

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010839.D
 Acq On : 12 Jul 2019 16:26
 Operator : JC/SP
 Sample : K3786-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 11:00:39 AM

Quant Time: Jul 13 04:02:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	329548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107172	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
35) Dibromofluoromethane	5.50	113	100542	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	8.71	98	395623	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.13	95	137103	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	3110	3.149	ug/l	97
31) Cyclohexane	5.59	56	4083	1.434	ug/l #	90
39) Methylcyclohexane	7.46	83	1614	0.469	ug/l #	87
40) Benzene	6.15	78	5680	0.696	ug/l #	83
67) Ethyl Benzene	10.25	91	384445	36.759	ug/l	98
68) m/p-Xylenes	10.36	106	88925	21.944	ug/l	99
69) o-Xylene	10.69	106	2027	0.509	ug/l	94
73) Isopropylbenzene	11.02	105	28979	2.912	ug/l	99
78) n-propylbenzene	11.36	91	25149	2.299	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	5753	0.701	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	194231	23.563	ug/l	98
85) sec-Butylbenzene	11.94	105	3529m	0.365	ug/l	
86) p-Isopropyltoluene	12.06	119	2867m	0.321	ug/l	
95) Naphthalene	13.83	128	87562	8.522	ug/l	98

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

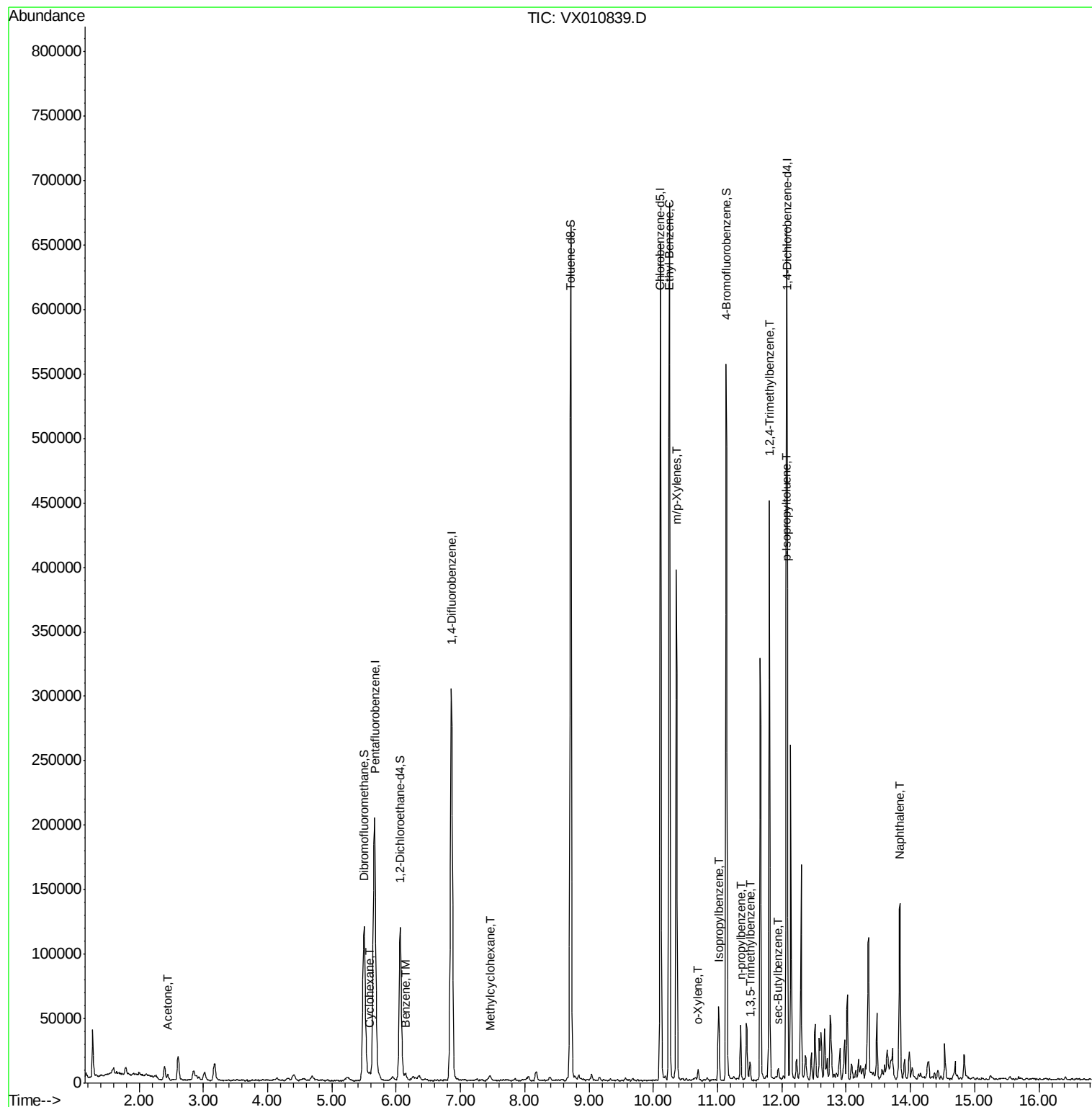
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
Data File : VX010839.D
Acq On : 12 Jul 2019 16:26
Operator : JC/SP
Sample : K3786-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

