

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111218\
 Data File : VN052275.D
 Acq On : 12 Nov 2018 20:58
 Operator : MD\SY
 Sample : PB114678ZHE#19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#19

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 2:54:46 PM

Quant Time: Nov 13 01:39:16 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	313096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	544537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	462946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	160382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	214671	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
35) Dibromofluoromethane	7.59	113	169007	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
50) Toluene-d8	10.09	98	681624	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.40	95	195434	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.56%	
Target Compounds						
20) Methylene Chloride	4.56	84	5703m	1.461	ug/l	Qvalue
43) Isopropyl Acetate	8.17	43	25445	3.531	ug/l #	85

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

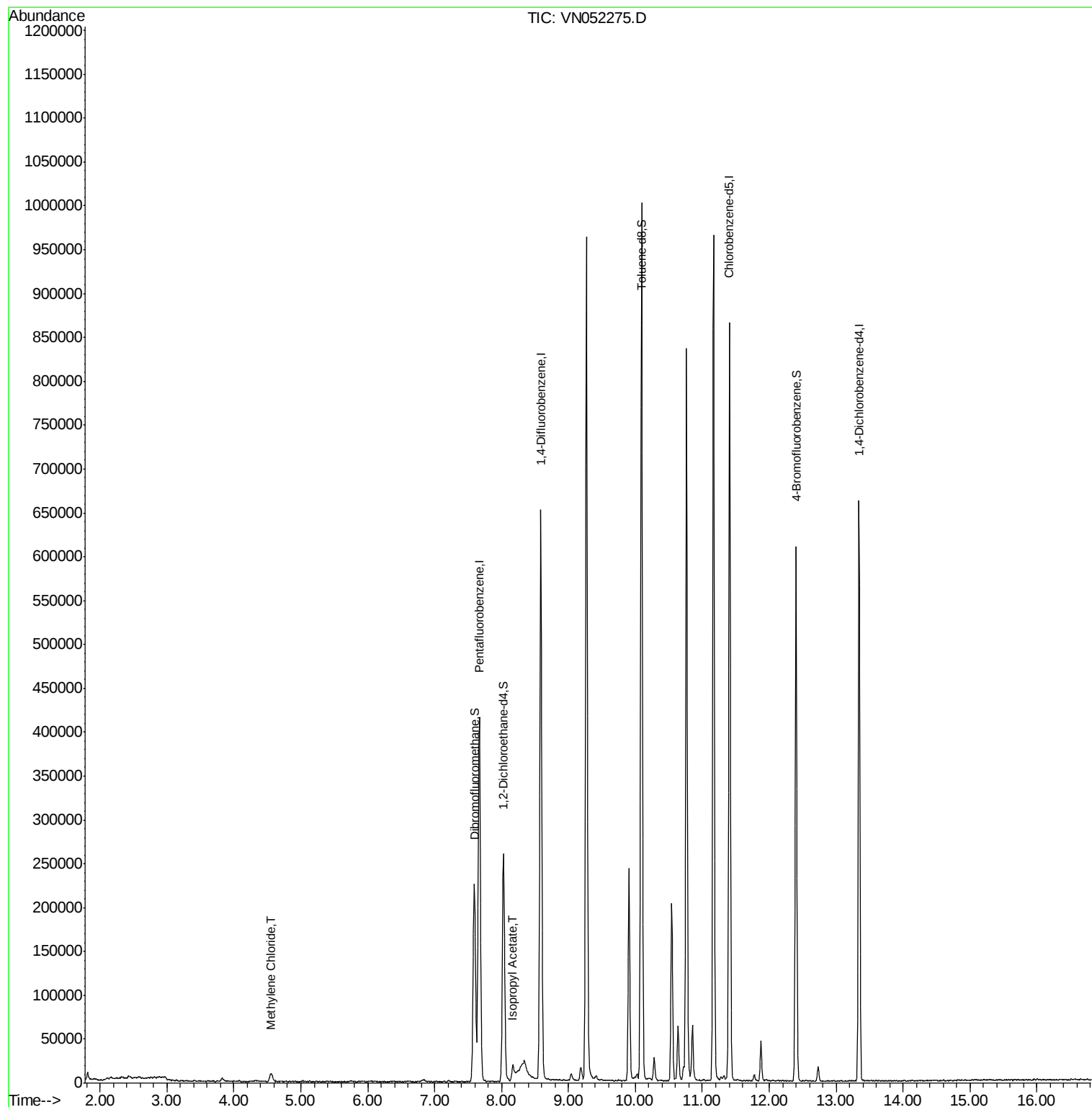
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111218\
Data File : VN052275.D
Acq On : 12 Nov 2018 20:58
Operator : MD\SY
Sample : PB114678ZHE#19
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 28

