

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049682.D
 Acq On : 2 Jul 2018 20:46
 Operator : MD\SY
 Sample : PB110744 ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#09

Manual Integrations
 APPROVED

sam
 7/3/2018 3:51:48 PM

Quant Time: Jul 03 05:14:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1237124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2064537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1678623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	602763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	866798	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
35) Dibromofluoromethane	7.59	113	719248	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	10.09	98	2712119	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
62) 4-Bromofluorobenzene	12.40	95	780625	37.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.70%	
Target Compounds						
16) Acetone	3.83	43	49143	7.22	ug/l	99
18) Methyl Acetate	4.33	43	109340	2.37	ug/l	97
20) Methylene Chloride	4.55	84	19257	1.14	ug/l	96
25) 2-Butanone	6.84	43	9180m	1.69	ug/l	

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

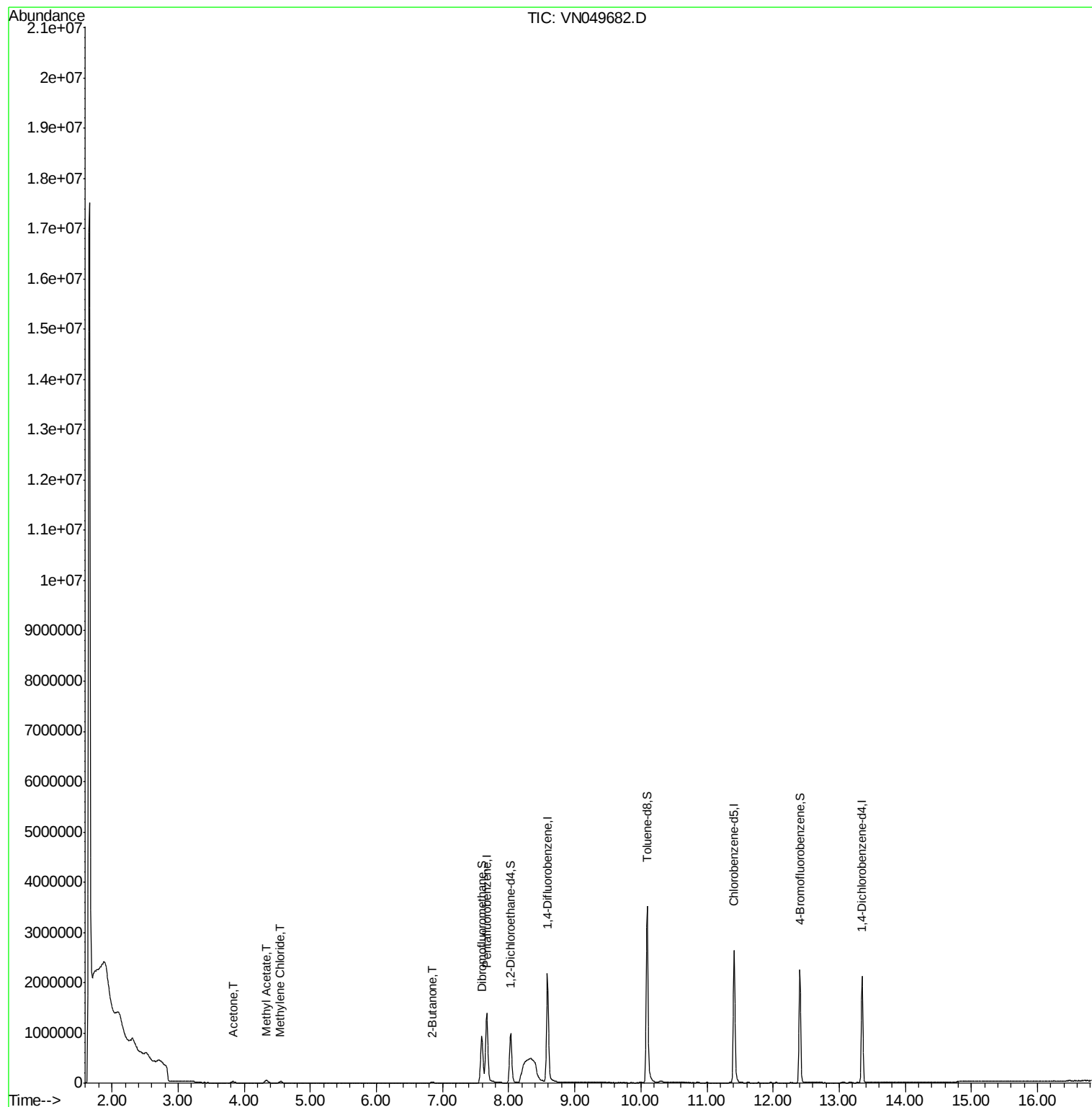
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
Data File : VN049682.D
Acq On : 2 Jul 2018 20:46
Operator : MD\SY
Sample : PB110744 ZHE#09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

