

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111218\
 Data File : VN052266.D
 Acq On : 12 Nov 2018 16:58
 Operator : MD\SY
 Sample : PB114678ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#10

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 2:54:40 PM

Quant Time: Nov 13 01:21:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	325960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	549421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	477717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	171660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	216310	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	7.59	113	172441	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	10.09	98	696761	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.40	95	204069	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
Target Compounds						
20) Methylene Chloride	4.57	84	5524m	1.359	ug/l	Qvalue
43) Isopropyl Acetate	8.17	43	25199	3.466	ug/l #	86

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

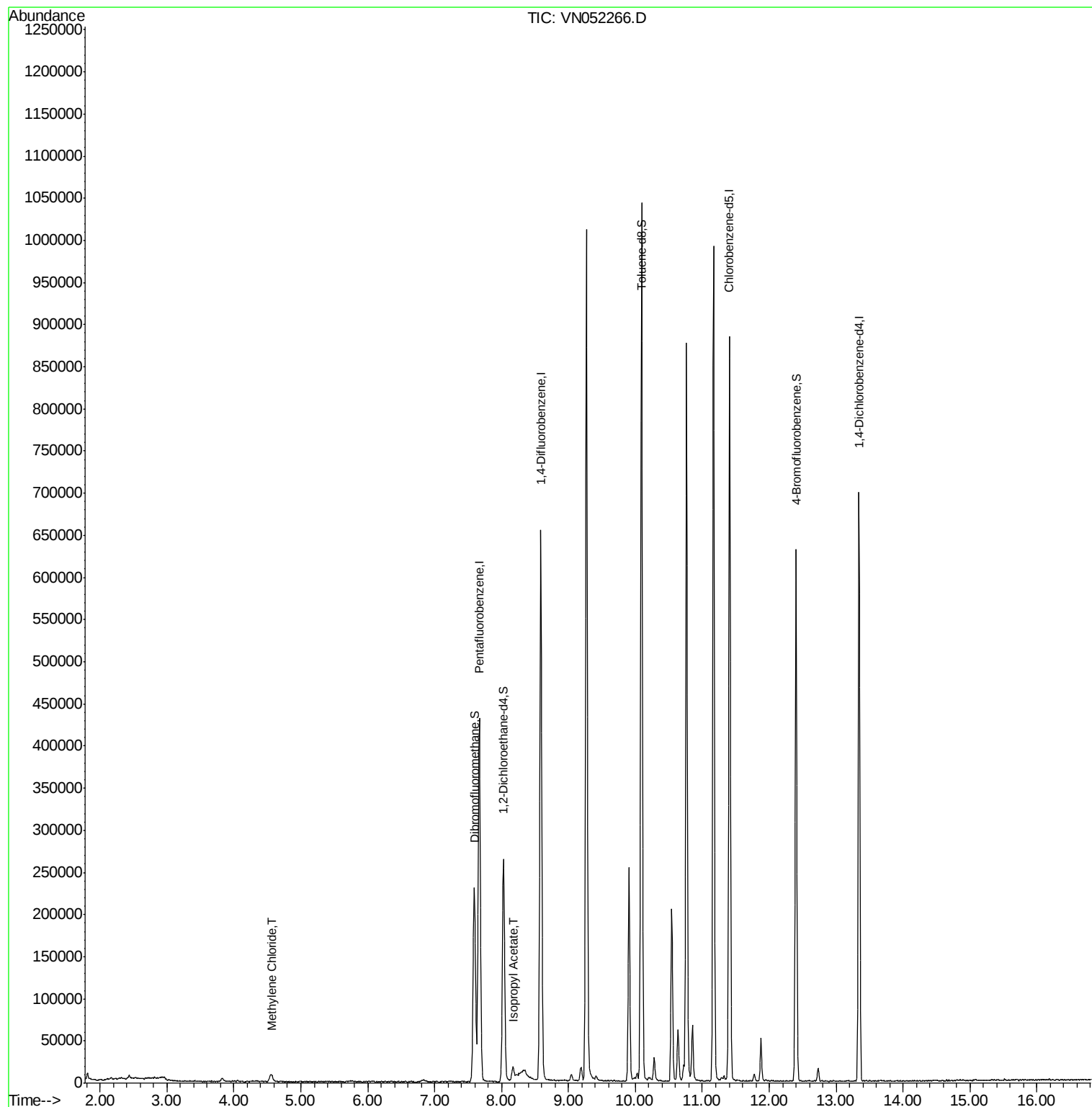
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111218\
Data File : VN052266.D
Acq On : 12 Nov 2018 16:58
Operator : MD\SY
Sample : PB114678ZHE#10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 28

