

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011635.D
 Acq On : 19 Aug 2019 16:29
 Operator : JC/SP
 Sample : K4368-04DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0133DL

Manual Integrations
 APPROVED

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 8/20/2019 3:41:31 PM

Quant Time: Aug 21 09:22:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	443274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	608405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	535356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	292652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	208573	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
35) Dibromofluoromethane	5.49	113	179313	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
50) Toluene-d8	8.71	98	691896	55.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.60%	
62) 4-Bromofluorobenzene	11.13	95	238748	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
39) Methylcyclohexane	7.46	83	10741	1.672	ug/l	98
67) Ethyl Benzene	10.25	91	439156	23.045	ug/l	99
68) m/p-Xylenes	10.35	106	753943	103.069	ug/l	95
69) o-Xylene	10.69	106	5113	0.714	ug/l	100
73) Isopropylbenzene	11.02	105	58861	3.100	ug/l	98
78) n-propylbenzene	11.36	91	82601	4.034	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	160541	10.064	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	583691	36.447	ug/l	99
85) sec-Butylbenzene	11.94	105	8464m	0.462	ug/l	
95) Naphthalene	13.83	128	224940	10.954	ug/l	99

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

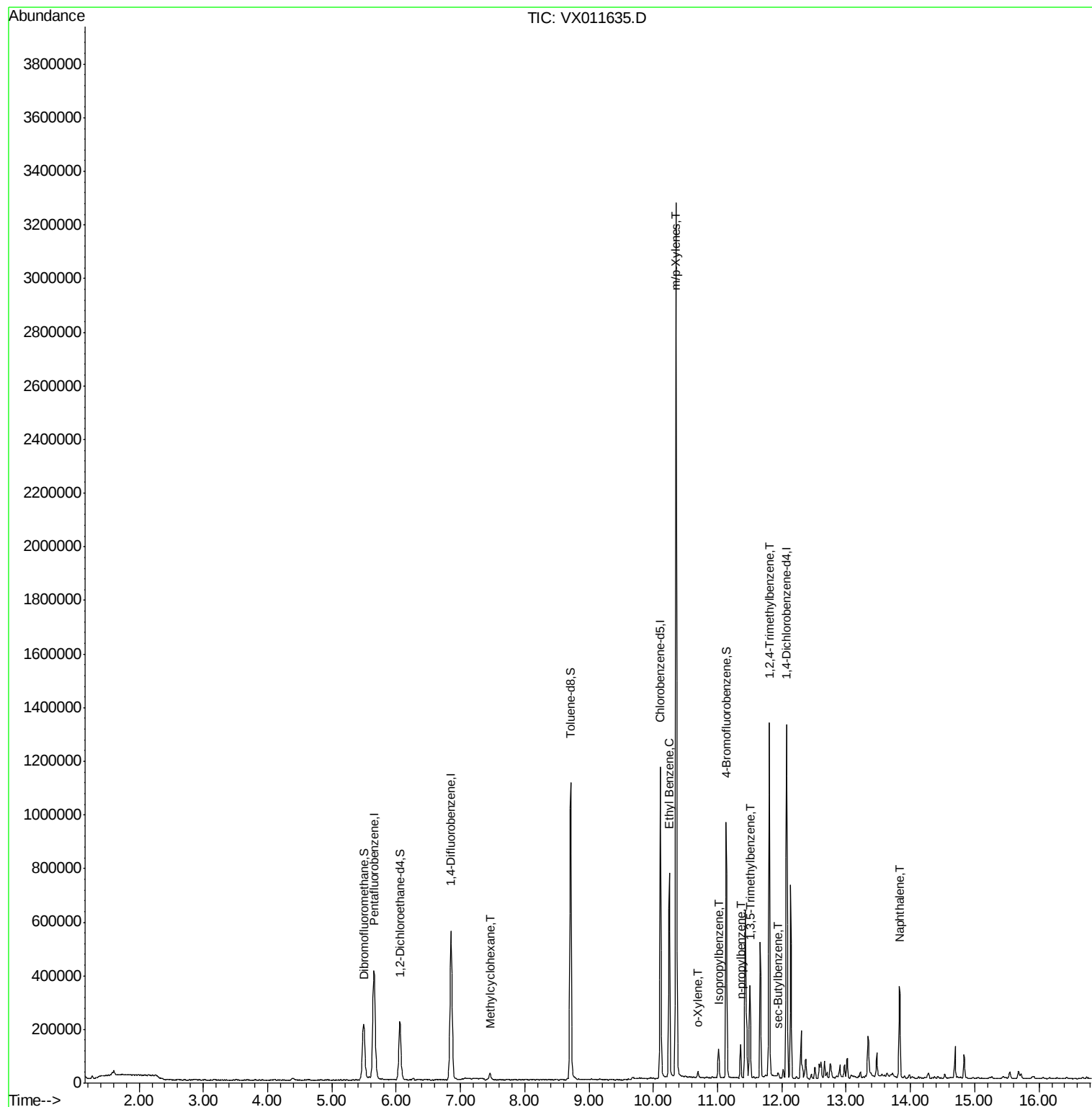
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081919\
Data File : VX011635.D
Acq On : 19 Aug 2019 16:29
Operator : JC/SP
Sample : K4368-04DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

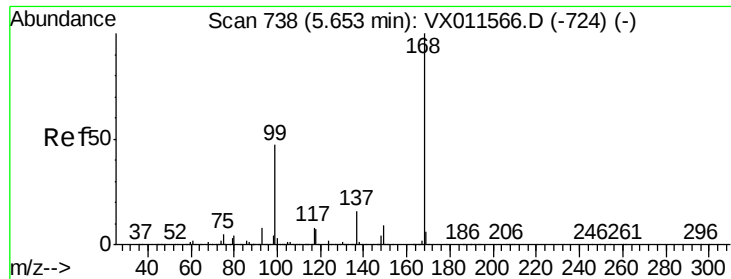
Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Manual Integrations
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8/20/2019 3:41:31 PM

Quant Time: Aug 21 09:22:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011635.D