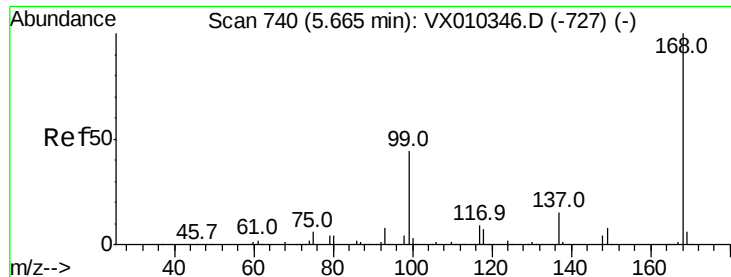
Instrument :
MSVOA_X
ClientSampled :
FL-0583

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Quant Time: Jul 13 04:02:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010839.D

Acq: 12 Jul 2019 16:26

Instrument :

MSVOA_X

ClientSampled :

FL-0583

Tot Ion:168 Resp: 210183

Ion Ratio Lower Upper

168 100

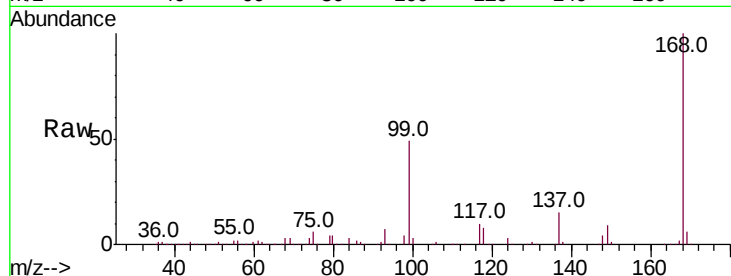
99 49.0 35.5 53.3

Manual Integrations

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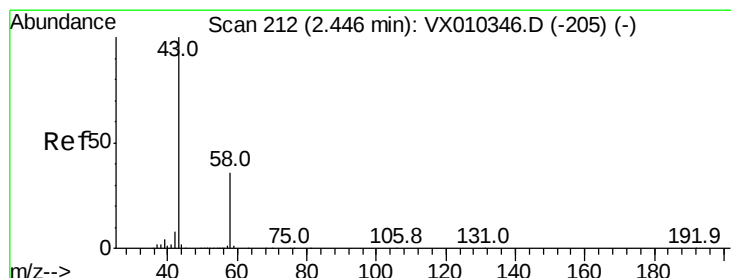
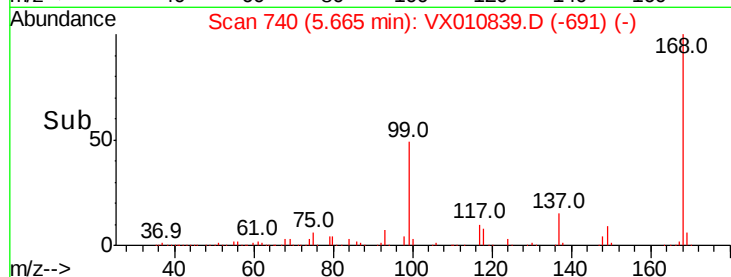
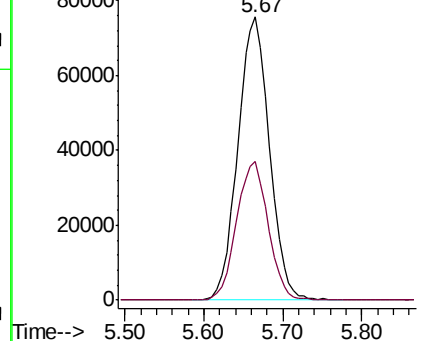
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.149 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010839.D

