

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006796.D
 Acq On : 24 Dec 2018 15:44
 Operator : JC/MD
 Sample : J6426-19ME
 Misc : 4.02g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS020-0002-01ME

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 9:57:37 AM

Quant Time: Dec 26 10:15:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	598559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	892327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	813535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	449082	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	309257	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
35) Dibromofluoromethane	5.51	113	243305	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	
50) Toluene-d8	8.71	98	1039734	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.14	95	386327	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
Target Compounds						
69) o-Xylene	10.70	106	54551	4.978	ug/l	96
73) Isopropylbenzene	11.02	105	141779	4.615	ug/l	98
78) n-propylbenzene	11.36	91	709222	20.963	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	3519864	139.097	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	11714997	440.137	ug/l	89
85) sec-Butylbenzene	11.94	105	179766m	5.789	ug/l	
86) p-Isopropyltoluene	12.07	119	111678m	4.091	ug/l	
95) Naphthalene	13.83	128	5373204	162.983	ug/l	98

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

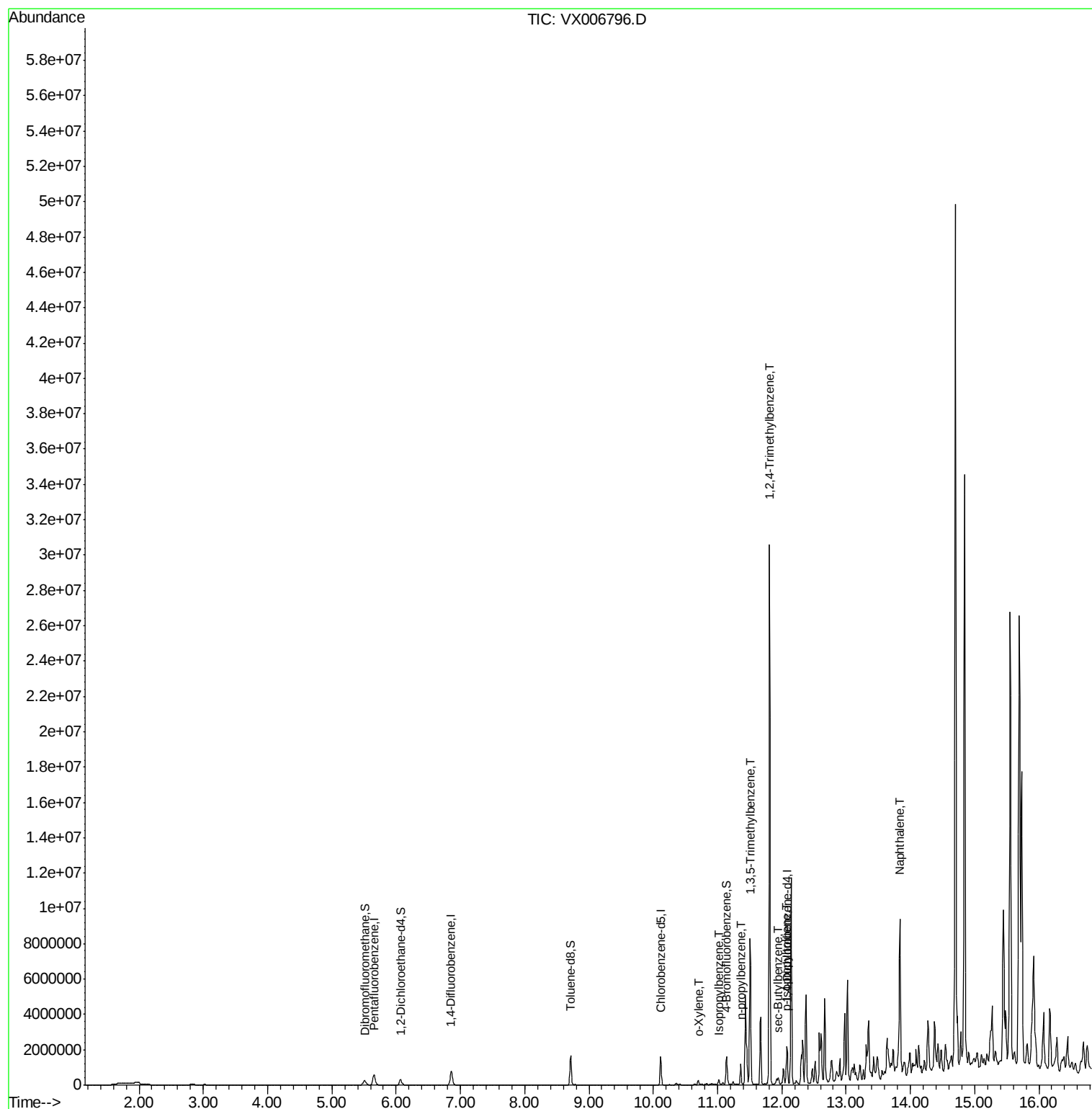
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122418\
Data File : VX006796.D
Acq On : 24 Dec 2018 15:44
Operator : JC/MD
Sample : J6426-19ME
Misc : 4.02g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

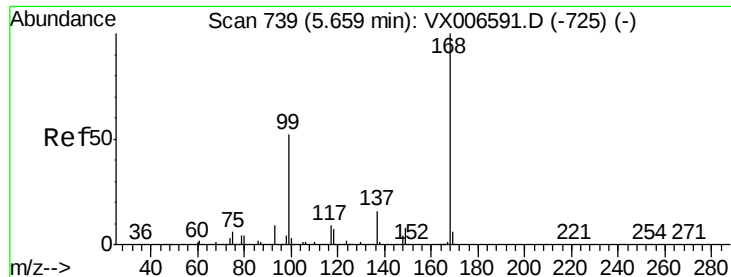
Instrument :
MSVOA_X
ClientSampleId :
P001-SS020-0002-01ME