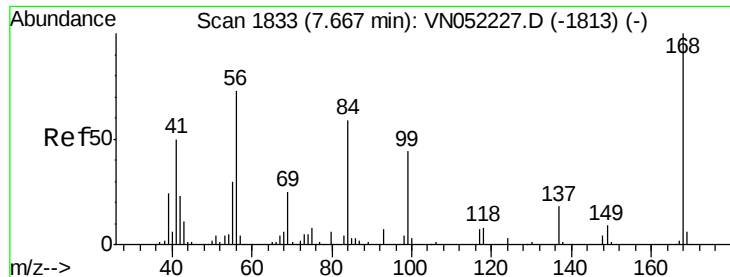
Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#19

Manual Integrations
APPROVED

MMDadoda
11/13/2018 2:54:46 PM

Quant Time: Nov 13 01:39:16 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: VN052275.D

Acq: 12 Nov 2018 20:58

Instrument :

MSVOA_N

ClientSampleId :

PB114678ZHE#19

Tot Ion:168 Resp: 313096

Ion Ratio Lower Upper

168 100

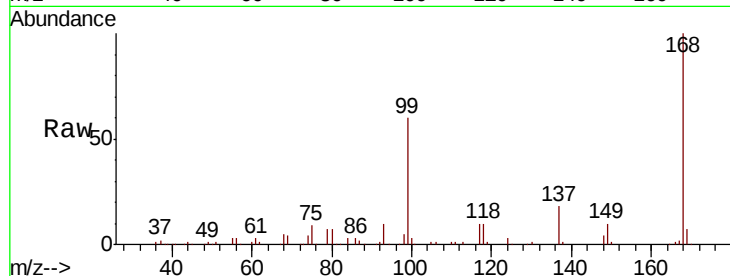
99 60.2 44.7 67.1

Manual Integrations

APPROVED

MMDadoda

11/13/2018 2:54:46 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

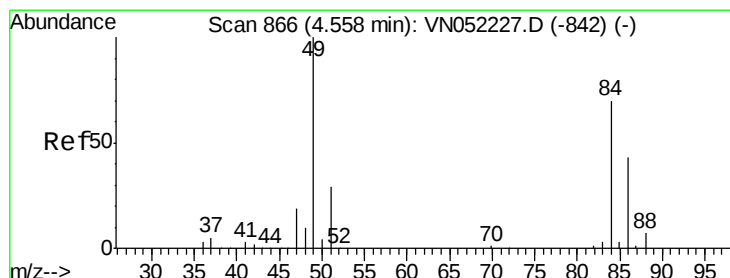
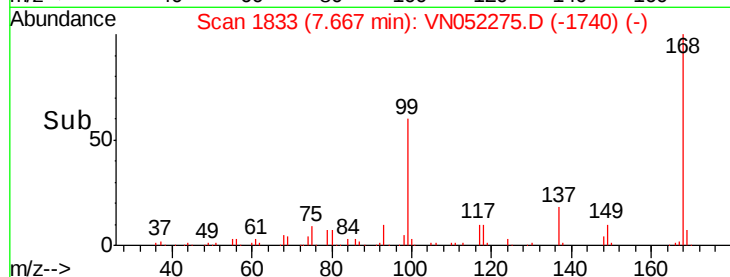
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.461 ug/l m

