

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\
 Data File : VN052368.D
 Acq On : 16 Nov 2018 16:47
 Operator : MD\SY
 Sample : J5942-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VW-F1

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 12:46:10 PM

Quant Time: Nov 16 23:59:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	298277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	514156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153422	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	219201	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
35) Dibromofluoromethane	7.59	113	169558	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	10.09	98	648940	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	190235	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
Target Compounds						
16) Acetone	3.83	43	6346m	5.471	ug/l	Qvalue
20) Methylene Chloride	4.56	84	132695	37.427	ug/l	98
43) Isopropyl Acetate	8.17	43	20873	2.892	ug/l	97

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

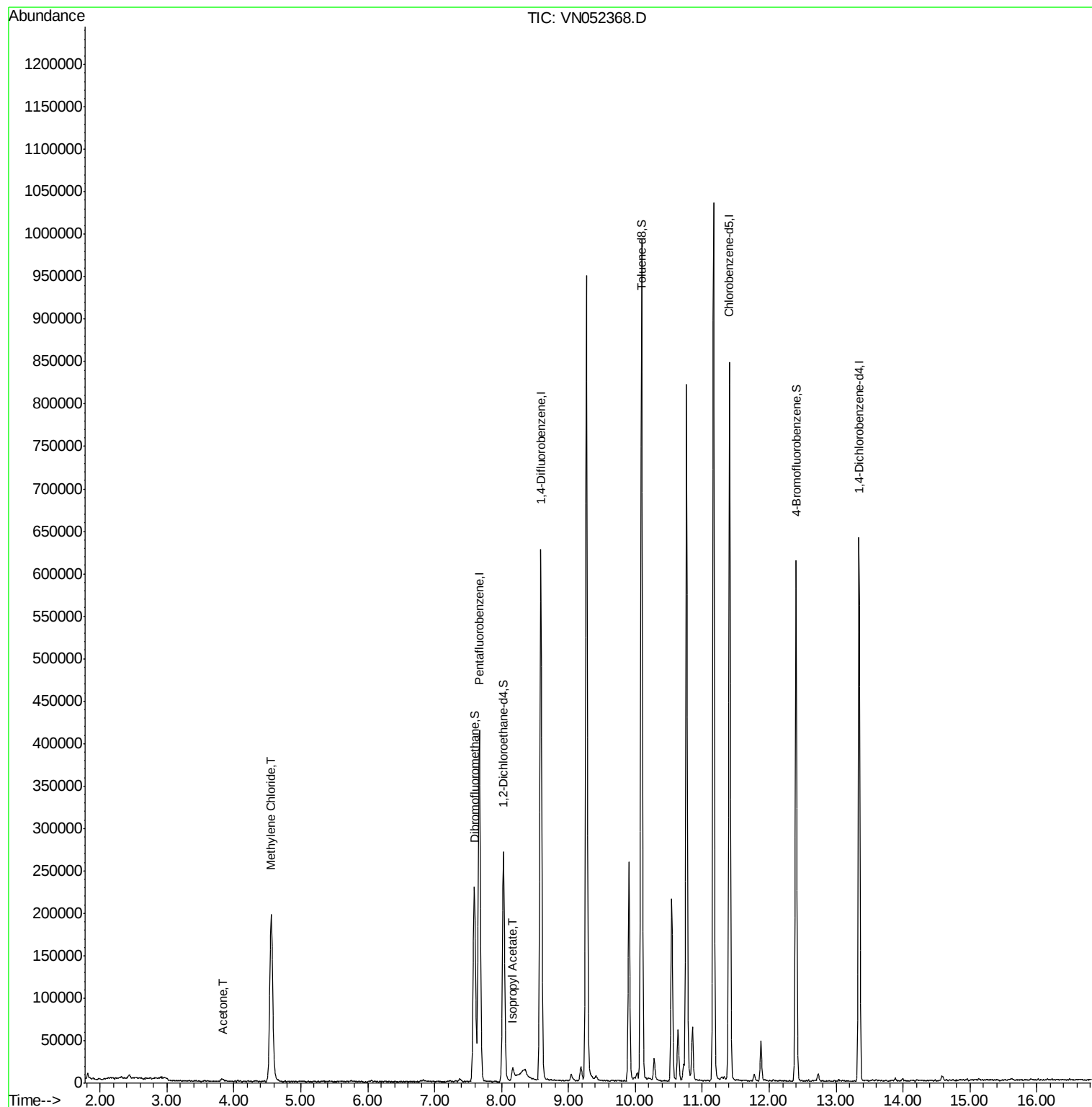
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111618\
Data File : VN052368.D
Acq On : 16 Nov 2018 16:47
Operator : MD\SY
Sample : J5942-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 28