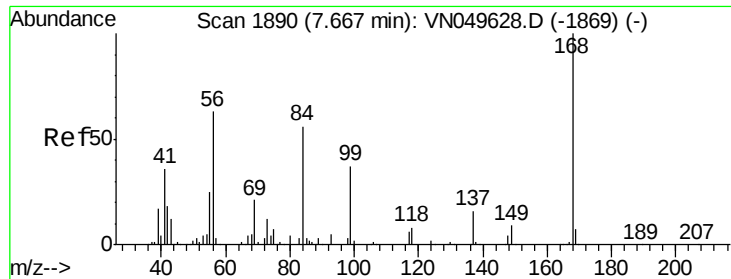
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#09

Manual Integrations
APPROVED

sam
7/3/2018 3:51:48 PM

Quant Time: Jul 03 05:14:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 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: VN049682.D

Acq: 2 Jul 2018 20:46

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#09

Tot Ion:168 Resp: 1237124

Ion Ratio Lower Upper

168 100

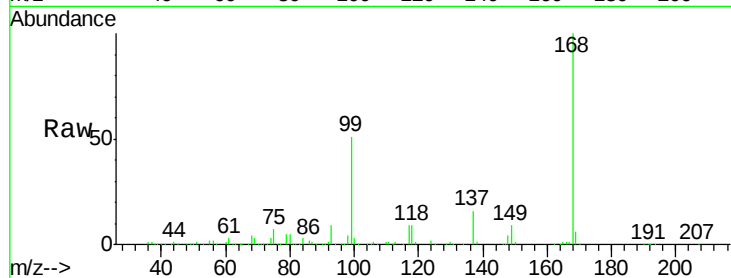
99 51.4 40.6 61.0

Manual Integrations

APPROVED

sam

7/3/2018 3:51:48 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

300000

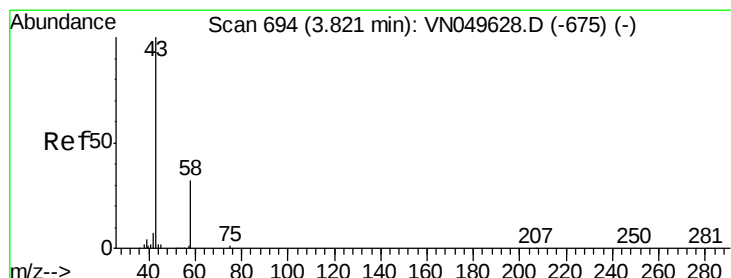
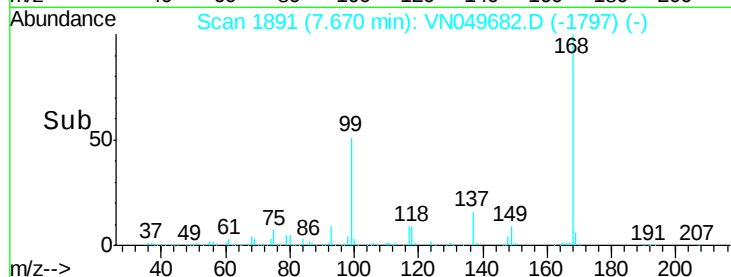
200000

100000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 7.22 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049682.D