RT: 4.56 min Scan# 867

Delta R.T. 0.00 min

Lab File: VN052275.D

Acq: 12 Nov 2018 20:58

Tgt Ion: 84 Resp: 5703

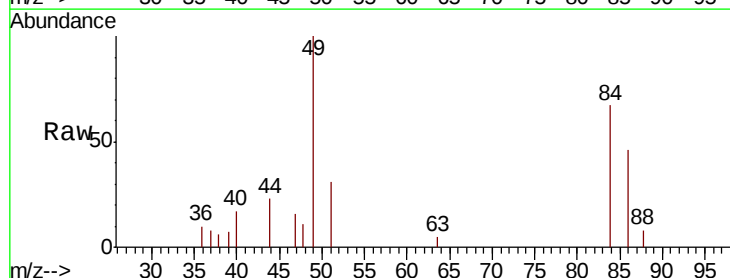
Ion Ratio Lower Upper

84 100

49 149.7 114.8 172.2

51 46.8 33.1 49.7

86 68.2 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

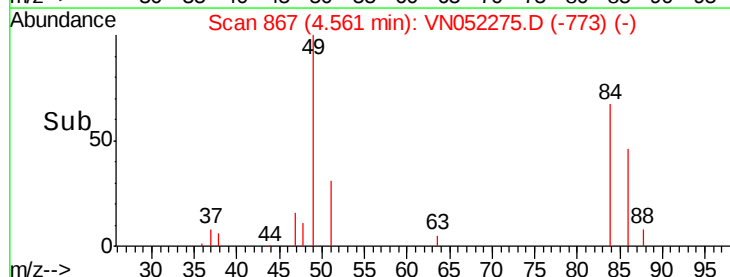
3000

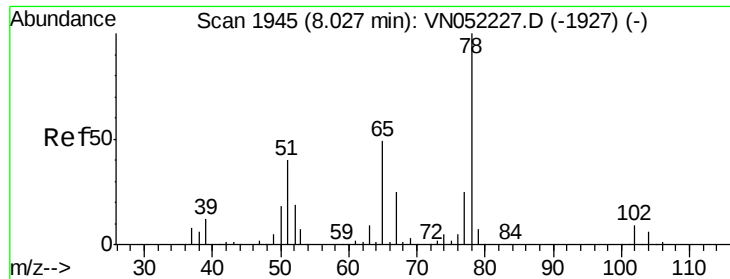
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052275.D

Acq: 12 Nov 2018 20:58

Instrument :

MSVOA_N

ClientSampleId :

PB114678ZHE#19

Tot Ion: 65 Resp: 214671

Ion Ratio Lower Upper

65 100

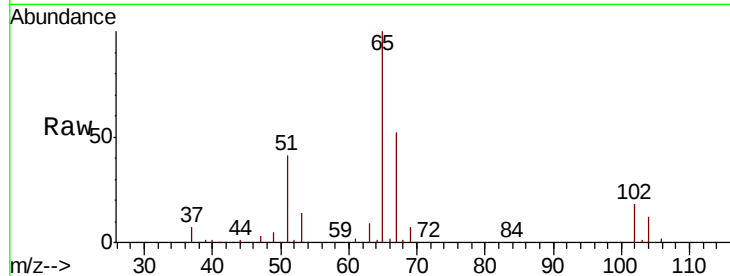
67 52.9 0.0 106.6

Manual Integrations

APPROVED

MMDadoda

11/13/2018 2:54:46 PM



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

100000

80000

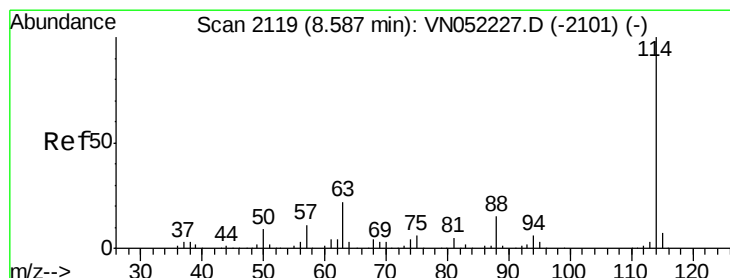
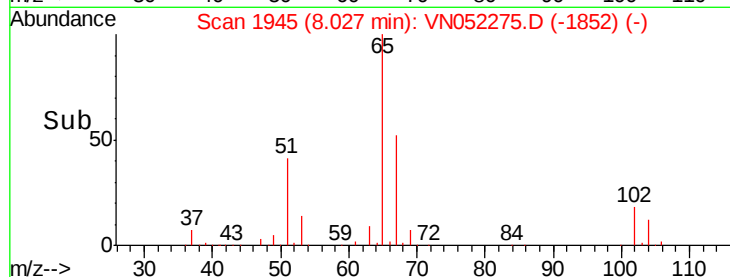
60000