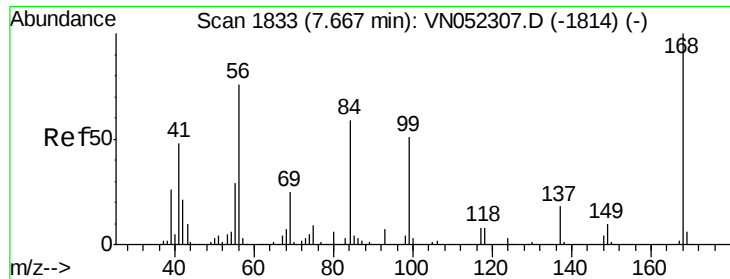
Instrument :
MSVOA_N
ClientSampleId :
VW-F1

Manual Integrations
APPROVED

MMDadoda
11/19/2018 12:46:10 PM

Quant Time: Nov 16 23:59:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 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: VN052368.D

Acq: 16 Nov 2018 16:47

Instrument :

MSVOA_N

ClientSampled :

VW-F1

Tot Ion:168 Resp: 298277

Ion Ratio Lower Upper

168 100

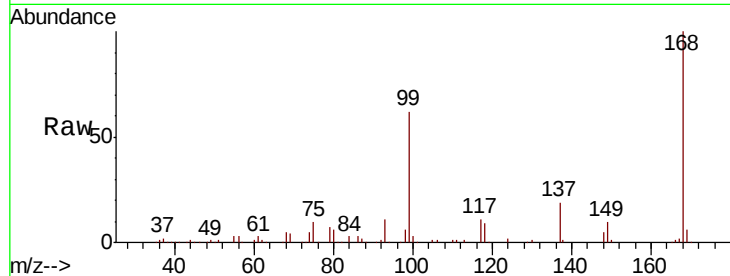
99 62.2 47.9 71.9

Manual Integrations

APPROVED

MMDadoda

11/19/2018 12:46:10 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

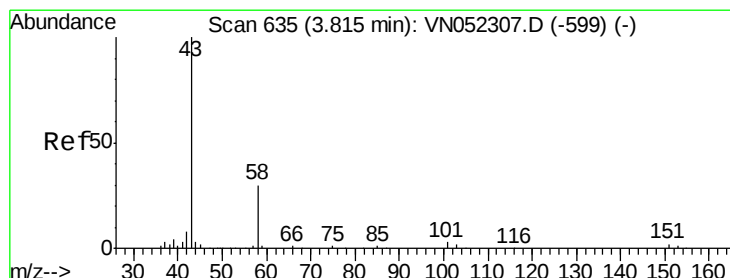
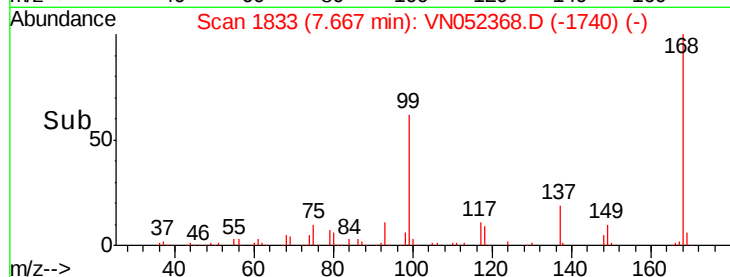
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 5.471 ug/l m

