

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006328.D
 Acq On : 06 Dec 2018 19:37
 Operator : JC/MD
 Sample : J6248-06ME
 Misc : 4.99g/5mL/100uL/5.0ml/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4UST-SW-6ME

Manual Integrations
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MMDadoda
 12/7/2018 11:19:19 AM

Quant Time: Dec 07 12:41:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	720396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1064765	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	980161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	759263	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	341466	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
35) Dibromofluoromethane	5.50	113	323014	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
50) Toluene-d8	8.71	98	1240938	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.15	95	527595m	55.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.66%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.45	83	12379	1.064	ug/l	94
67) Ethyl Benzene	10.26	91	137544	3.975	ug/l	94
68) m/p-Xylenes	10.37	106	552309	39.843	ug/l	85
69) o-Xylene	10.71	106	332601	24.291	ug/l	98
73) Isopropylbenzene	11.02	105	2561278	48.848	ug/l	99
78) n-propylbenzene	11.37	91	7177763	123.149	ug/l	98
80) 1,3,5-Trimethylbenzene	11.52	105	4174623	95.690	ug/l	98
83) tert-Butylbenzene	11.78	119	2462337	52.899	ug/l	86
84) 1,2,4-Trimethylbenzene	11.81	105	18446366	409.480	ug/l #	46
85) sec-Butylbenzene	11.96	105	12535367	236.720	ug/l #	67
86) p-Isopropyltoluene	12.07	119	10113253	212.091	ug/l	96
89) n-Butylbenzene	12.40	91	15847880	389.518	ug/l #	54
95) Naphthalene	13.83	128	6613435	113.406	ug/l	96

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

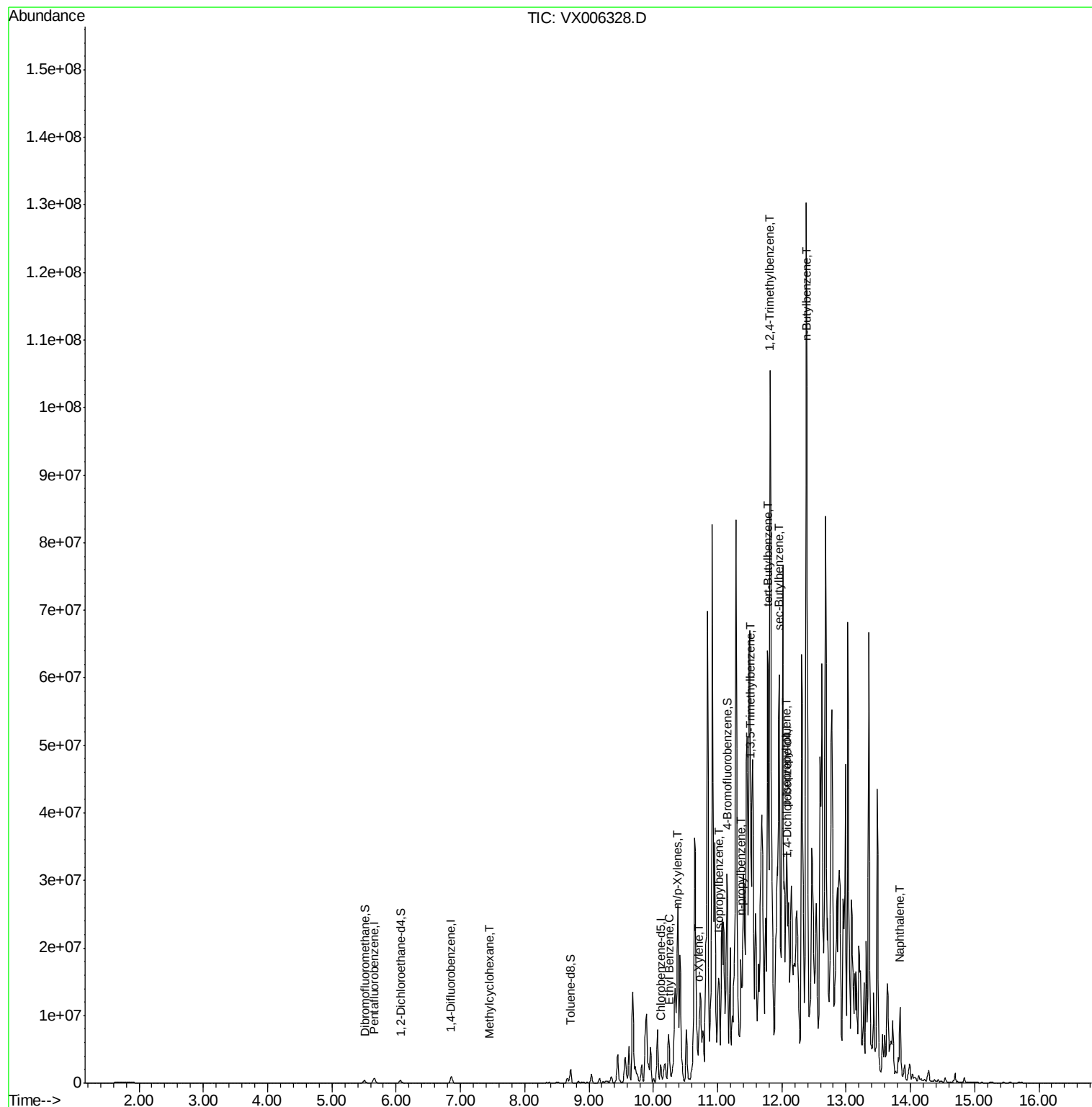
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120618\
Data File : VX006328.D
Acq On : 06 Dec 2018 19:37
Operator : JC/MD
Sample : J6248-06ME
Misc : 4.99g/5mL/100uL/5.0ml/MSVOA_X/MEOH
ALS Vial : 22 Sample Multiplier: 1

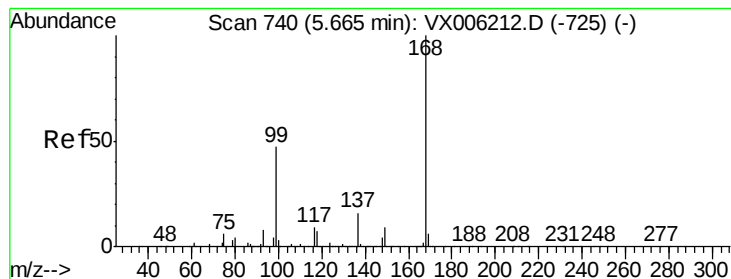
Instrument :
MSVOA_X
ClientSampleId :
4UST-SW-6ME

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Quant Time: Dec 07 12:41:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

4UST-SW-6ME

Tot Ion:168 Resp: 720396

Ion Ratio Lower Upper

168 100

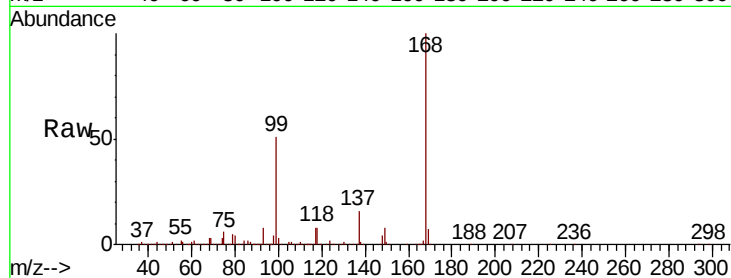
99 50.8 37.8 56.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