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: VN052275.D

Acq: 12 Nov 2018 20:58

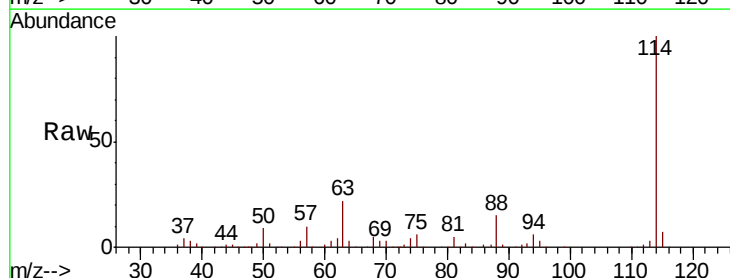
Tgt Ion:114 Resp: 544537

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 15.3 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

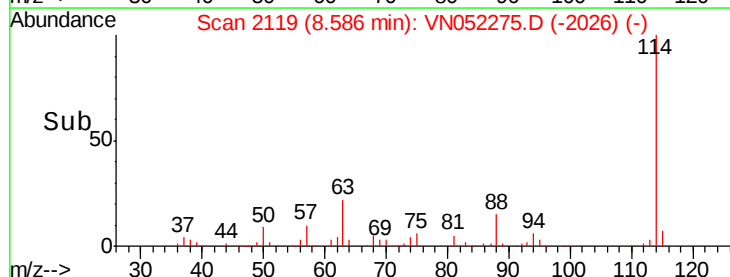
300000

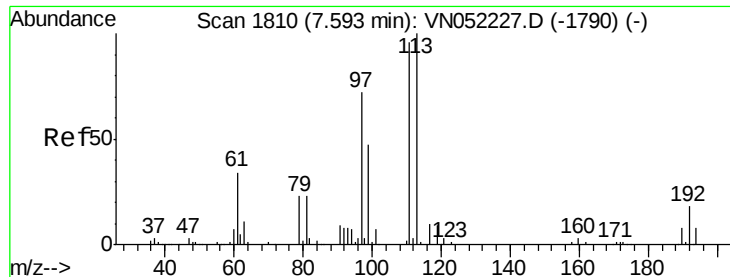
200000

100000

0

Time--> 8.50 8.60 8.70





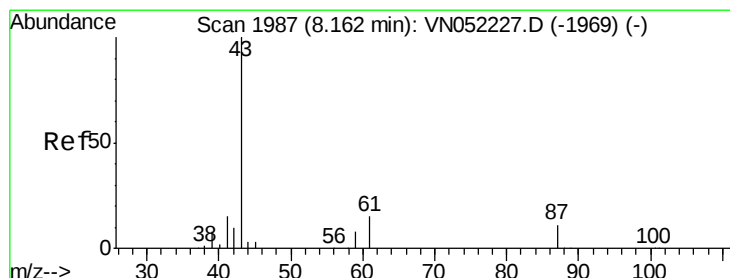
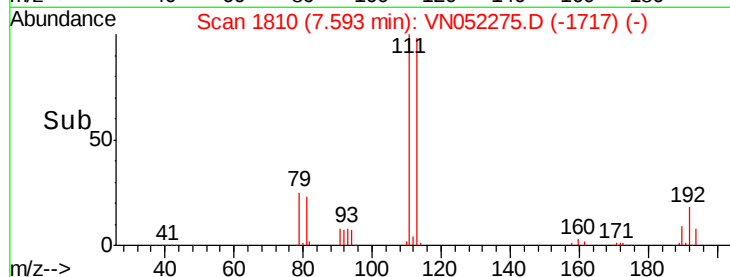
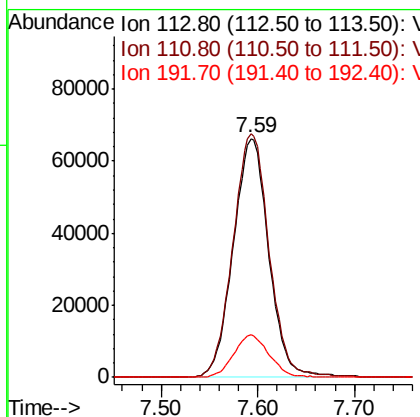
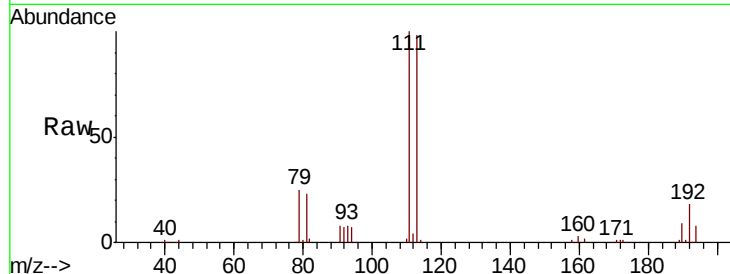
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052275.D
 Acq: 12 Nov 2018 20:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#19