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN052368.D

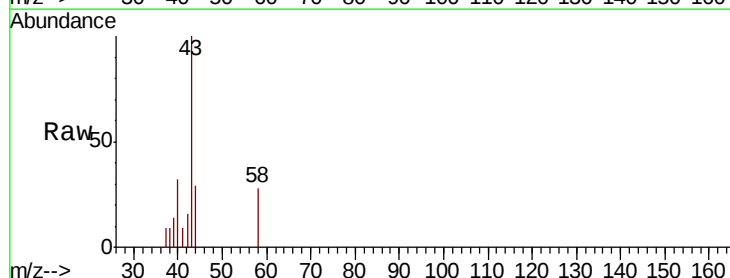
Acq: 16 Nov 2018 16:47

Tgt Ion: 43 Resp: 6346

Ion Ratio Lower Upper

43 100

58 28.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

2000

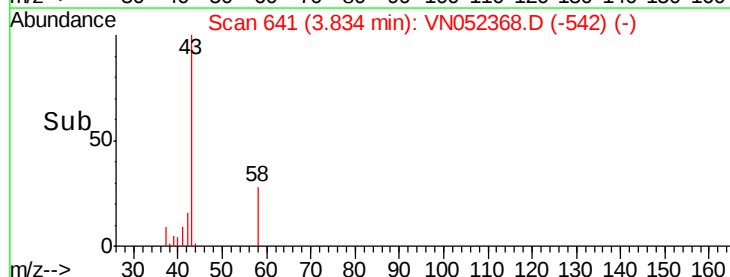
1500

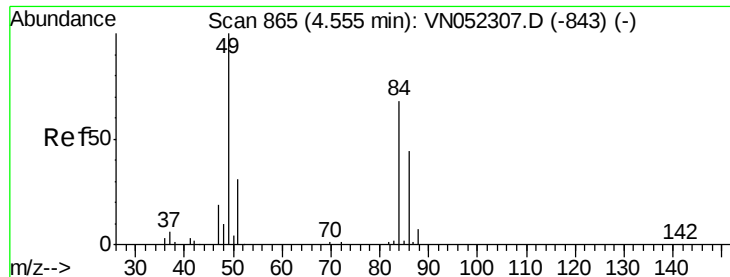
1000

500

0

Time--> 3.75 3.80 3.85 3.90





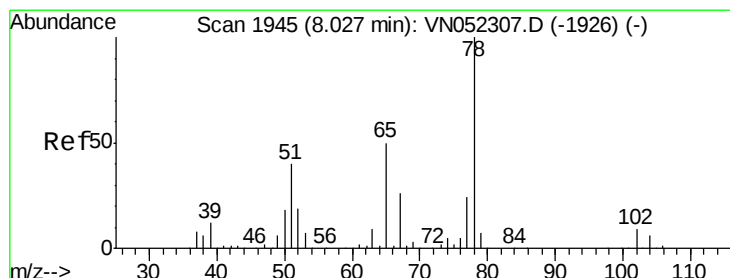
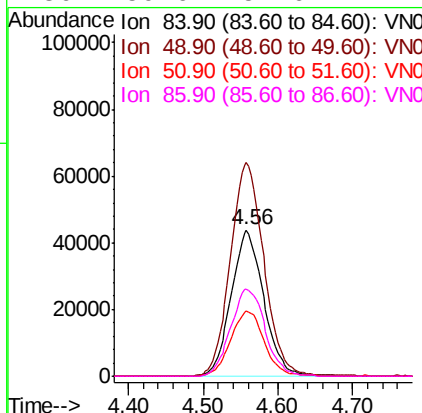
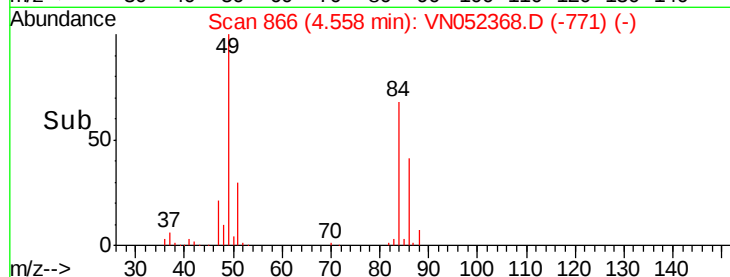
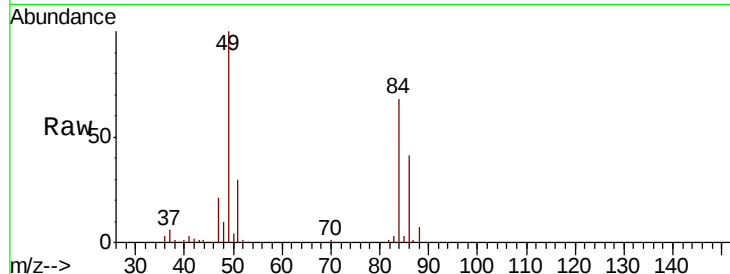
#20
Methvlene Chloride
Concen: 37.427 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052368.D
Acq: 16 Nov 2018 16:47

