

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101618\
 Data File : VX005364.D
 Acq On : 16 Oct 2018 12:20
 Operator : JC/MD
 Sample : J5519-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BS-DRUM

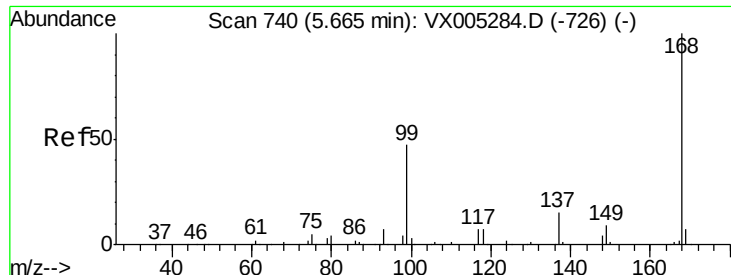
Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:34:46 AM

Quant Time: Oct 17 06:01:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	385098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166723	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
35) Dibromofluoromethane	5.50	113	134767	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
50) Toluene-d8	8.71	98	515727	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.14	95	175240	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
16) Acetone	2.45	43	7170	3.693	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	25136	2.474	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	31349	2.999	ug/l	97
86) p-Isopropyltoluene	12.07	119	2613m	0.237	ug/l	

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005364.D

Acq: 16 Oct 2018 12:20

Instrument :

MSVOA_X

ClientSampleId :

BS-DRUM

Tot Ion:168 Resp: 302534

Ion Ratio Lower Upper

168 100

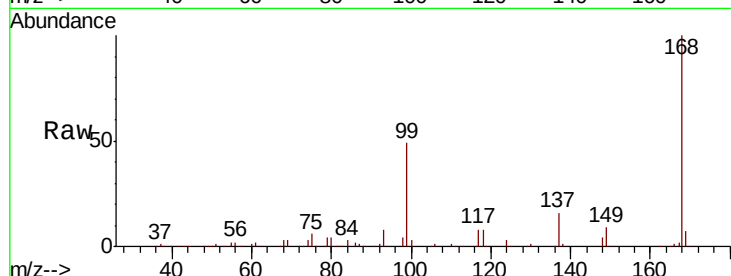
99 49.5 39.9 59.9

Manual Integrations

APPROVED

MMDadoda

10/17/2018 9:34:46 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

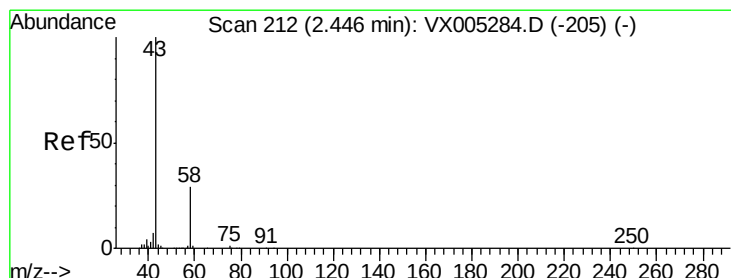
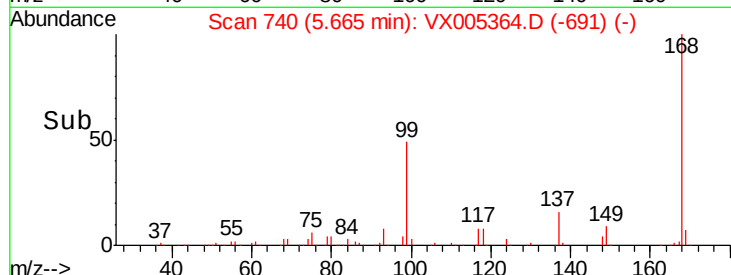
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 3.693 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005364.D