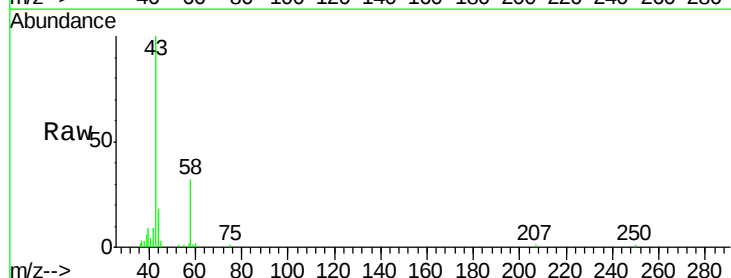
Acq: 2 Jul 2018 20:46

Tgt Ion: 43 Resp: 49143

Ion Ratio Lower Upper

43 100

58 32.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

20000

15000

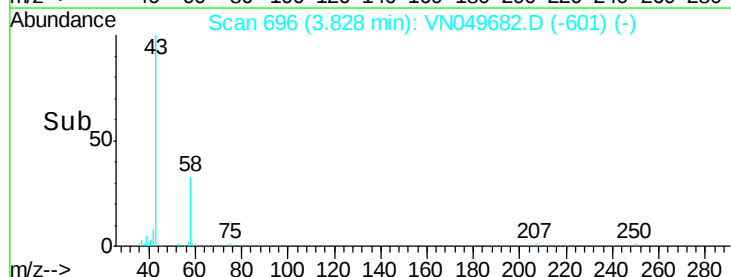
10000

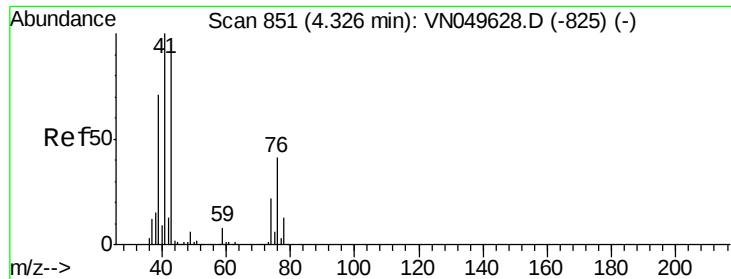
5000

0

Time-->

3.75 3.80 3.85 3.90





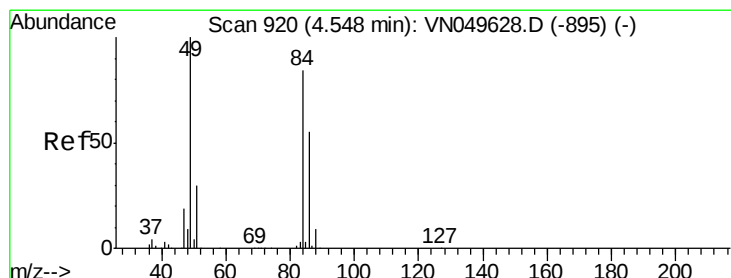
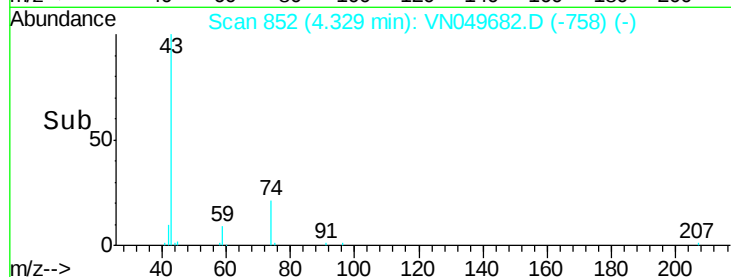
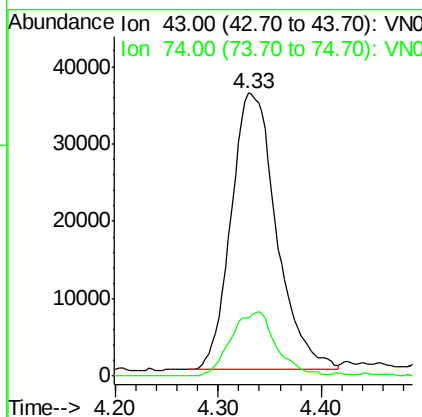
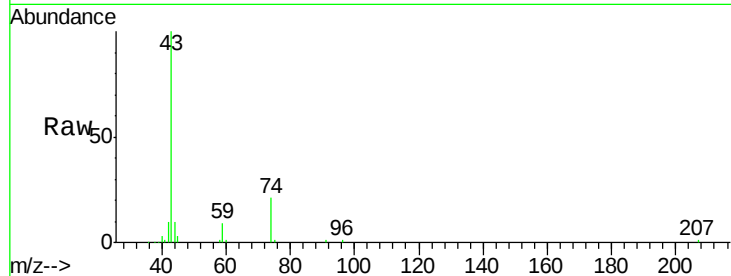
#18
Methyl Acetate
Concen: 2.37 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049682.D
Acq: 2 Jul 2018 20:46