Instrument :
MSVOA_N
ClientSampled :
VW-F1

Tot Ion:	84	Resp:	132695
Ion	Ratio	Lower	Upper
84	100		
49	146.3	118.2	177.2
51	44.4	36.1	54.1
86	59.6	51.6	77.4

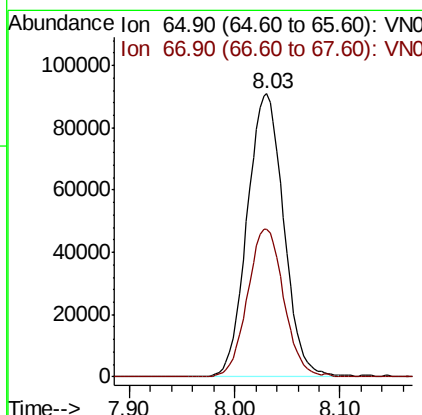
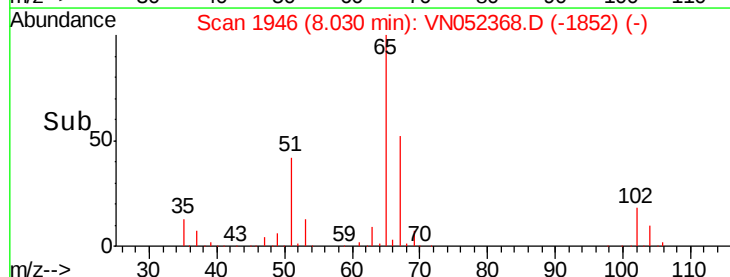
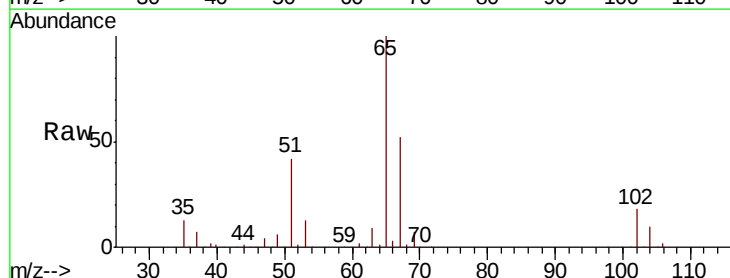
Manual Integrations
APPROVED

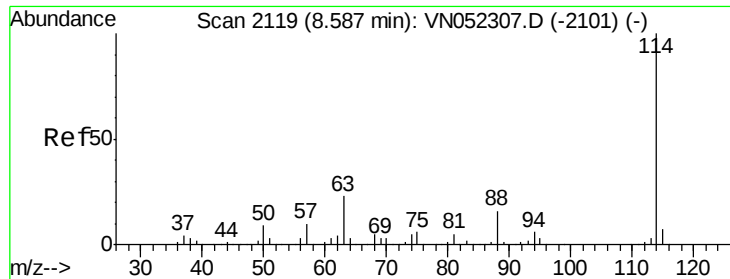
MMDadoda
11/19/2018 12:46:10 PM



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052368.D
Acq: 16 Nov 2018 16:47

Tgt Ion:	65	Resp:	219201
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.2





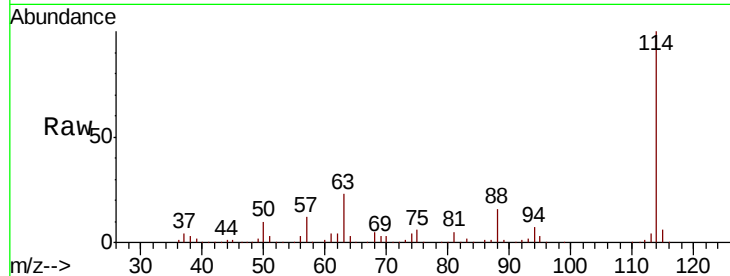
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052368.D
Acq: 16 Nov 2018 16:47