Manual Integrations
APPROVED

MMDadoda
12/26/2018 9:57:37 AM

Quant Time: Dec 26 10:15:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

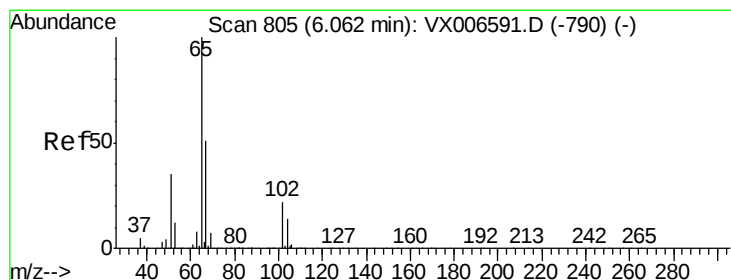
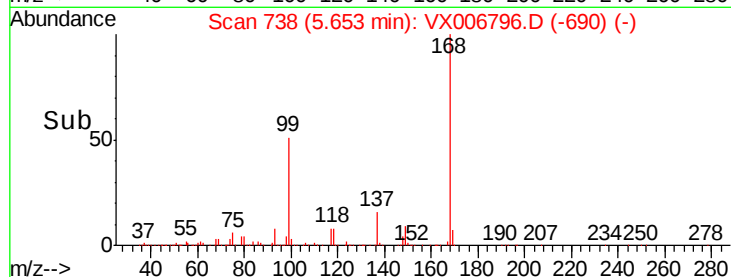
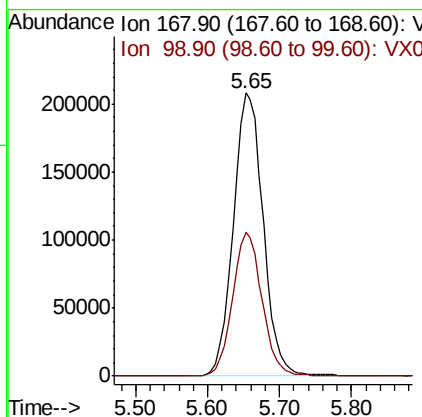
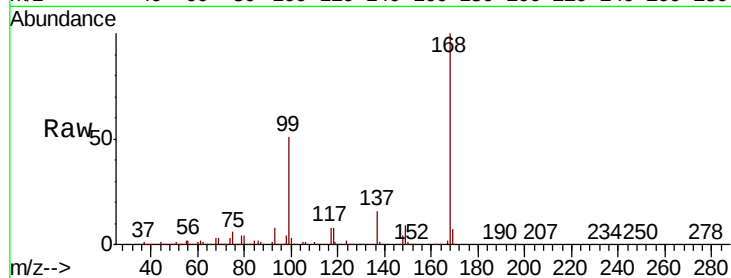
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.01 min
Lab File: VX006796.D
Acq: 24 Dec 2018 15:44

Instrument :
MSVOA_X
ClientSampleId :
P001-SS020-0002-01ME

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.9	41.8	62.8

Manual Integrations
APPROVED

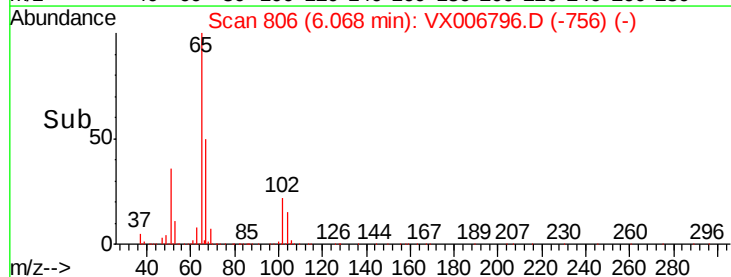
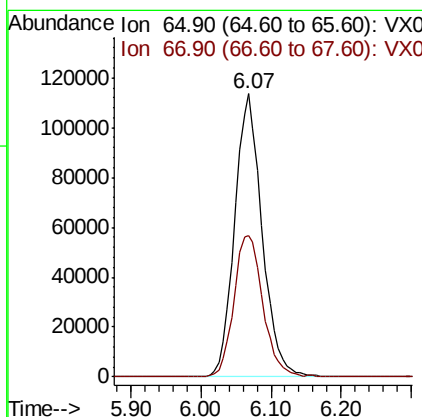
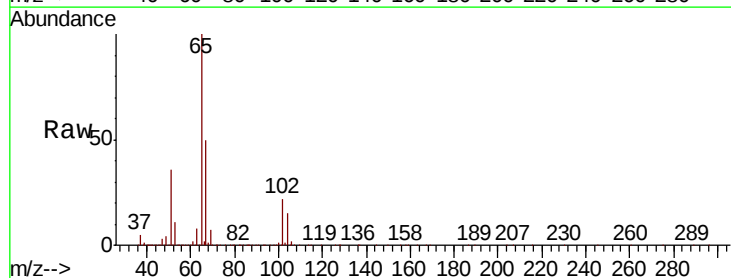
MMDadoda
12/26/2018 9:57:37 AM

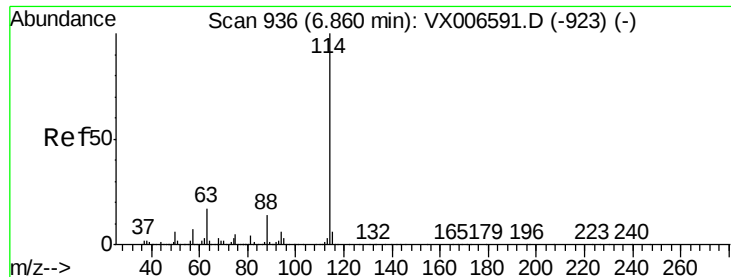


#33

1,2-Dichloroethane-d4
Concen: 47.939 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006796.D
Acq: 24 Dec 2018 15:44

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX006796.D

Acq: 24 Dec 2018 15:44

Instrument :