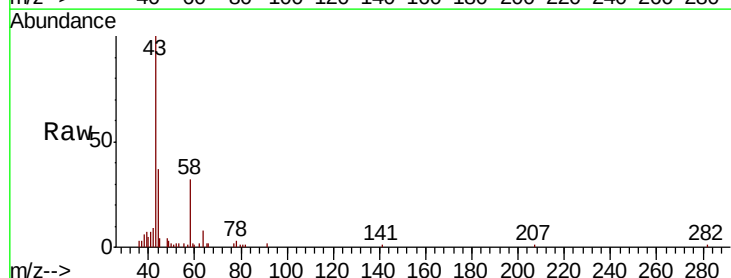
Acq: 16 Oct 2018 12:20

Tgt Ion: 43 Resp: 7170

Ion Ratio Lower Upper

43 100

58 32.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

5000

4000

3000

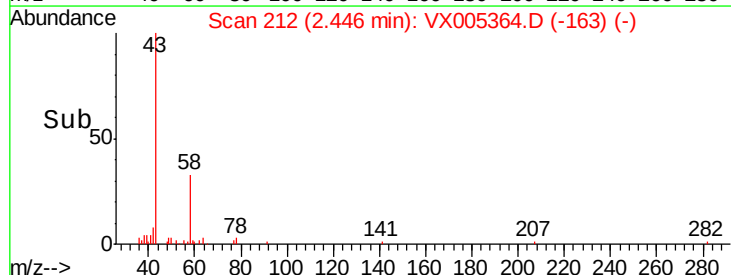
2000

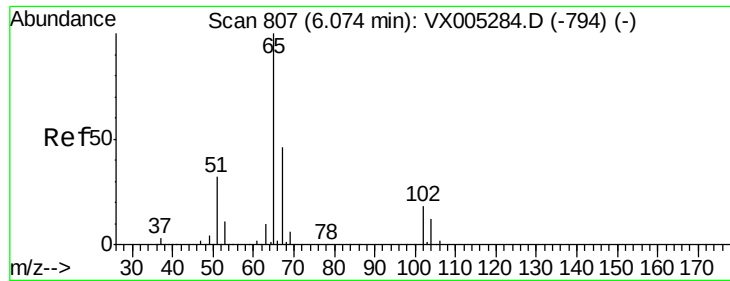
1000

0

2.30 2.40 2.50

Time-->





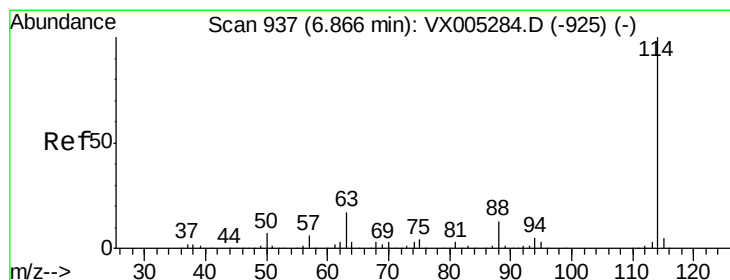
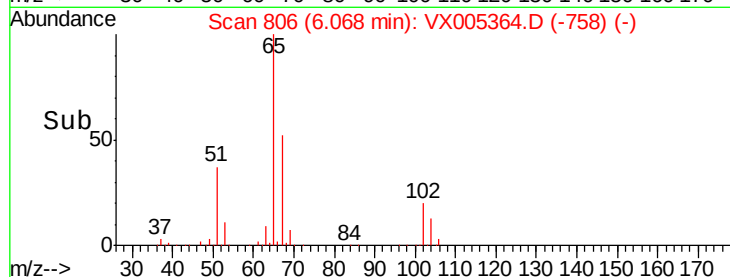
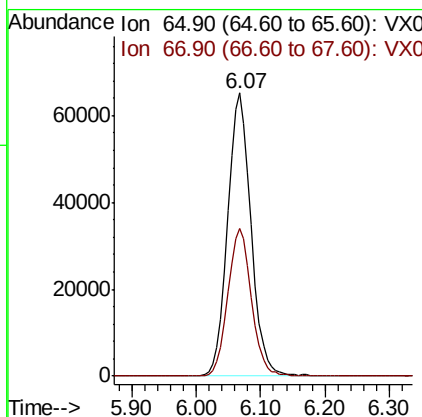
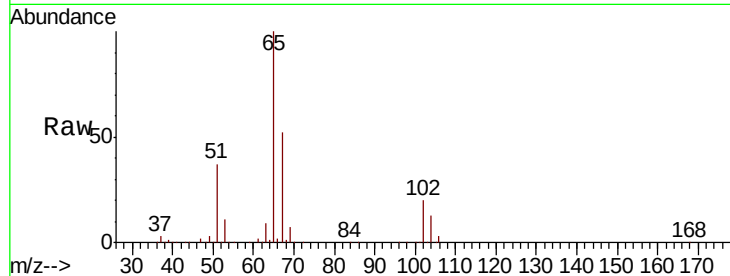
#33
 1,2-Dichloroethane-d4
 Concen: 49.654 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005364.D
 Acq: 16 Oct 2018 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BS-DRUM