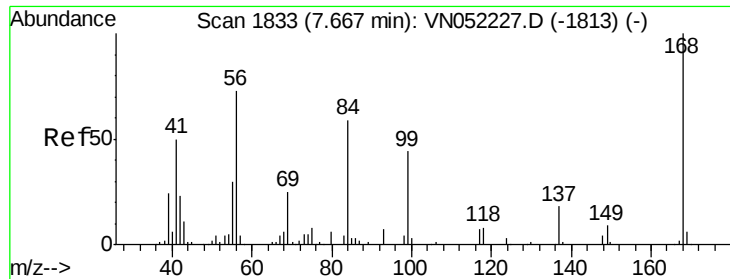
Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#10

Manual Integrations
APPROVED

MMDadoda
11/13/2018 2:54:40 PM

Quant Time: Nov 13 01:21:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:34:27 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052266.D

Acq: 12 Nov 2018 16:58

Instrument :

MSVOA_N

ClientSampleId :

PB114678ZHE#10

Tot Ion:168 Resp: 325960

Ion Ratio Lower Upper

168 100

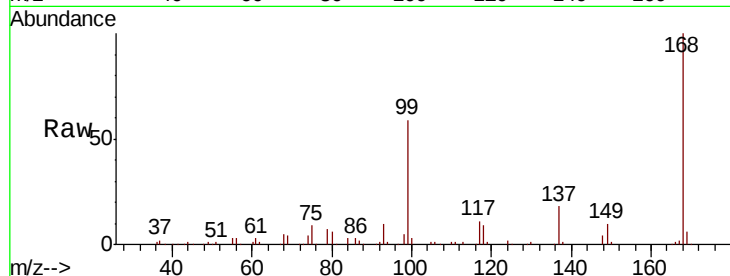
99 59.4 44.7 67.1

Manual Integrations

APPROVED

MMDadoda

11/13/2018 2:54:40 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

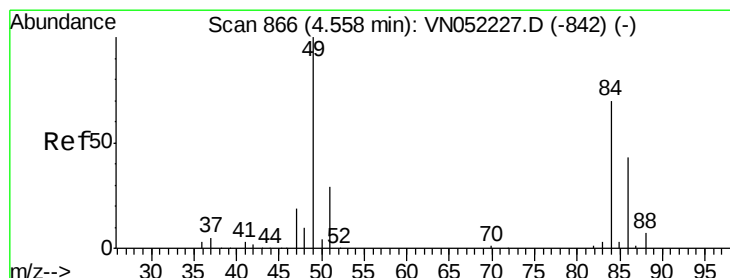
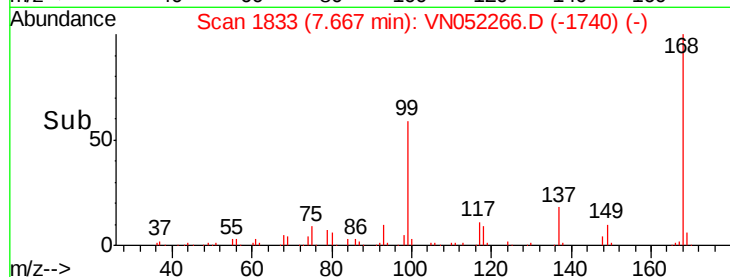
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 1.359 ug/l m