MSVOA_X

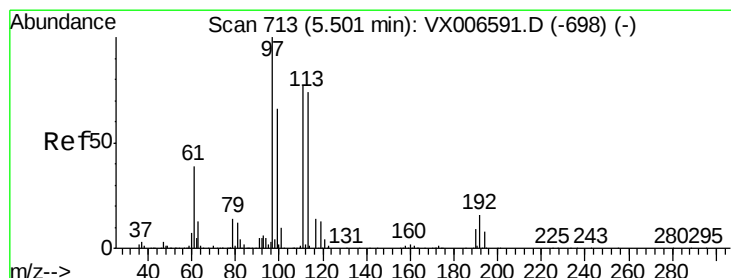
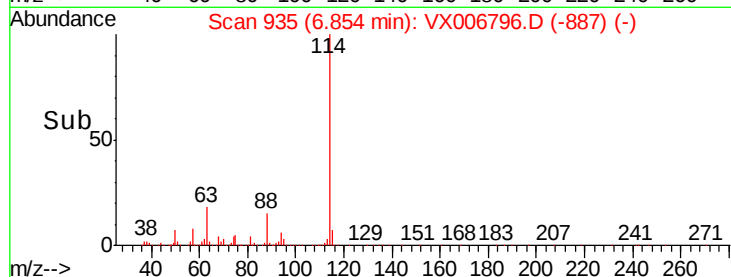
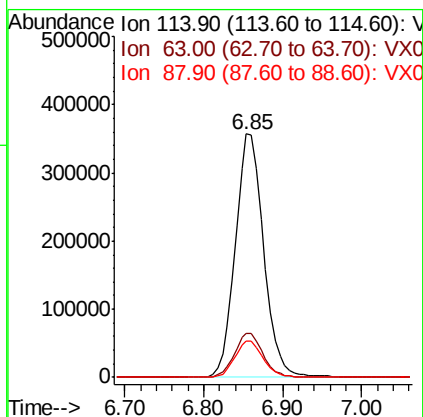
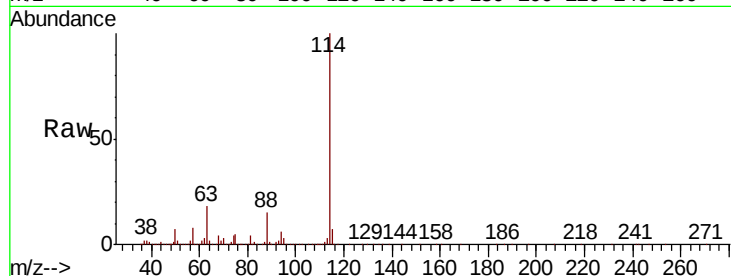
ClientSampleId :

P001-SS020-0002-01ME

Tot Ion:	114	Resp:	892327
Ion Ratio	Lower	Upper	
114	100		
63	17.8	0.0	34.8
88	14.9	0.0	28.8

Manual Integrations
APPROVED

MMDadoda
12/26/2018 9:57:37 AM



#35

Dibromofluoromethane

Concen: 43.117 ug/l

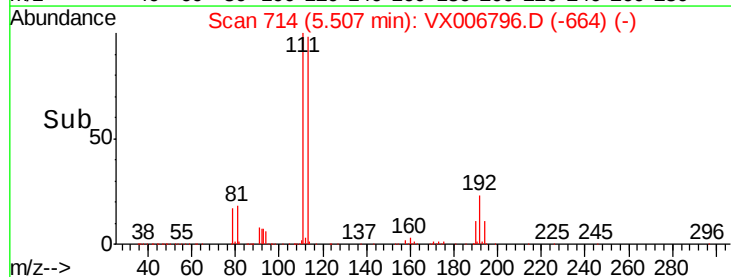
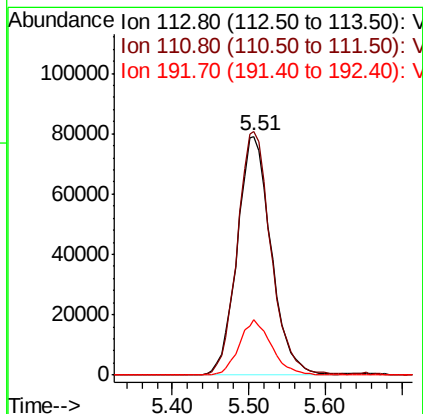
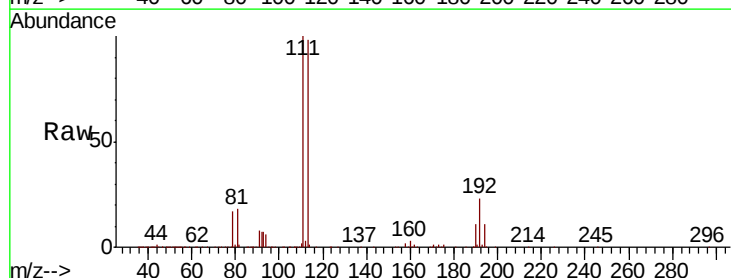
RT: 5.51 min Scan# 714

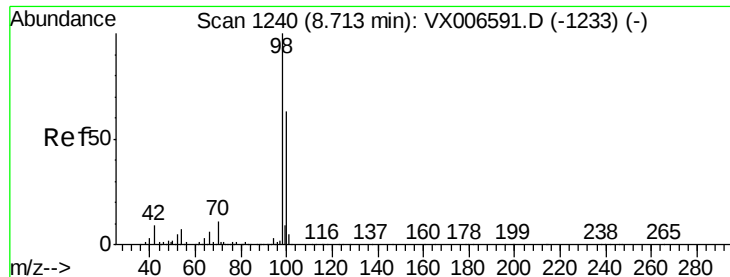
Delta R.T. 0.01 min

Lab File: VX006796.D

Acq: 24 Dec 2018 15:44

Tgt Ion:	113	Resp:	243305
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.6	122.4
192	22.2	16.7	25.1





#50

Toluene-d8

Concen: 48.874 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006796.D

Acq: 24 Dec 2018 15:44

Instrument :

MSVOA_X

ClientSampleId :