Instrument :
MSVOA_N
ClientSampled :
PB110744 ZHE#09

Tot Ion: 43 Resp: 109340
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.8

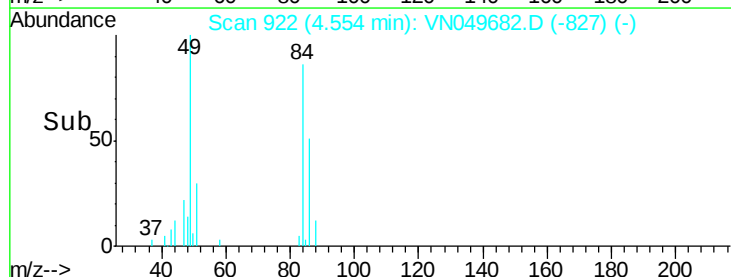
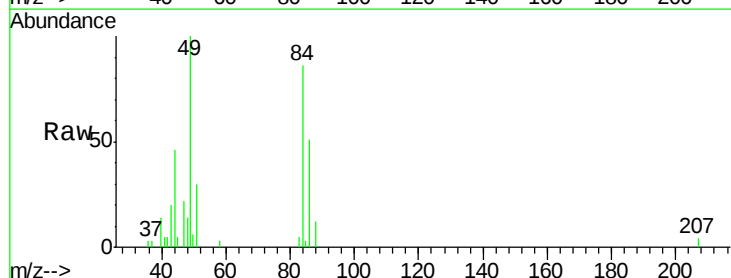
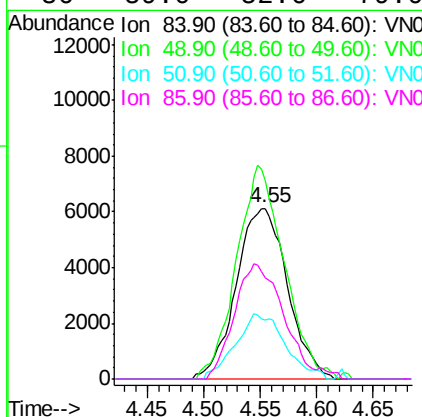
Manual Integrations
APPROVED

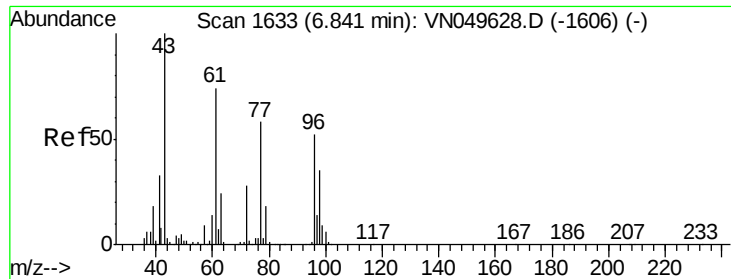
sam
7/3/2018 3:51:48 PM



#20
Methylene Chloride
Concen: 1.14 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049682.D
Acq: 2 Jul 2018 20:46

Tgt Ion: 84 Resp: 19257
Ion Ratio Lower Upper
84 100
49 116.3 95.4 143.2
51 34.5 28.4 42.6
86 59.0 52.6 79.0