Acq: 19 Aug 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

PH2-0133DL

Tot Ion:168 Resp: 443274

Ion Ratio Lower Upper

168 100

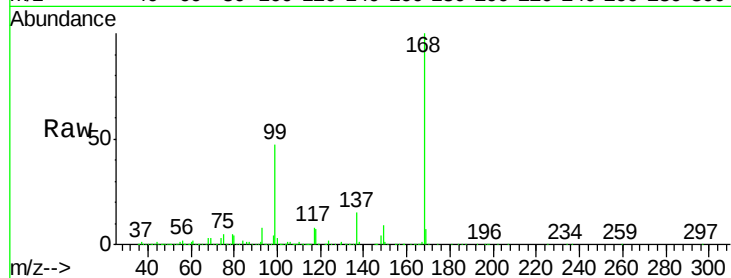
99 46.9 37.3 55.9

Manual Integrations

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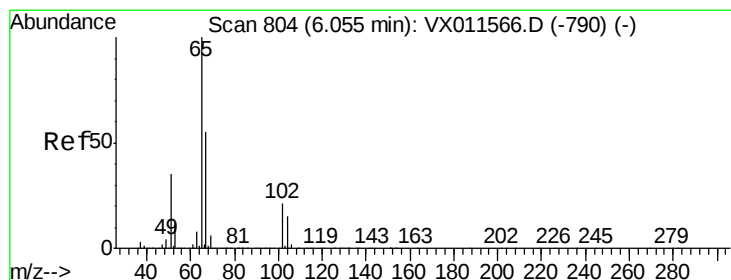
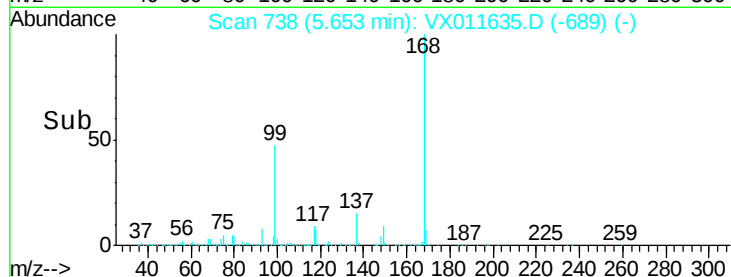
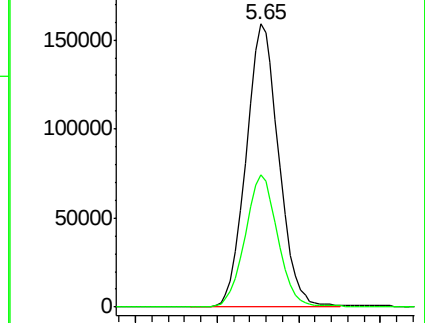
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.738 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011635.D

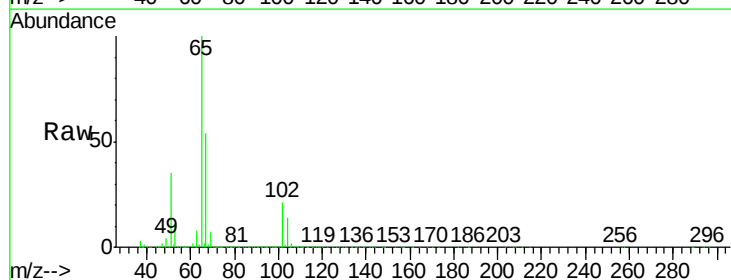
Acq: 19 Aug 2019 16:29

Tgt Ion: 65 Resp: 208573

Ion Ratio Lower Upper

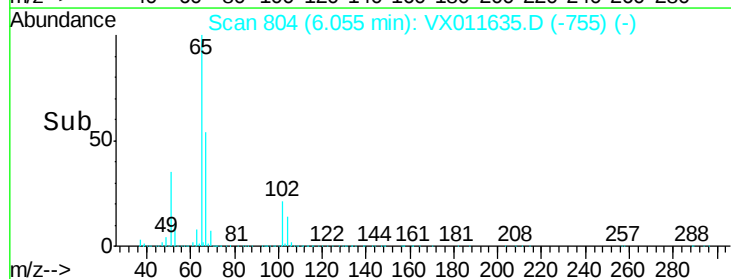
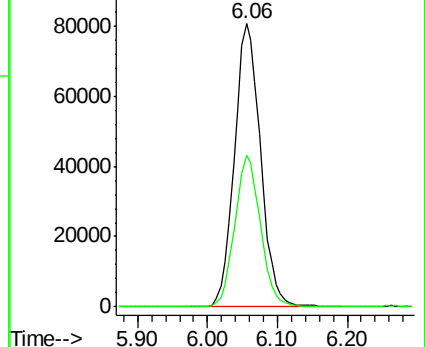
65 100

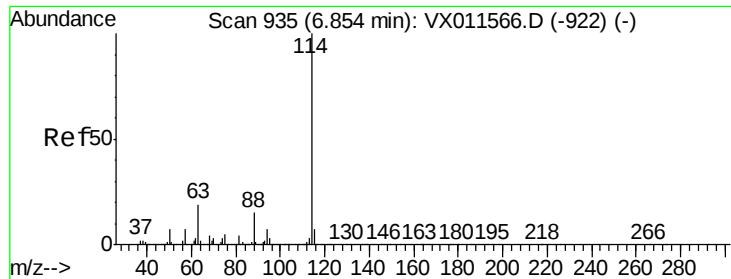
67 52.8 0.0 107.6



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# 935

Delta R.T. 0.00 min

Lab File: VX011635.D

Acq: 19 Aug 2019 16:29

Instrument :

MSVOA_X

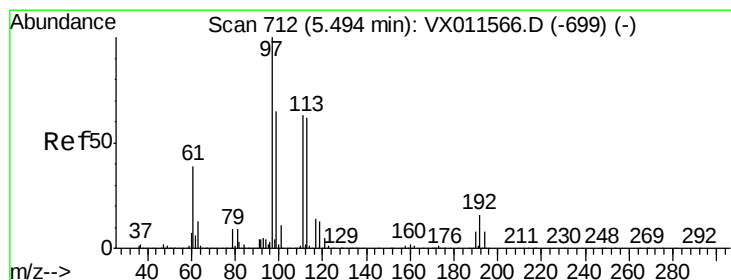
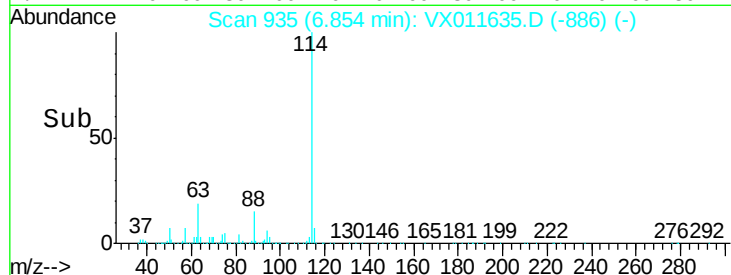
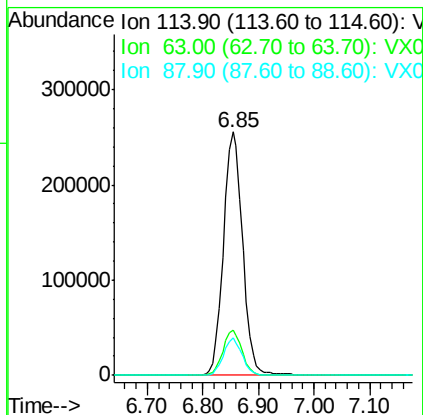
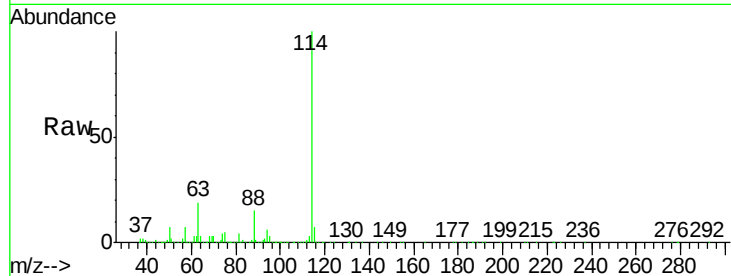
ClientSampleId :