P001-SS020-0002-01ME

Tot Ion: 98 Resp: 1039734

Ion Ratio Lower Upper

98 100

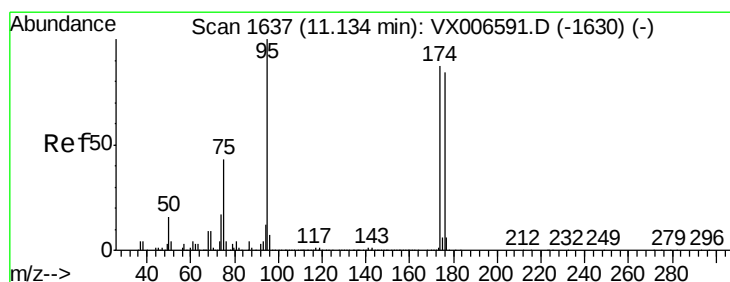
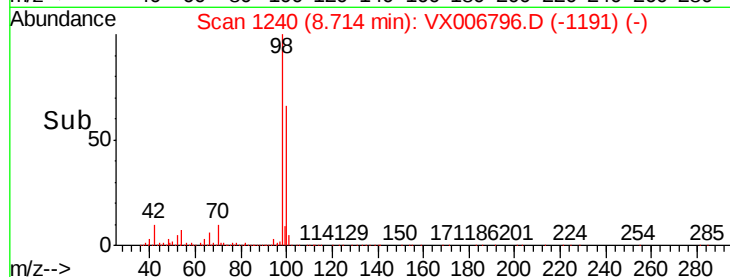
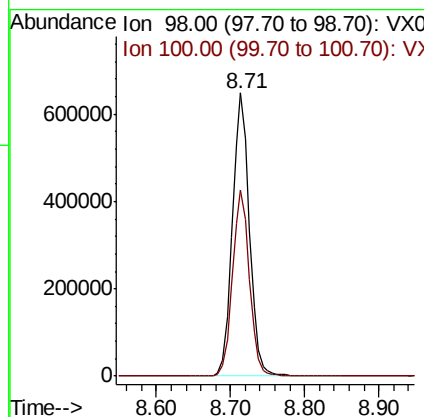
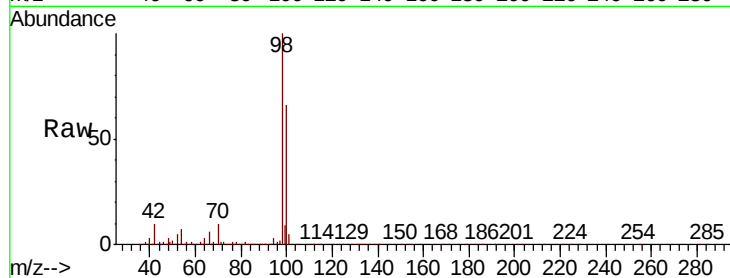
100 65.3 52.0 78.0

Manual Integrations

APPROVED

MMDadoda

12/26/2018 9:57:37 AM



#62

4-Bromofluorobenzene

Concen: 49.584 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006796.D

Acq: 24 Dec 2018 15:44

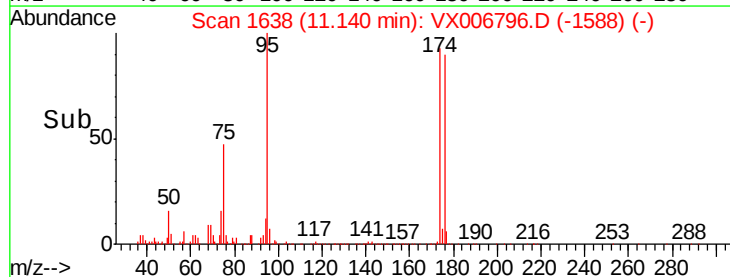
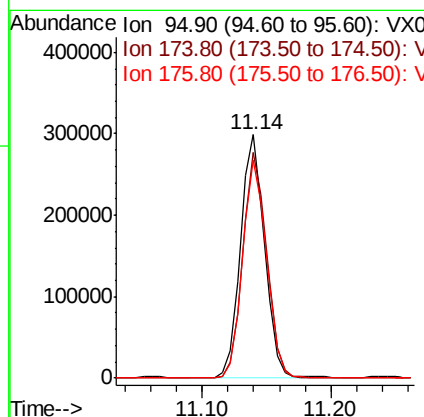
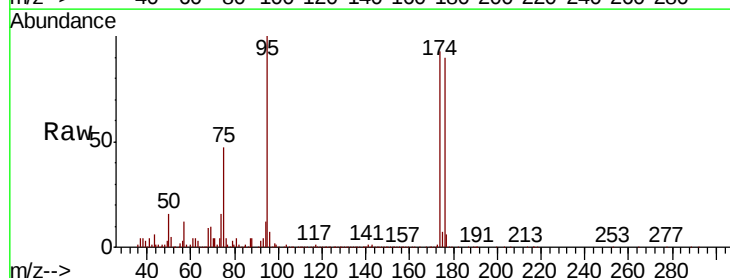
Tgt Ion: 95 Resp: 386327