Instrument :
MSVOA_N
ClientSampleId :
VW-F1

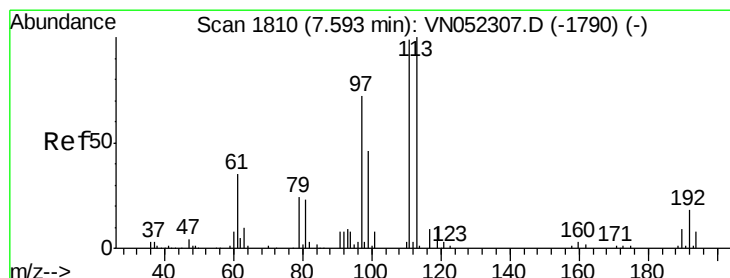
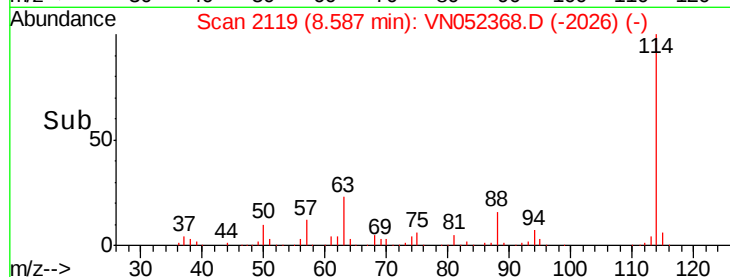
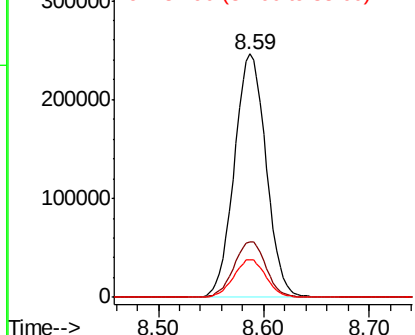
Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.0	0.0	45.4
88	15.7	0.0	31.2

Manual Integrations
APPROVED

MMDadoda
11/19/2018 12:46:10 PM

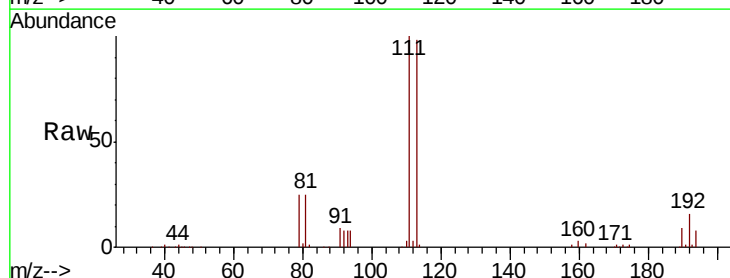


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VNO
Ion 87.90 (87.60 to 88.60): VNO

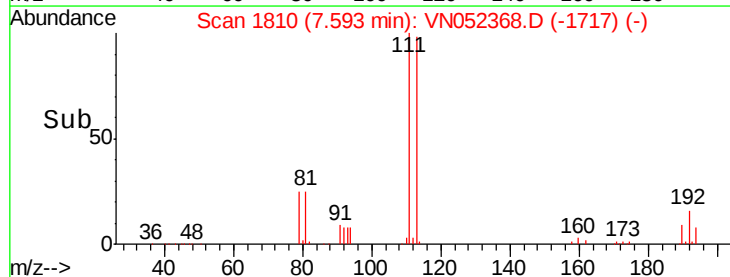
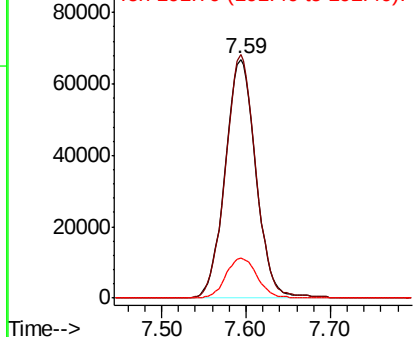


