

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005605.D
 Acq On : 26 Oct 2018 15:23
 Operator : JC/MD
 Sample : J5515-01
 Misc : 6.14g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NON-UST-1A

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:43:19 PM

Quant Time: Oct 27 05:24:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	233899	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	323767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142216	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
35) Dibromofluoromethane	5.50	113	109339	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	8.71	98	389352	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.14	95	142354	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
Target Compounds						
39) Methylcyclohexane	7.45	83	3579	1.032	ug/l	98
73) Isopropylbenzene	11.02	105	7680	0.805	ug/l	98
78) n-propylbenzene	11.36	91	14413	1.322	ug/l	98
85) sec-Butylbenzene	11.95	105	16246	1.674	ug/l	84
89) n-Butylbenzene	12.39	91	15754m	2.012	ug/l	

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

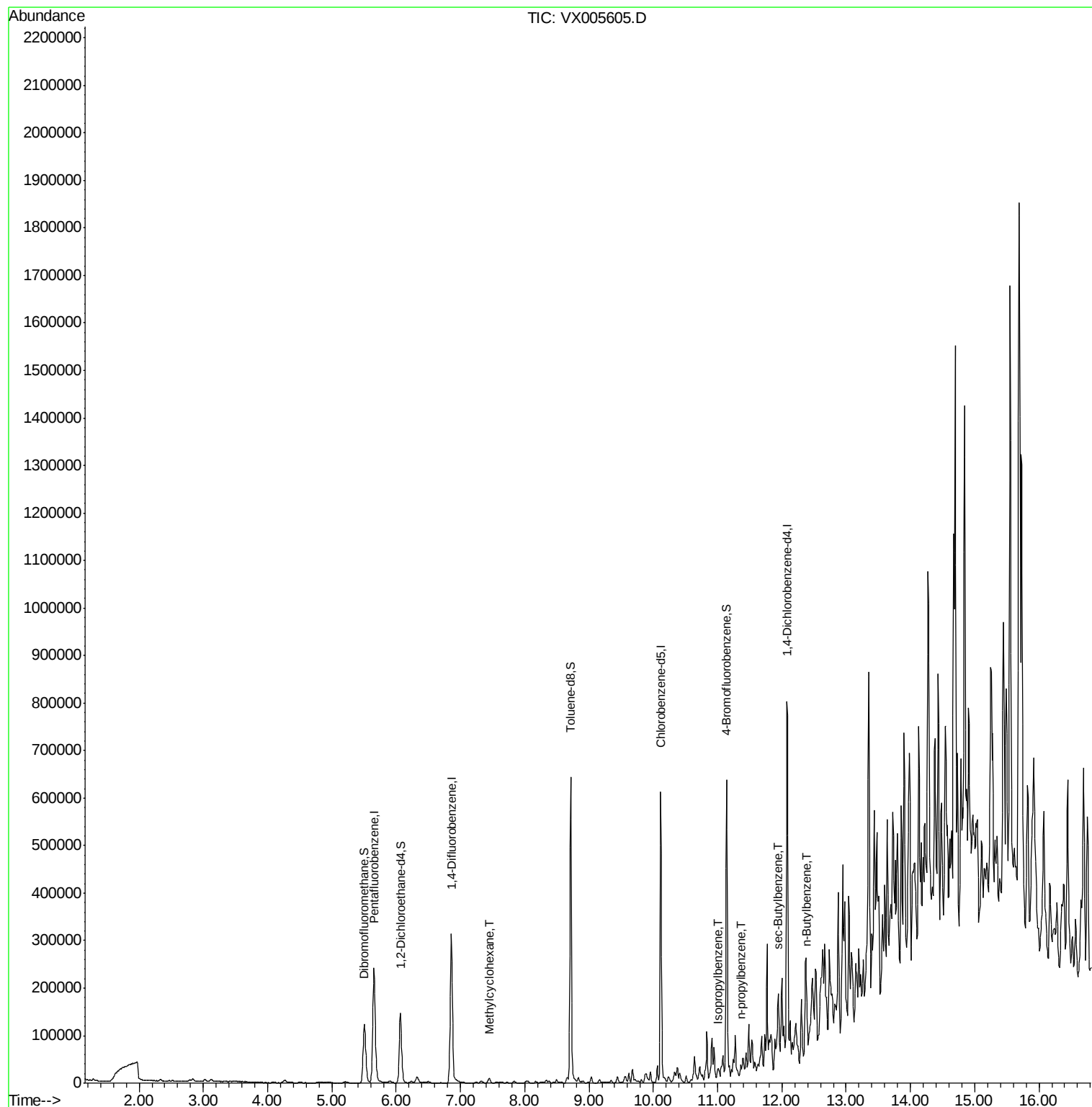
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
Data File : VX005605.D
Acq On : 26 Oct 2018 15:23
Operator : JC/MD
Sample : J5515-01
Misc : 6.14g/10ml/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