RT: 4.57 min Scan# 870

Delta R.T. 0.01 min

Lab File: VN052266.D

Acq: 12 Nov 2018 16:58

Tgt Ion: 84 Resp: 5524

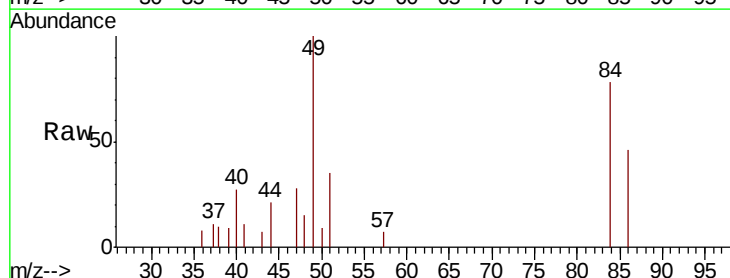
Ion Ratio Lower Upper

84 100

49 128.3 114.8 172.2

51 44.9 33.1 49.7

86 59.5 49.7 74.5



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4000

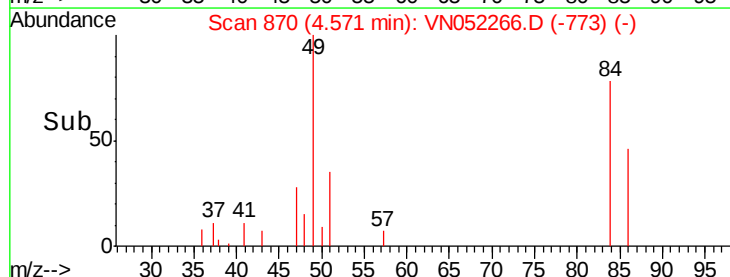
3000

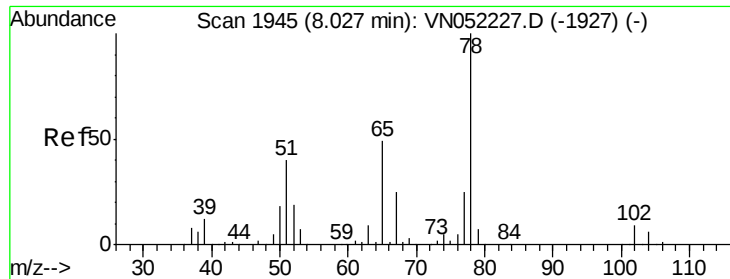
2000

1000

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# 1946

Delta R.T. 0.00 min

Lab File: VN052266.D

Acq: 12 Nov 2018 16:58

Instrument :

MSVOA_N

ClientSampleId :

PB114678ZHE#10

Tot Ion: 65 Resp: 216310

Ion Ratio Lower Upper

65 100

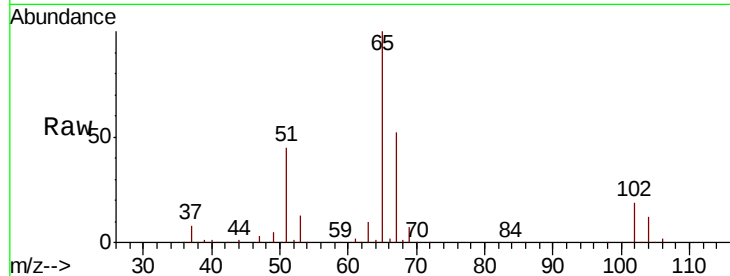
67 52.8 0.0 106.6

Manual Integrations

APPROVED

MMDadoda

11/13/2018 2:54:40 PM



Abundance Ion 64.90 (64.60 to 65.60): VN052227.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN052227.D (-1927) (-)

8.03

100000

80000

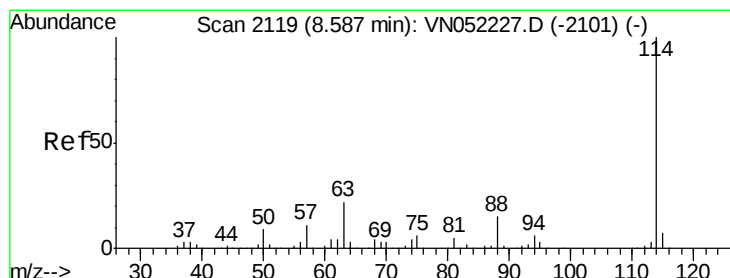
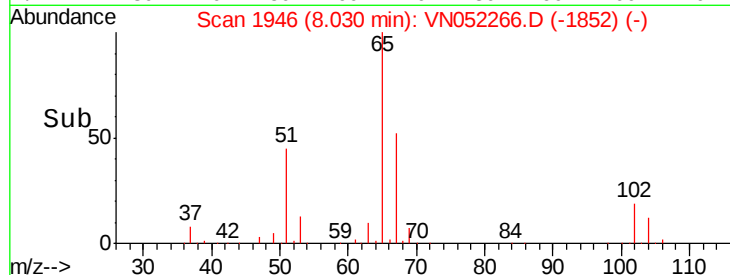
60000