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.2	120.4
192	17.8	14.1	21.1

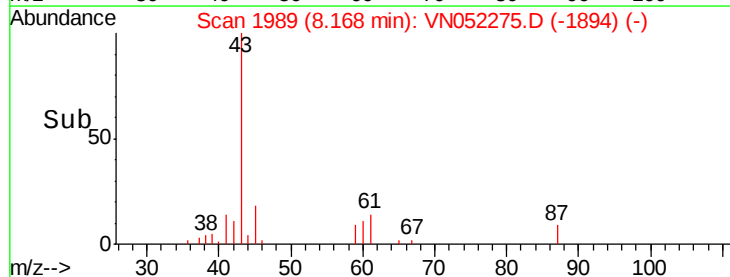
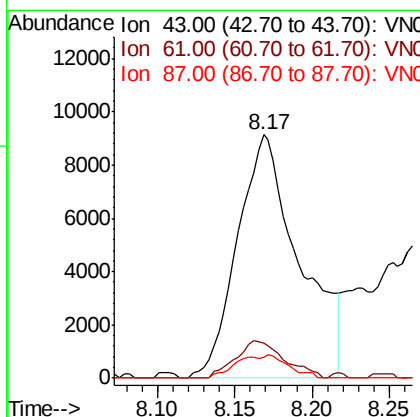
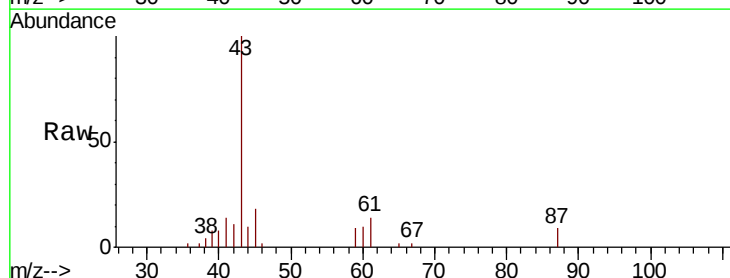
Manual Integrations
 APPROVED

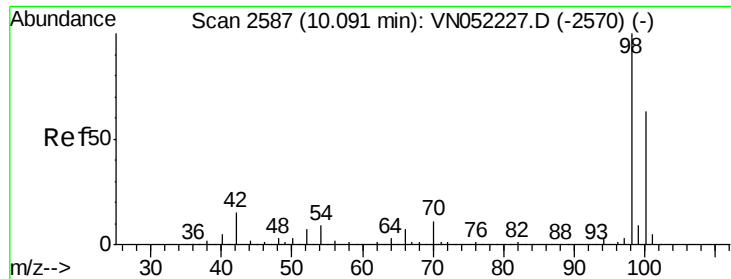
MMDadoda
 11/13/2018 2:54:46 PM



#43
 Isopropyl Acetate
 Concen: 3.531 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN052275.D
 Acq: 12 Nov 2018 20:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.1	14.2	21.4#
87	3.8	8.4	12.6#