PH2-0133DL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	608405		
63	18.6	0.0	37.8	
88	15.3	0.0	30.2	

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#35

Dibromofluoromethane

Concen: 45.061 ug/l

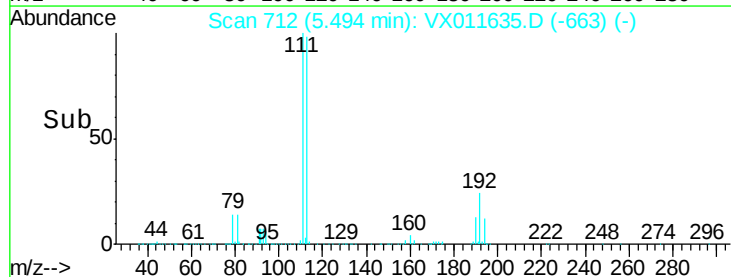
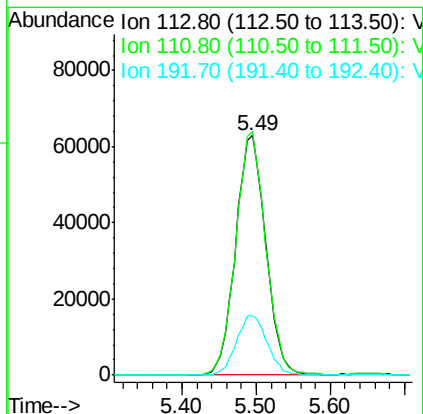
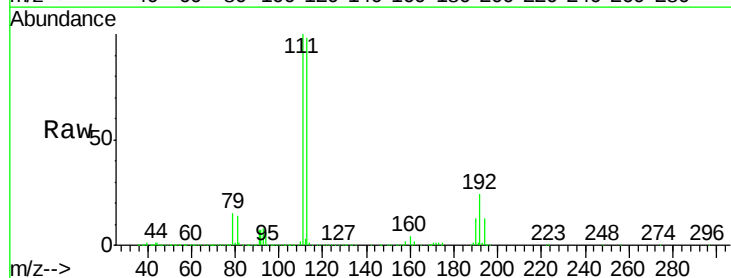
RT: 5.49 min Scan# 712

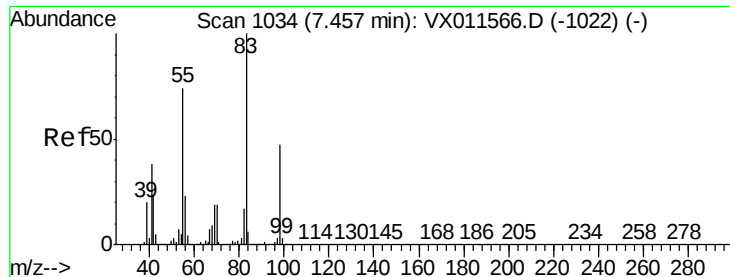
Delta R.T. 0.00 min

Lab File: VX011635.D

Acq: 19 Aug 2019 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	179313		
111	100.8	81.1	121.7	
192	25.4	20.8	31.2	





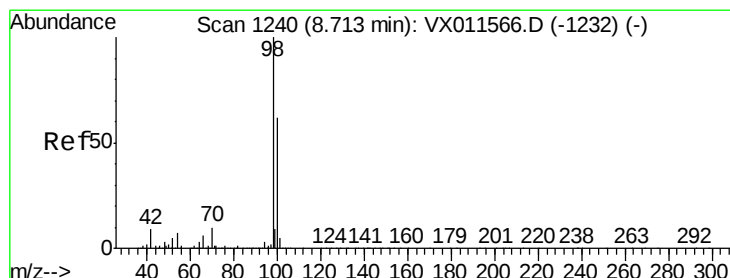
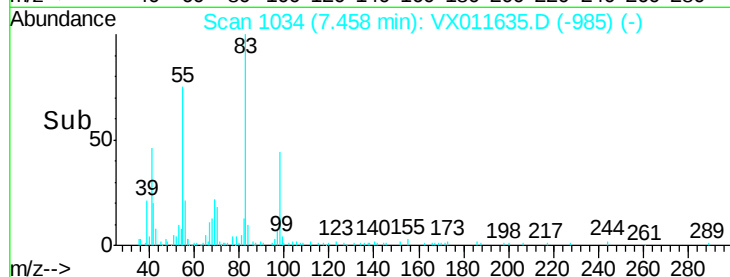
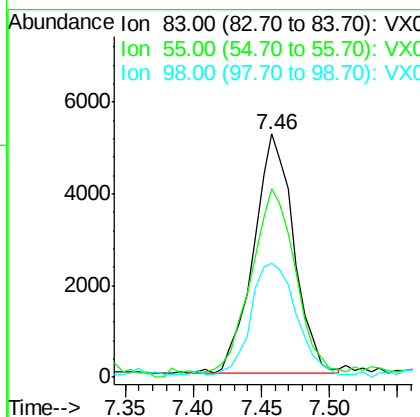
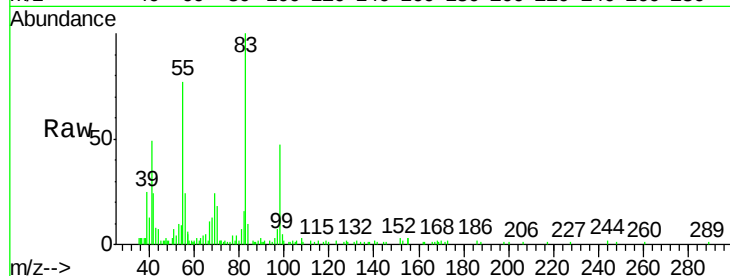
#39
Methvlcvclohexane
Concen: 1.672 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	58.8	88.2
98	46.3	37.8	56.6

