

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011791.D
 Acq On : 23 Aug 2019 12:32
 Operator : JC/SP
 Sample : K4451-01
 Misc : 5.95g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-1

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:40:27 AM

Quant Time: Aug 26 02:16:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	569718	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	521768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	295035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	179273	41.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.44%	
35) Dibromofluoromethane	5.49	113	161584	43.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.72%	
50) Toluene-d8	8.71	98	655234	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	239736	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
Target Compounds						
39) Methylcyclohexane	7.45	83	6443	1.164	ug/l	95
73) Isopropylbenzene	11.02	105	18609	1.047	ug/l	97
78) n-propylbenzene	11.36	91	33408	1.757	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	28421	1.916	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	88901	5.934	ug/l	98
85) sec-Butylbenzene	11.94	105	78321	4.678	ug/l	86
86) p-Isopropyltoluene	12.06	119	32133	1.995	ug/l	99
89) n-Butylbenzene	12.38	91	53869m	4.040	ug/l	

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

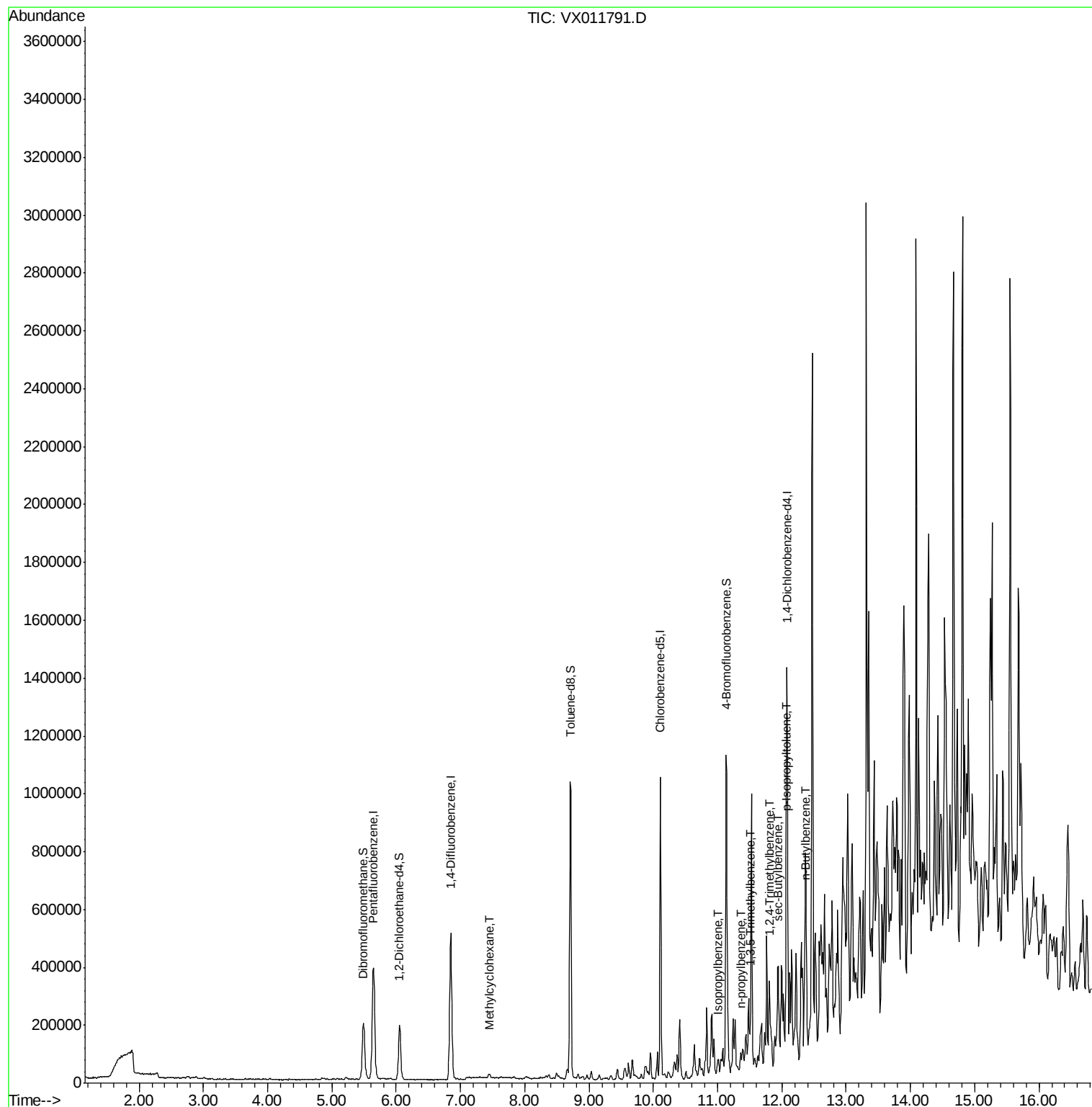
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
Data File : VX011791.D
Acq On : 23 Aug 2019 12:32
Operator : JC/SP
Sample : K4451-01
Misc : 5.95g/5mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

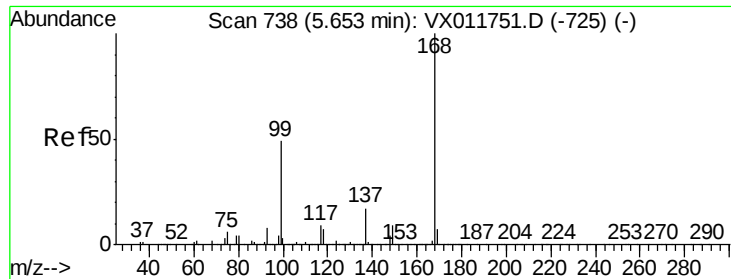
Instrument :
MSVOA_X
ClientSampleId :
B-1

Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:40:27 AM

Quant Time: Aug 26 02:16:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

B-1

Tot Ion:168 Resp: 432910

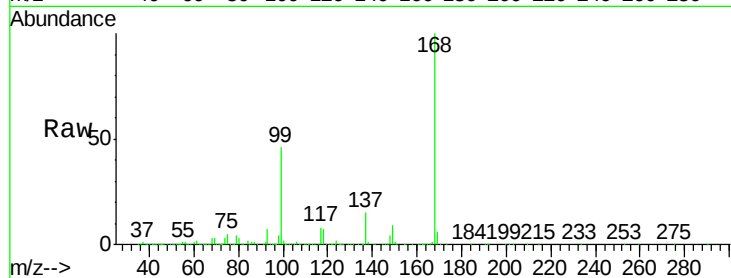
Ion Ratio Lower Upper

168 100

99 45.6 39.4 59.2

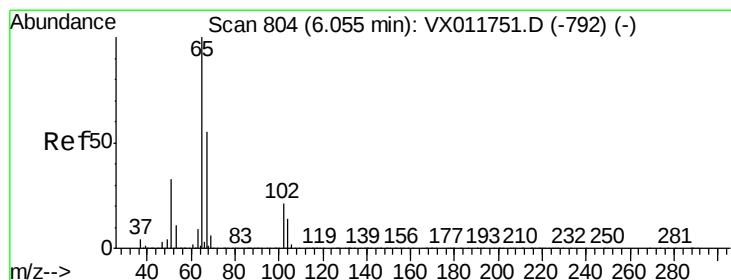
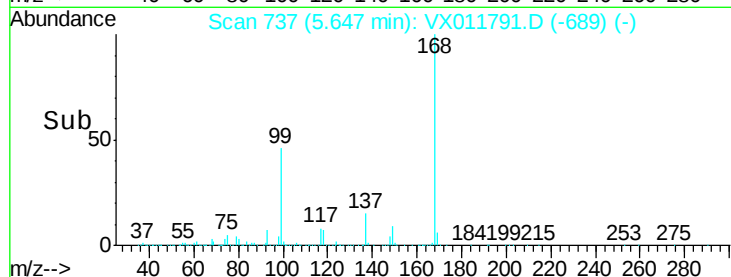
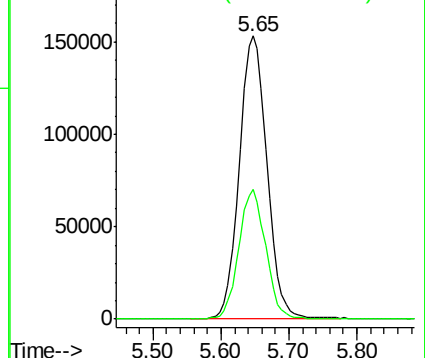
Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:40:27 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 41.223 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011791.D

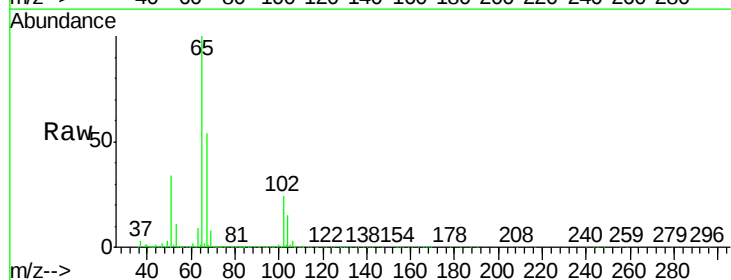
Acq: 23 Aug 2019 12:32

Tgt Ion: 65 Resp: 179273

Ion Ratio Lower Upper

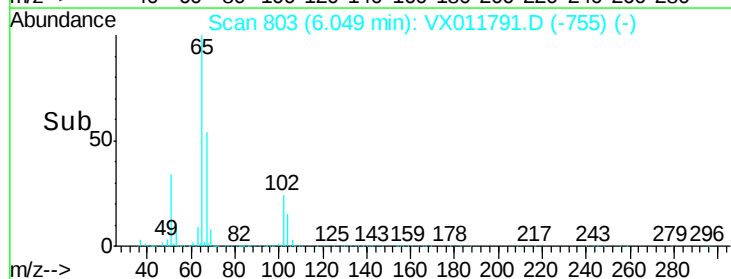
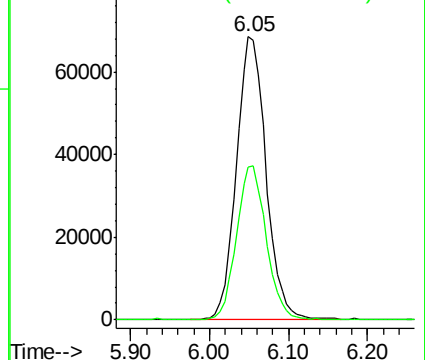
65 100

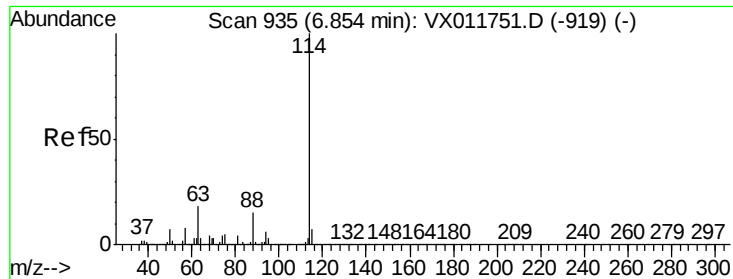
67 54.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