150000

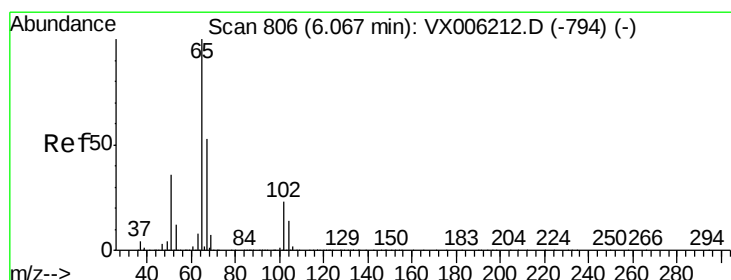
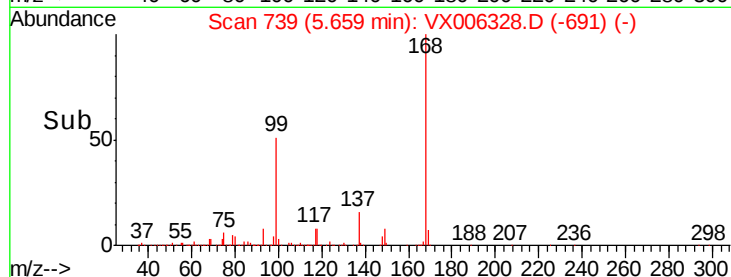
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.432 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006328.D

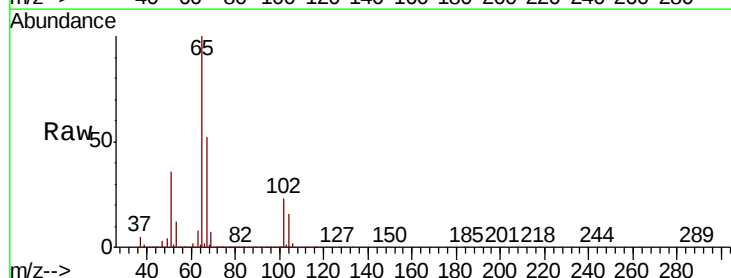
Acq: 06 Dec 2018 19:37

Tgt Ion: 65 Resp: 341466

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

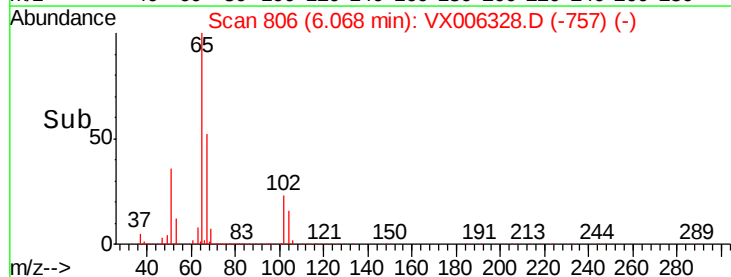
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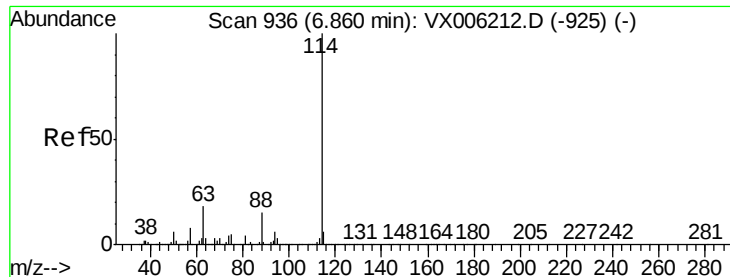
50000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

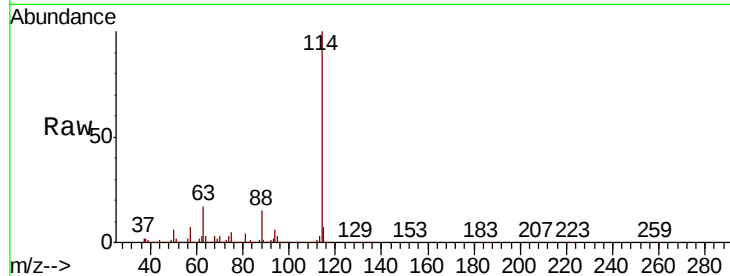
ClientSampleId :

4UST-SW-6ME

Tot Ion:	114	Resp:	1064765
Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.6
88	15.3	0.0	29.0

Manual Integrations
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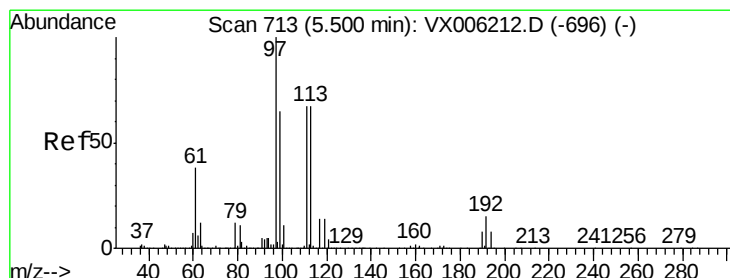
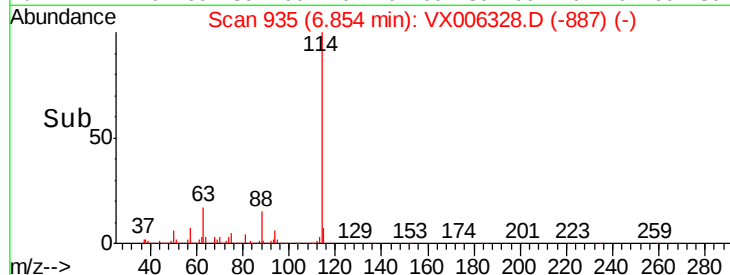
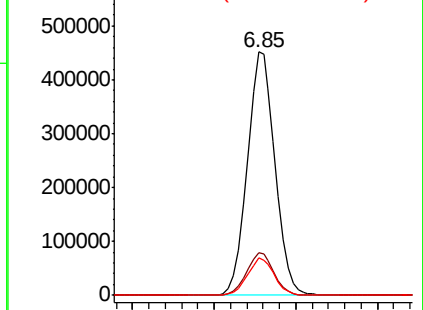
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.855 ug/l

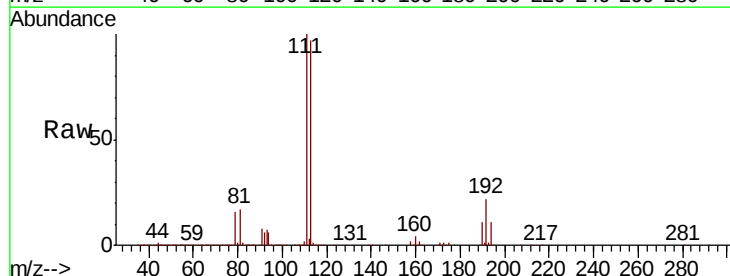
RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

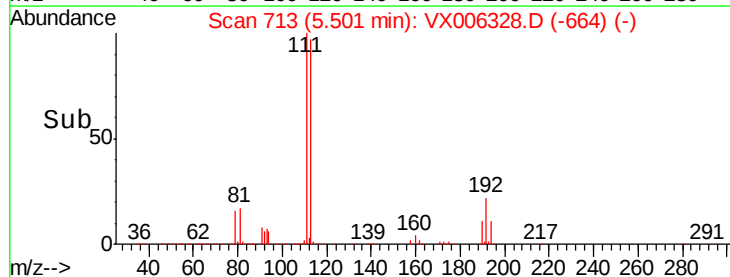
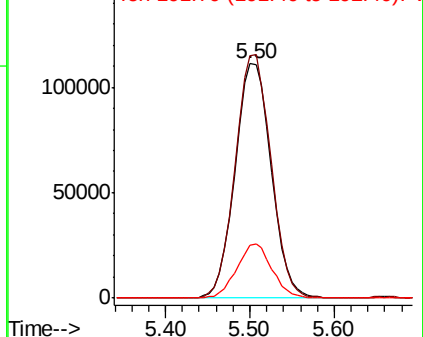
Tgt Ion:	113	Resp:	323014
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	22.3	18.2	27.2