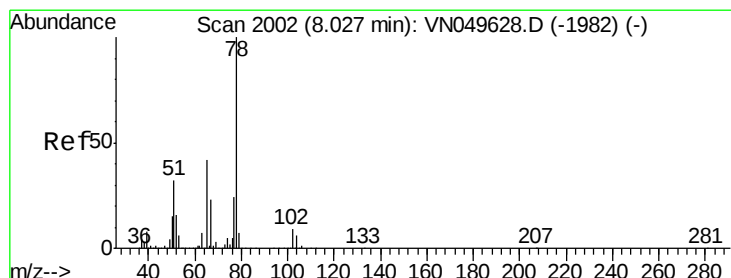
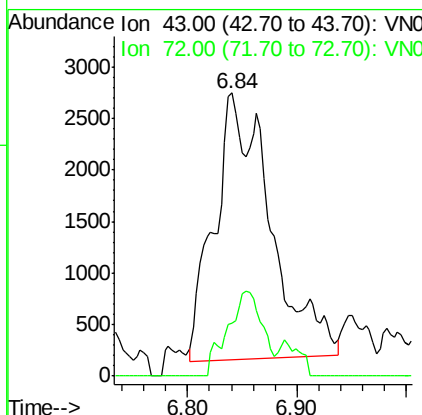
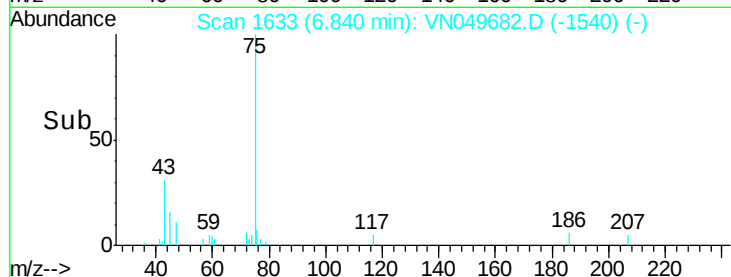
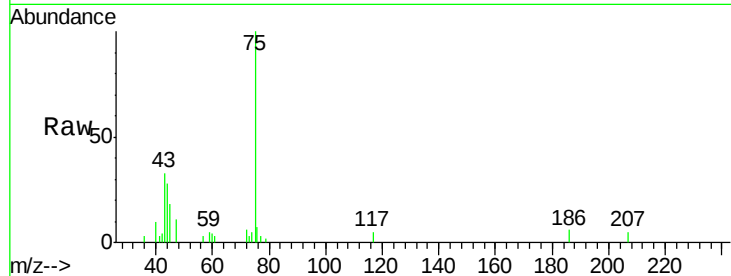
#25
2-Butanone
Concen: 1.69 ug/l m
RT: 6.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VN049682.D
Acq: 2 Jul 2018 20:46

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#09

Tot Ion: 43 Resp: 9180
Ion Ratio Lower Upper
43 100
72 18.7 22.1 33.1#

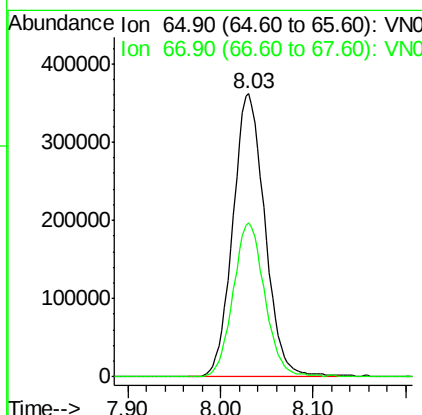
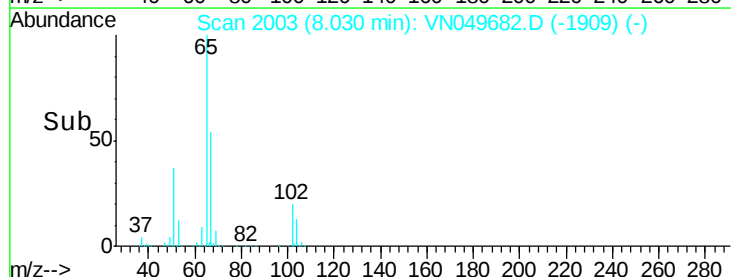
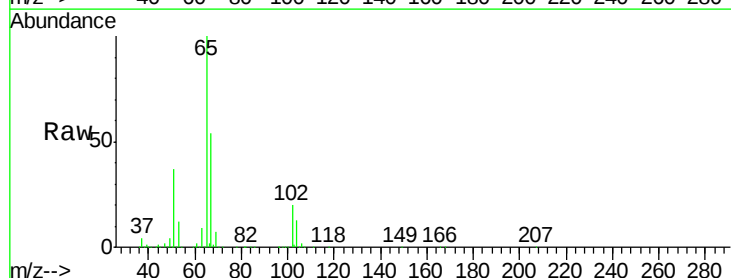
Manual Integrations
APPROVED

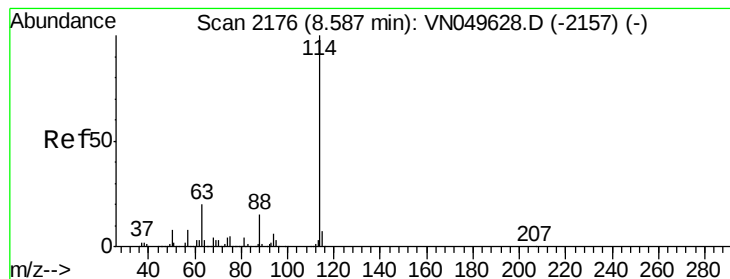
sam
7/3/2018 3:51:48 PM



#33
1,2-Dichloroethane-d4
Concen: 53.06 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049682.D
Acq: 2 Jul 2018 20:46