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.8

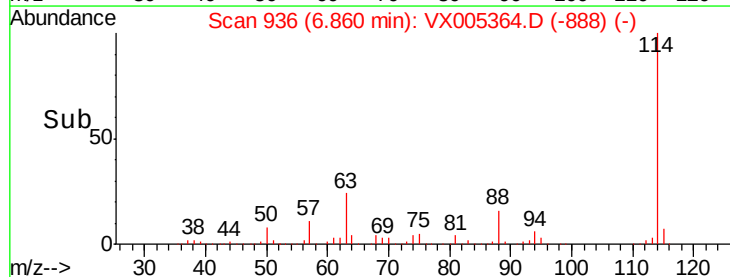
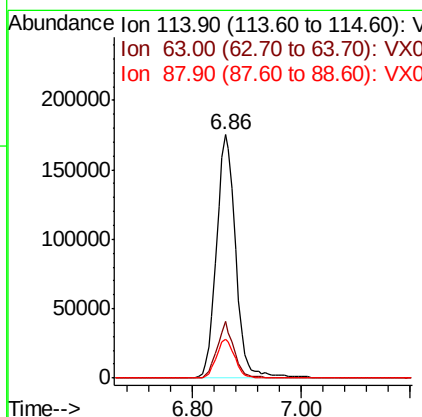
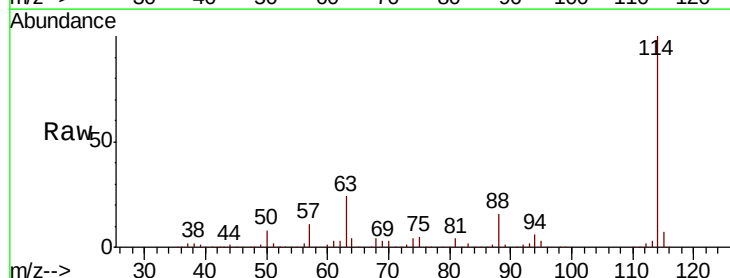
Manual Integrations
 APPROVED

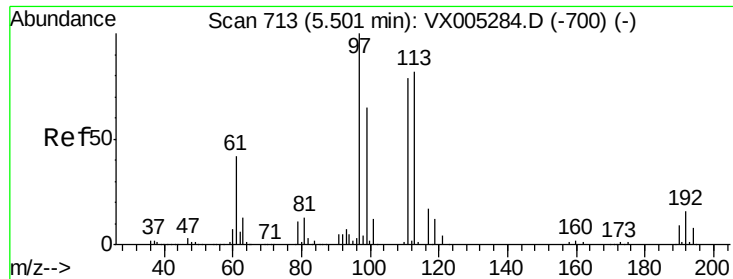
MMDadoda
 10/17/2018 9:34:46 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005364.D
 Acq: 16 Oct 2018 12:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	39.0
88	16.1	0.0	30.4