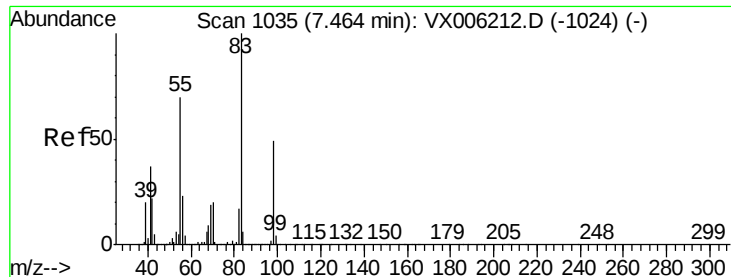


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





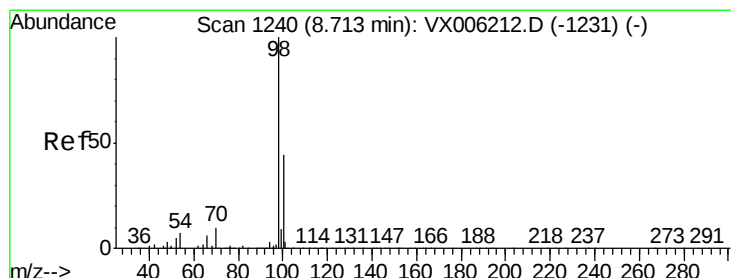
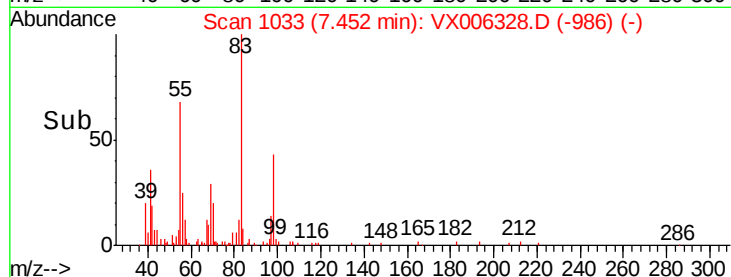
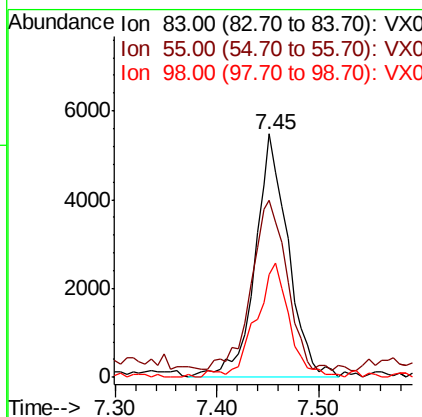
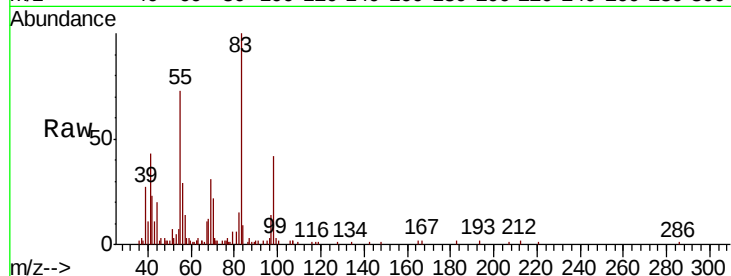
#39
Methvlcvclohexane
Concen: 1.064 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
4UST-SW-6ME

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.1	56.4	84.6
98	40.9	39.0	58.6

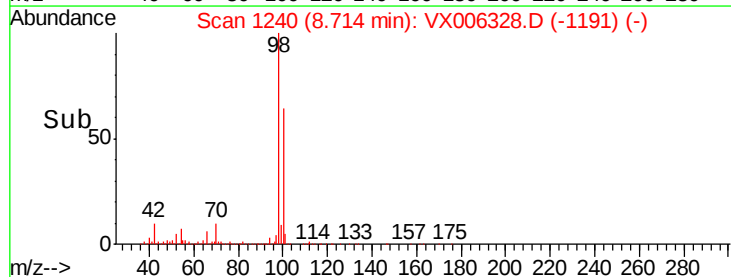
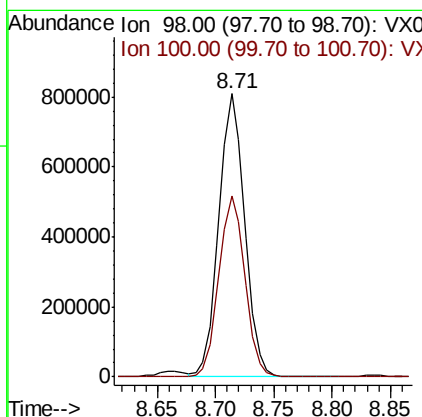
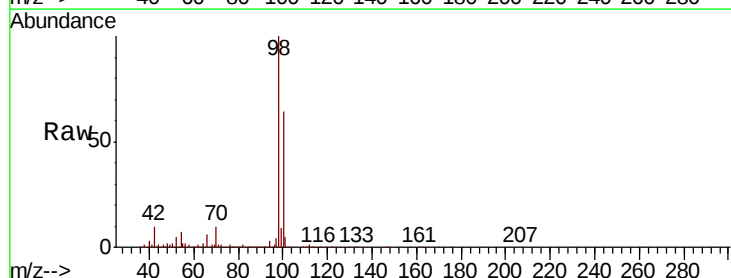
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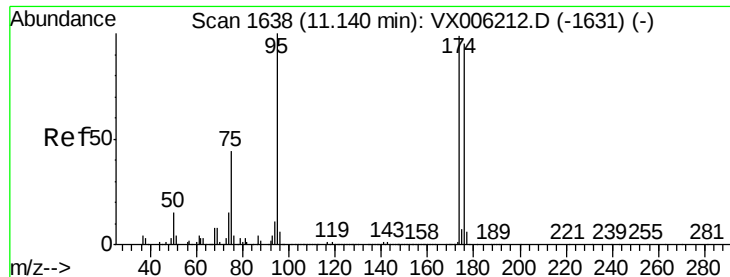
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#50
Toluene-d8
Concen: 49.487 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2





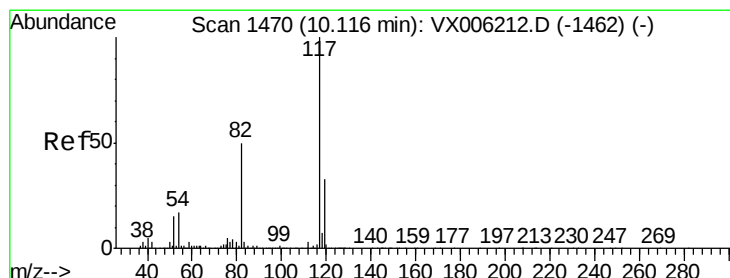
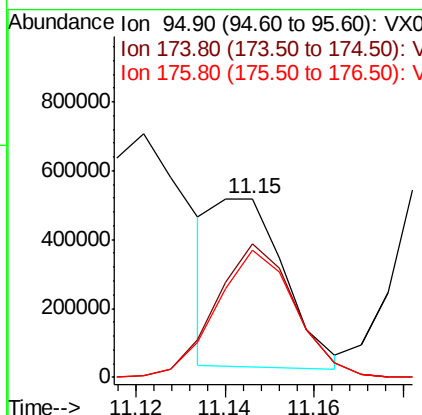
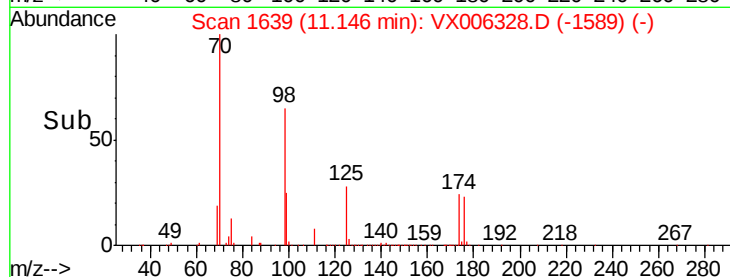
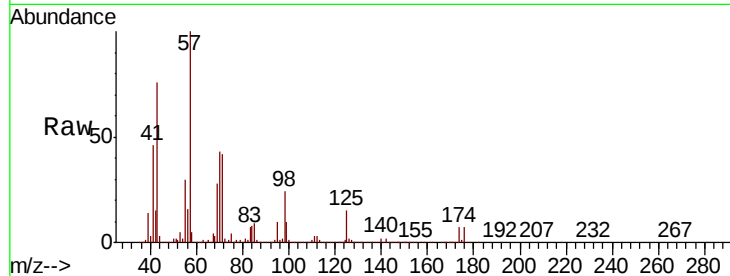
#62
4-Bromofluorobenzene
Concen: 55.834 ug/l m
RT: 11.15 min Scan# 1639
Delta R.T. 0.01 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
4UST-SW-6ME