Tgt Ion: 65 Resp: 866798
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049682.D

Acq: 2 Jul 2018 20:46

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#09

Tot Ion:114 Resp: 2064537

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

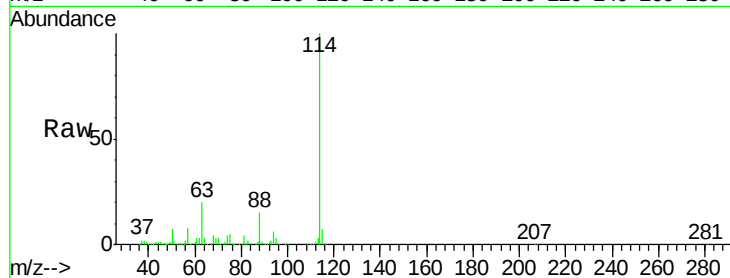
88 15.3 0.0 30.6

Manual Integrations

APPROVED

sam

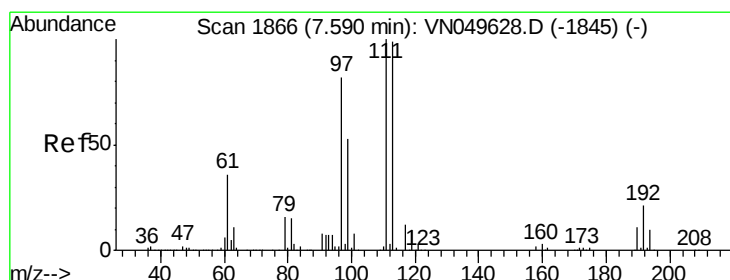
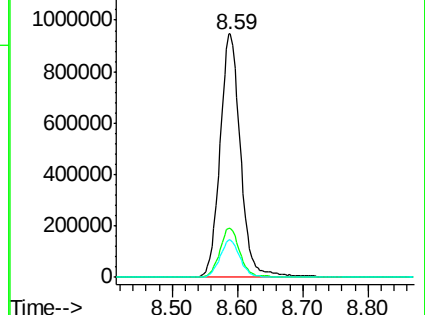
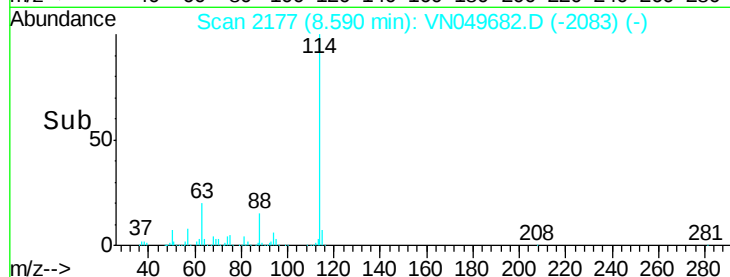
7/3/2018 3:51:48 PM



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: 46.60 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049682.D

Acq: 2 Jul 2018 20:46

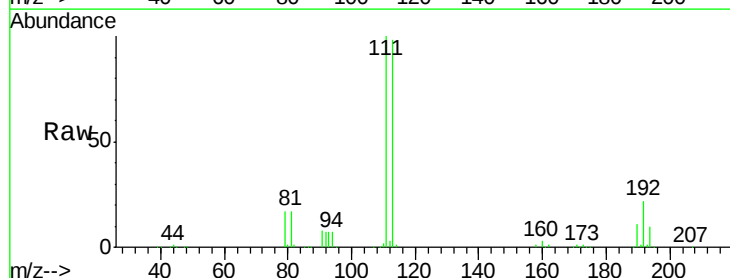
Tgt Ion:113 Resp: 719248

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

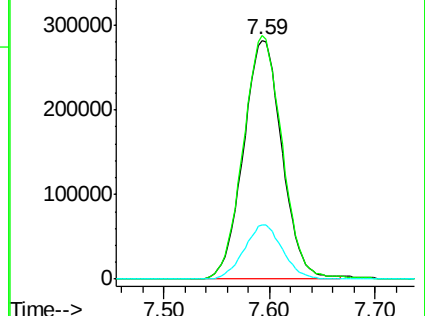
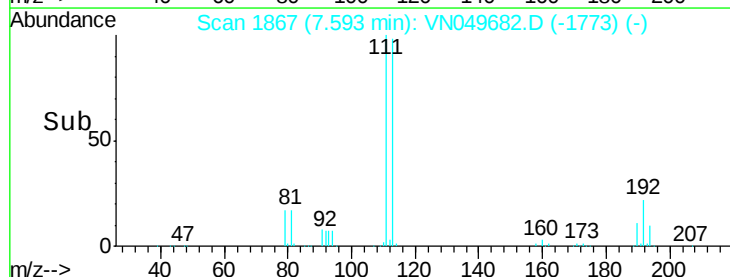
192 22.6 17.8 26.6