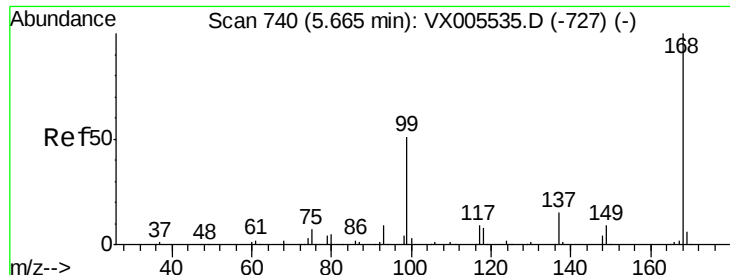
Instrument :
MSVOA_X
ClientSampleId :
NON-UST-1A

Manual Integrations
APPROVED

MMDadoda
10/29/2018 12:43:19 PM

Quant Time: Oct 27 05:24:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

NON-UST-1A

Tot Ion:168 Resp: 233899

Ion Ratio Lower Upper

168 100

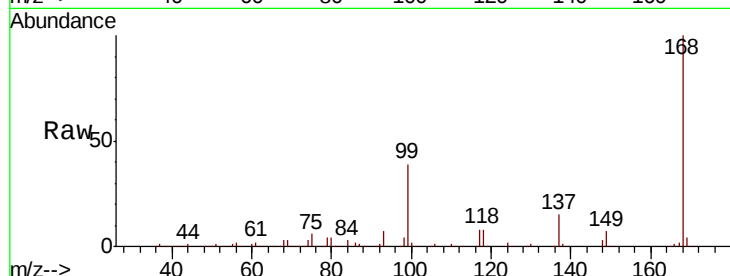
99 38.6 40.7 61.1#

Manual Integrations

APPROVED

MMDadoda

10/29/2018 12:43:19 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

60000

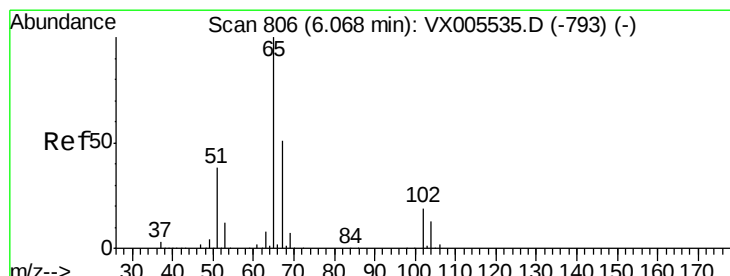
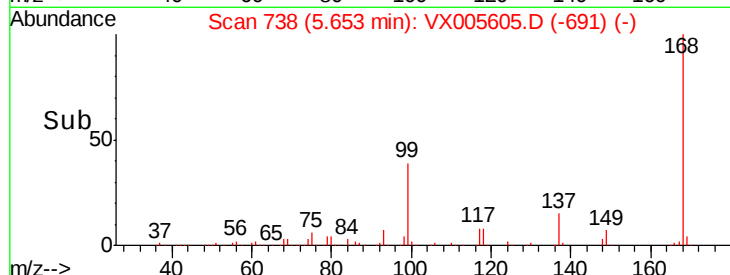
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.810 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005605.D