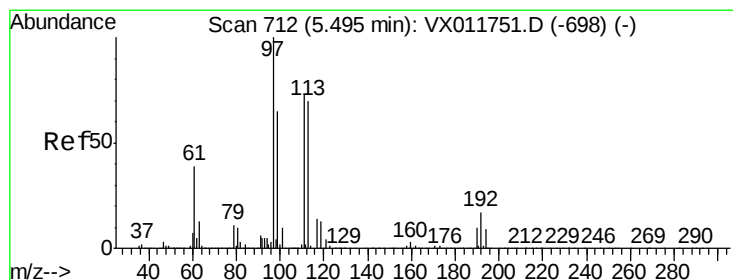
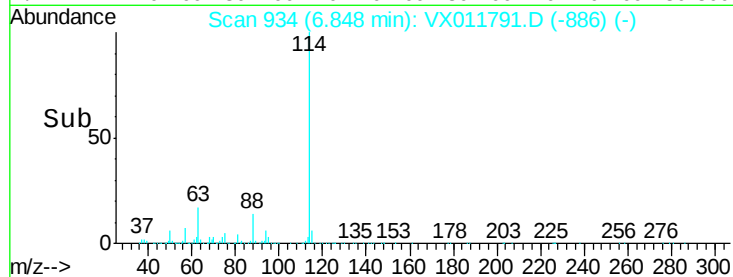
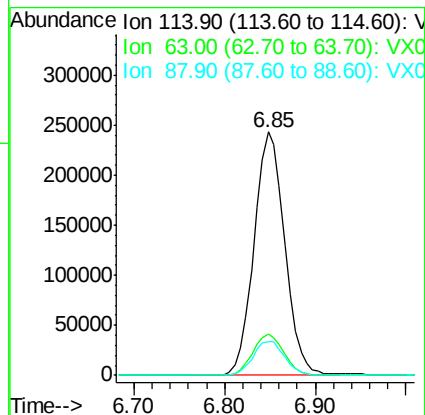
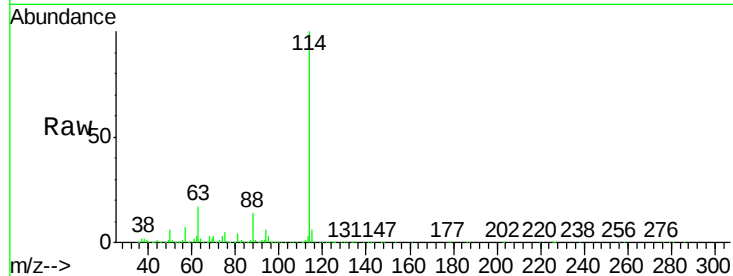
ClientSampled :

B-1

Tot Ion:	114	Resp:	569718
Ion Ratio		Lower	Upper
114	100		
63	16.9	0.0	36.8
88	13.9	0.0	30.2

Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:40:27 AM



#35

Dibromofluoromethane

Concen: 43.861 ug/l

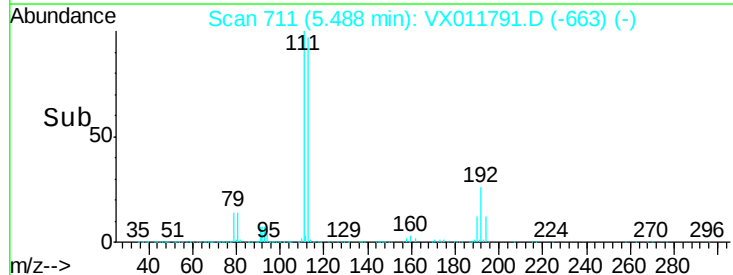
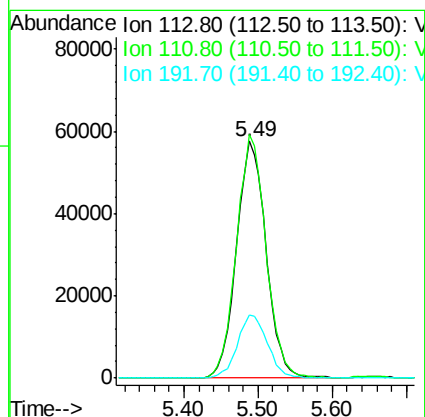
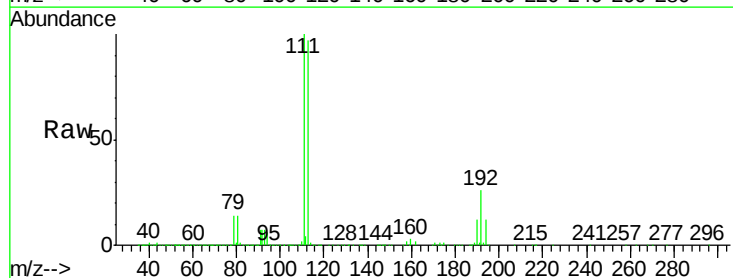
RT: 5.49 min Scan# 711

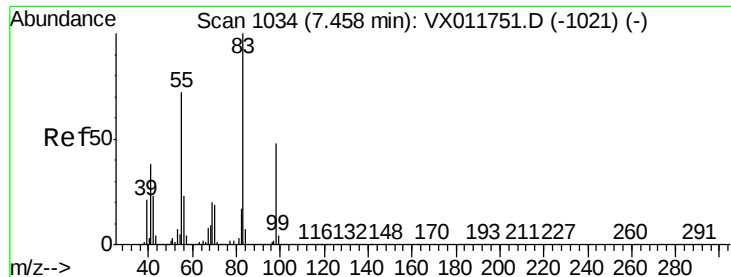
Delta R.T. -0.01 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Tgt Ion:	113	Resp:	161584
Ion Ratio		Lower	Upper
113	100		
111	102.0	81.0	121.4
192	26.9	19.9	29.9