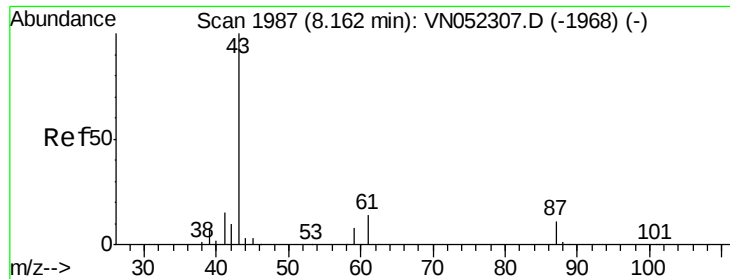
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052368.D
Acq: 16 Nov 2018 16:47

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	100.4	81.0	121.6
192	17.0	13.8	20.6



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: 2.892 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052368.D

Acq: 16 Nov 2018 16:47

Instrument :

MSVOA_N

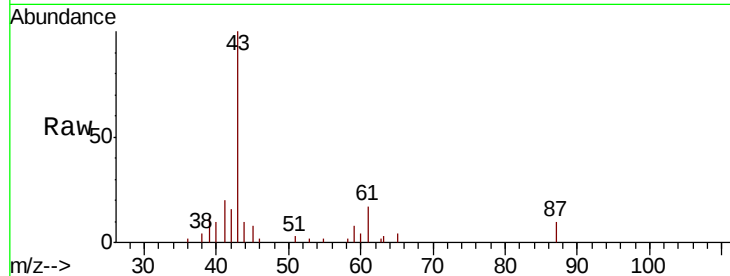
ClientSampled :

VW-F1

Tot Ion:	43	Resp:	20873
Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.0	18.0
87	8.7	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
11/19/2018 12:46:10 PM

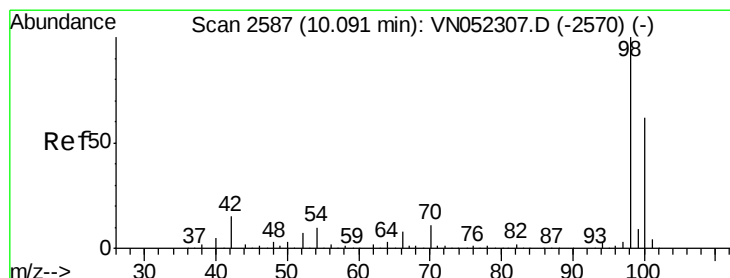
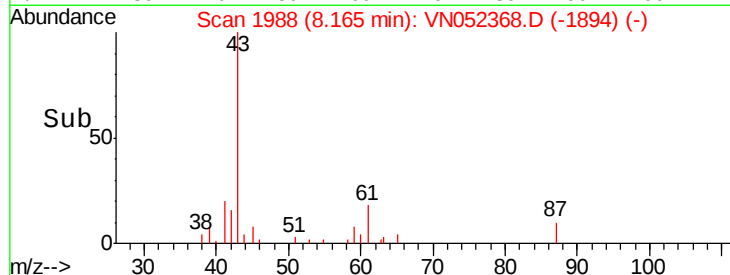
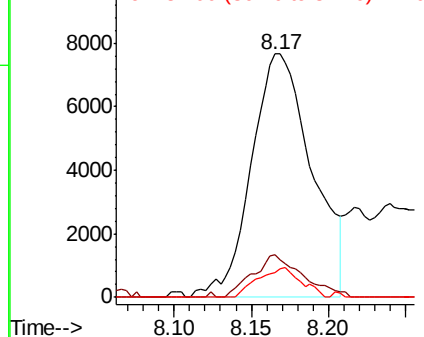


Abundance

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: N.D. ug/l

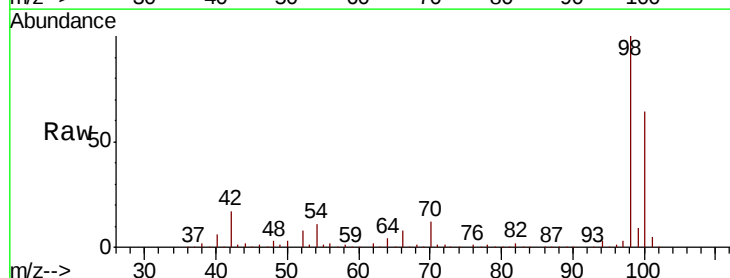
RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052368.D