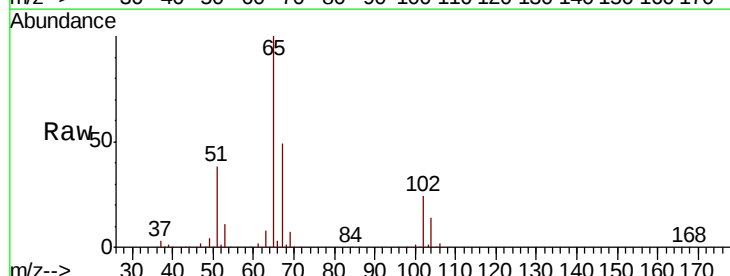
Acq: 26 Oct 2018 15:23

Tgt Ion: 65 Resp: 142216

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

30000

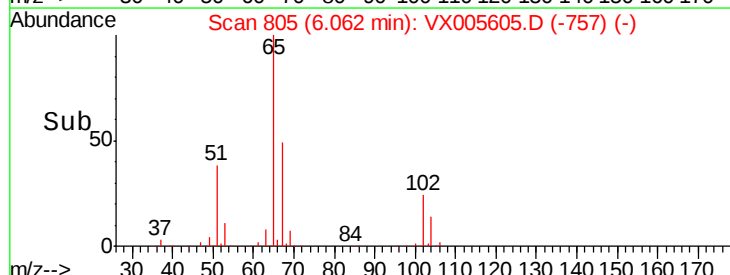
20000

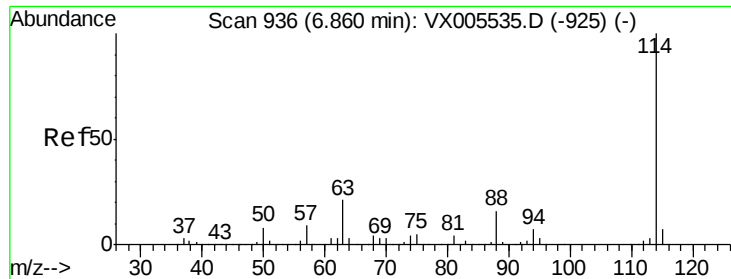
10000

0

Time-->

6.00 6.10 6.20





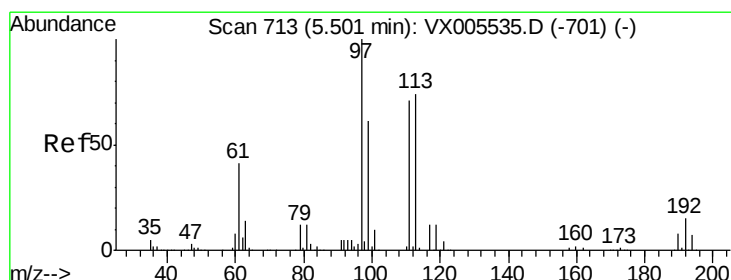
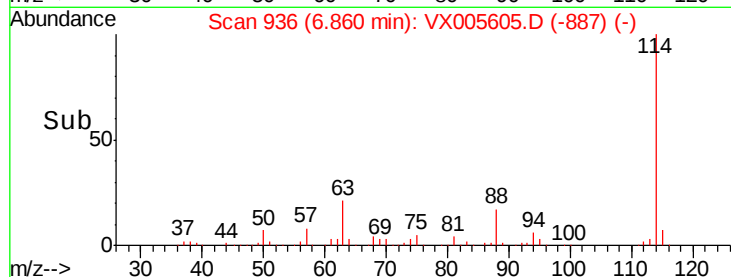
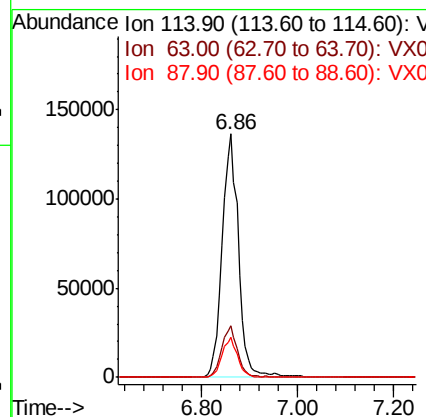
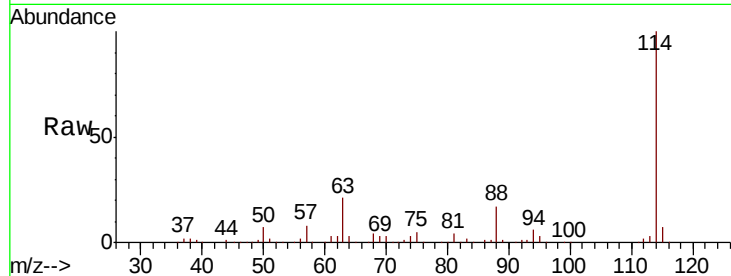
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005605.D
 Acq: 26 Oct 2018 15:23

Instrument :
 MSVOA_X
 ClientSampleId :
 NON-UST-1A

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.0	0.0	42.8
88	16.6	0.0	31.2

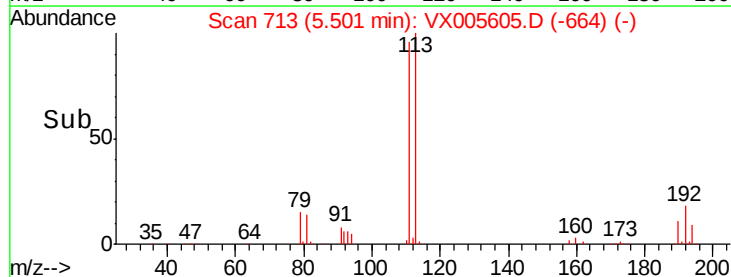
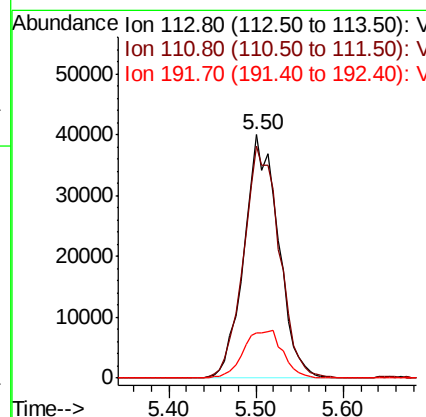
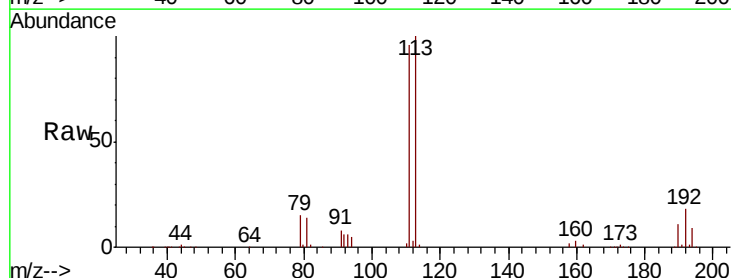
Manual Integrations
 APPROVED