Tot Ion	Ratio	Resp	Lower	Upper
95	100	527595		
174	0.0	0.0	187.0	
176	0.0	0.0	181.8	

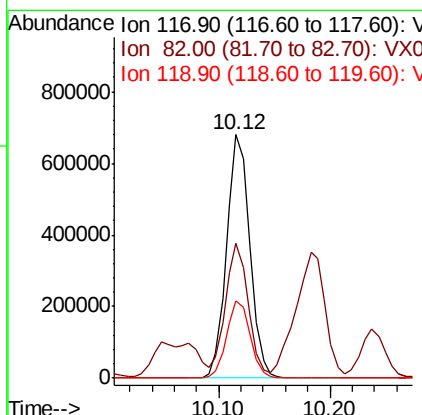
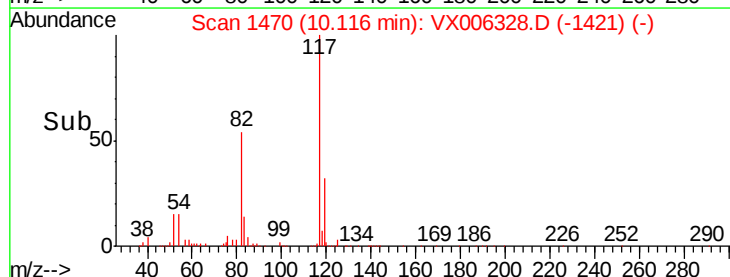
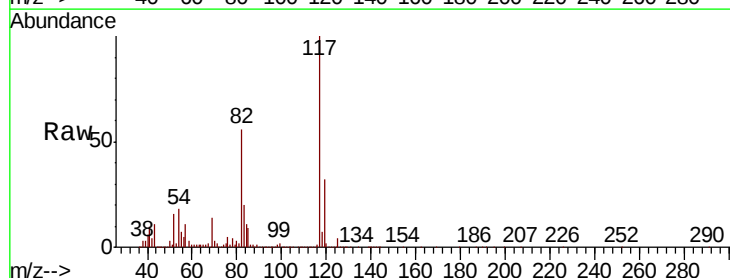
Manual Integrations
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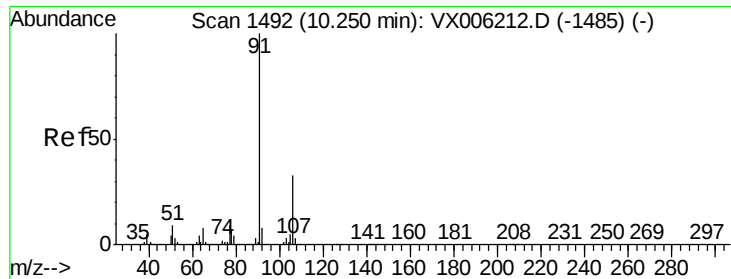
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	980161		
82	51.2	39.6	59.4	
119	31.8	26.3	39.5	





#67

Ethyl Benzene

Concen: 3.975 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

4UST-SW-6ME

Tot Ion: 91 Resp: 137544

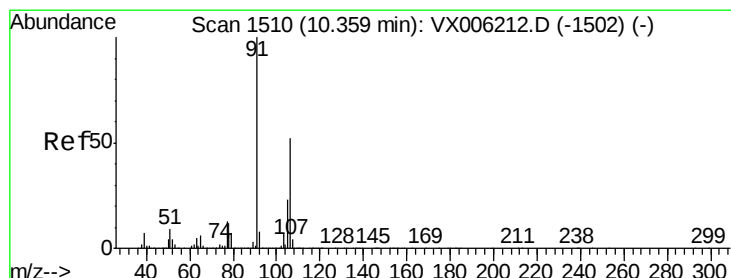
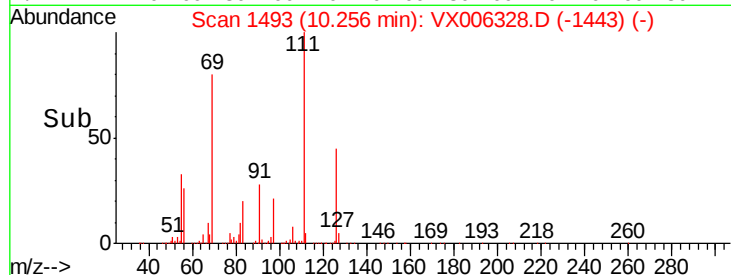
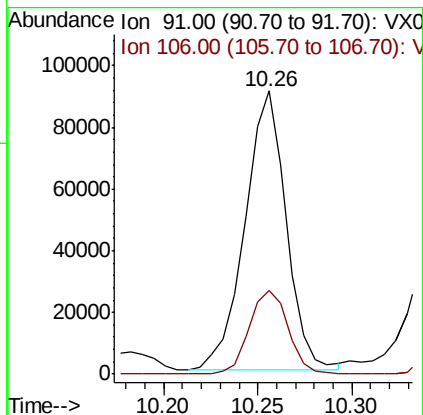
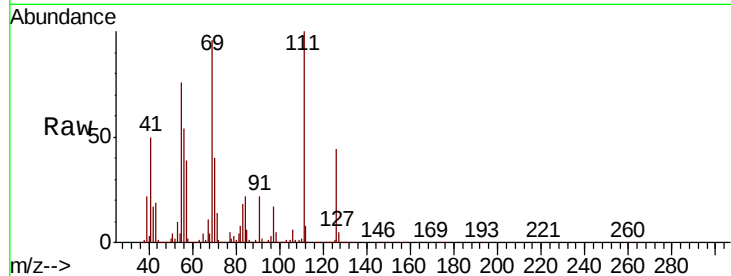
Ion Ratio Lower Upper

91 100

106 29.9 26.5 39.7

Manual Integrations
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12/7/2018 11:19:19 AM