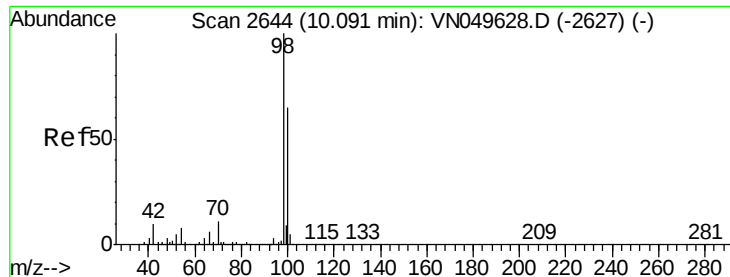


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.89 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049682.D

Acq: 2 Jul 2018 20:46

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#09

Tot Ion: 98 Resp: 2712119

Ion Ratio Lower Upper

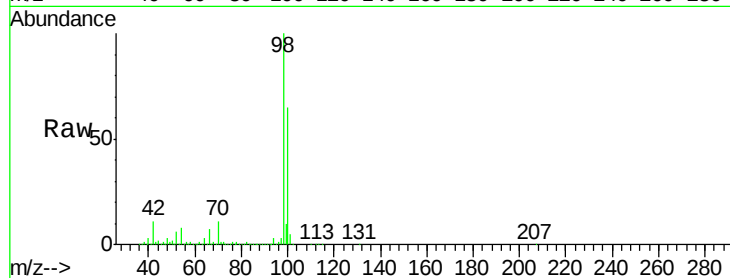
98 100

100 64.1 51.7 77.5

Manual Integrations
APPROVED

sam

7/3/2018 3:51:48 PM



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

1000000

500000

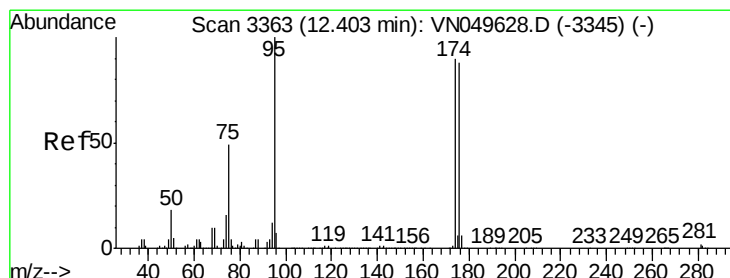
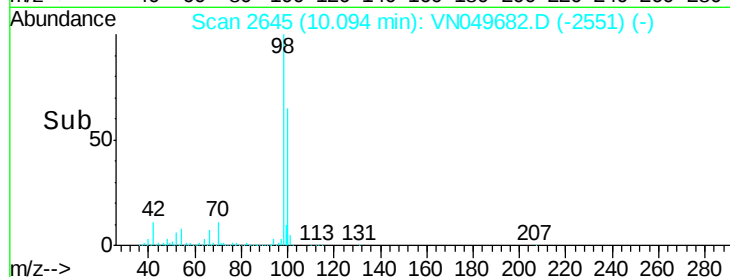
0

10.09

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 37.85 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049682.D