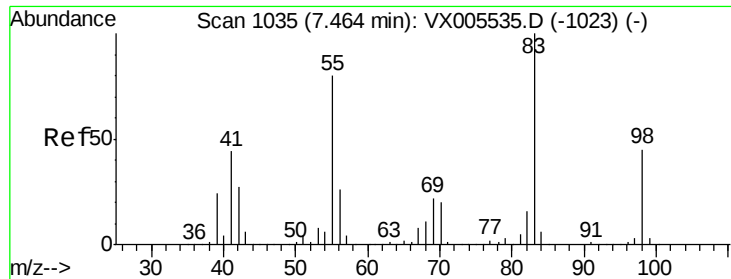
MMDadoda
 10/29/2018 12:43:19 PM



#35
 Dibromofluoromethane
 Concen: 49.875 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005605.D
 Acq: 26 Oct 2018 15:23

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	99.4	82.3	123.5
192	22.3	17.9	26.9





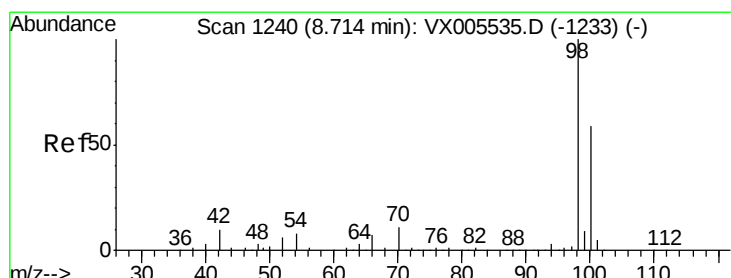
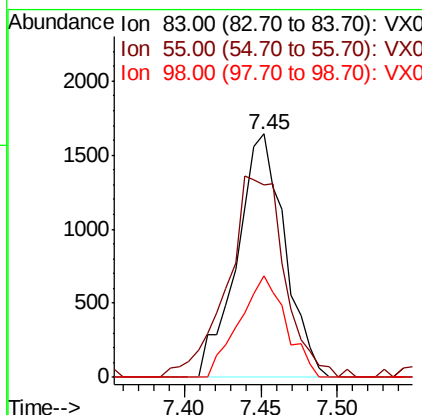
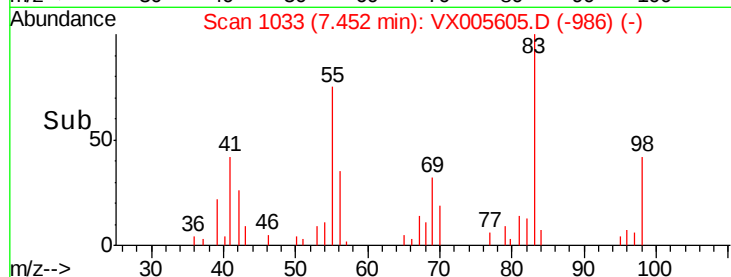
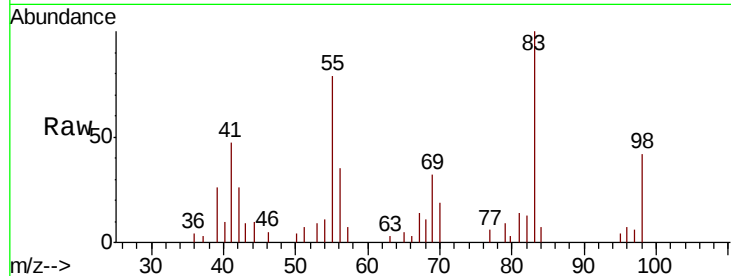
#39
Methvlcvclohexane
Concen: 1.032 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

Instrument :
MSVOA_X
ClientSampleId :
NON-UST-1A

Tot Ion	83	Resp	3579
Ion	Ratio	Lower	Upper
83	100		
55	79.0	63.7	95.5
98	41.6	36.2	54.2