#68

m/p-Xylenes

Concen: 39.843 ug/l

RT: 10.37 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VX006328.D

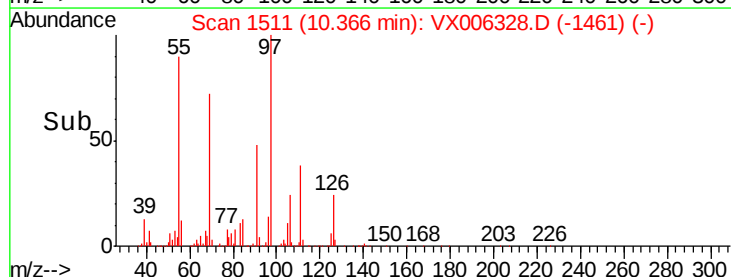
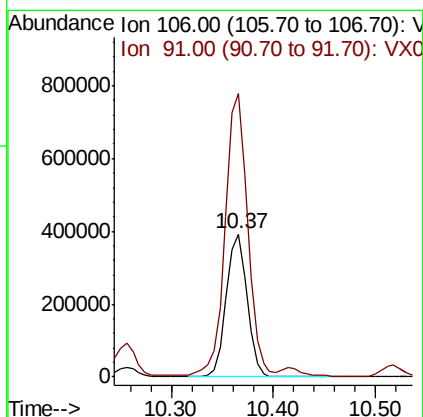
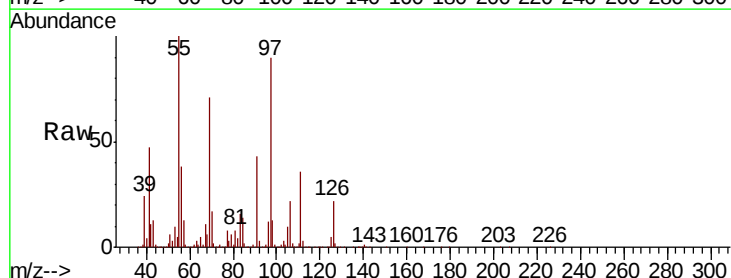
Acq: 06 Dec 2018 19:37

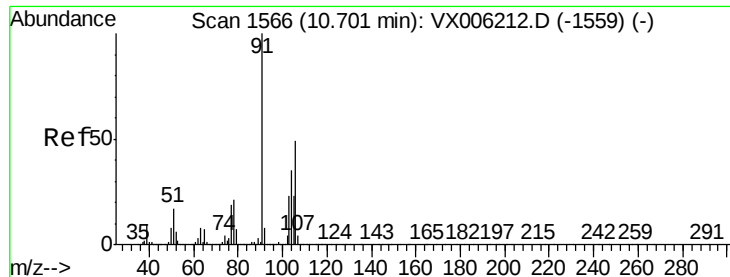
Tgt Ion: 106 Resp: 552309

Ion Ratio Lower Upper

106 100

91 216.0 155.2 232.8





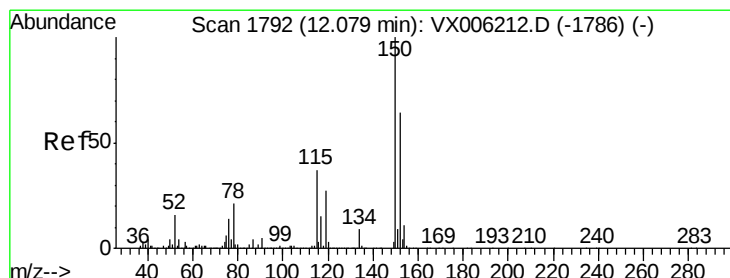
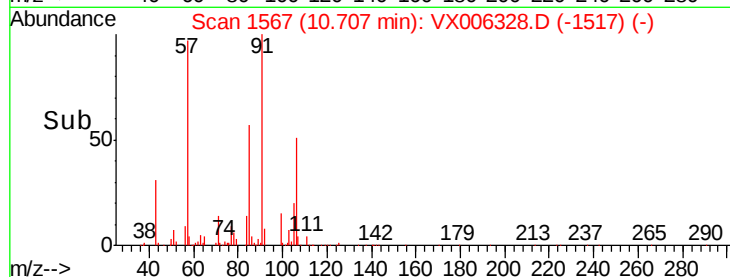
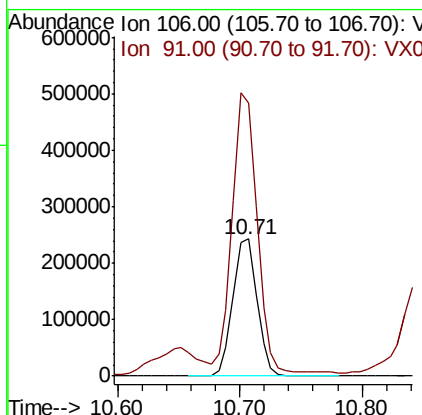
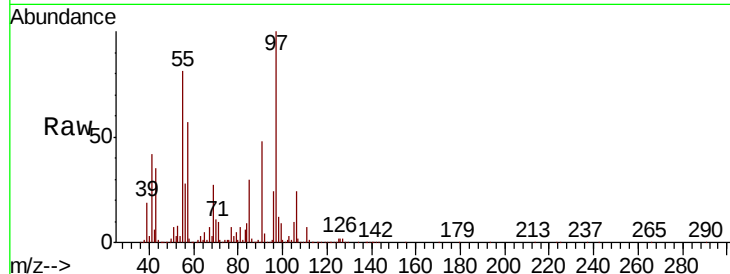
#69
o-Xylene
Concen: 24.291 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Instrument :
MSVOA_X
ClientSampled :
4UST-SW-6ME

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.2	101.8	305.6

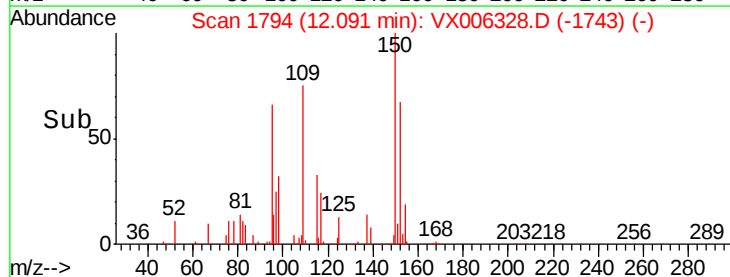
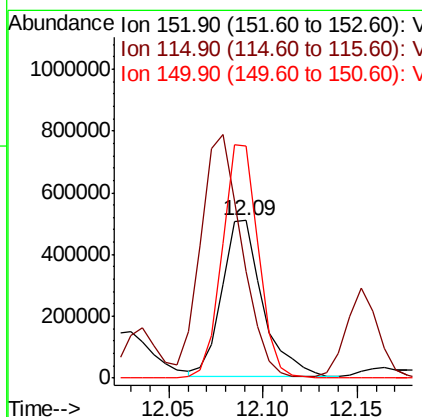
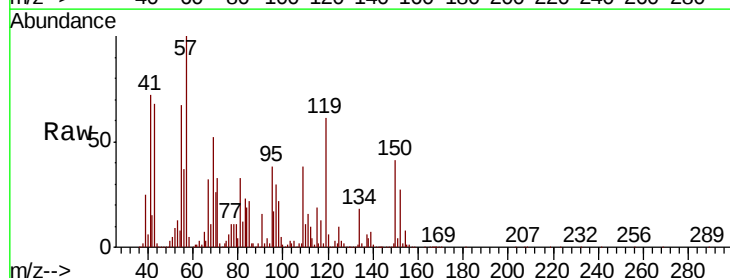
Manual Integrations
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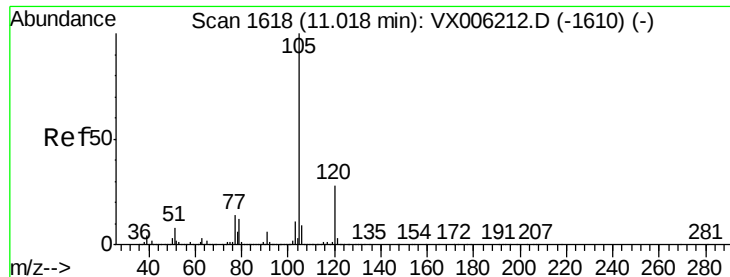
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	155.7	39.0	116.9#
150	132.2	0.0	345.8