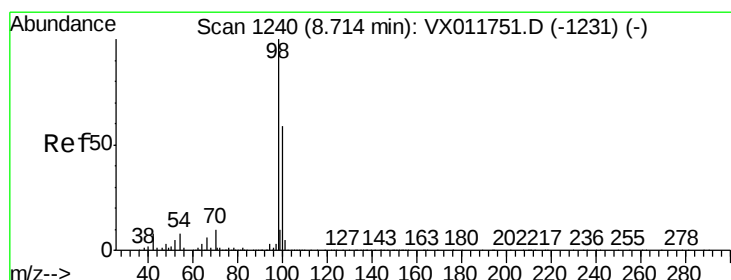
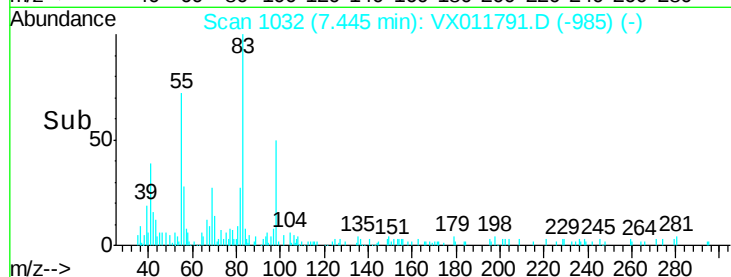
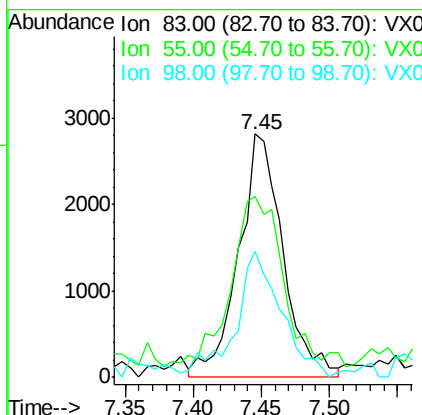
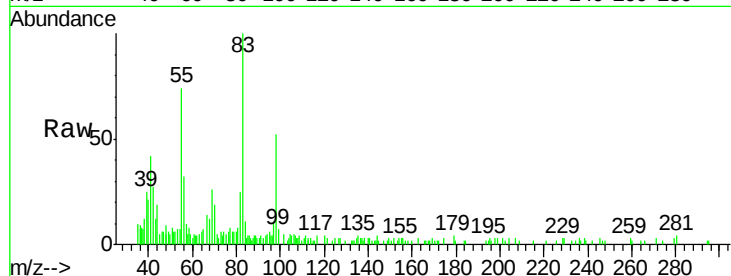
#39
Methvlcvclohexane
Concen: 1.164 ug/l
RT: 7.45 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :
B-1

Tot Ion:	83	Resp:	6443
Ion	Ratio	Lower	Upper
83	100		
55	68.2	57.8	86.6
98	51.4	38.6	58.0

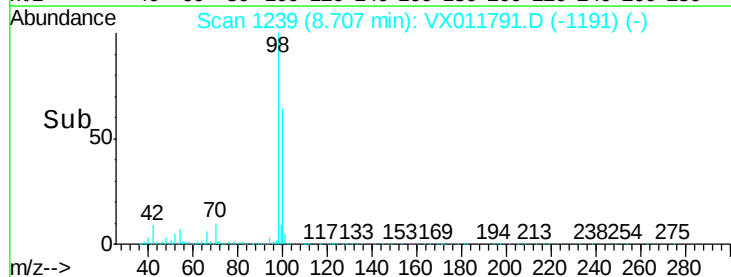
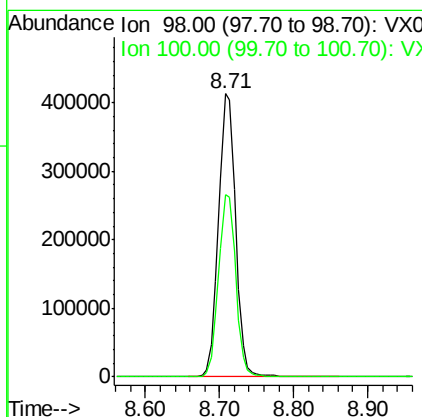
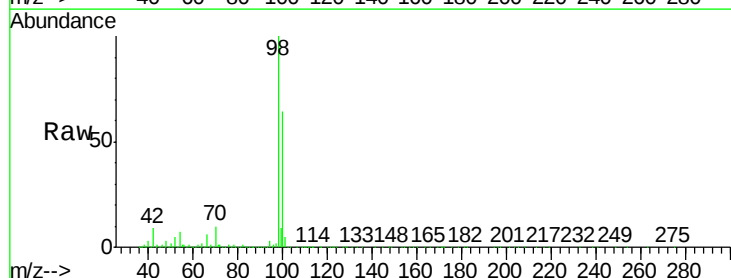
Manual Integrations
APPROVED

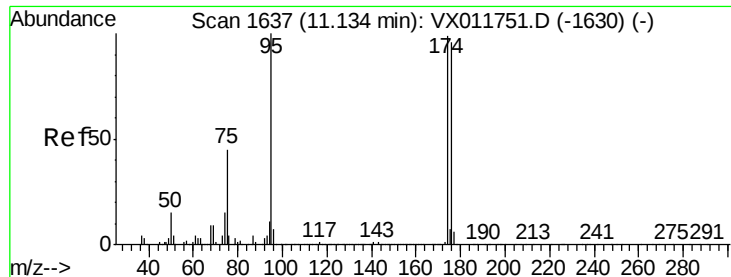
MMDadoda
8/26/2019 11:40:27 AM



#50
Toluene-d8
Concen: 50.991 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

Tgt Ion:	98	Resp:	655234
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.1	78.1





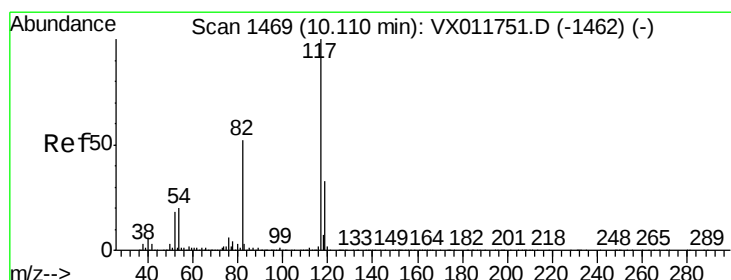
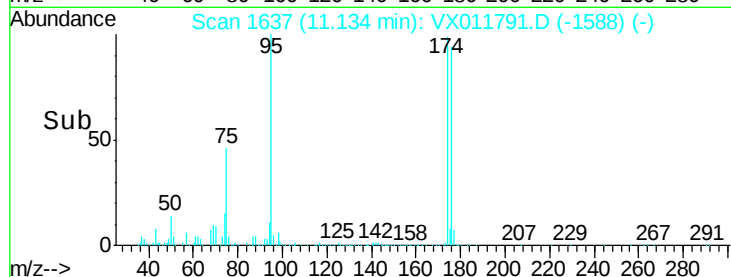
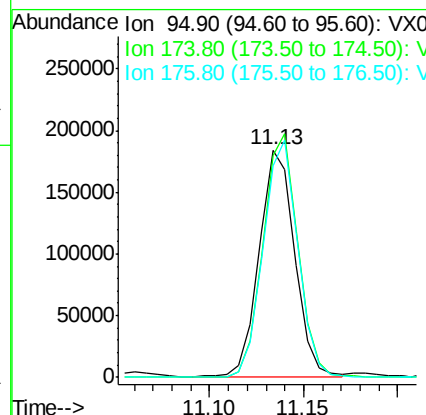
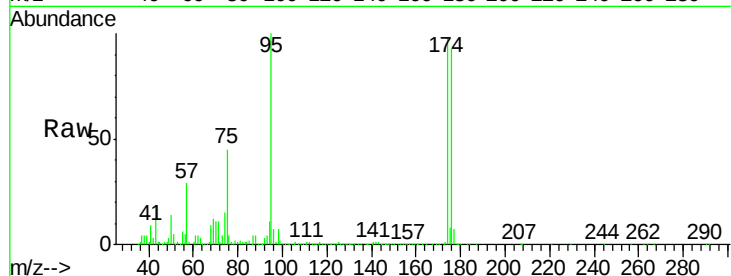
#62
4-Bromofluorobenzene
Concen: 47.201 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