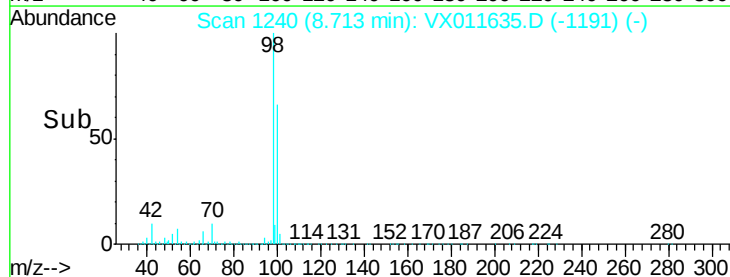
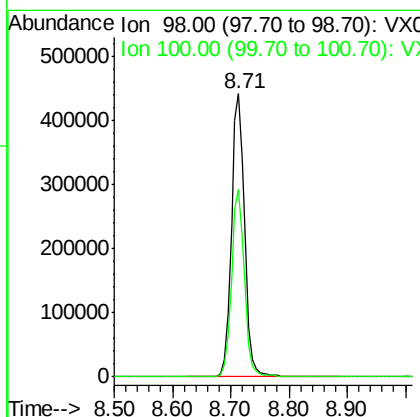
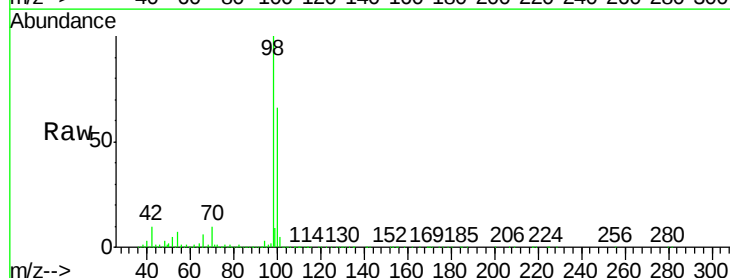
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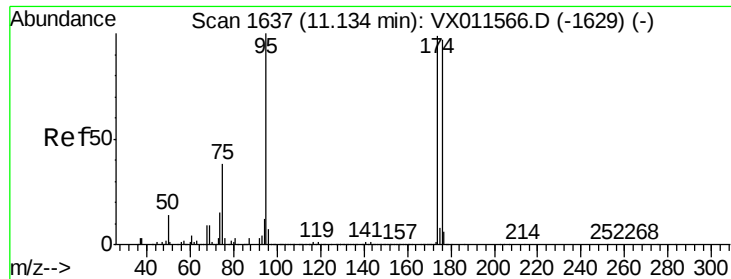
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#50
Toluene-d8
Concen: 55.802 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6





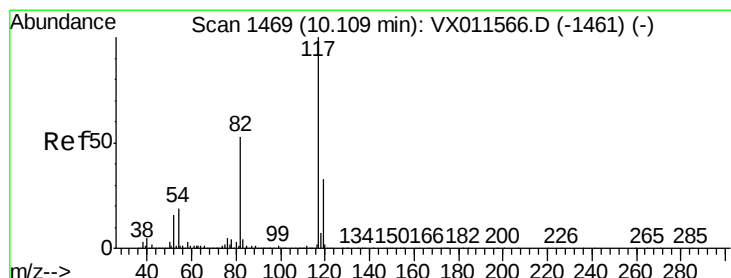
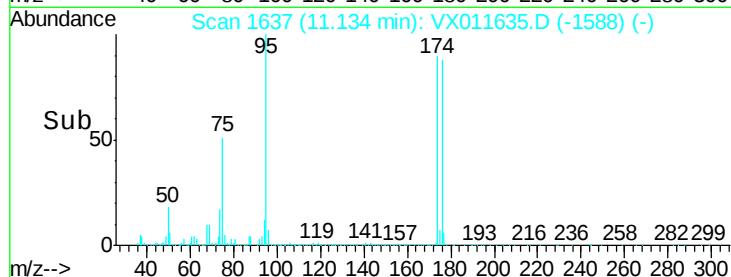
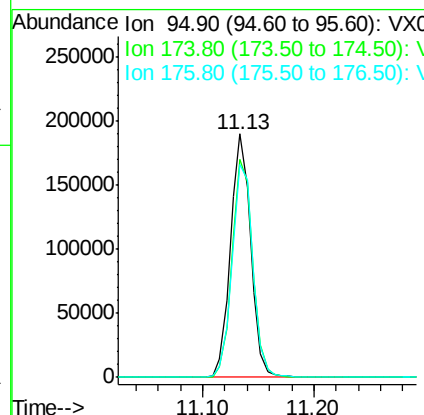
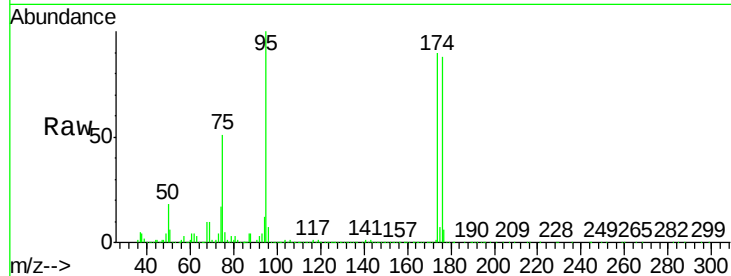
#62
4-Bromofluorobenzene
Concen: 45.619 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	238748		
174	91.2	0.0	200.6	
176	89.8	0.0	196.6	

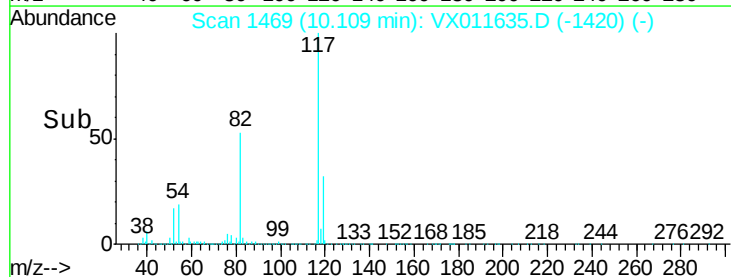
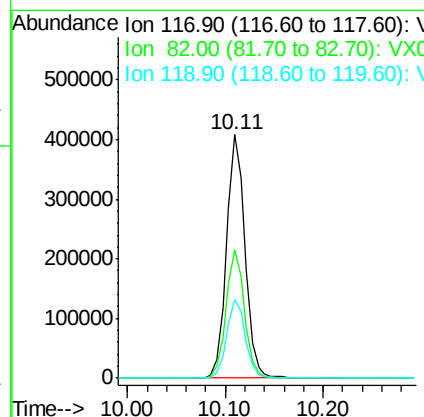
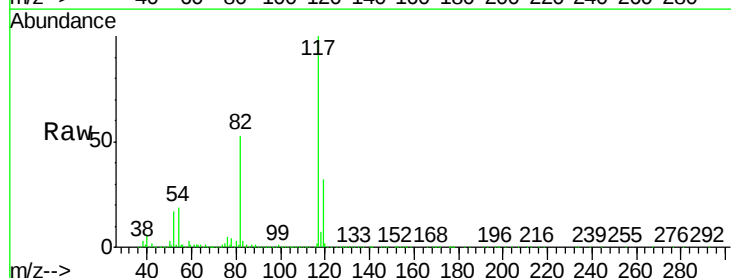
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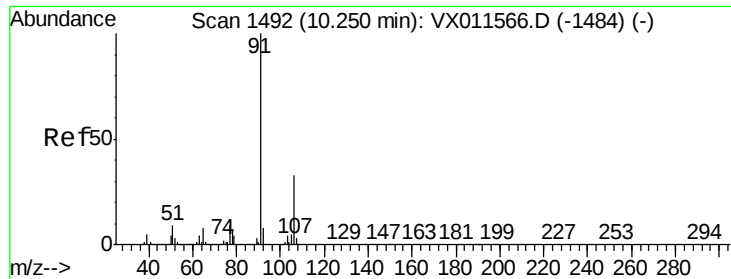
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	535356		
82	52.7	42.0	63.0	
119	32.2	26.5	39.7	