40000

20000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052266.D

Acq: 12 Nov 2018 16:58

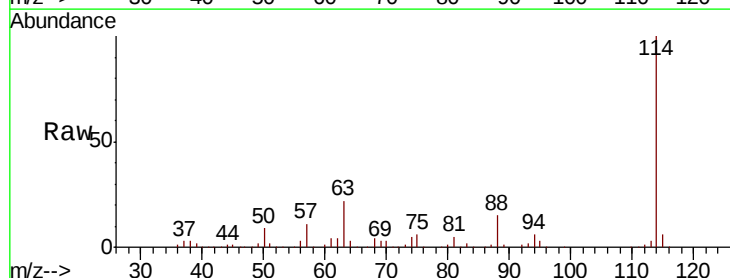
Tgt Ion: 114 Resp: 549421

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 15.1 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN052227.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN052227.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN052227.D (-2101) (-)

8.59

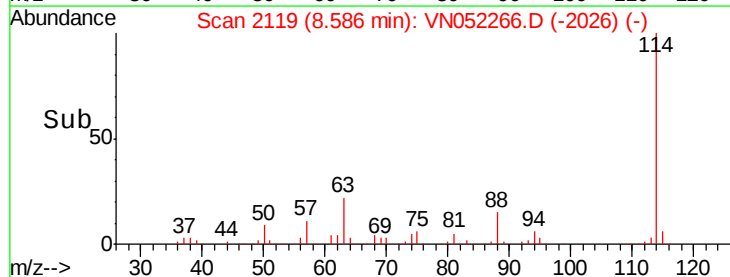
300000

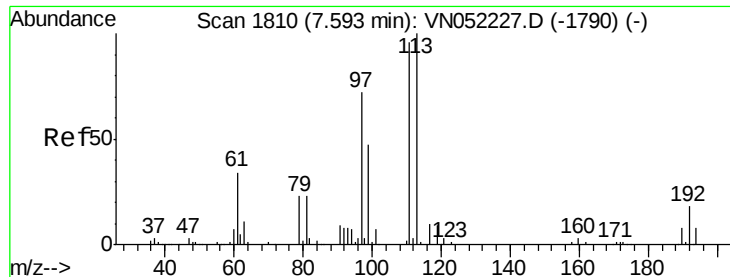
200000

100000

0

Time--> 8.50 8.60 8.70





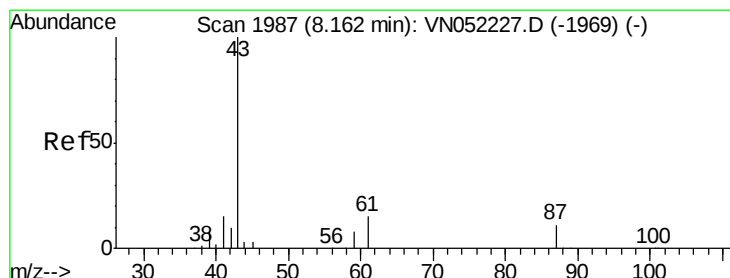
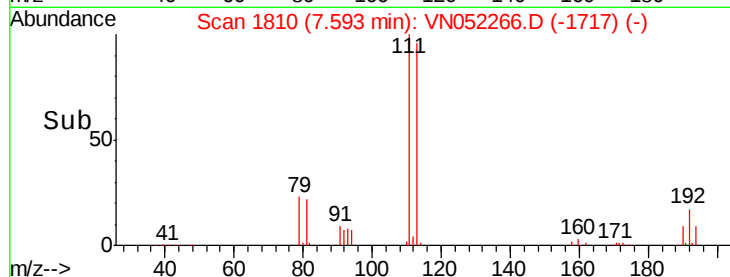
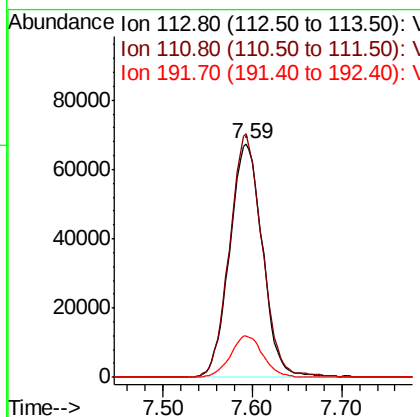
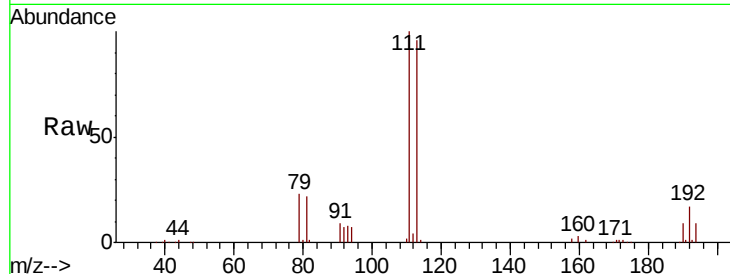
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052266.D
 Acq: 12 Nov 2018 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#10