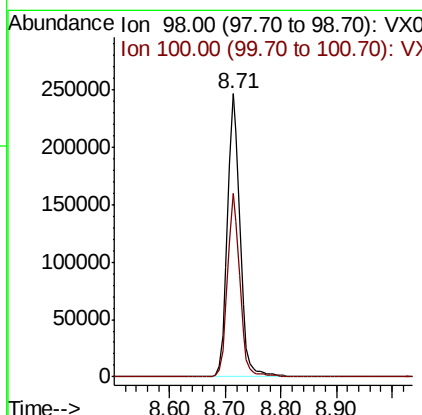
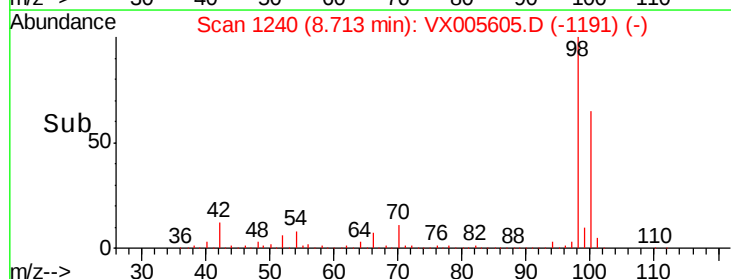
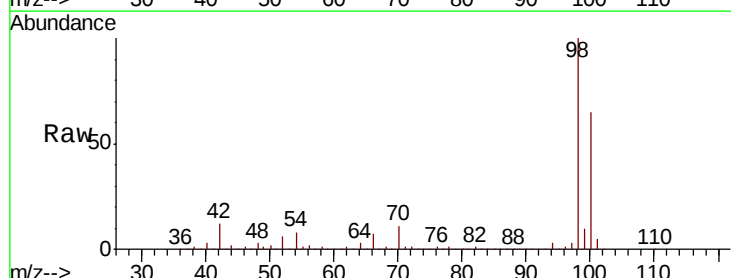
Manual Integrations
APPROVED

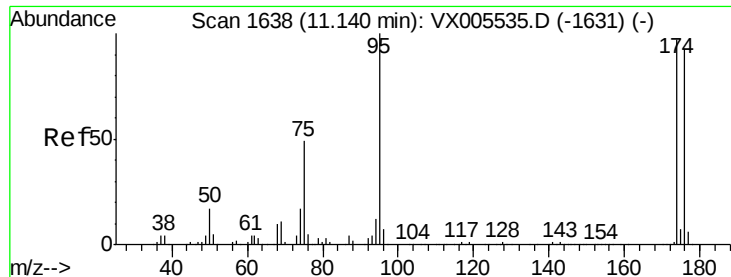
MMDadoda
10/29/2018 12:43:19 PM



#50
Toluene-d8
Concen: 49.427 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

Tgt Ion	98	Resp	389352
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.3	76.9





#62

4-Bromofluorobenzene

Concen: 47.853 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

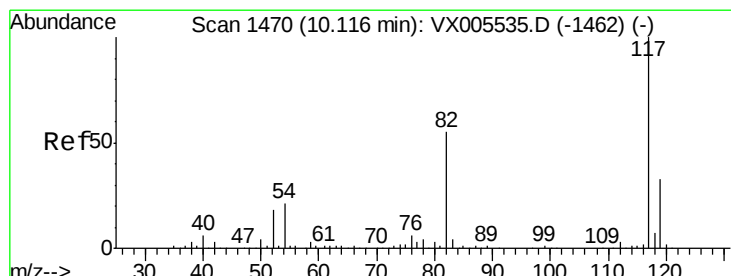
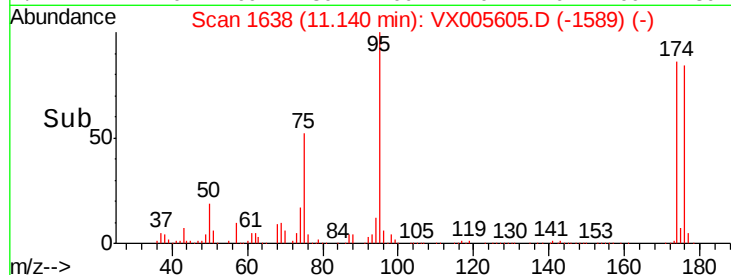
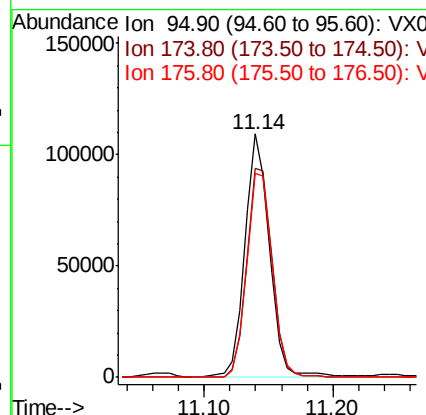
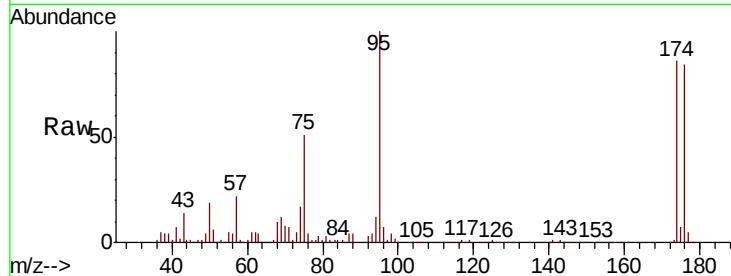
ClientSampleId :

NON-UST-1A

Tot Ion:	95	Resp:	142354
Ion Ratio	Lower	Upper	
95	100		
174	89.8	0.0	184.4
176	87.7	0.0	177.4