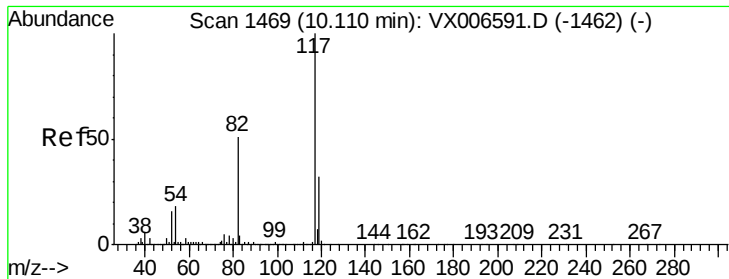
Ion Ratio Lower Upper

95 100

174 92.0 0.0 182.2

176 89.2 0.0 178.8





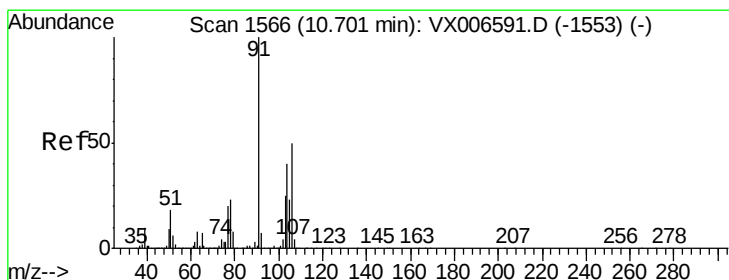
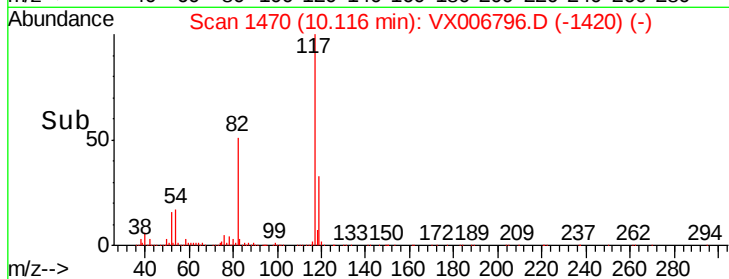
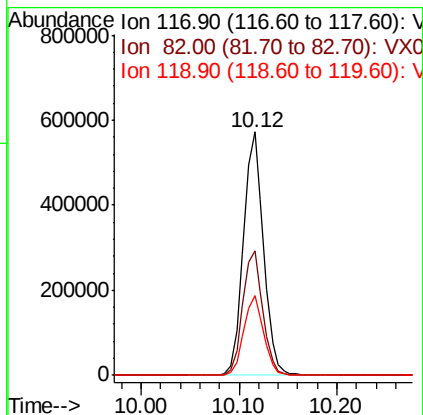
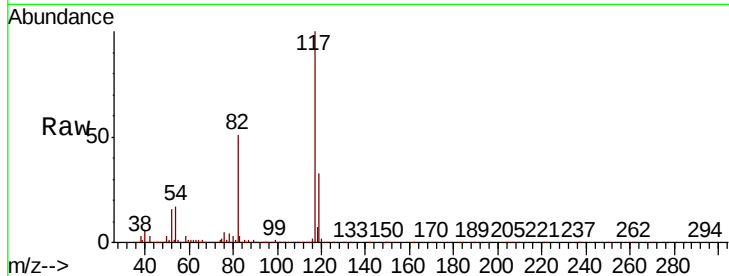
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006796.D
Acq: 24 Dec 2018 15:44

Instrument :
MSVOA_X
ClientSampleId :
P001-SS020-0002-01ME

Tot Ion	Ratio	Resp	Lower	Upper
117	100	813535		
82	51.3	41.0	61.6	
119	32.6	25.4	38.0	

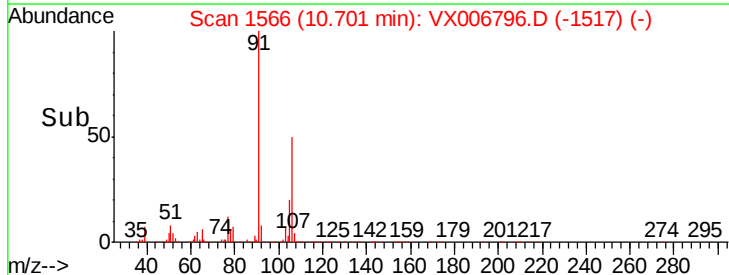
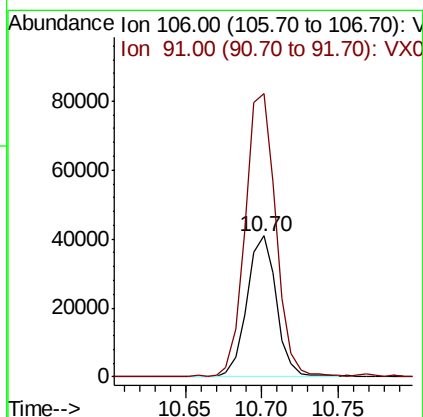
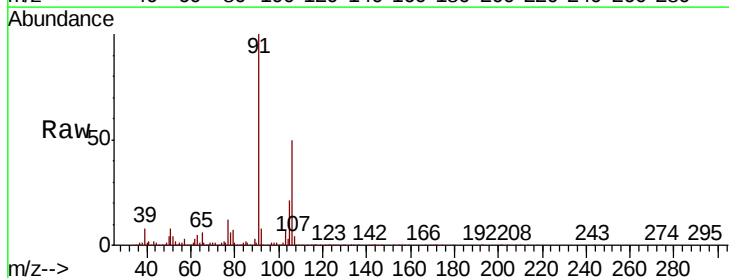
Manual Integrations
APPROVED

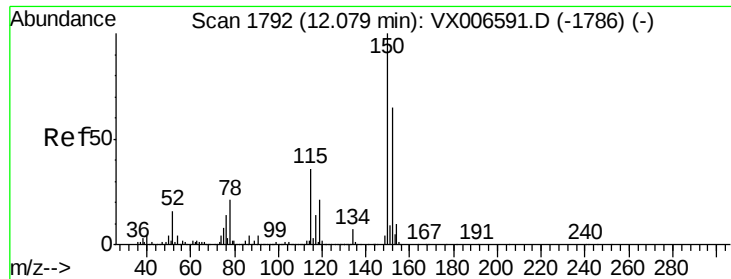
MMDadoda
12/26/2018 9:57:37 AM



#69
o-Xylene
Concen: 4.978 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006796.D
Acq: 24 Dec 2018 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	54551		
91	208.6	101.3	303.7	





#72

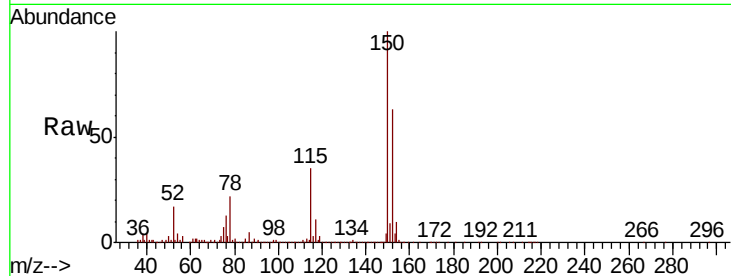
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006796.D
Acq: 24 Dec 2018 15:44

Instrument :
MSVOA_X
ClientSampleId :
P001-SS020-0002-01ME

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.1	117.2
150	156.8	0.0	344.8