#73

Isopropylbenzene

Concen: 48.848 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

4UST-SW-6ME

Tot Ion:105 Resp: 2561278

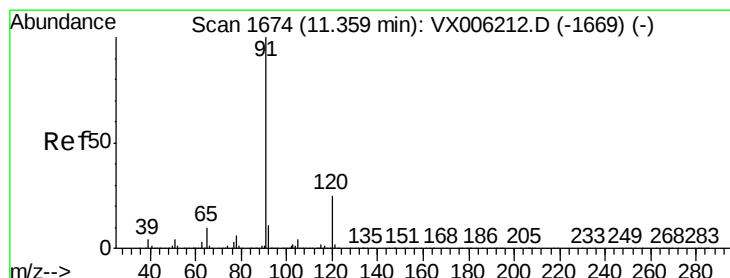
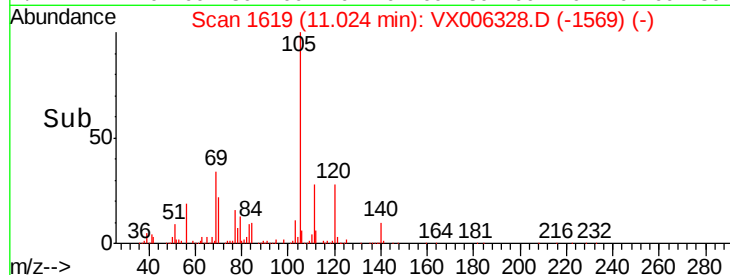
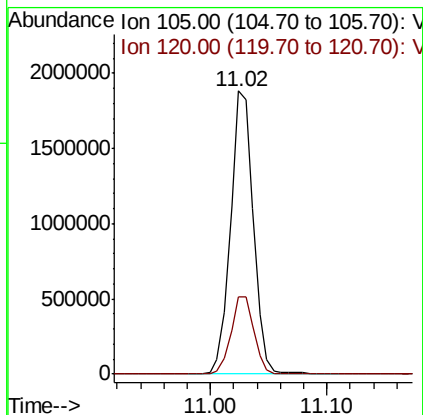
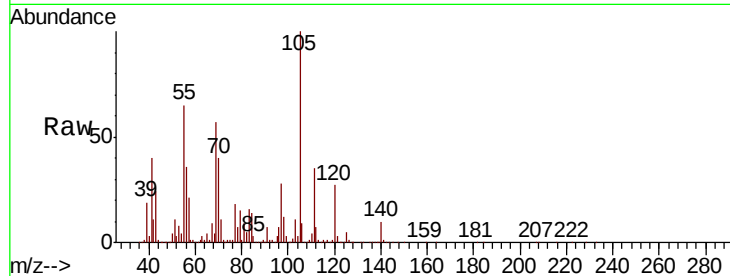
Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.3

Manual Integrations
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12/7/2018 11:19:19 AM



#78

n-propylbenzene

Concen: 123.149 ug/l

RT: 11.37 min Scan# 1676

Delta R.T. 0.01 min

Lab File: VX006328.D

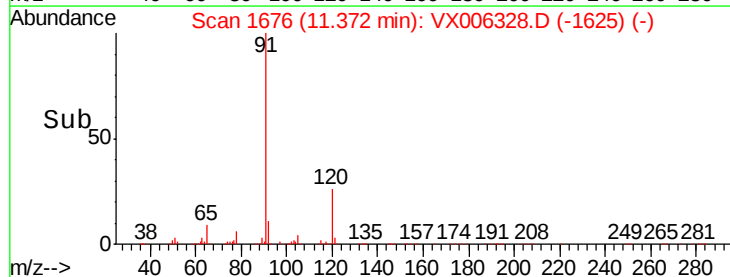
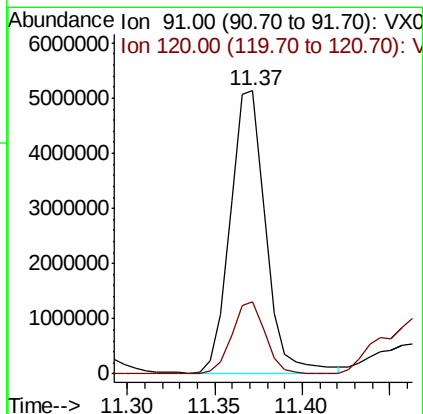
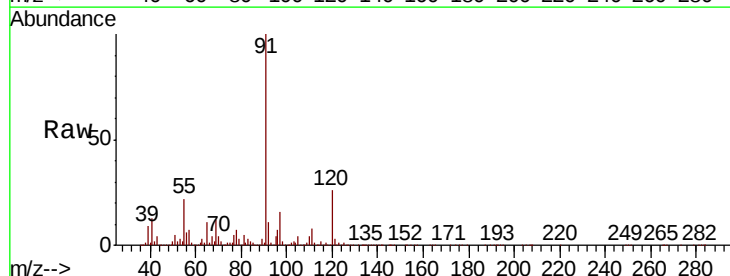
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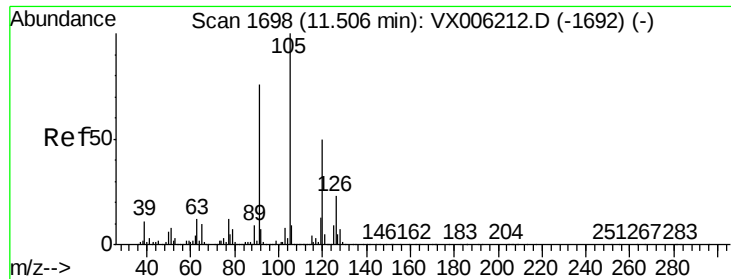
Tgt Ion: 91 Resp: 7177763

Ion Ratio Lower Upper

91 100

120 24.2 12.7 38.0





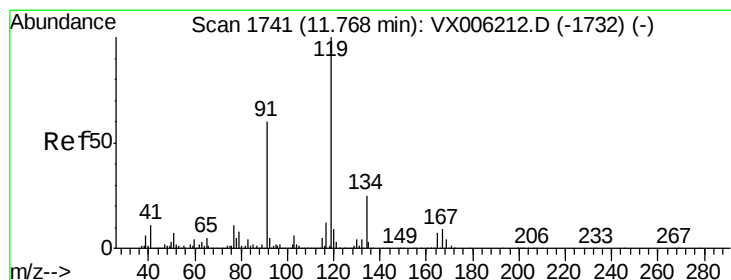
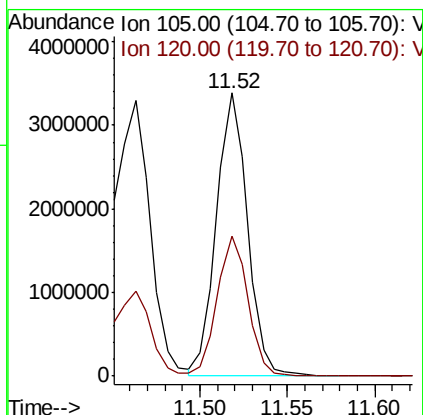
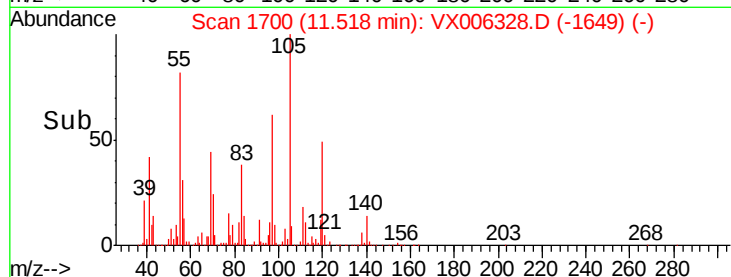
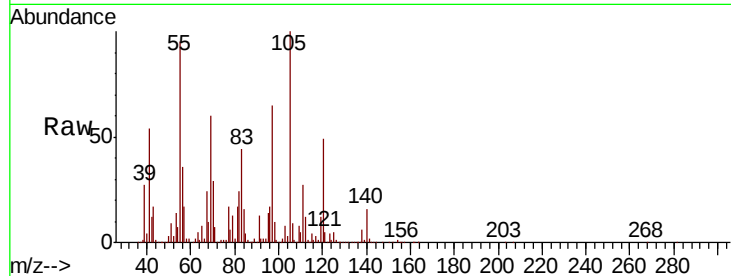
#80
 1,3,5-Trimethylbenzene
 Concen: 95.690 ug/l
 RT: 11.52 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: VX006328.D
 Acq: 06 Dec 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 4UST-SW-6ME