Instrument :
MSVOA_X
ClientSampled :
B-1

Tot Ion	Ratio	Resp	Lower	Upper
95	100	239736		
174	105.5	0.0	197.4	
176	102.2	0.0	194.4	

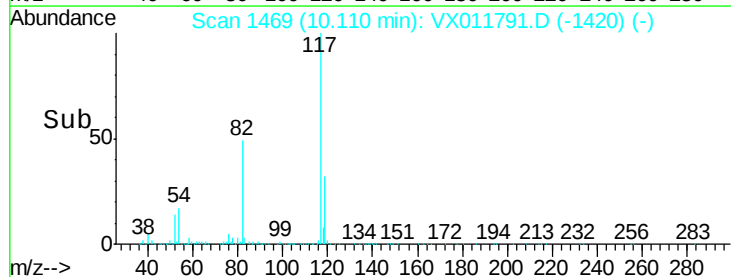
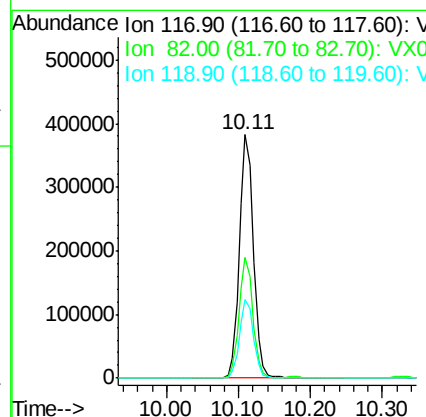
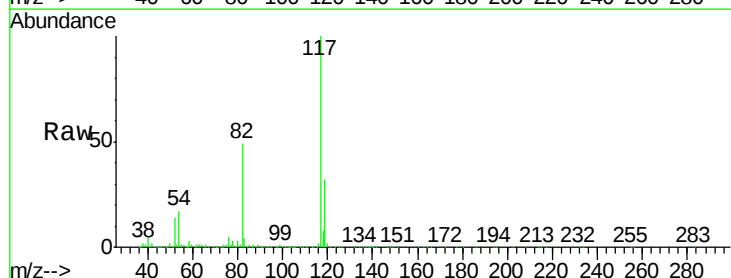
Manual Integrations
APPROVED

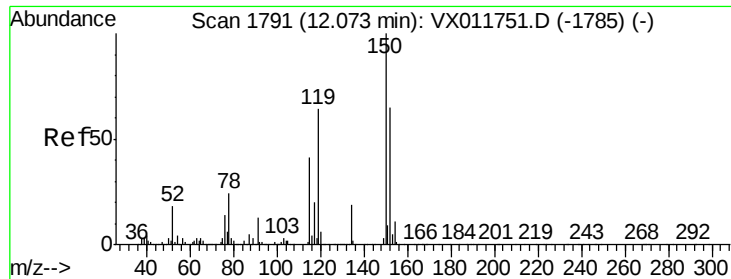
MMDadoda
8/26/2019 11:40:27 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	521768		
82	49.3	41.7	62.5	
119	32.4	26.2	39.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

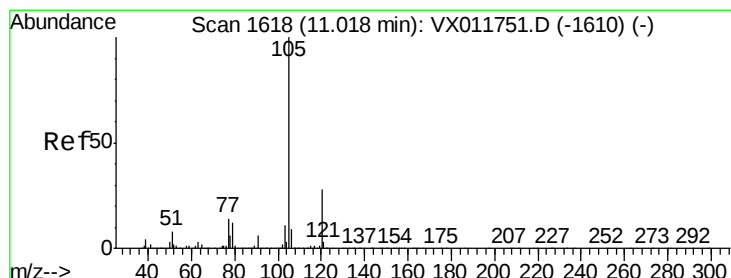
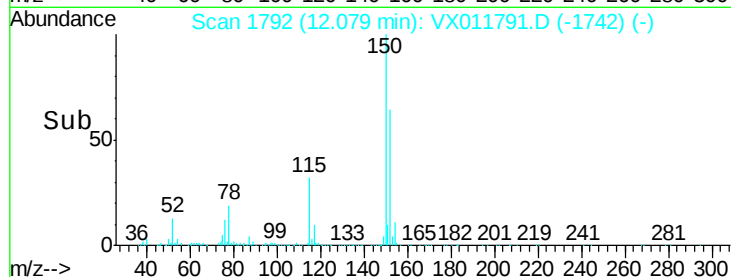
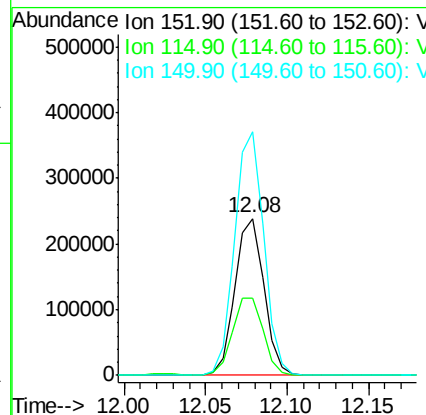
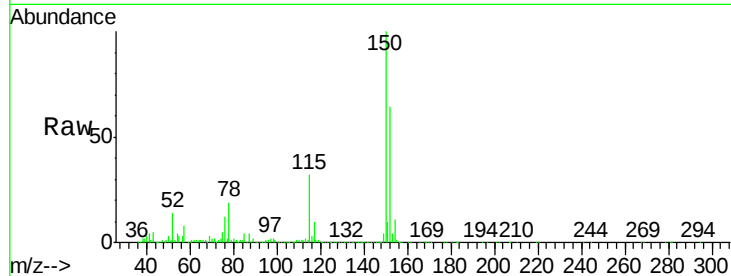
ClientSampled :