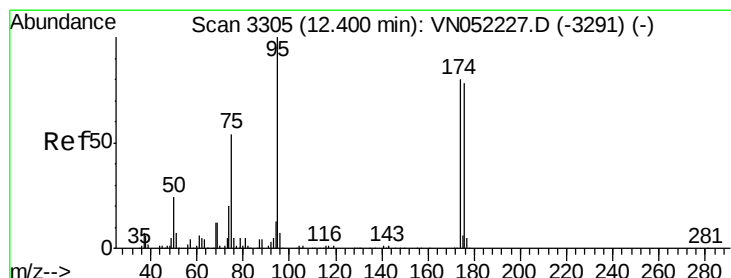
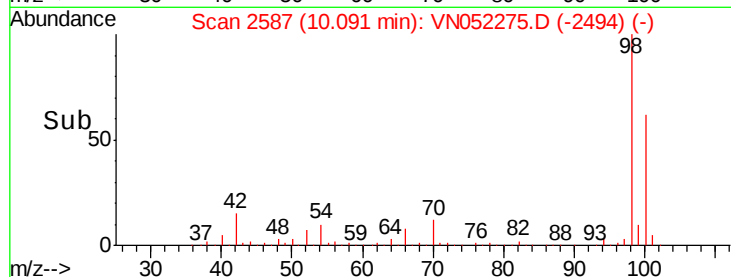
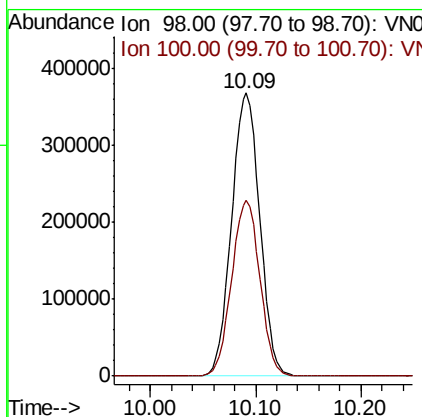
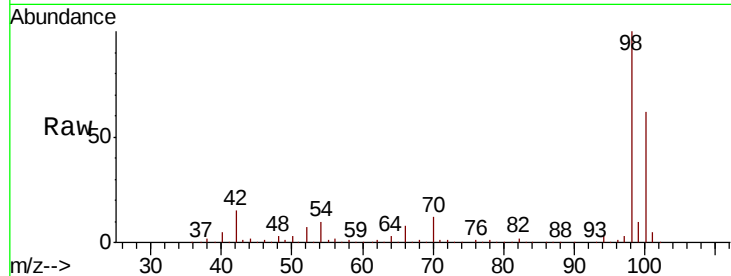
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052275.D
Acq: 12 Nov 2018 20:58

Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#19

Tot Ion: 98 Resp: 681624
Ion Ratio Lower Upper
98 100
100 62.3 50.2 75.2

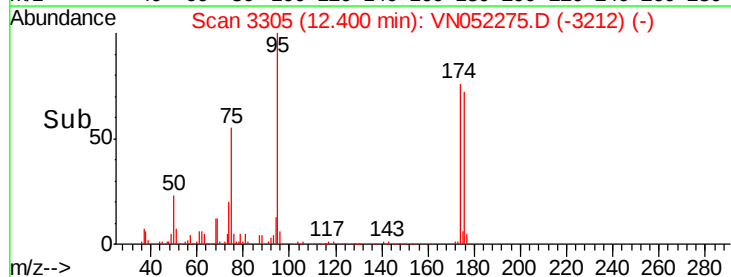
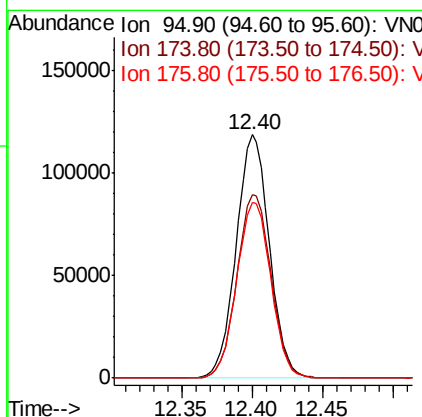
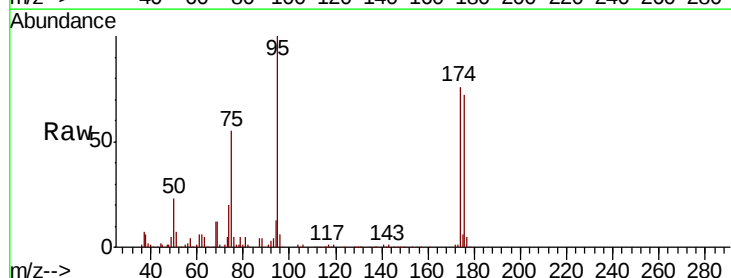
Manual Integrations
APPROVED