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.2	120.4
192	17.6	14.1	21.1

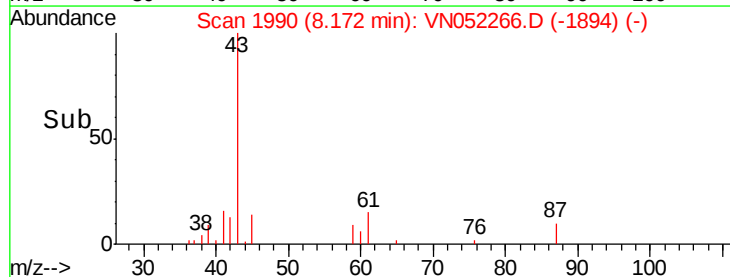
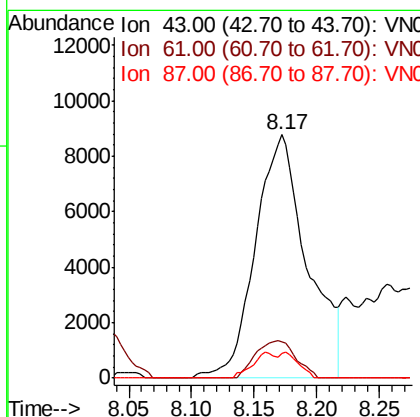
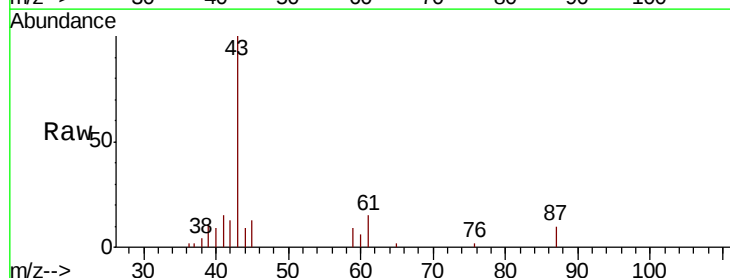
Manual Integrations
 APPROVED

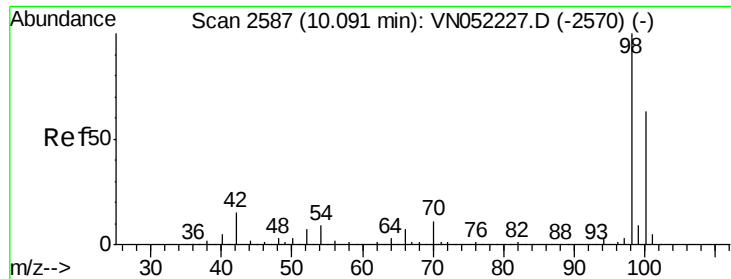
MMDadoda
 11/13/2018 2:54:40 PM



#43
 Isopropyl Acetate
 Concen: 3.466 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN052266.D
 Acq: 12 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.0	14.2	21.4#
87	4.9	8.4	12.6#