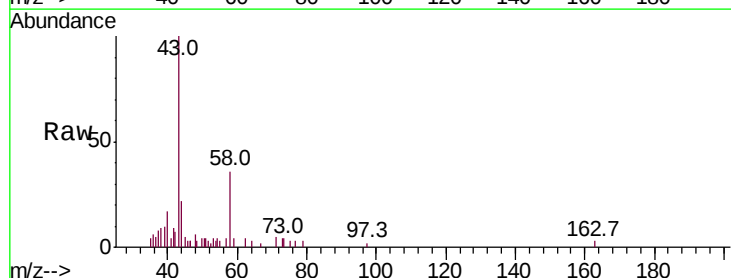
Acq: 12 Jul 2019 16:26

Tgt Ion: 43 Resp: 3110

Ion Ratio Lower Upper

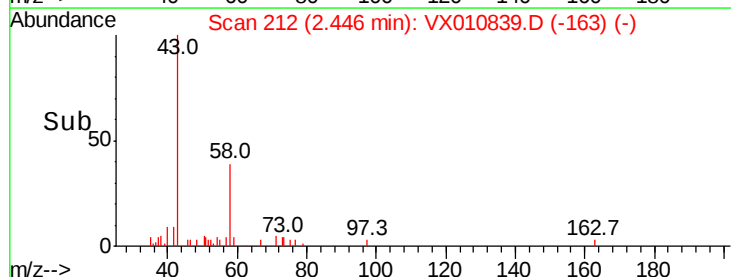
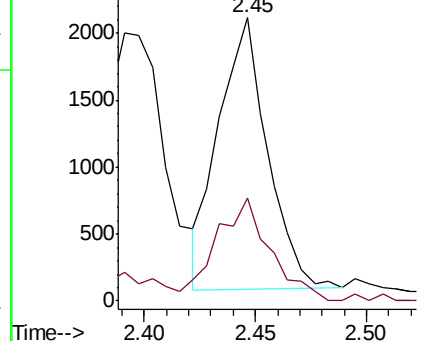
43 100

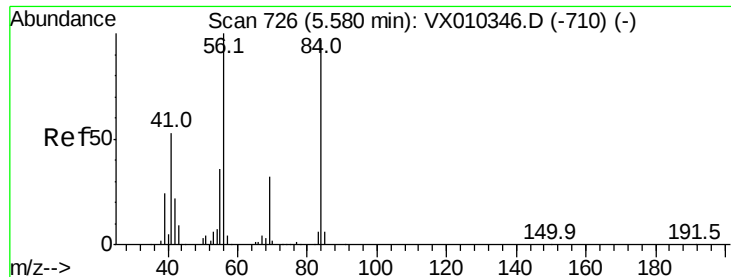
58 38.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