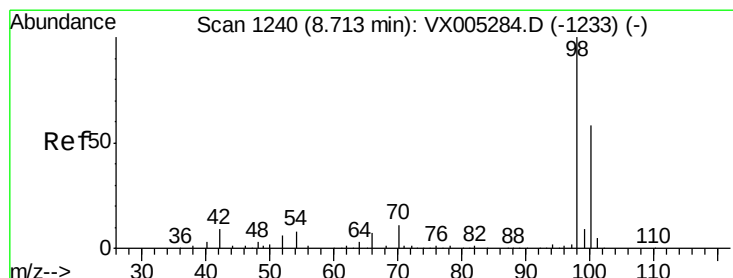
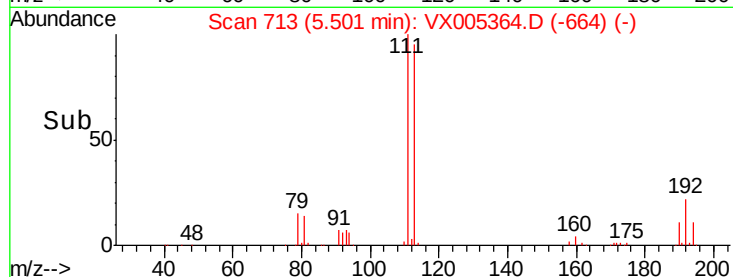
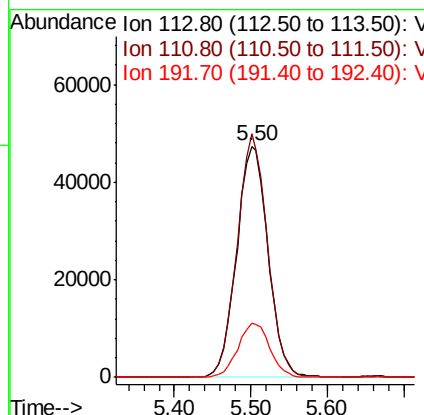
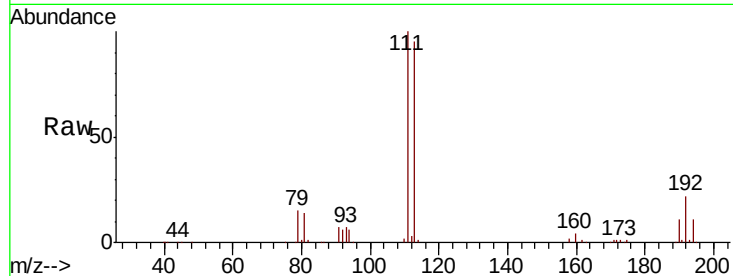
#35
Dibromofluoromethane
Concen: 47.261 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	23.8	19.4	29.2

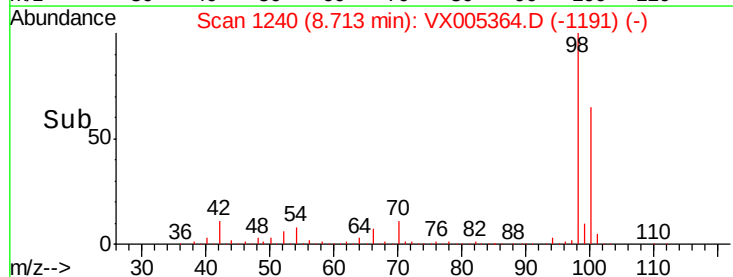
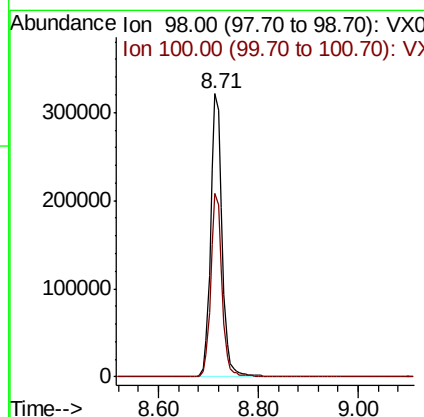
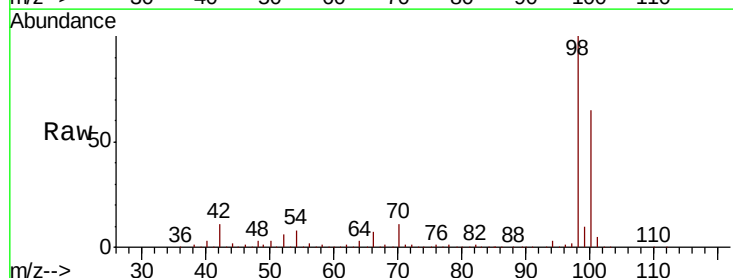
Manual Integrations
APPROVED