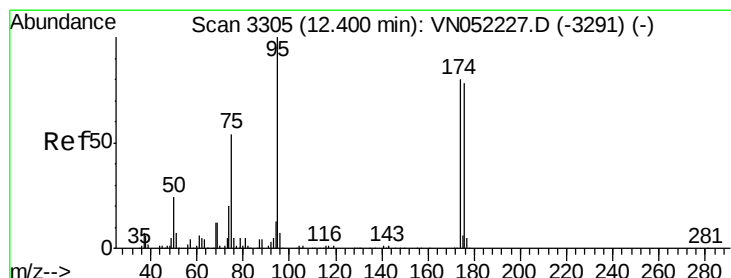
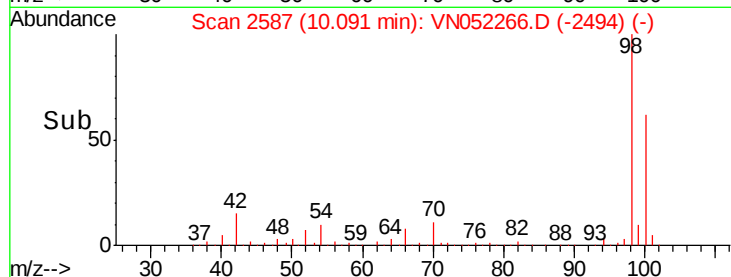
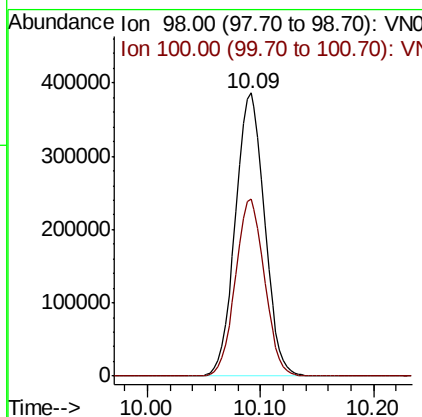
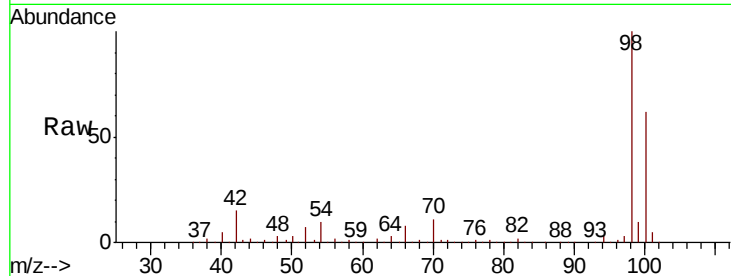
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052266.D
Acq: 12 Nov 2018 16:58

Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#10

Tot Ion: 98 Resp: 696761
Ion Ratio Lower Upper
98 100
100 62.2 50.2 75.2

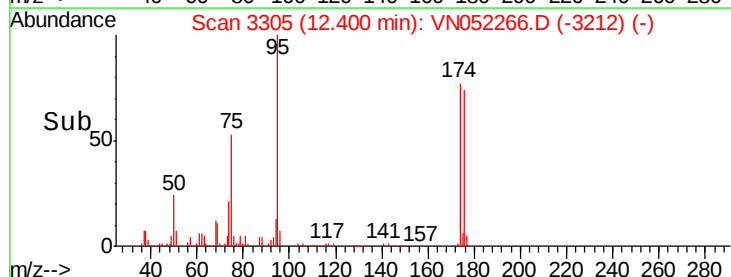
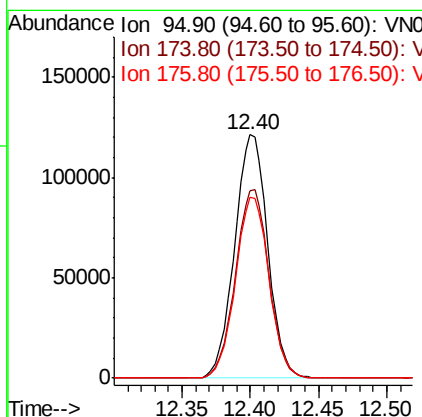
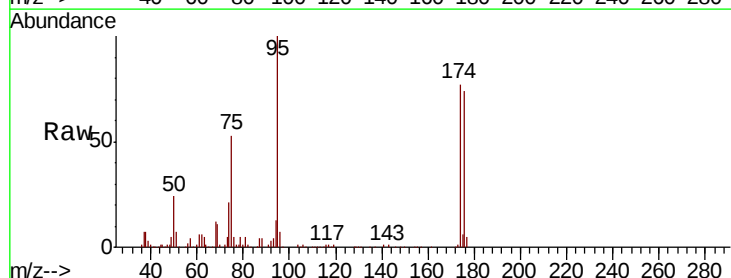
Manual Integrations
APPROVED