#67

Ethyl Benzene

Concen: 23.045 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011635.D

Acq: 19 Aug 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

PH2-0133DL

Tot Ion: 91 Resp: 439156

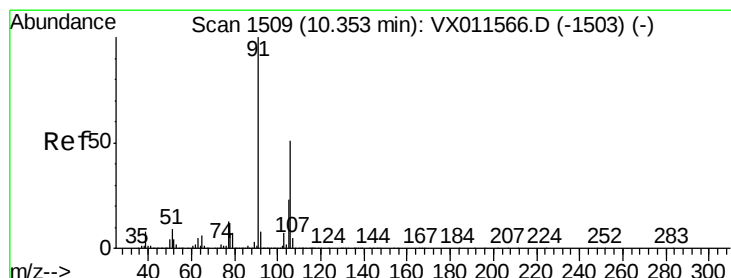
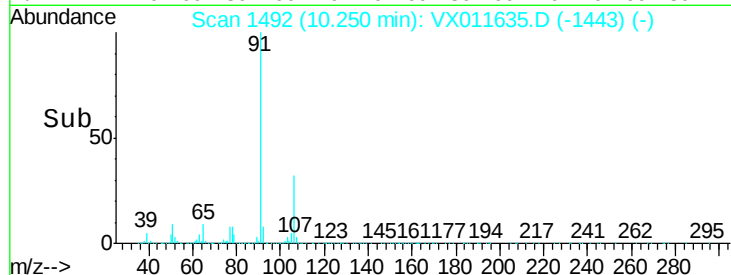
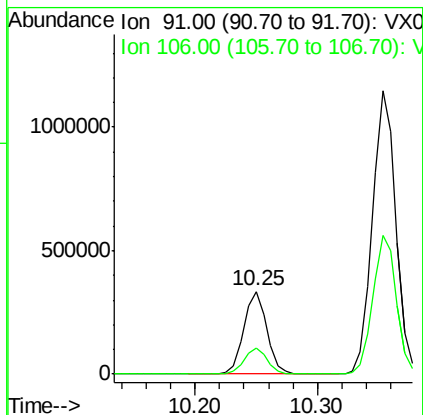
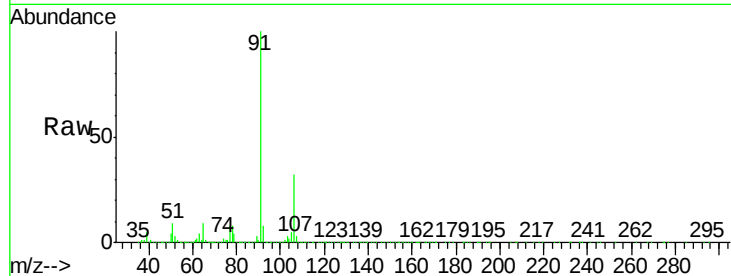
Ion Ratio Lower Upper

91 100

106 32.1 26.0 39.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 103.069 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011635.D

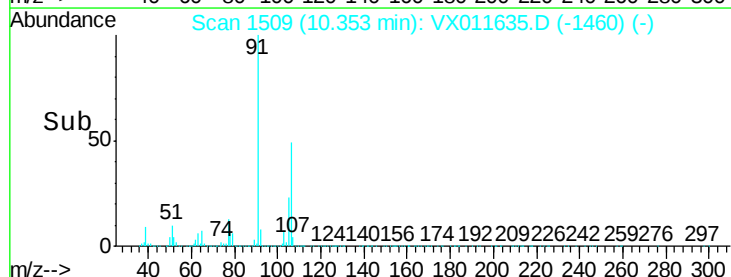
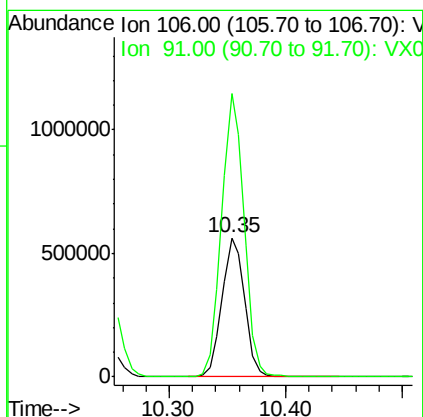
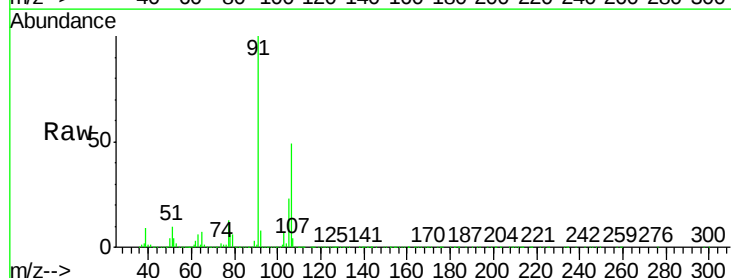
Acq: 19 Aug 2019 16:29