Acq: 16 Nov 2018 16:47

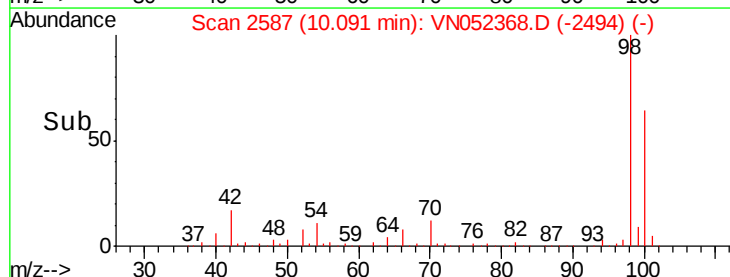
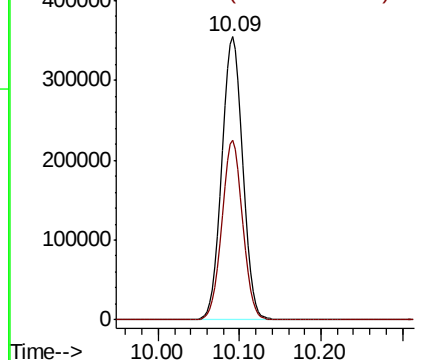
Tgt Ion:	98	Resp:	648940
Ion	Ratio	Lower	Upper
98	100		
100	62.6	49.5	74.3

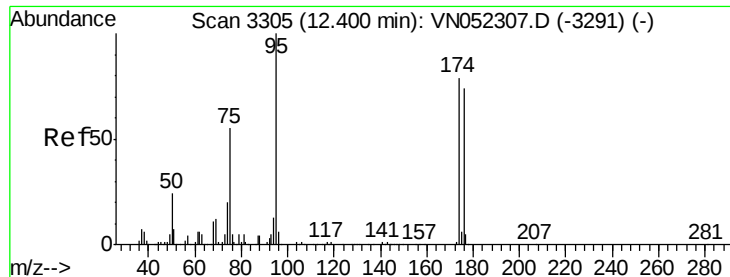


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052368.D

Acq: 16 Nov 2018 16:47

Instrument :

MSVOA_N

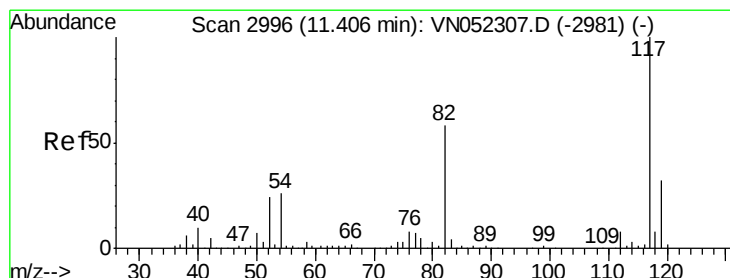
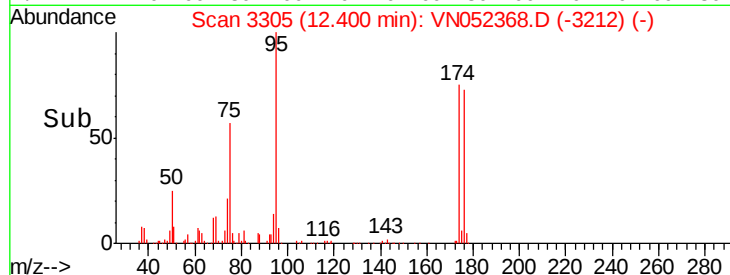
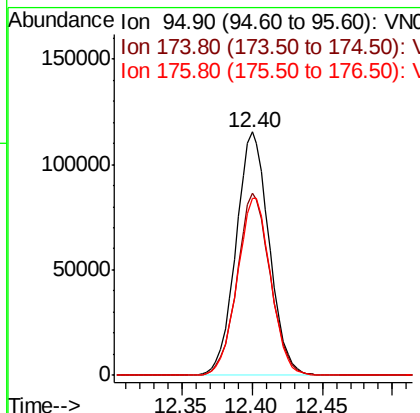
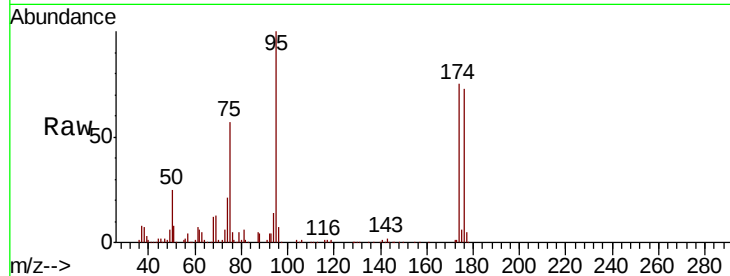
ClientSampled :