B-1

Tot Ion:	152	Resp:	295035
Ion Ratio	Lower	Upper	
152	100		
115	52.6	37.3	111.8
150	156.2	0.0	343.0

Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:40:27 AM



#73

Isopropylbenzene

Concen: 1.047 ug/l

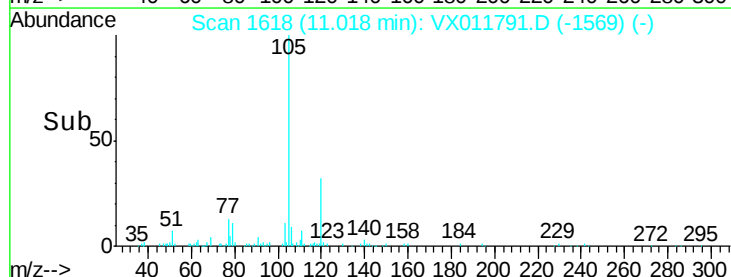
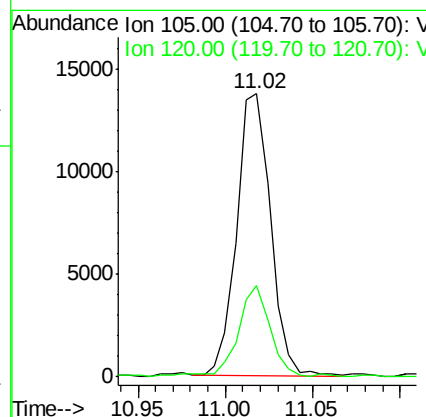
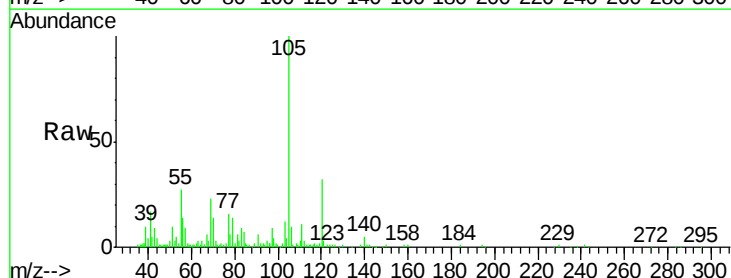
RT: 11.02 min Scan# 1618

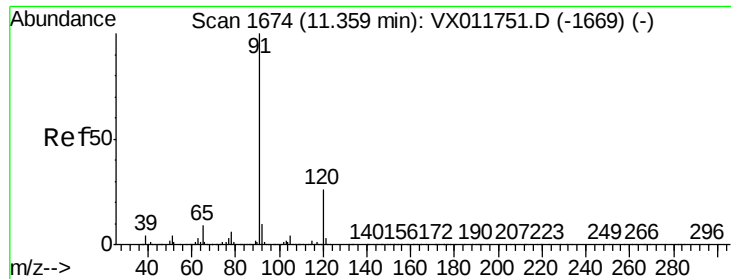
Delta R.T. -0.00 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Tgt Ion:	105	Resp:	18609
Ion Ratio	Lower	Upper	
105	100		
120	29.3	13.9	41.7





#78

n-propylbenzene

Concen: 1.757 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

B-1

Tot Ion: 91 Resp: 33408

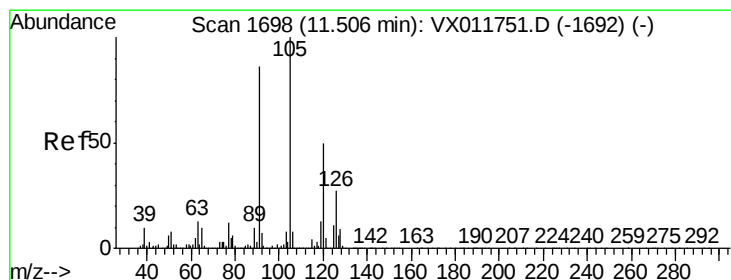
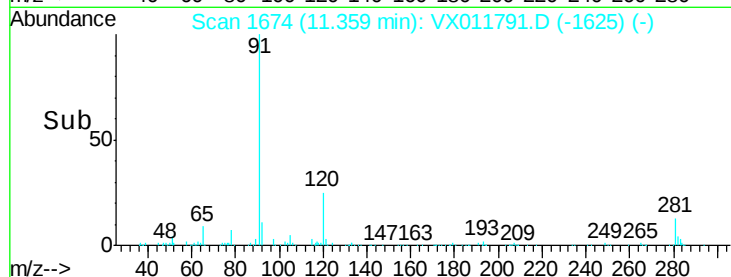
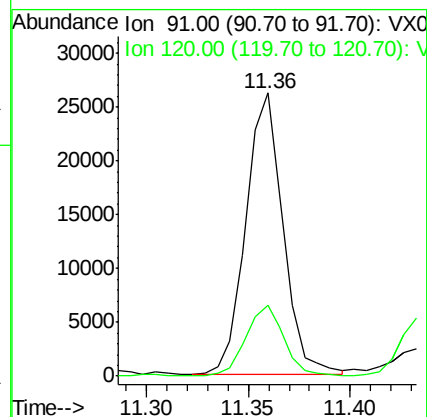
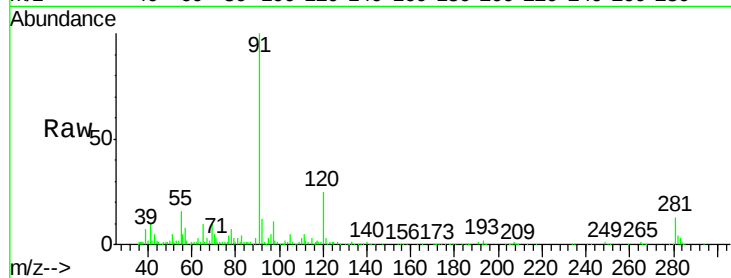
Ion Ratio Lower Upper