Tot Ion:105 Resp: 4174623
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.4 76.0

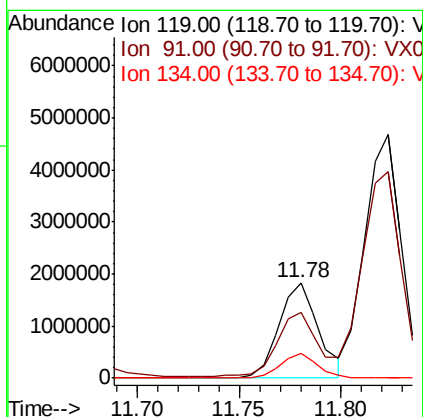
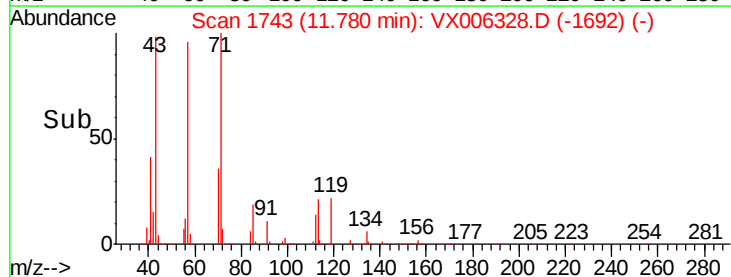
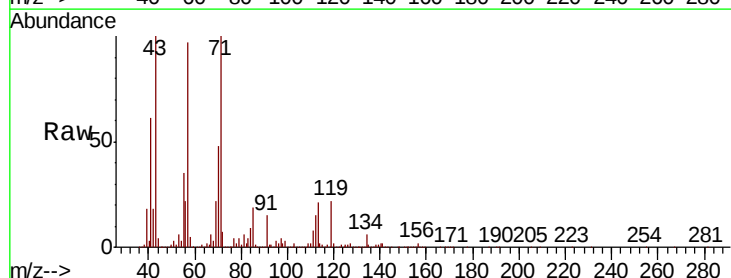
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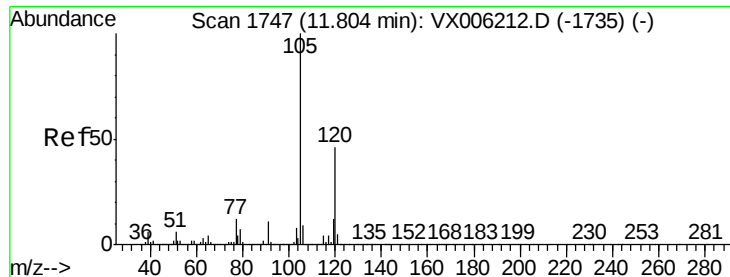
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#83
 tert-Butylbenzene
 Concen: 52.899 ug/l
 RT: 11.78 min Scan# 1743
 Delta R.T. 0.01 min
 Lab File: VX006328.D
 Acq: 06 Dec 2018 19:37

Tgt Ion:119 Resp: 2462337
 Ion Ratio Lower Upper
 119 100
 91 66.4 26.4 79.2
 134 24.6 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 409.480 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006328.D

Acq: 06 Dec 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

4UST-SW-6ME

Tot Ion:105 Resp:18446366

Ion Ratio Lower Upper

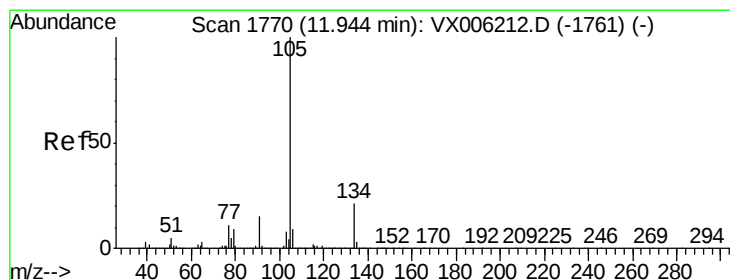
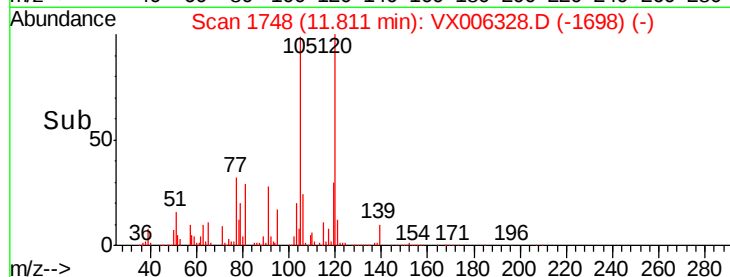
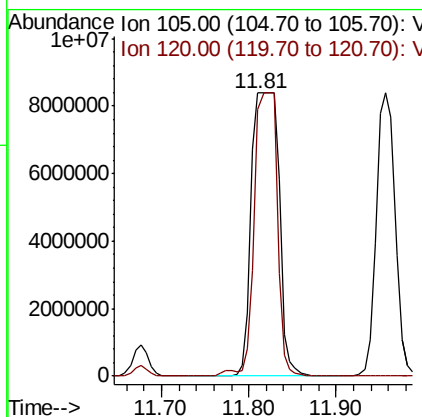
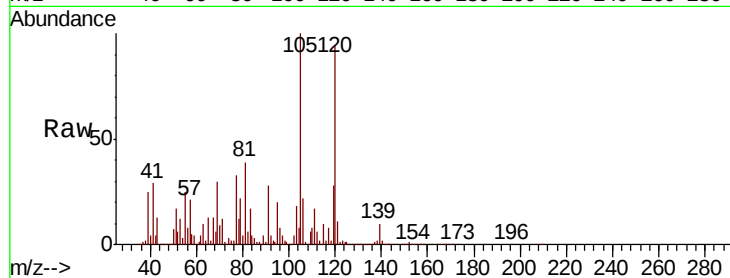
105 100

120 82.9 23.4 70.0#

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#85

sec-Butylbenzene

Concen: 236.720 ug/l

RT: 11.96 min Scan# 1772

Delta R.T. 0.01 min

Lab File: VX006328.D

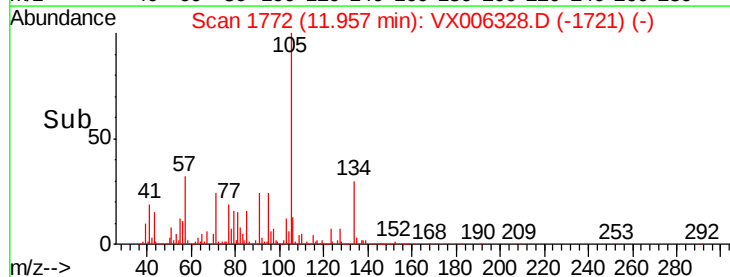
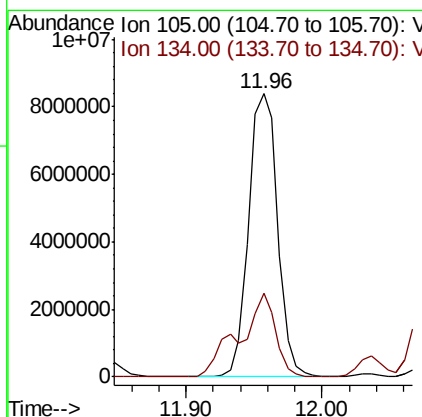
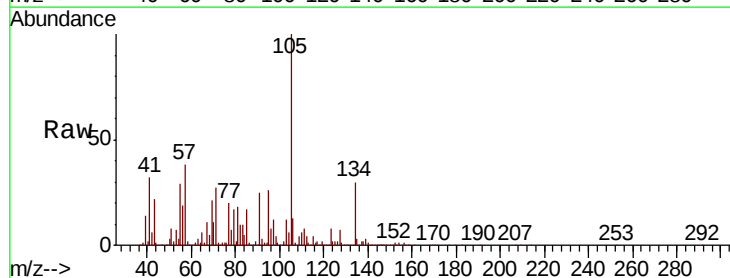
Acq: 06 Dec 2018 19:37