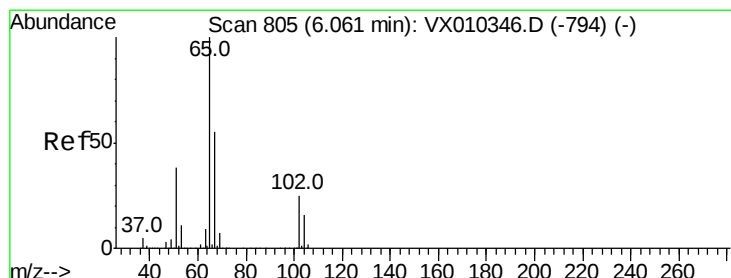
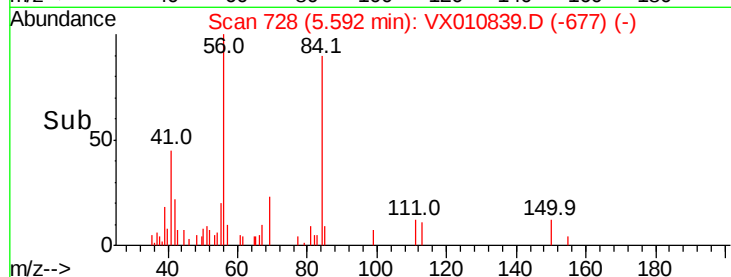
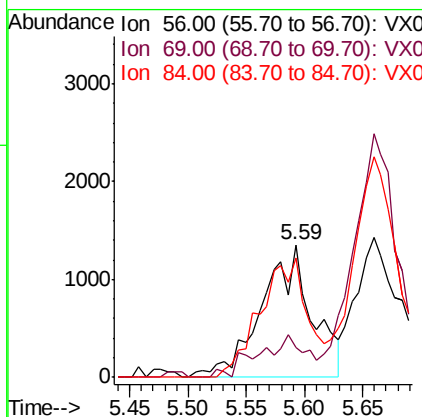
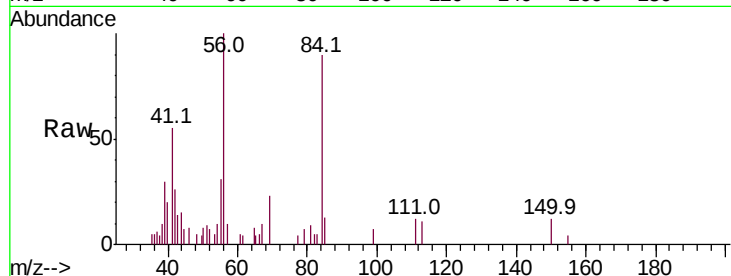
#31
Cvclohexane
Concen: 1.434 ug/l
RT: 5.59 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX010839.D
Acq: 12 Jul 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
FL-0583

Tot Ion: 56 Resp: 4083
Ion Ratio Lower Upper
56 100
69 22.8 25.9 38.9#
84 89.6 78.0 117.0

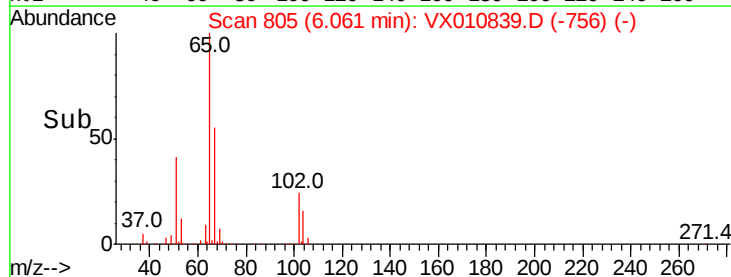
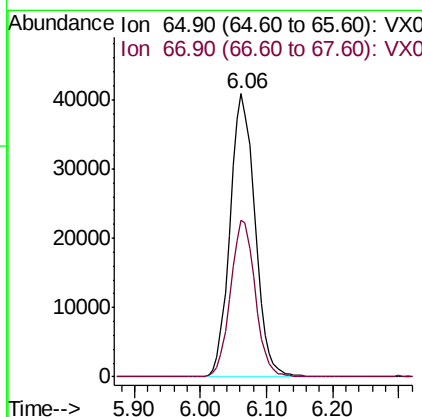
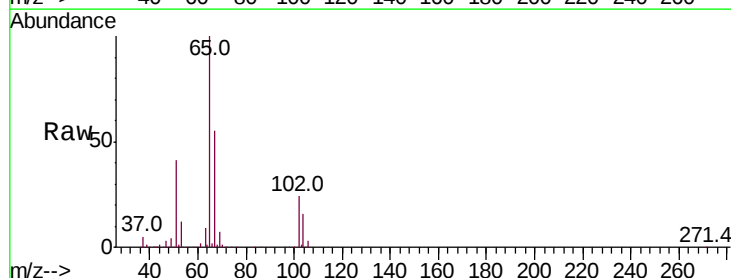
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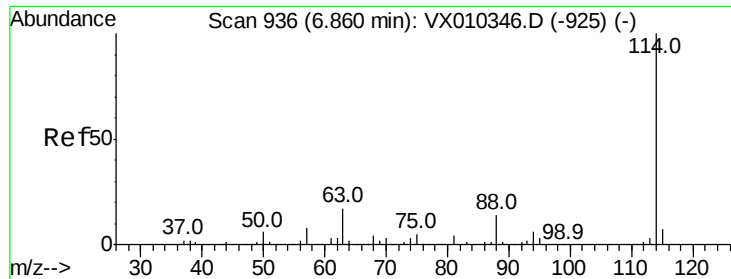
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#33
1,2-Dichloroethane-d4
Concen: 54.383 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010839.D
Acq: 12 Jul 2019 16:26