91 100

120 25.7 12.7 38.1

Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:40:27 AM



#80

1,3,5-Trimethylbenzene

Concen: 1.916 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011791.D

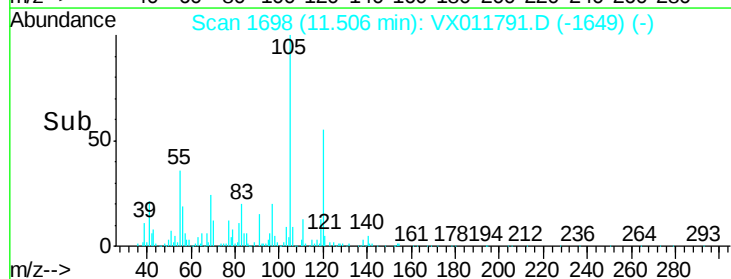
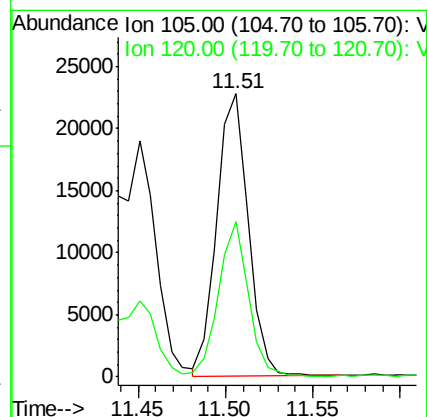
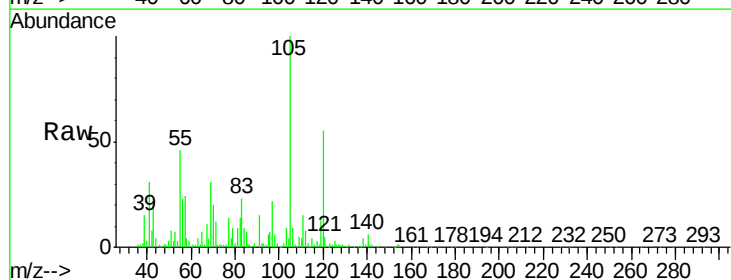
Acq: 23 Aug 2019 12:32

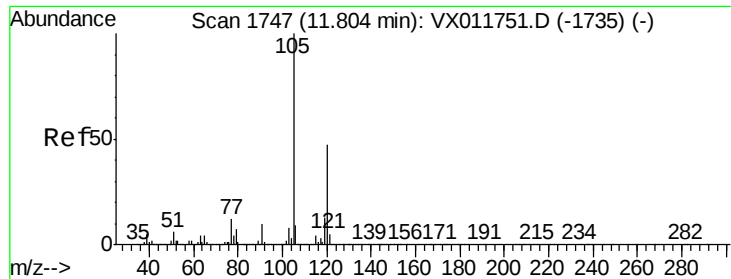
Tgt Ion: 105 Resp: 28421

Ion Ratio Lower Upper

105 100

120 52.3 24.8 74.4





#84

1,2,4-Trimethylbenzene

Concen: 5.934 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011791.D

Acq: 23 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

B-1

Tot Ion:105 Resp: 88901

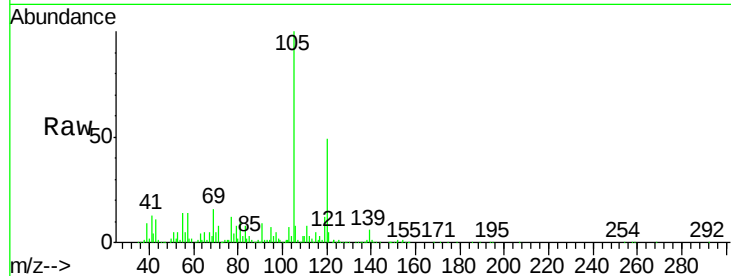
Ion Ratio Lower Upper

105 100

120 48.7 23.7 71.1

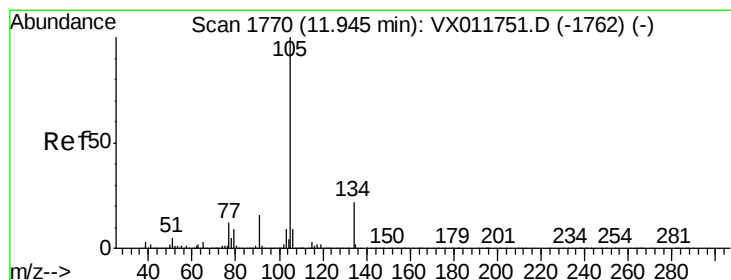
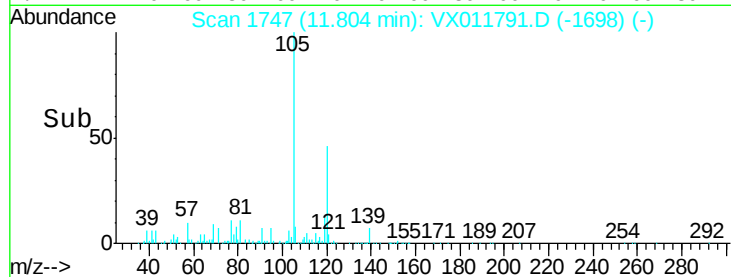
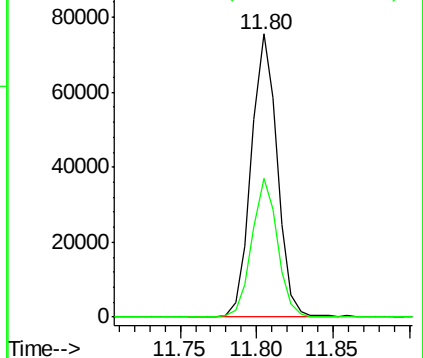
Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:40:27 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 4.678 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011791.D

