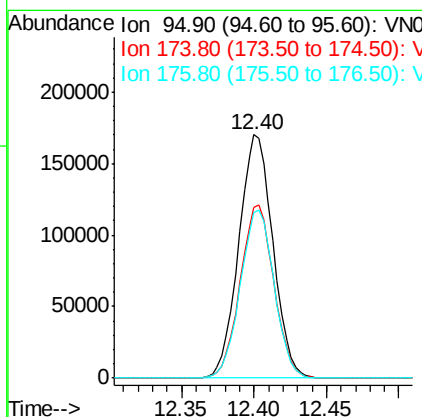
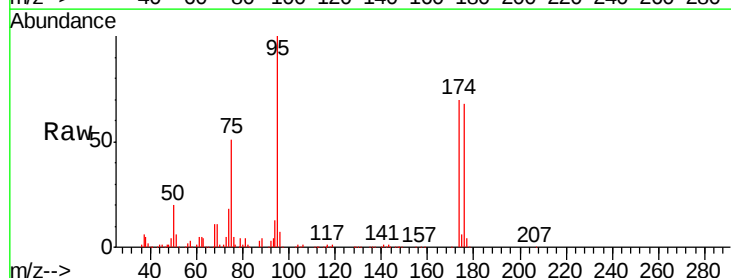
Manual Integrations
APPROVED

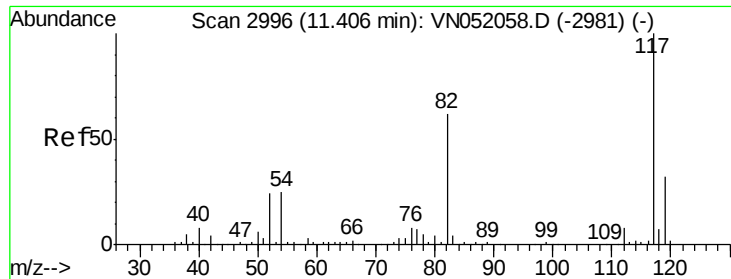
MMDadoda
11/2/2018 1:11:21 PM



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052075.D
Acq: 31 Oct 2018 15:51

Tgt Ion: 95 Resp: 278770
Ion Ratio Lower Upper
95 100
174 70.3 0.0 131.8
176 68.4 0.0 126.0





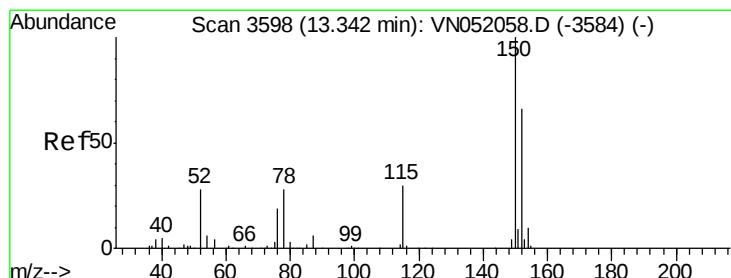
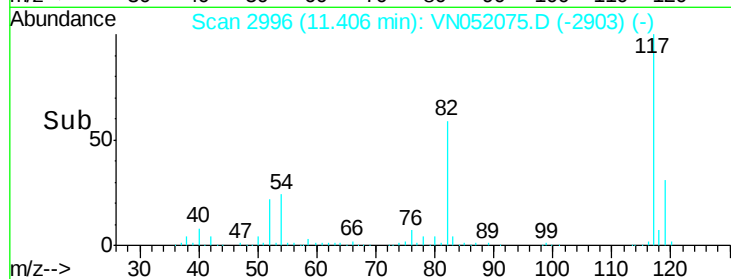
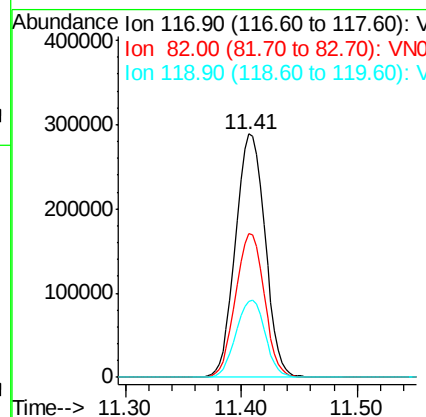
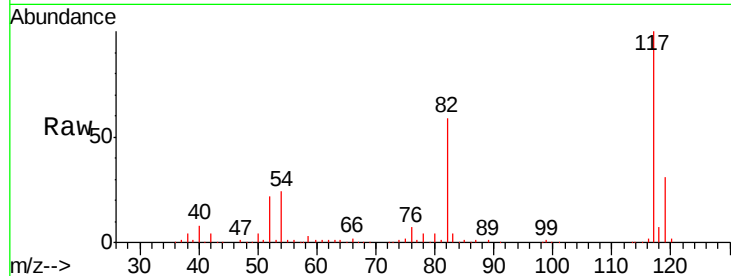
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052075.D
Acq: 31 Oct 2018 15:51

Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	509066		
82	58.9	49.9	74.9	
119	31.5	25.7	38.5	

Manual Integrations
APPROVED

MMDadoda
11/2/2018 1:11:21 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052075.D
Acq: 31 Oct 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	208482		
115	65.9	31.6	95.0	
150	163.0	0.0	345.0	