Tgt Ion: 65 Resp: 107172
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.2





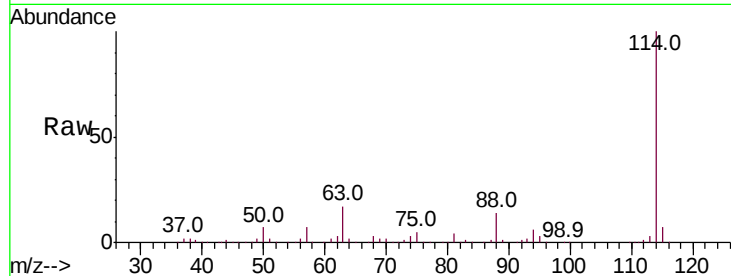
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010839.D
 Acq: 12 Jul 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583

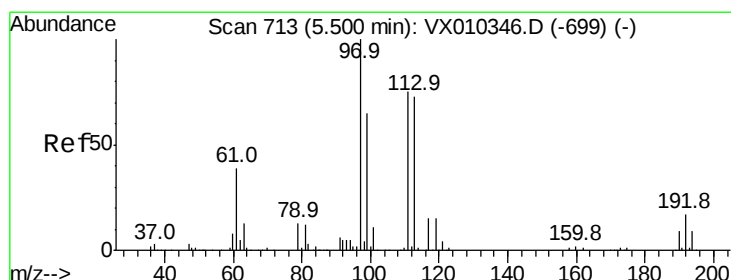
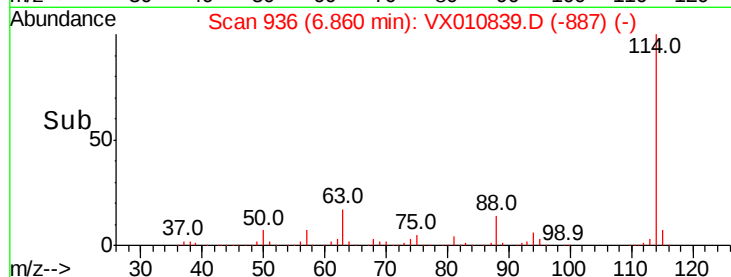
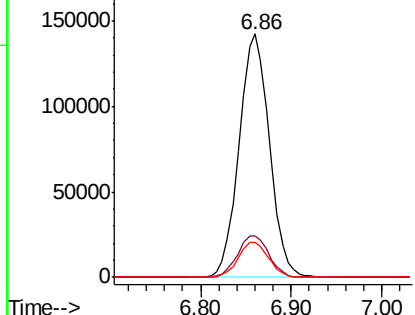
Tot Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.0	0.0	33.8	
88	14.1	0.0	27.6	