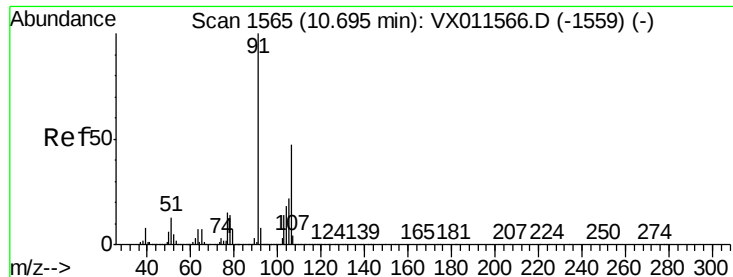
Tgt Ion: 106 Resp: 753943

Ion Ratio Lower Upper

106 100

91 203.0 156.0 234.0





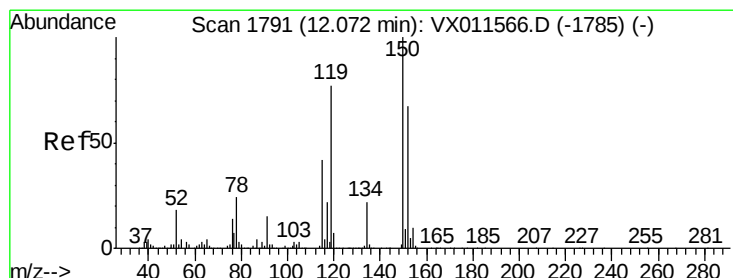
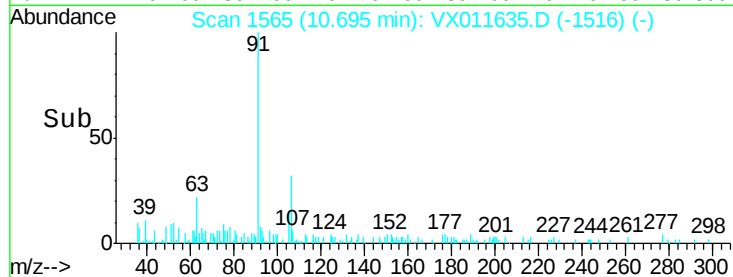
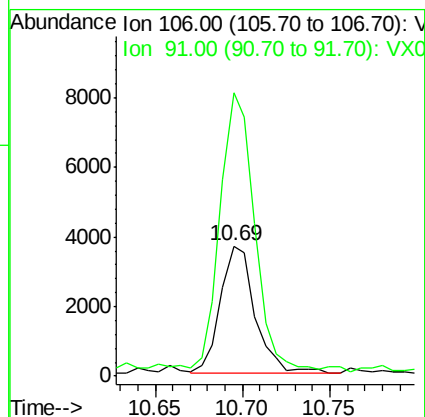
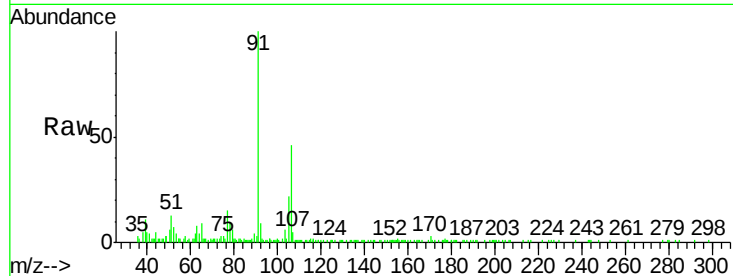
#69
o-Xylene
Concen: 0.714 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.4	105.5	316.4

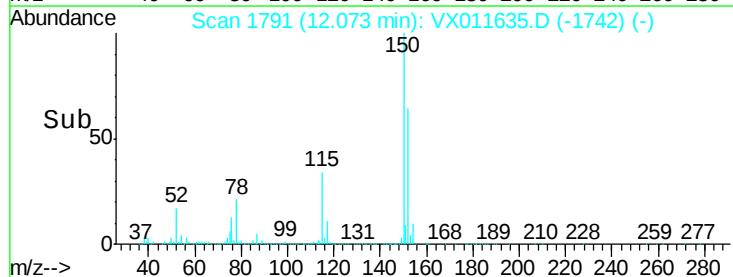
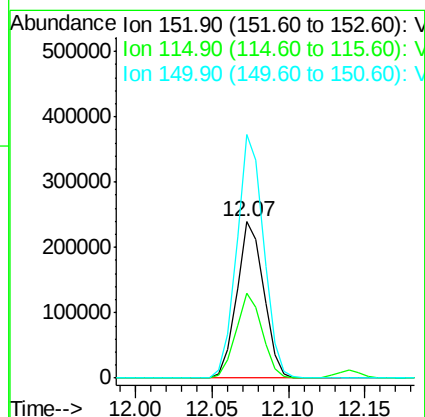
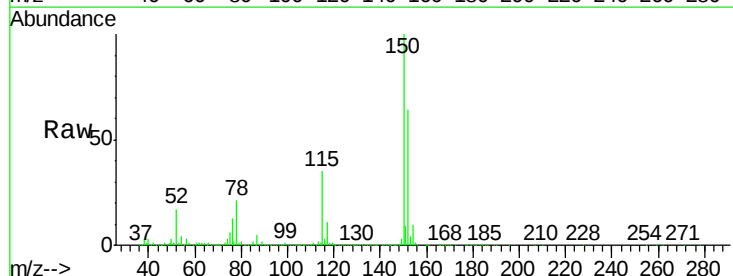
Manual Integrations
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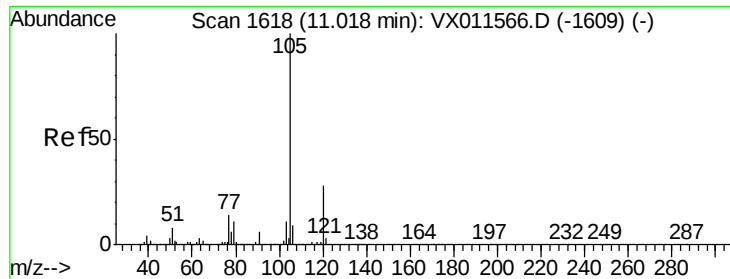
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.8	37.3	111.9
150	155.8	0.0	346.2