Manual Integrations
APPROVED

MMDadoda
10/29/2018 12:43:19 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

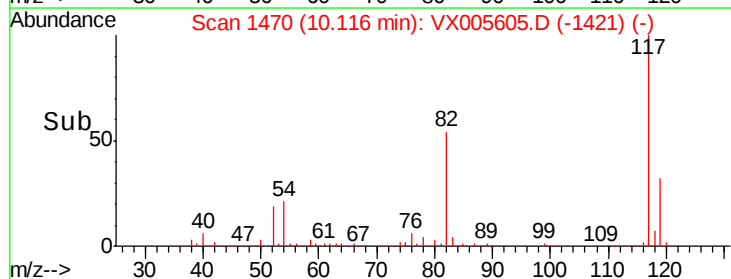
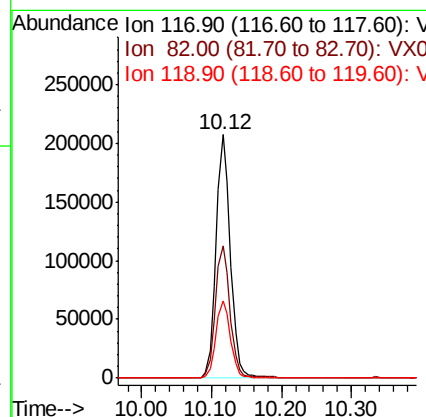
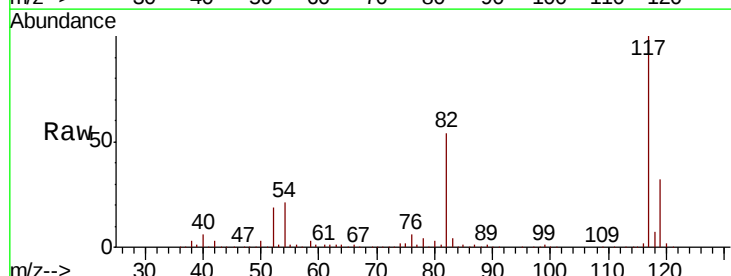
RT: 10.12 min Scan# 1470

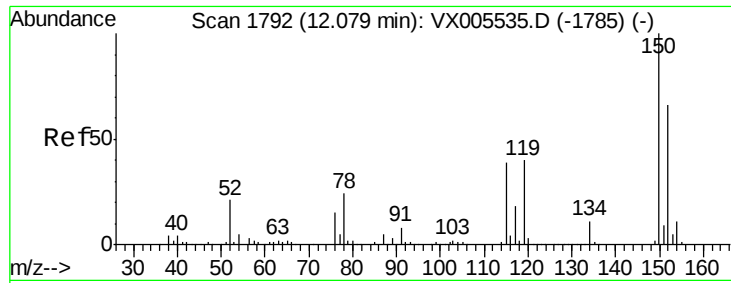
Delta R.T. -0.00 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Tgt Ion:	117	Resp:	294488
Ion Ratio	Lower	Upper	
117	100		
82	54.1	44.1	66.1
119	31.7	26.2	39.2





#72

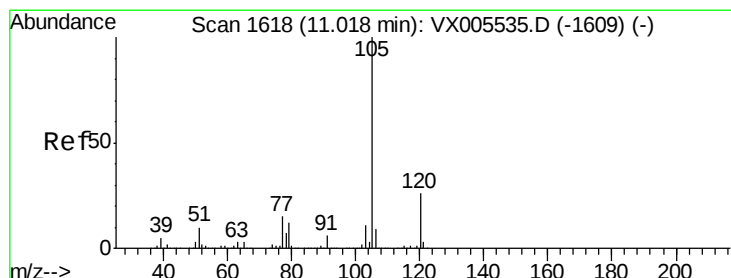
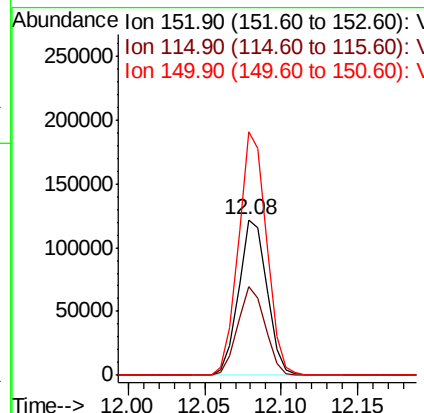
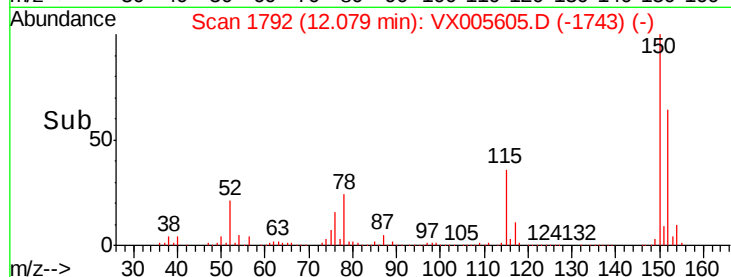
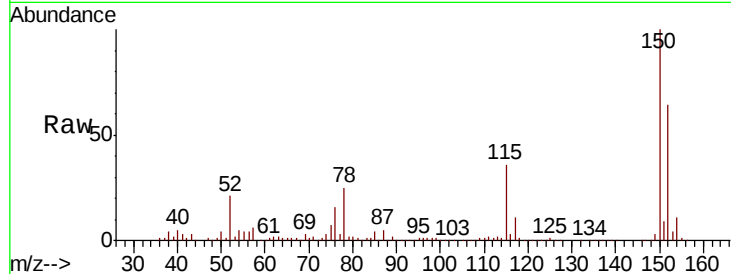
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