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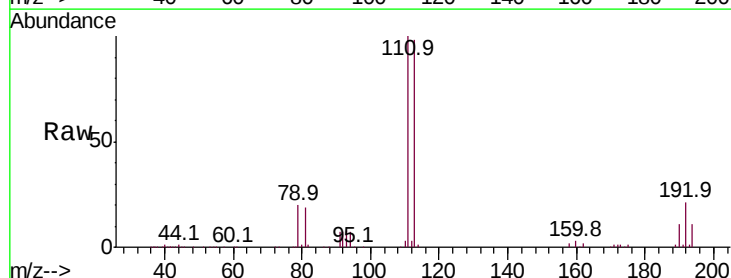


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

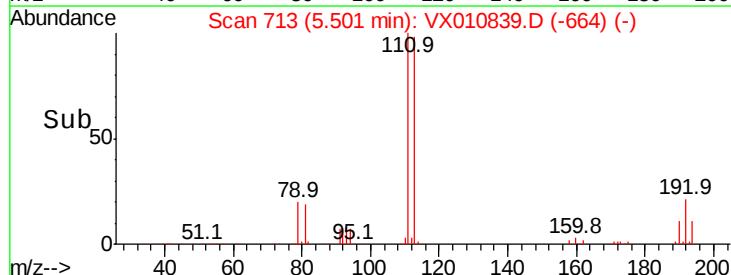
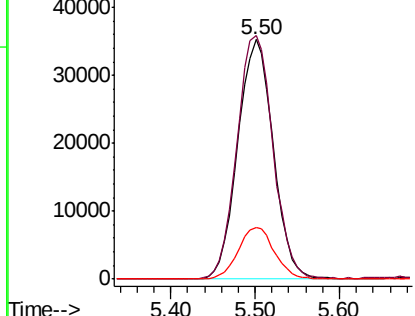


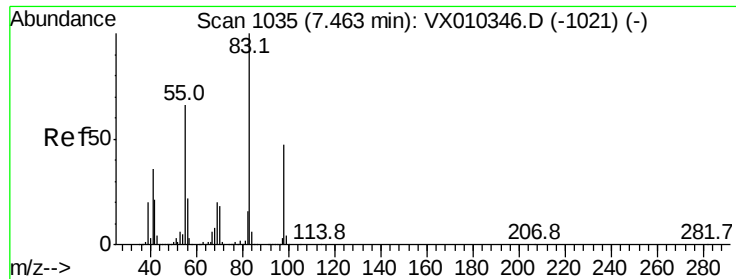
#35
 Dibromofluoromethane
 Concen: 49.865 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010839.D
 Acq: 12 Jul 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.3	81.2	121.8	
192	22.0	18.6	27.8	



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





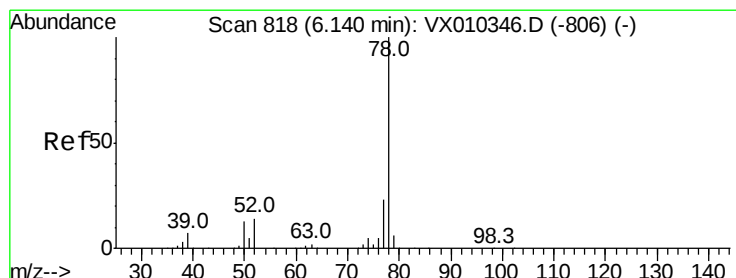
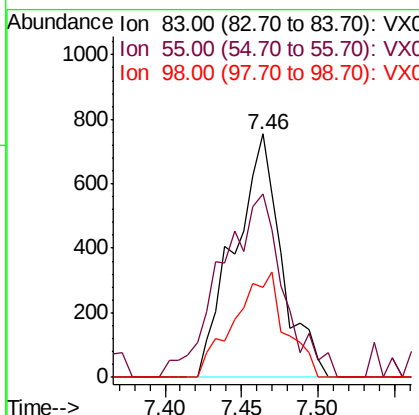
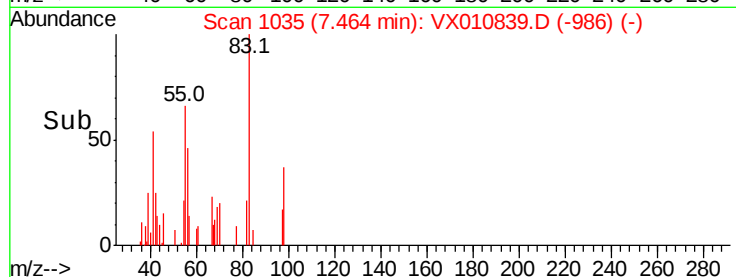
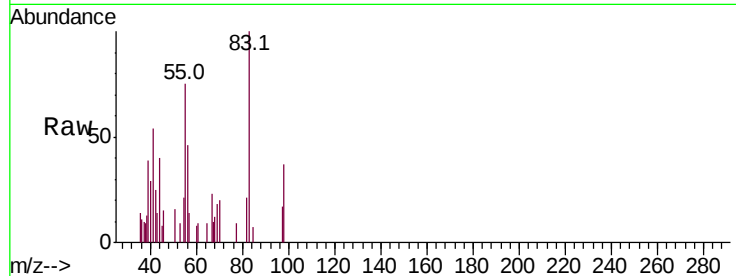
#39
Methvlcvclohexane
Concen: 0.469 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010839.D
Acq: 12 Jul 2019 16:26