Manual Integrations
APPROVED

MMDadoda
12/26/2018 9:57:37 AM

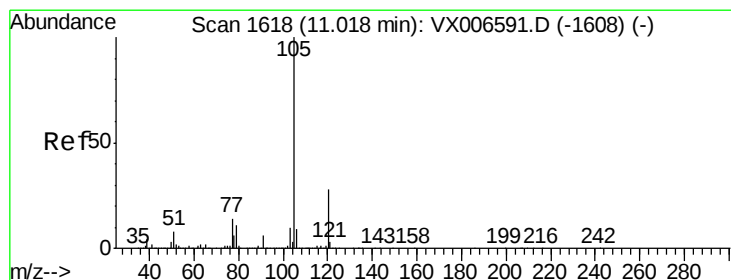
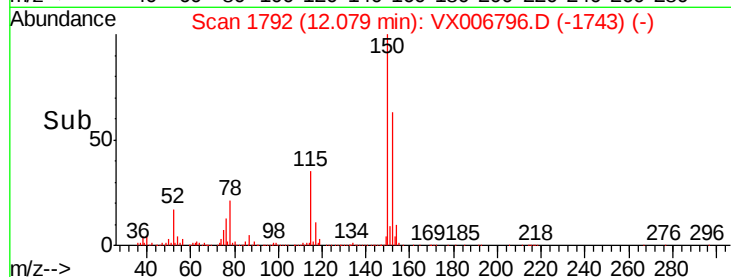
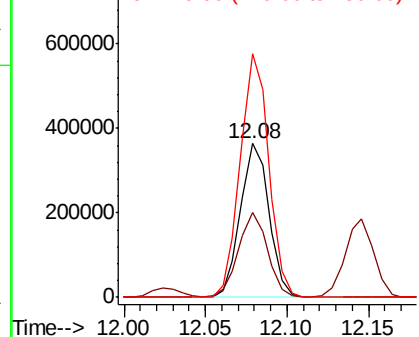


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

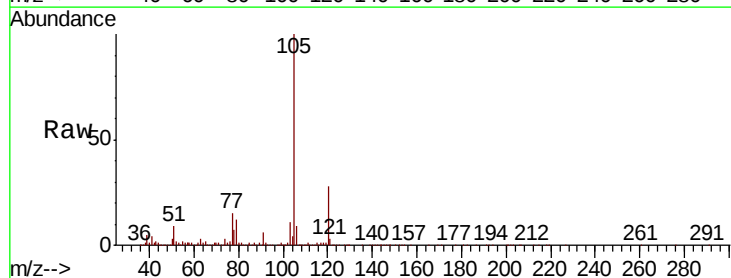
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 4.615 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006796.D
Acq: 24 Dec 2018 15:44

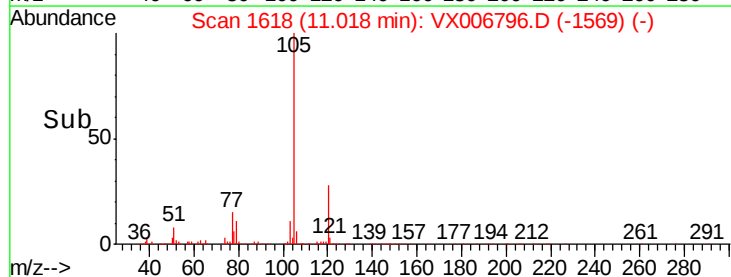
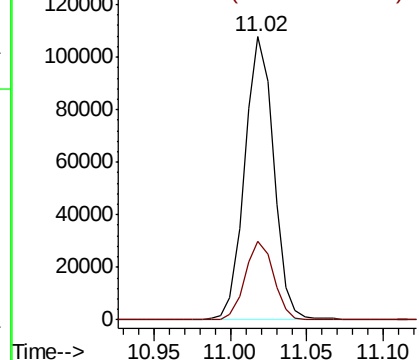
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	14.1	42.4

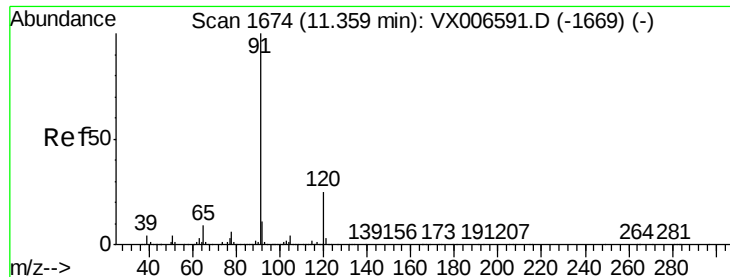


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 20.963 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006796.D

Acq: 24 Dec 2018 15:44

Instrument :

MSVOA_X

ClientSampleId :

P001-SS020-0002-01ME

Tot Ion: 91 Resp: 709222

Ion Ratio Lower Upper

91 100

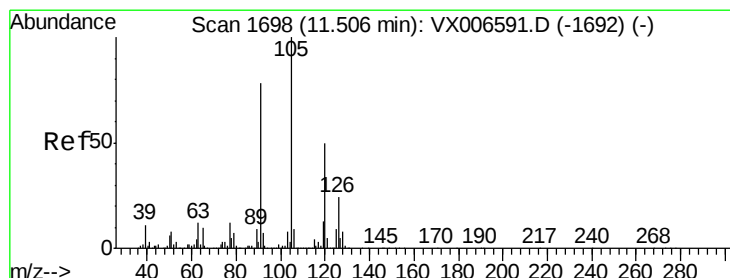
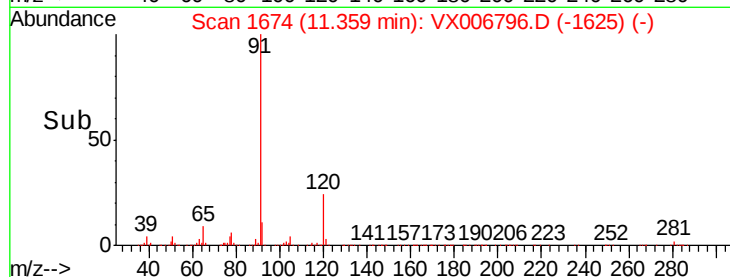
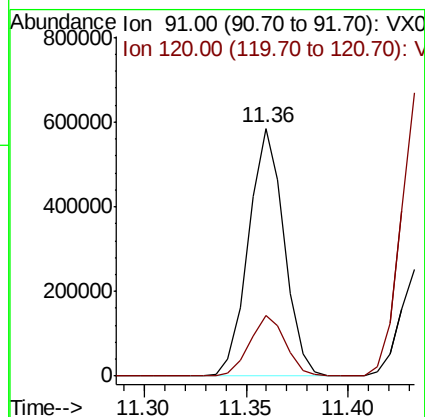
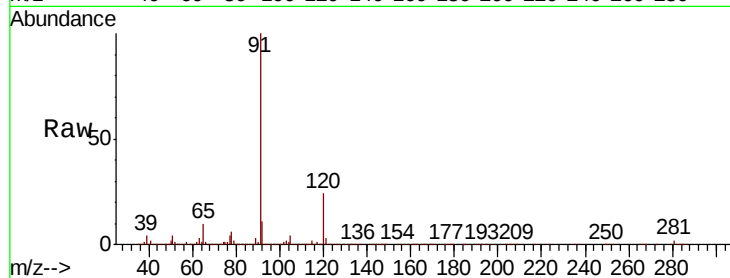
120 24.6 12.7 38.0