Instrument :
MSVOA_X
ClientSampleId :
NON-UST-1A

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.4	118.1
150	155.8	0.0	346.4

Manual Integrations
APPROVED

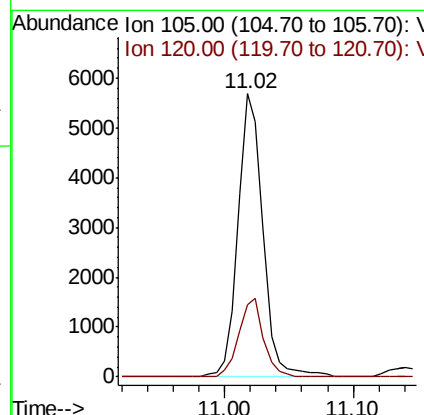
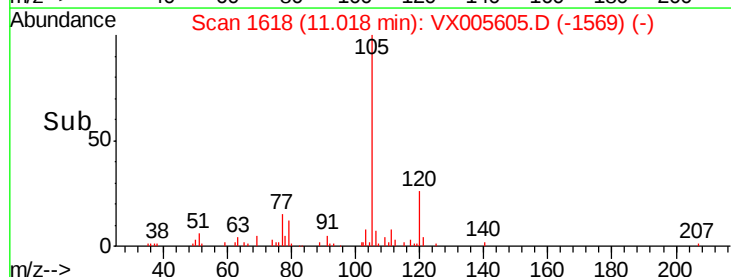
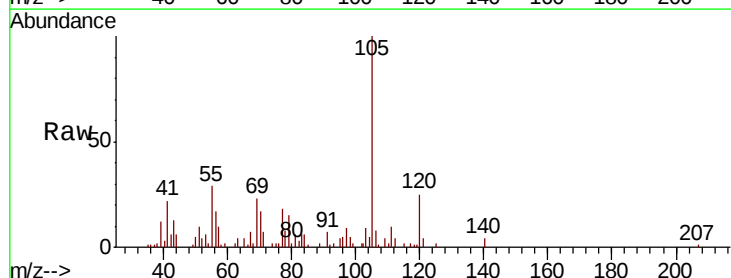
MMDadoda
10/29/2018 12:43:19 PM

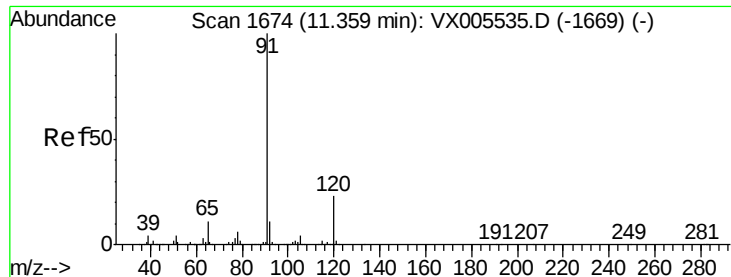


#73

Isopropylbenzene
Concen: 0.805 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.1	39.3





#78

n-propylbenzene

Concen: 1.322 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005605.D

Acq: 26 Oct 2018 15:23

Instrument :

MSVOA_X

ClientSampleId :