#73

Isopropylbenzene

Concen: 3.100 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011635.D

Acq: 19 Aug 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

PH2-0133DL

Tot Ion: 105 Resp: 58861

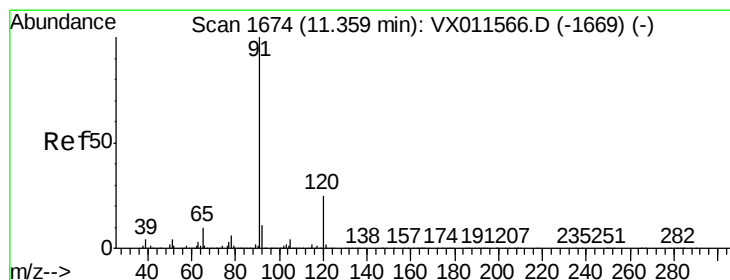
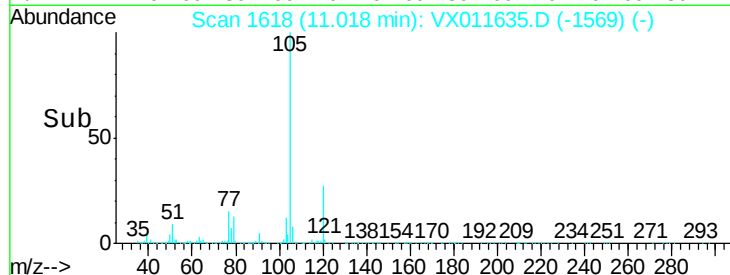
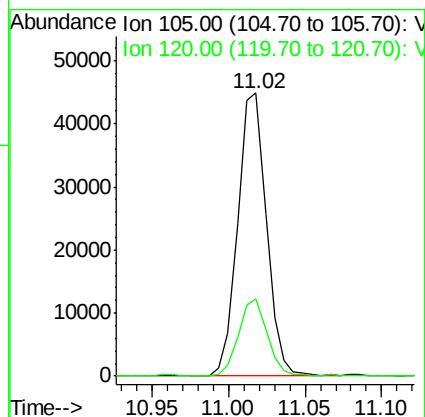
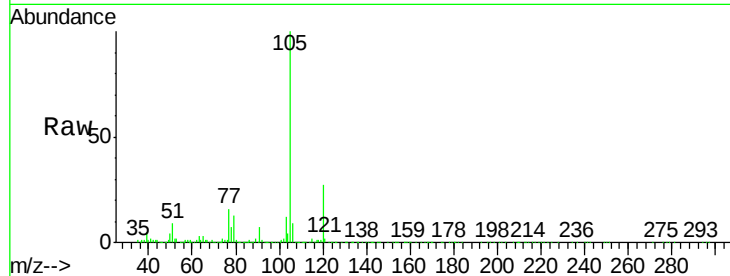
Ion Ratio Lower Upper

105 100

120 26.6 14.0 41.9

Manual Integrations
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#78

n-propylbenzene

Concen: 4.034 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011635.D

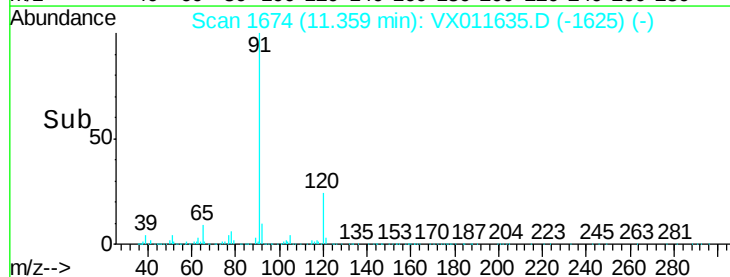
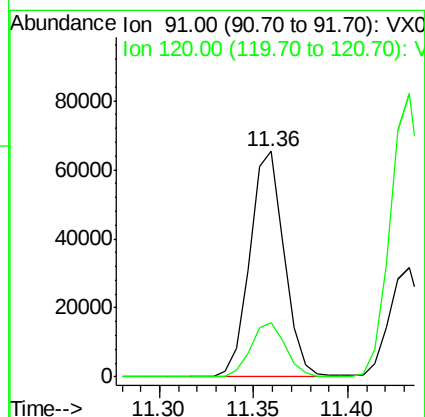
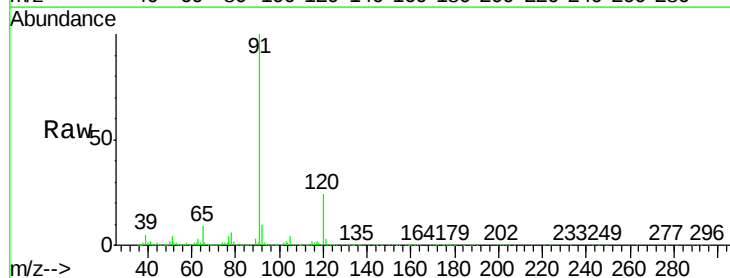
Acq: 19 Aug 2019 16:29

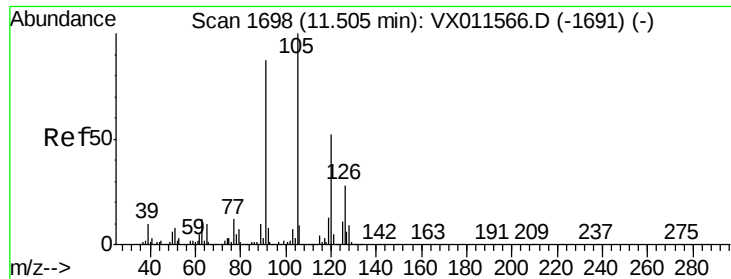
Tgt Ion: 91 Resp: 82601

Ion Ratio Lower Upper

91 100

120 24.5 12.6 37.6





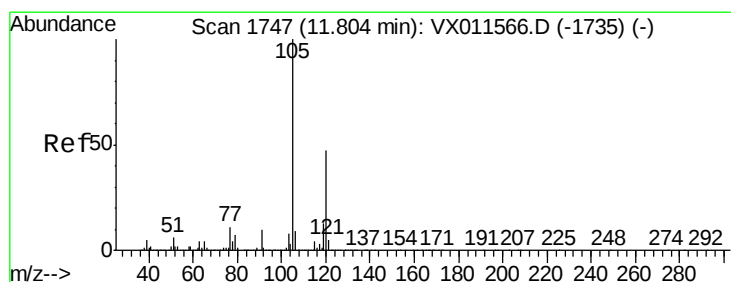
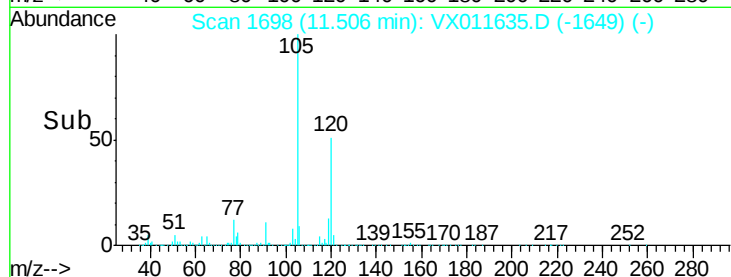
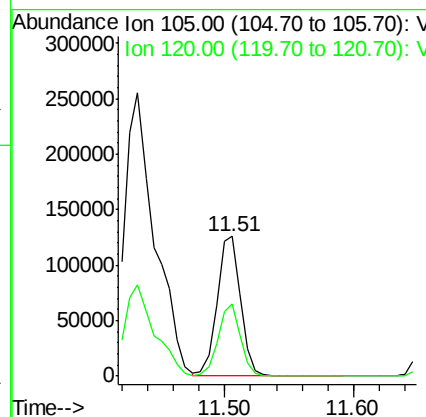
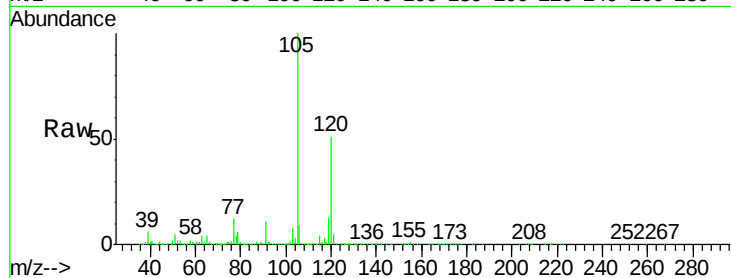
#80
 1,3,5-Trimethylbenzene
 Concen: 10.064 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011635.D
 Acq: 19 Aug 2019 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0133DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.0	25.3	75.8