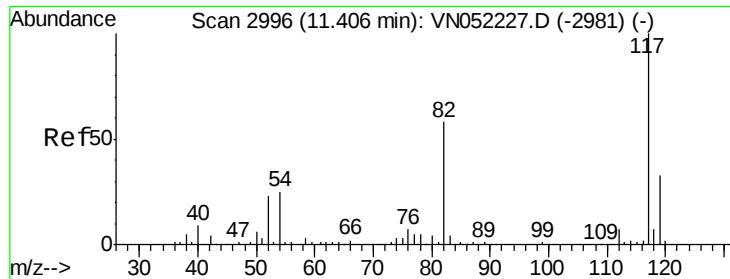
MMDadoda
11/13/2018 2:54:40 PM



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052266.D
Acq: 12 Nov 2018 16:58

Tgt Ion: 95 Resp: 204069
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.4
176 75.3 0.0 157.8





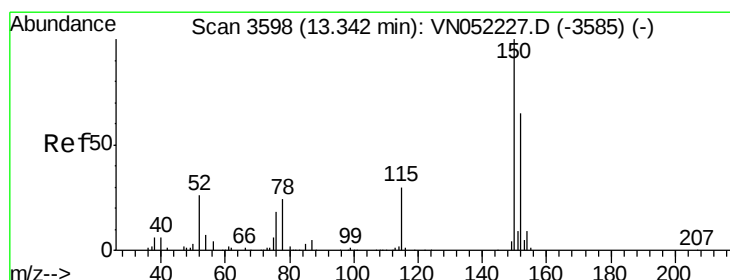
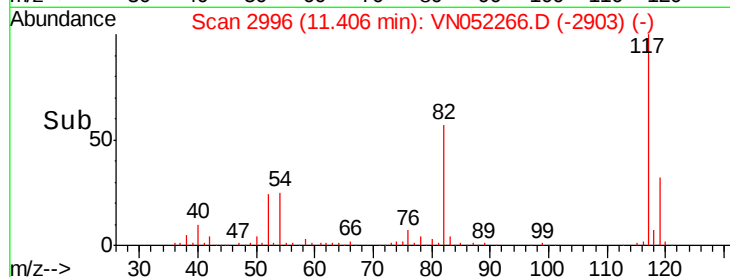
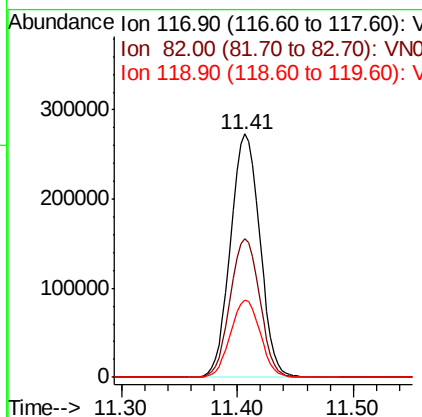
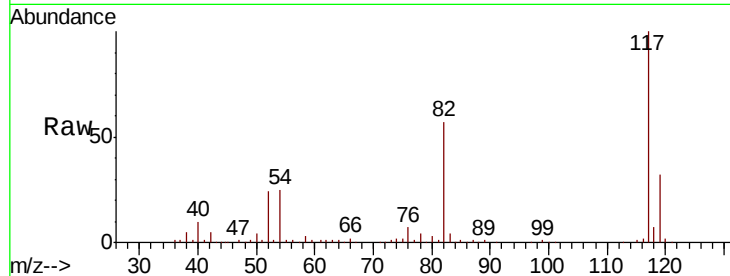
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052266.D
Acq: 12 Nov 2018 16:58

Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#10

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.2	69.2
119	31.7	26.2	39.4

Manual Integrations
APPROVED

MMDadoda
11/13/2018 2:54:40 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052266.D
Acq: 12 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.8	89.5
150	157.0	0.0	350.2