Instrument :
MSVOA_X
ClientSampled :
FL-0583

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	53.0	79.6
98	36.8	37.8	56.8#

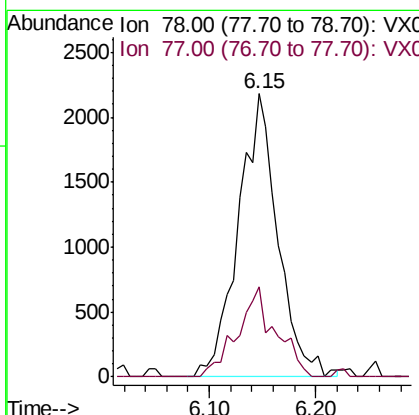
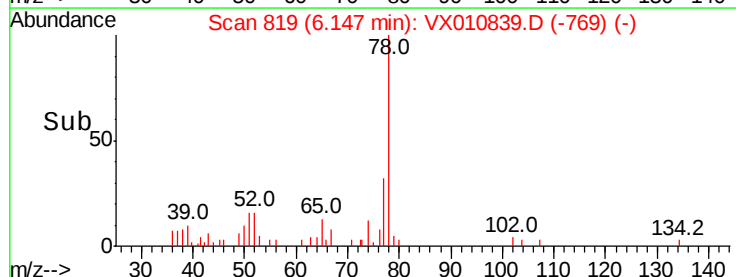
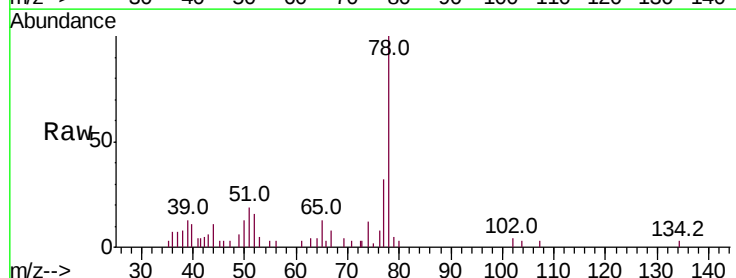
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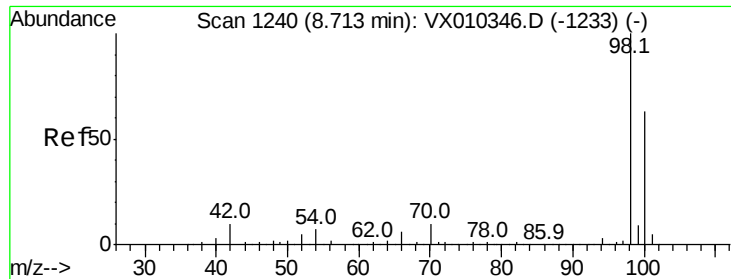
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#40
Benzene
Concen: 0.696 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010839.D
Acq: 12 Jul 2019 16:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	31.6	18.6	28.0#