Acq: 2 Jul 2018 20:46

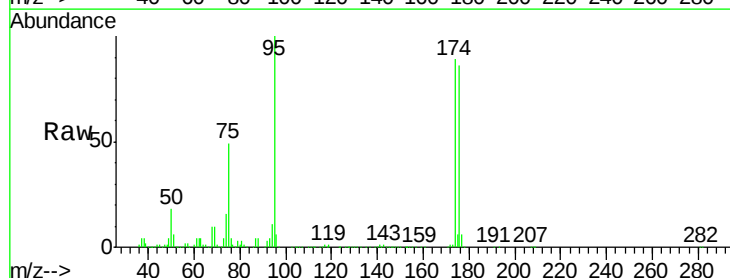
Tgt Ion: 95 Resp: 780625

Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.6

176 85.8 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

500000

400000

300000

200000

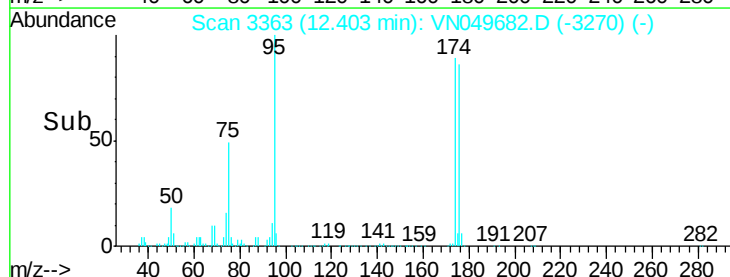
100000

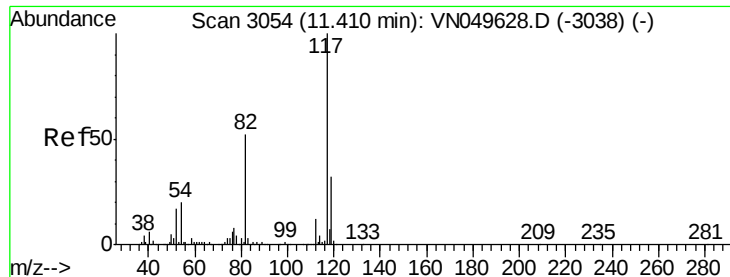
0

12.40

12.50

Time-->





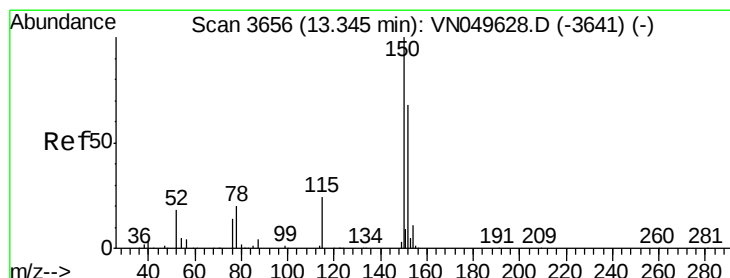
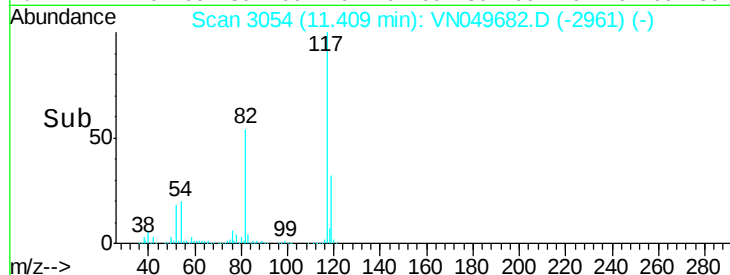
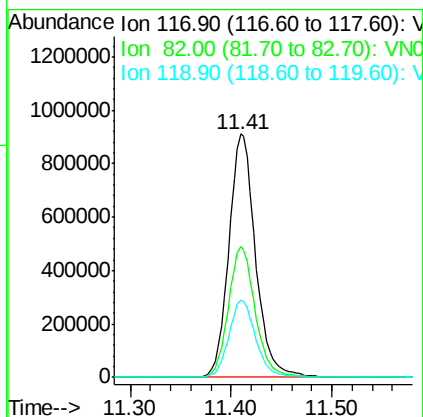
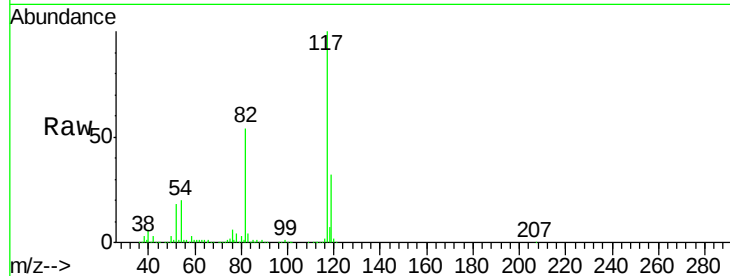
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049682.D
Acq: 2 Jul 2018 20:46

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#09

Tot Ion:117 Resp: 1678623
Ion Ratio Lower Upper
117 100
82 53.7 41.9 62.9
119 31.7 25.4 38.2

Manual Integrations
APPROVED

sam
7/3/2018 3:51:48 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049682.D
Acq: 2 Jul 2018 20:46

Tgt Ion:152 Resp: 602763
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.2
150 156.9 0.0 347.6