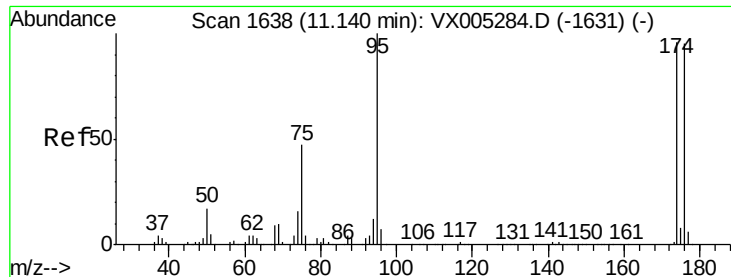
MMDadoda
10/17/2018 9:34:46 AM



#50
Toluene-d8
Concen: 52.681 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.9	79.3





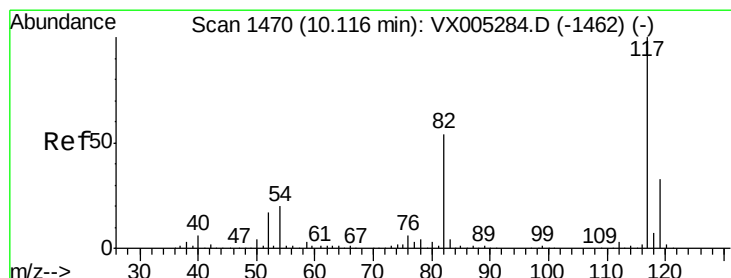
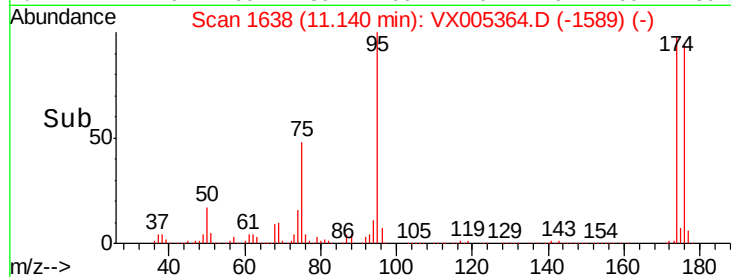
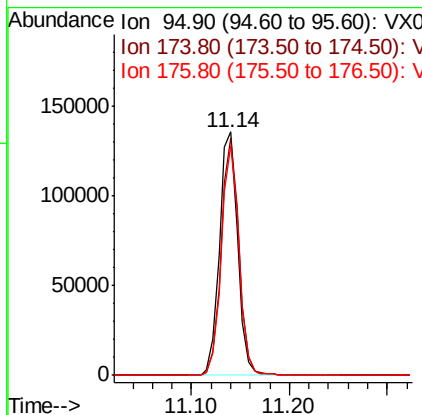
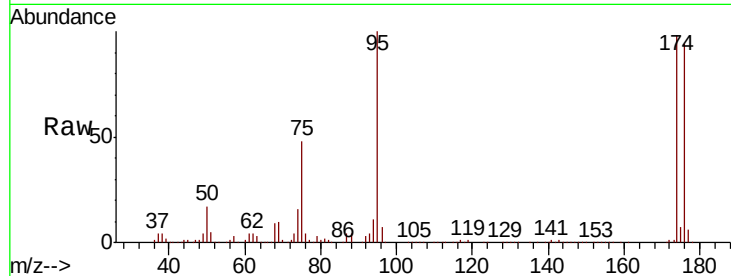
#62
4-Bromofluorobenzene
Concen: 47.651 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tot Ion	Ratio	Resp	Lower	Upper
95	100	175240		
174	94.8	0.0	185.2	
176	91.3	0.0	178.6	