NON-UST-1A

Tot Ion: 91 Resp: 14413

Ion Ratio Lower Upper

91 100

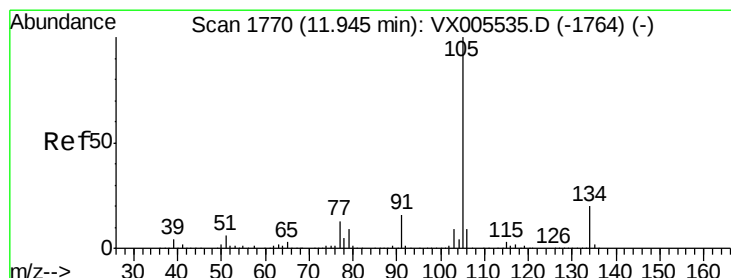
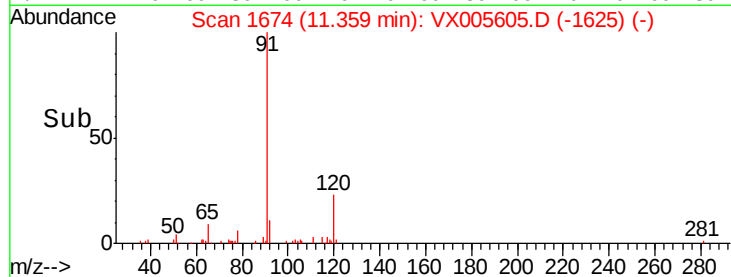
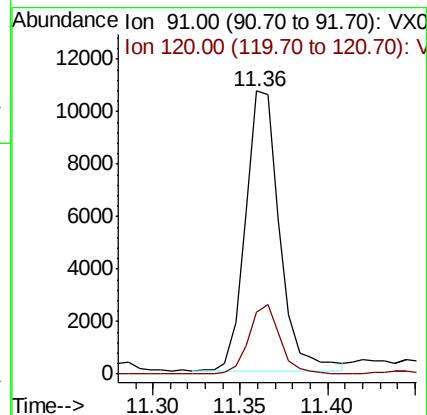
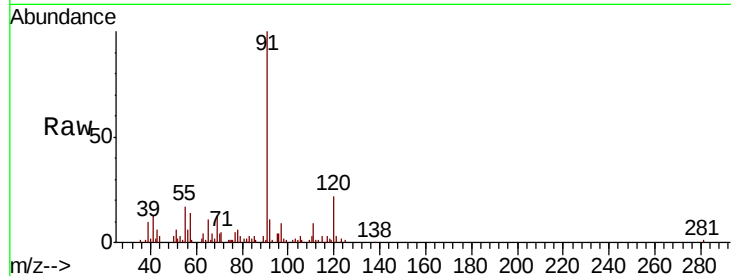
120 22.7 11.9 35.5

Manual Integrations

APPROVED

MMDadoda

10/29/2018 12:43:19 PM



#85

sec-Butylbenzene

Concen: 1.674 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005605.D

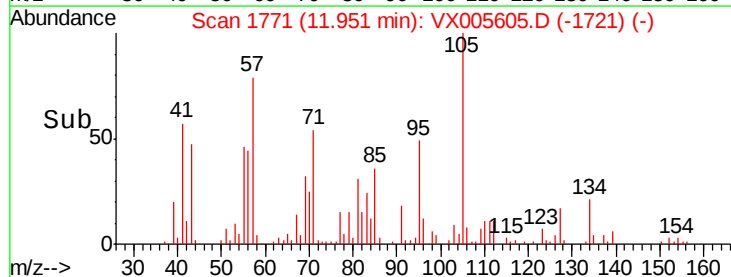
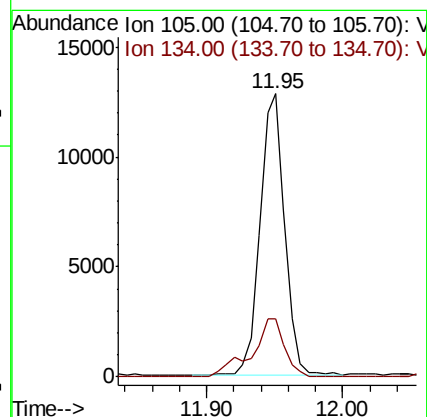
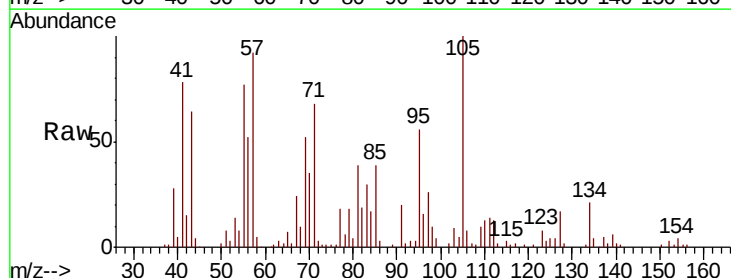
Acq: 26 Oct 2018 15:23

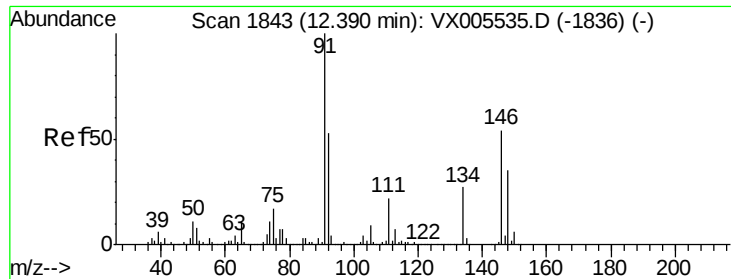
Tgt Ion: 105 Resp: 16246

Ion Ratio Lower Upper

105 100

134 27.5 10.2 30.4





#89
n-Butylbenzene
Concen: 2.012 ug/l m
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005605.D
Acq: 26 Oct 2018 15:23

Instrument :
MSVOA_X
ClientSampleId :
NON-UST-1A

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	26.1	78.2
134	48.8	13.1	39.3

Manual Integrations
APPROVED

MMDadoda
10/29/2018 12:43:19 PM