Manual Integrations

APPROVED

MMDadoda

12/26/2018 9:57:37 AM



#80

1,3,5-Trimethylbenzene

Concen: 139.097 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006796.D

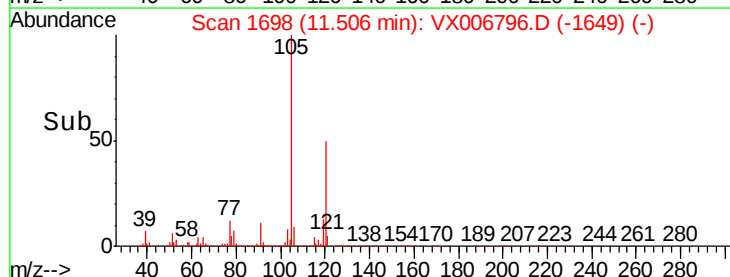
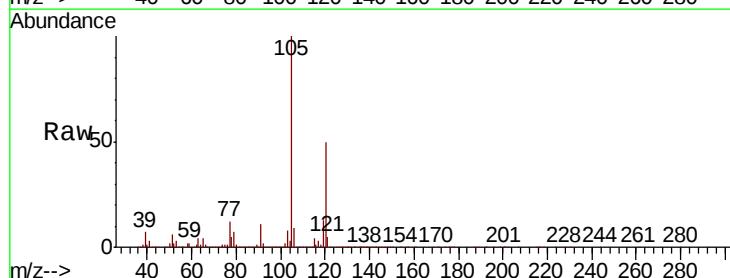
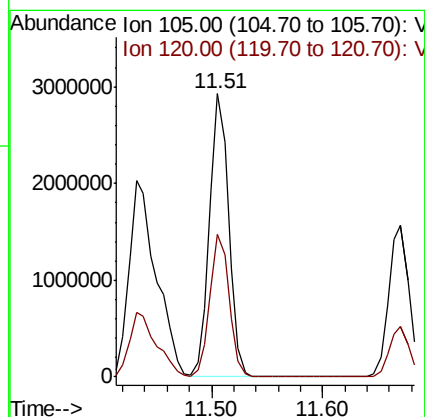
Acq: 24 Dec 2018 15:44

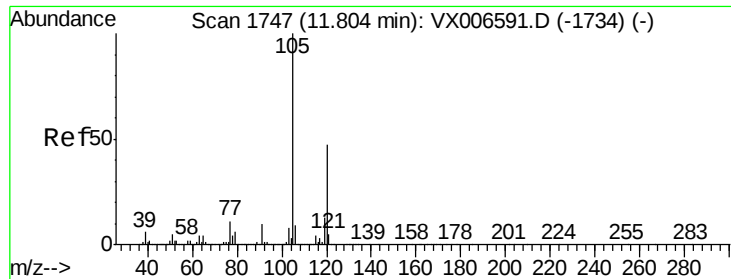
Tgt Ion: 105 Resp: 3519864

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.3





#84

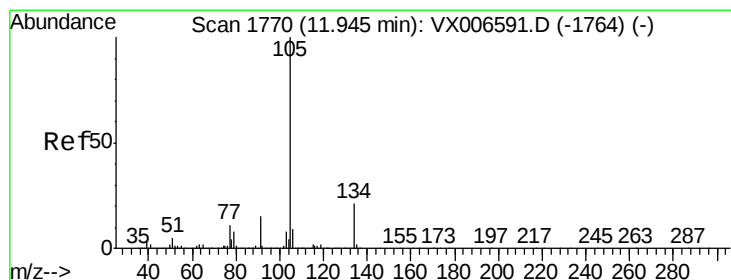
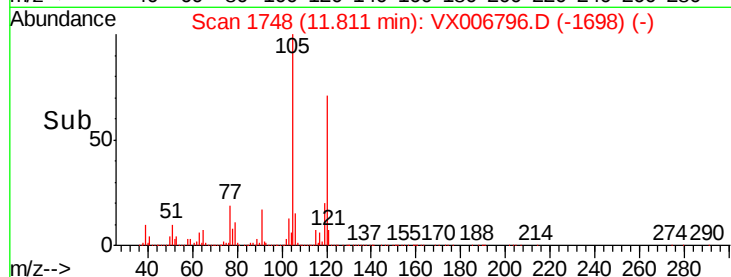
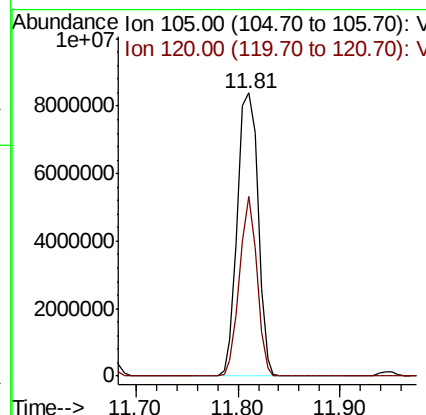
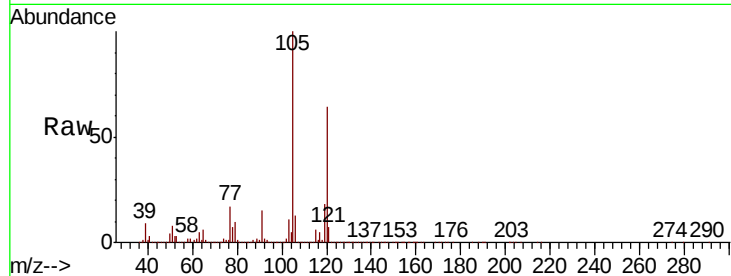
1,2,4-Trimethylbenzene
Concen: 440.137 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX006796.D
Acq: 24 Dec 2018 15:44