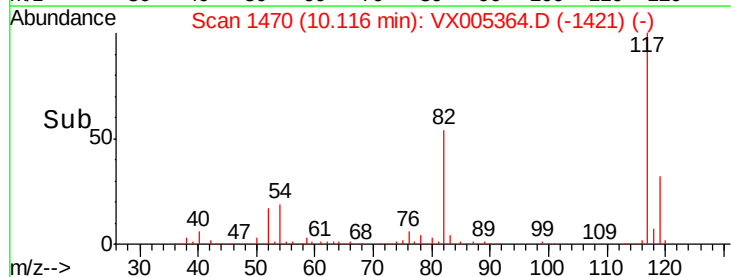
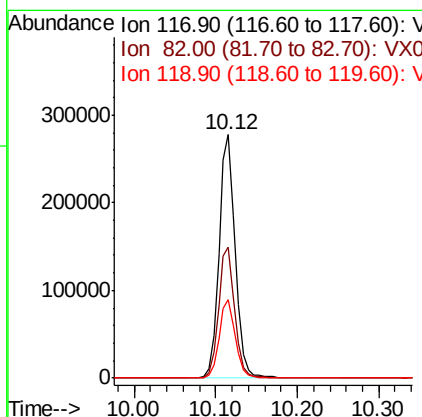
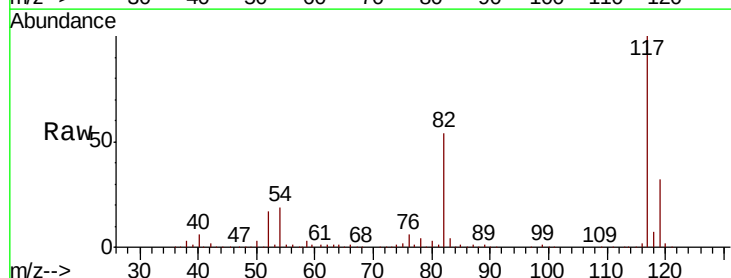
Manual Integrations
APPROVED

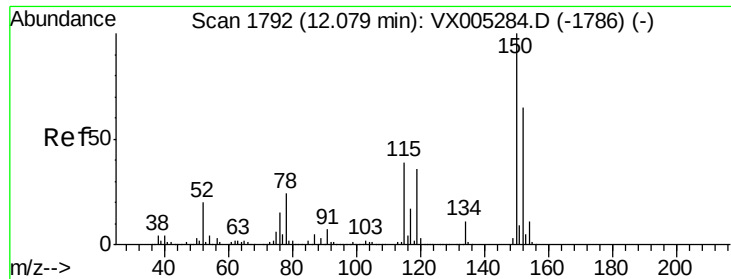
MMDadoda
10/17/2018 9:34:46 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	385098		
82	53.6	47.8	71.6	
119	32.4	29.3	43.9	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005364.D

Acq: 16 Oct 2018 12:20

Instrument :

MSVOA_X

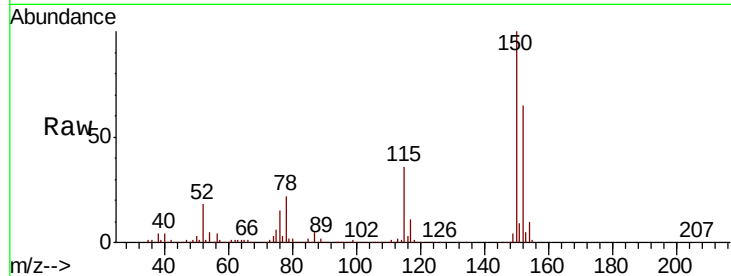
ClientSampleId :