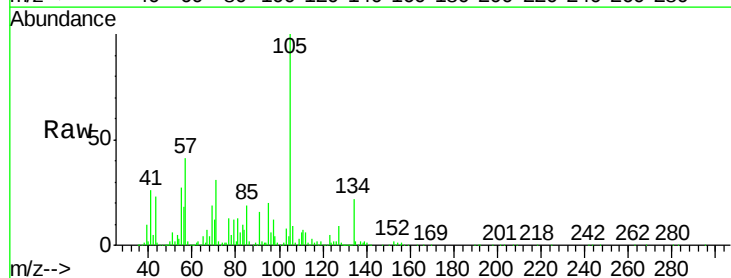
Acq: 23 Aug 2019 12:32

Tgt Ion:105 Resp: 78321

Ion Ratio Lower Upper

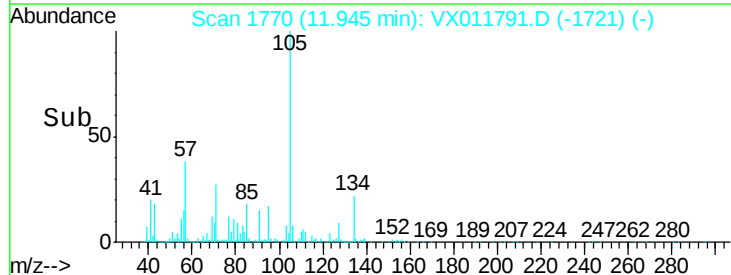
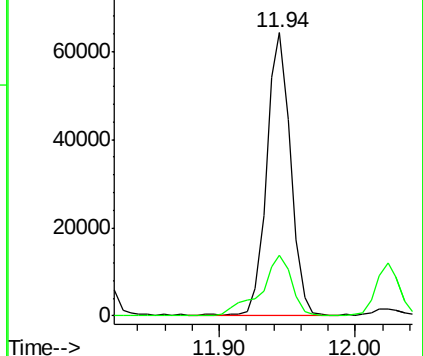
105 100

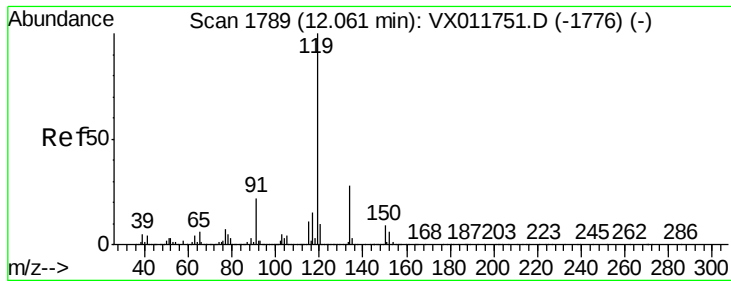
134 28.1 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





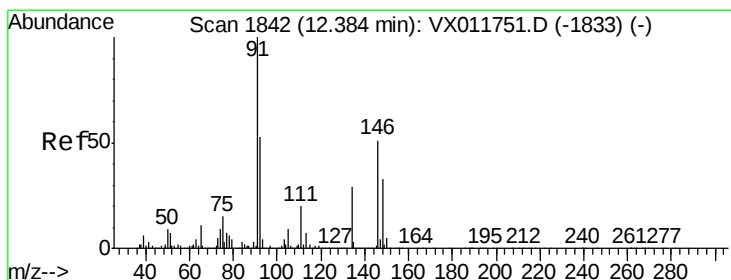
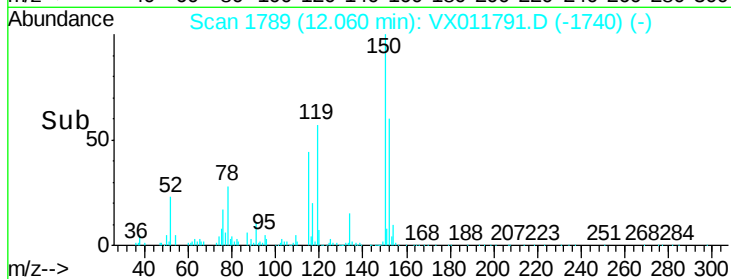
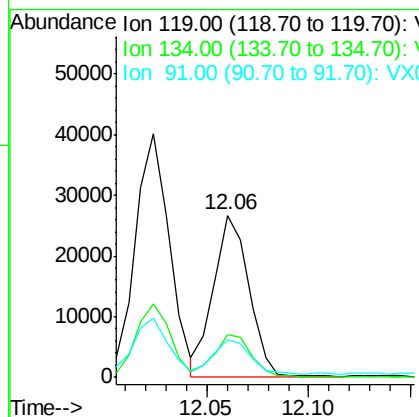
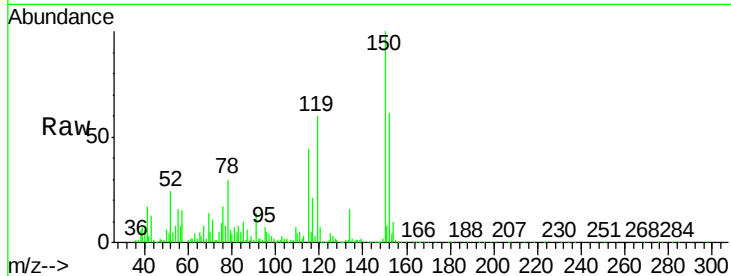
#86
p-Isopropyltoluene
Concen: 1.995 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

Instrument :
MSVOA_X
ClientSampled :
B-1

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.7	41.0
91	23.0	11.1	33.3

Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:40:27 AM



#89
n-Butylbenzene
Concen: 4.040 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011791.D
Acq: 23 Aug 2019 12:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.8	26.7	80.0
134	148.0	14.6	43.8#