VW-F1

Tot Ion:	95	Resp:	190235
Ion Ratio	Lower	Upper	
95	100		
174	75.0	0.0	156.0
176	73.5	0.0	148.4

Manual Integrations
APPROVED

MMDadoda
11/19/2018 12:46:10 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

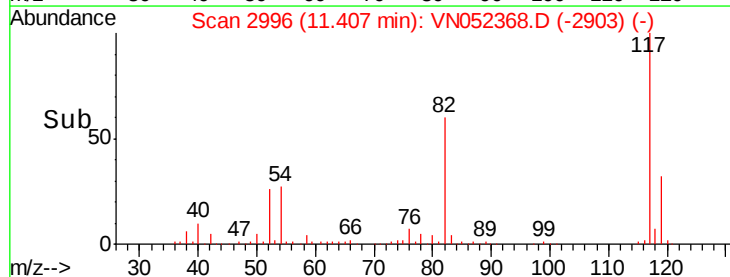
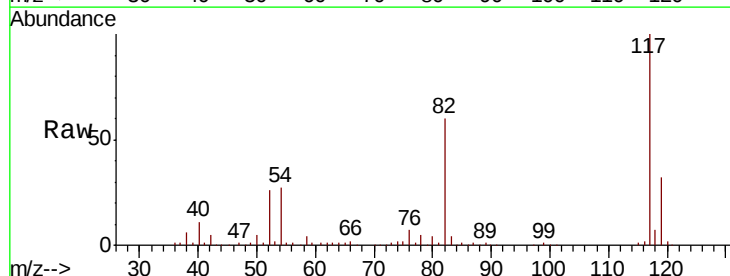
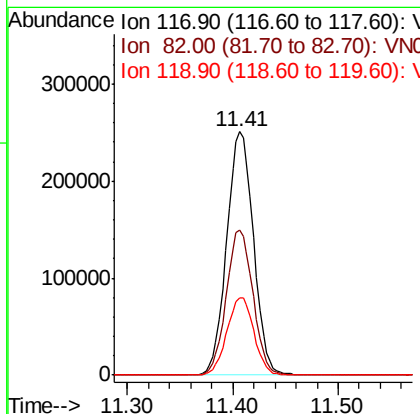
RT: 11.41 min Scan# 2996

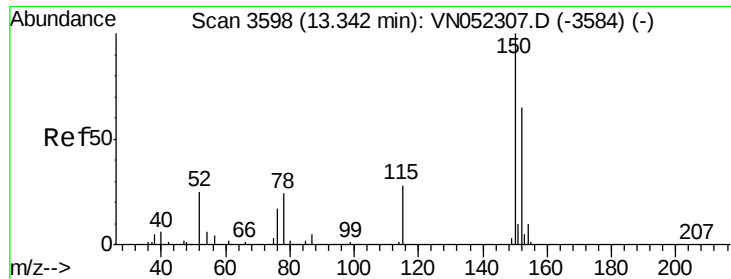
Delta R.T. 0.00 min

Lab File: VN052368.D

Acq: 16 Nov 2018 16:47

Tgt Ion:	117	Resp:	439406
Ion Ratio	Lower	Upper	
117	100		
82	59.6	46.5	69.7
119	31.7	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052368.D

Acq: 16 Nov 2018 16:47

Instrument :

MSVOA_N

ClientSampleId :

VW-F1

Tot Ion:	152	Resp:	153422
Ion Ratio	Lower	Upper	
152	100		
115	61.7	30.3	91.0
150	158.5	0.0	348.2

Manual Integrations
APPROVED

MMDadoda
11/19/2018 12:46:10 PM