BS-DRUM

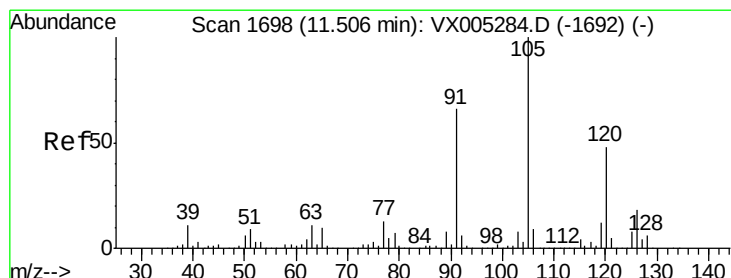
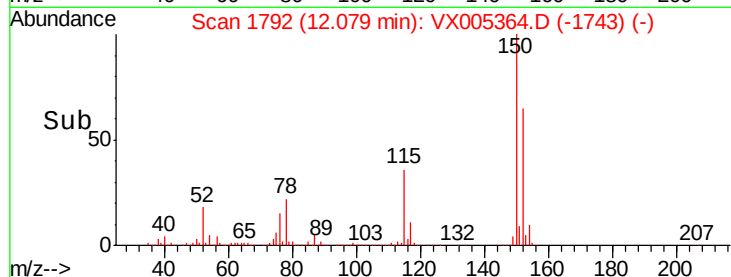
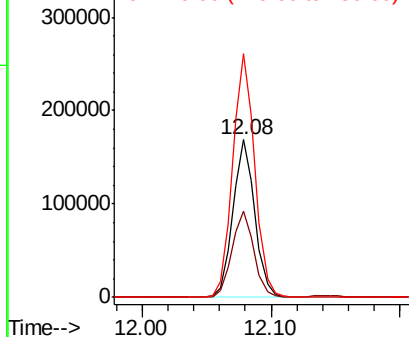
Tot Ion:	152	Resp:	199551
Ion Ratio	Lower	Upper	
152	100		
115	55.0	39.0	117.0
150	156.4	0.0	351.0

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:34:46 AM



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



#80

1,3,5-Trimethylbenzene

Concen: 2.474 ug/l

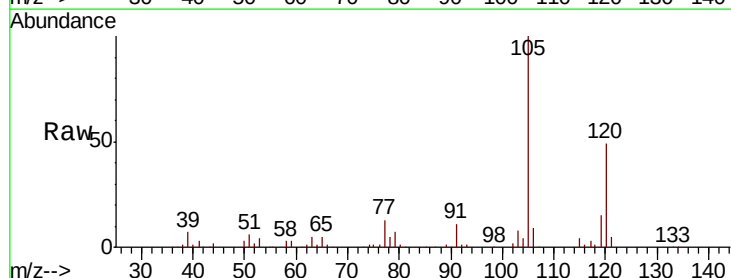
RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

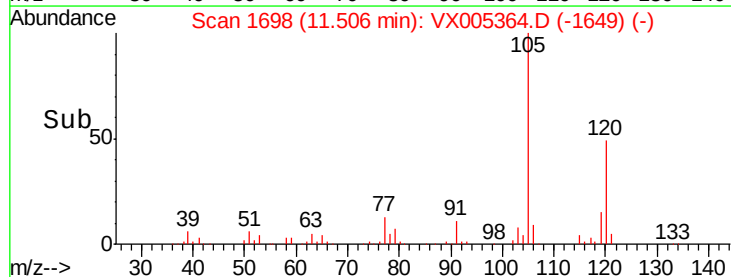
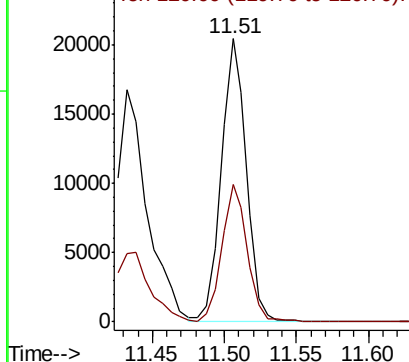
Lab File: VX005364.D