Instrument :
MSVOA_X
ClientSampleId :
P001-SS020-0002-01ME

Tot Ion:105 Resp:11714997
Ion Ratio Lower Upper
105 100
120 53.4 23.2 69.6

Manual Integrations
APPROVED

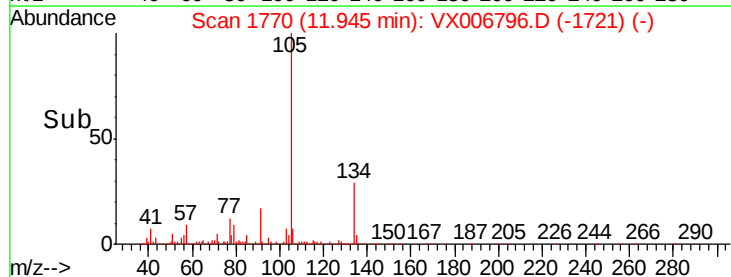
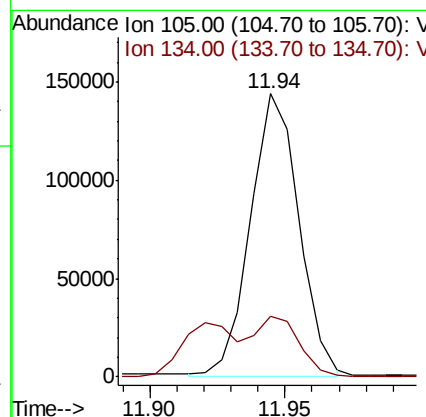
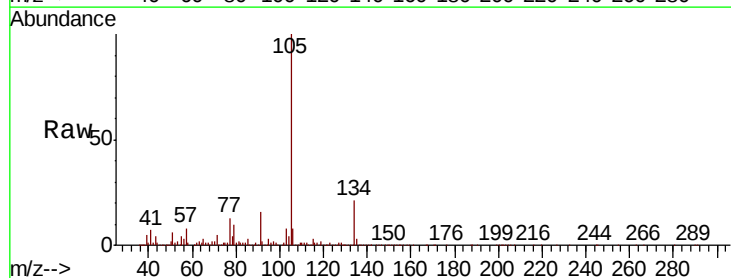
MMDadoda
12/26/2018 9:57:37 AM

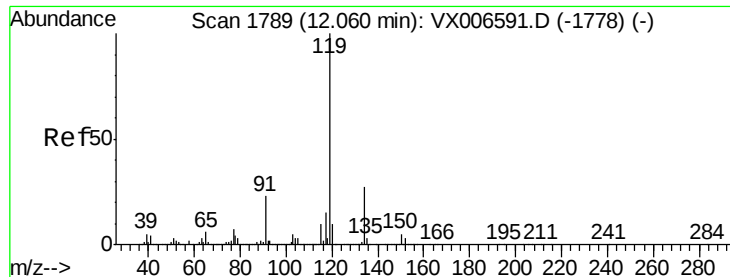


#85

sec-Butylbenzene
Concen: 5.789 ug/l m
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX006796.D
Acq: 24 Dec 2018 15:44

Tgt Ion:105 Resp: 179766
Ion Ratio Lower Upper
105 100
134 0.0 10.7 31.9#





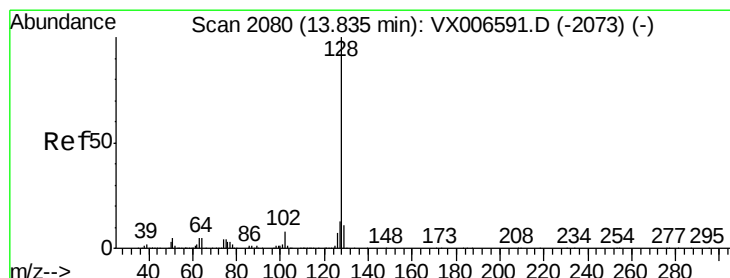
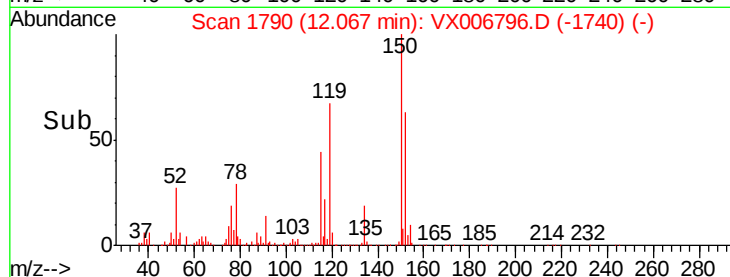
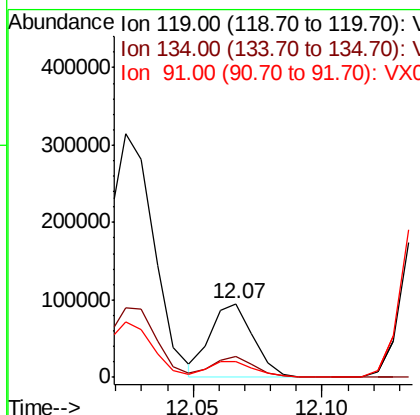
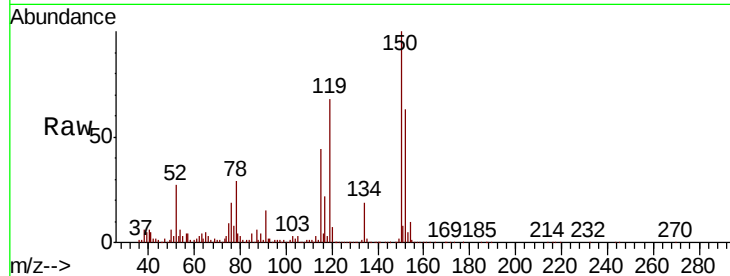
#86
p-Isopropyltoluene
Concen: 4.091 ug/l m
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX006796.D
Acq: 24 Dec 2018 15:44

Instrument :
MSVOA_X
ClientSampleId :
P001-SS020-0002-01ME

Tot Ion	Ratio	Lower	Upper
119	100		
134	104.5	14.0	41.9#
91	79.1	11.3	33.9#

Manual Integrations
APPROVED

MMDadoda
12/26/2018 9:57:37 AM



#95
Naphthalene
Concen: 162.983 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006796.D
Acq: 24 Dec 2018 15:44

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	12.0	8.6	13.0