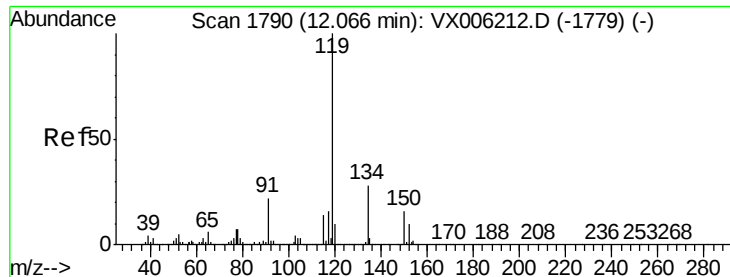
Tgt Ion:105 Resp:12535367

Ion Ratio Lower Upper

105 100

134 37.2 10.8 32.4#





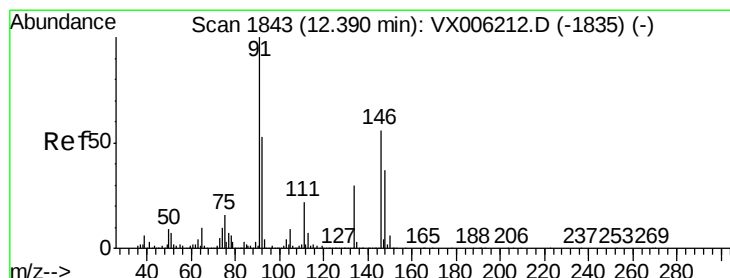
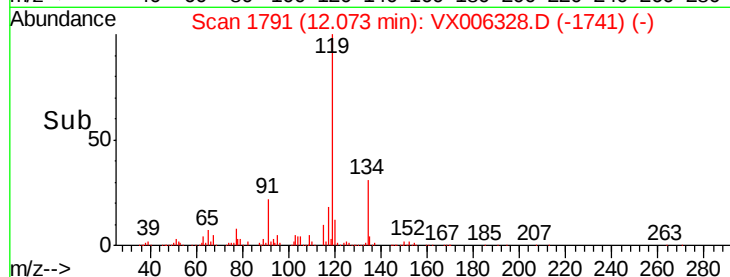
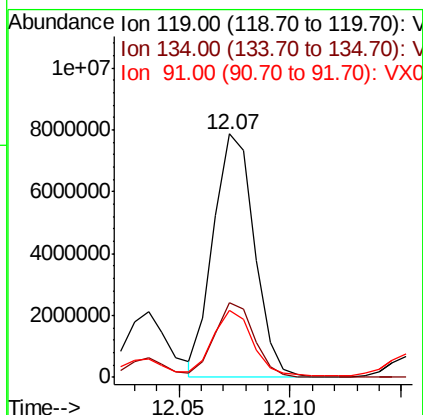
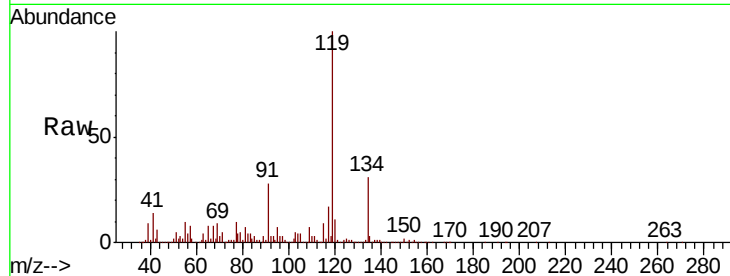
#86
 p-Isopropyltoluene
 Concen: 212.091 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX006328.D
 Acq: 06 Dec 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 4UST-SW-6ME

Tot Ion:119 Resp:10113253
 Ion Ratio Lower Upper
 119 100
 134 29.4 13.9 41.6
 91 25.3 11.3 33.8

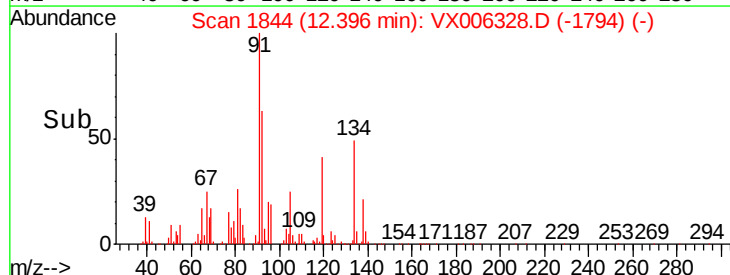
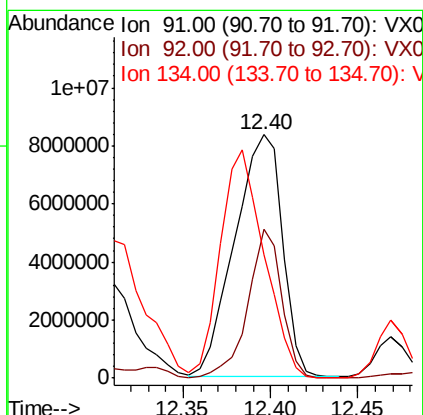
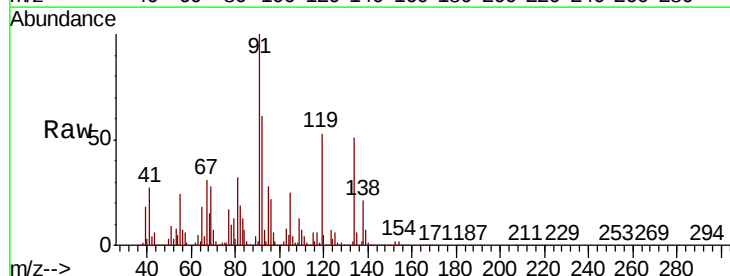
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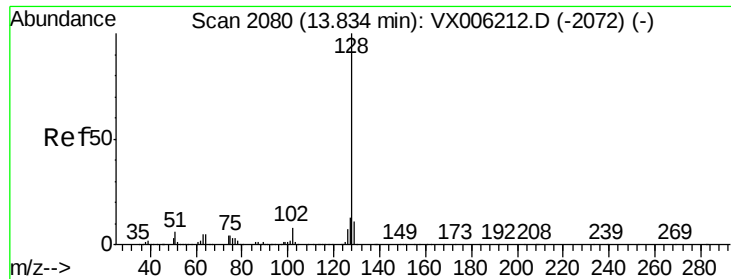
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#89
 n-Butylbenzene
 Concen: 389.518 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX006328.D
 Acq: 06 Dec 2018 19:37

Tgt Ion: 91 Resp:15847880
 Ion Ratio Lower Upper
 91 100
 92 43.3 26.6 79.8
 134 86.1 14.8 44.3#





#95
Naphthalene
Concen: 113.406 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006328.D
Acq: 06 Dec 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
4UST-SW-6ME

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	13.2	8.9	13.3

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