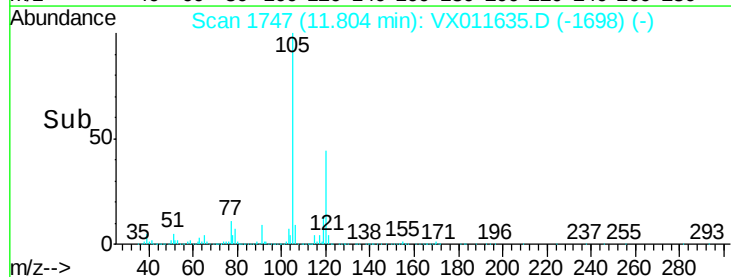
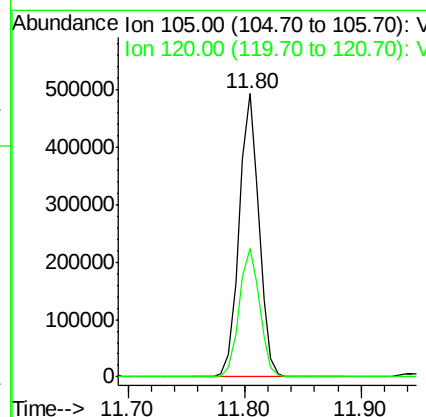
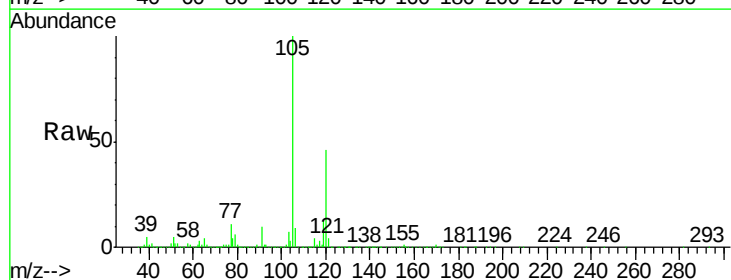
Manual Integrations
 APPROVED

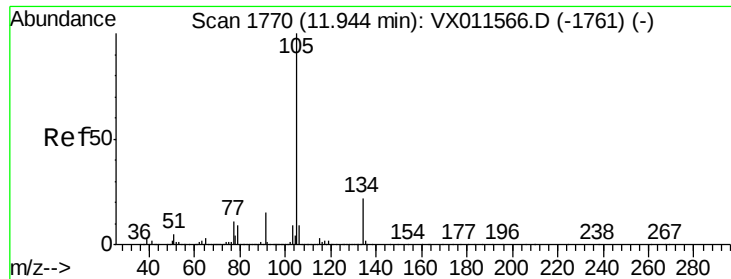
MMDadoda
 8/20/2019 3:41:31 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 36.447 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011635.D
 Acq: 19 Aug 2019 16:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.3	69.9





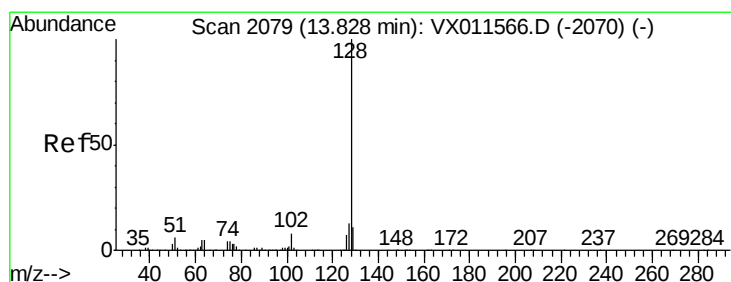
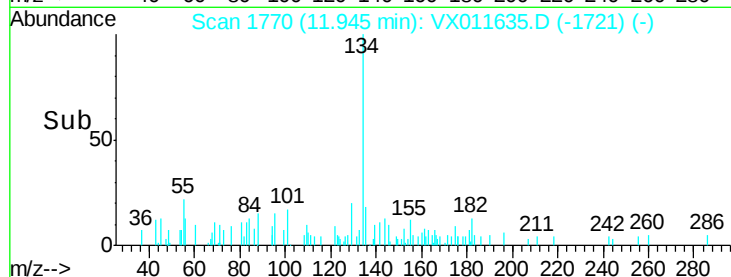
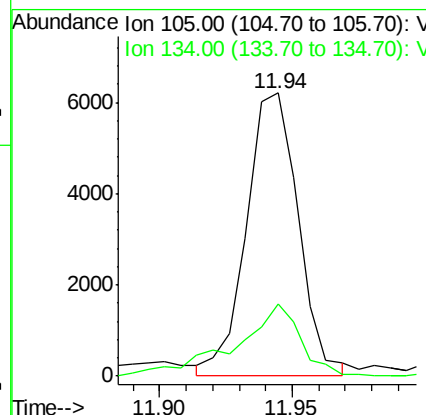
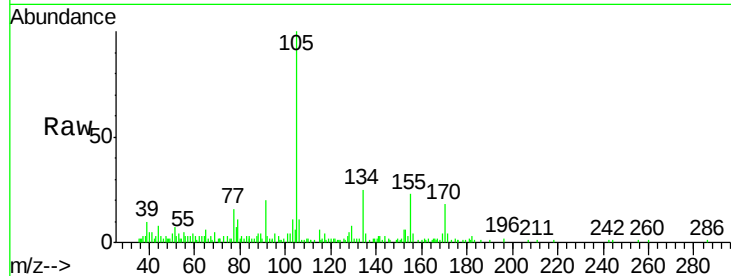
#85
 sec-Butylbenzene
 Concen: 0.462 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011635.D
 Acq: 19 Aug 2019 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0133DL

Tot Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.8	32.4#

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 3:41:31 PM



#95
 Naphthalene
 Concen: 10.954 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX011635.D
 Acq: 19 Aug 2019 16:29

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.1	8.7	13.1