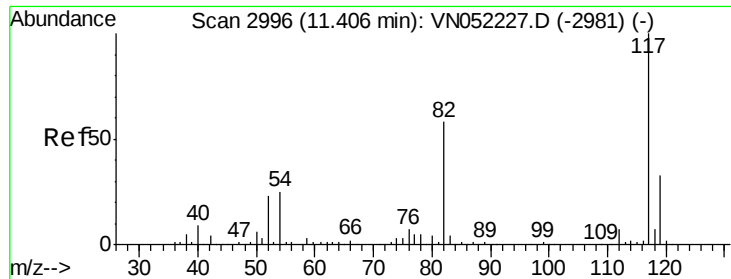
MMDadoda
11/13/2018 2:54:46 PM



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052275.D
Acq: 12 Nov 2018 20:58

Tgt Ion: 95 Resp: 195434
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.4
176 74.6 0.0 157.8





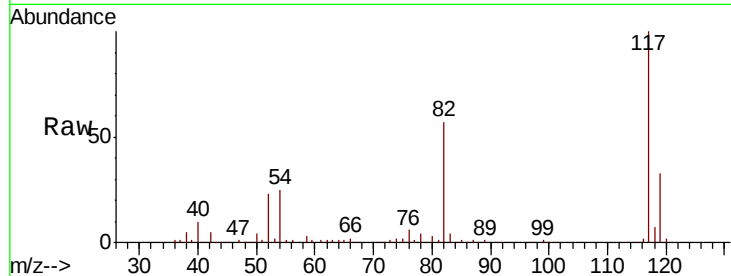
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052275.D
Acq: 12 Nov 2018 20:58

Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#19

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.2	69.2
119	32.6	26.2	39.4

Manual Integrations
APPROVED

MMDadoda
11/13/2018 2:54:46 PM

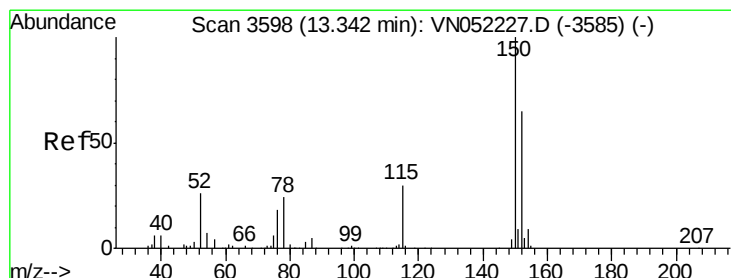
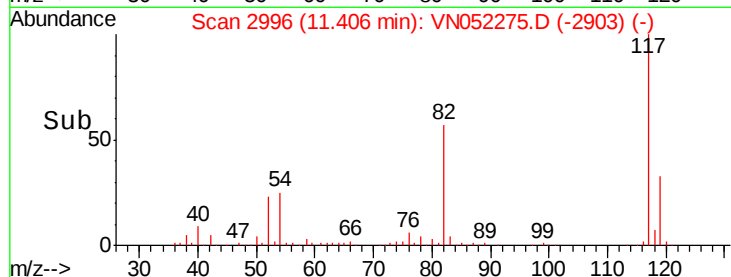
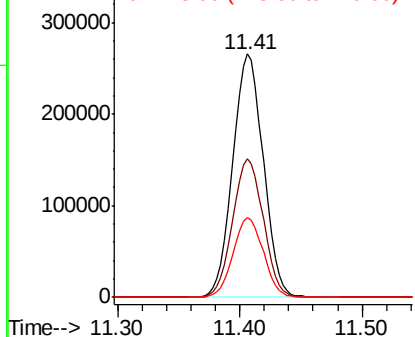


Abundance

Ion 116.90 (116.60 to 117.60): V

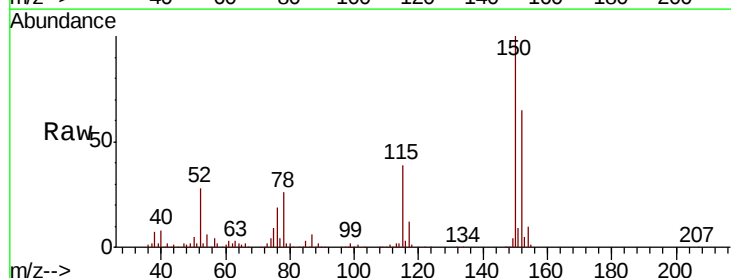
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052275.D
Acq: 12 Nov 2018 20:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.8	89.5
150	156.2	0.0	350.2



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