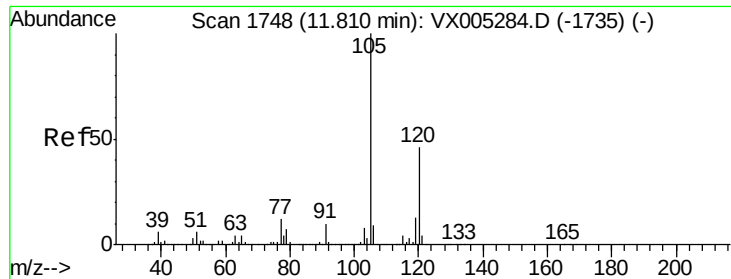
Acq: 16 Oct 2018 12:20

Tgt Ion:	105	Resp:	25136
Ion Ratio	Lower	Upper	
105	100		
120	48.9	25.6	76.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





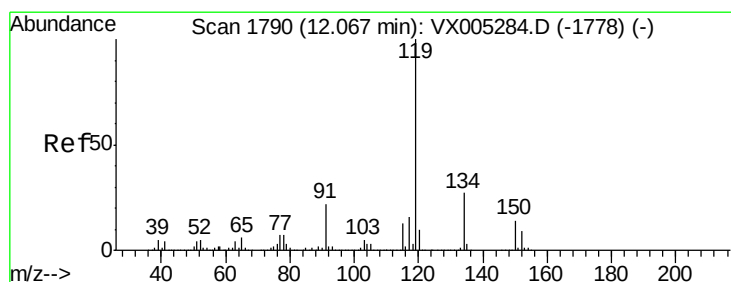
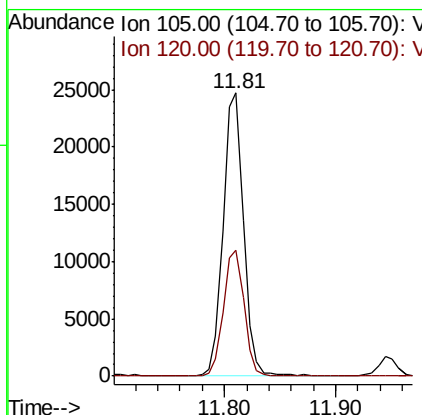
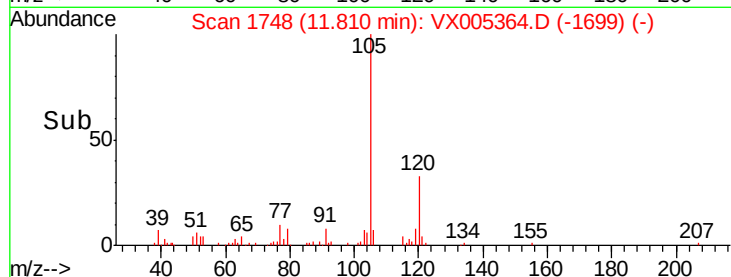
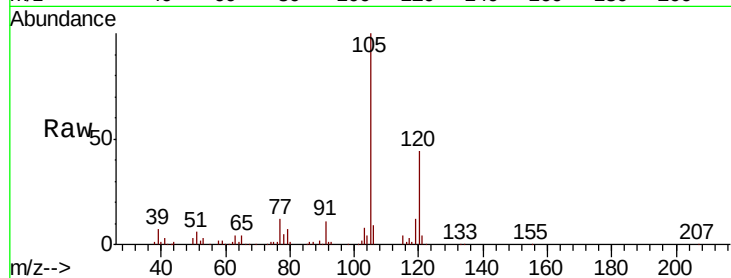
#84
 1,2,4-Trimethylbenzene
 Concen: 2.999 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005364.D
 Acq: 16 Oct 2018 12:20

Instrument :
 MSVOA_X
 ClientSampled :
 BS-DRUM

Tot Ion:105 Resp: 31349
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.2 69.6

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:34:46 AM



#86
 p-Isopropyltoluene
 Concen: 0.237 ug/l m
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005364.D
 Acq: 16 Oct 2018 12:20

Tgt Ion:119 Resp: 2613
 Ion Ratio Lower Upper
 119 100
 134 93.5 13.4 40.2#
 91 69.8 10.9 32.7#