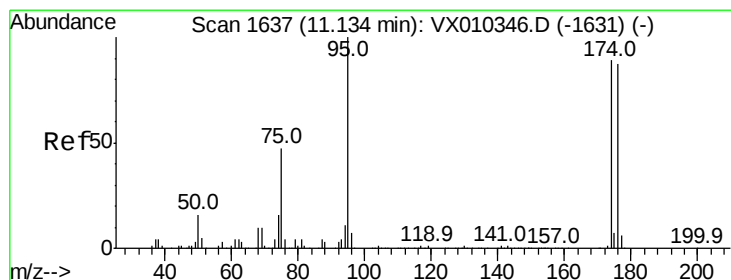
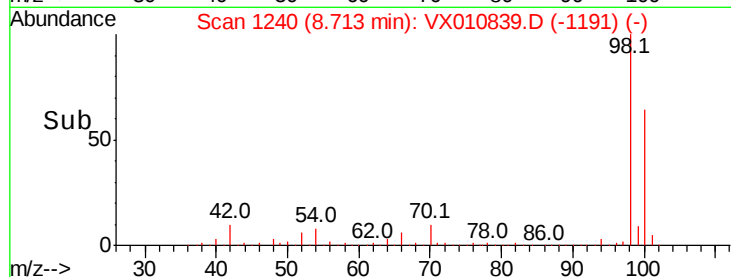
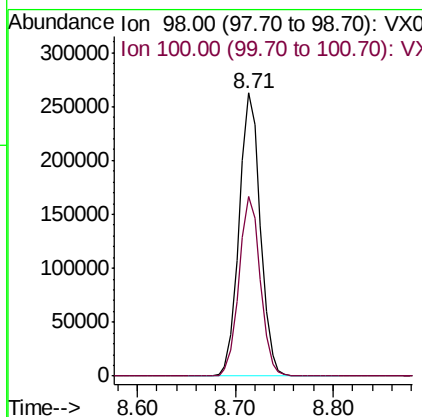
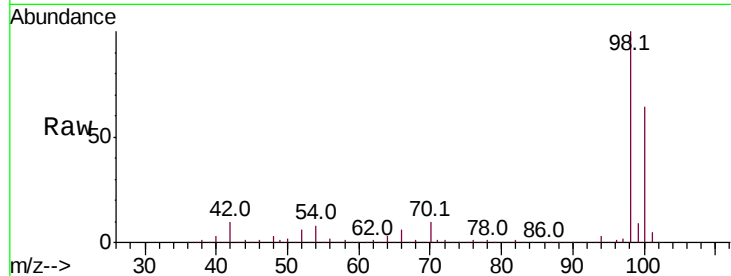
#50
Toluene-d8
Concen: 51.287 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010839.D
Acq: 12 Jul 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
FL-0583

Tot Ion: 98 Resp: 395623
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

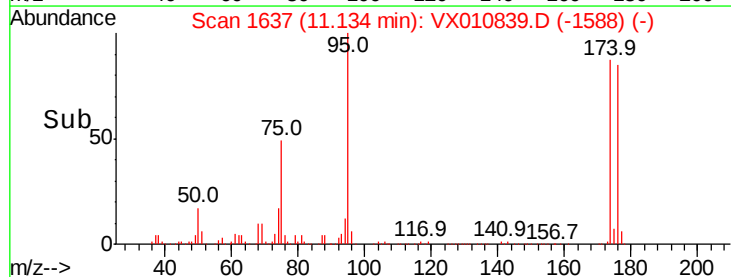
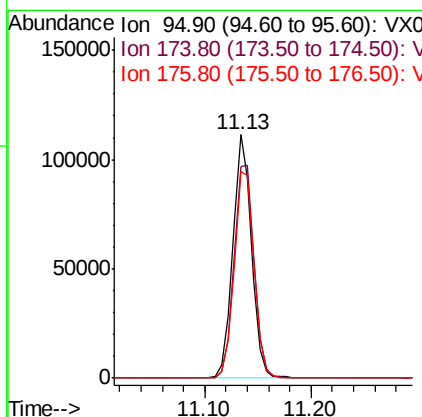
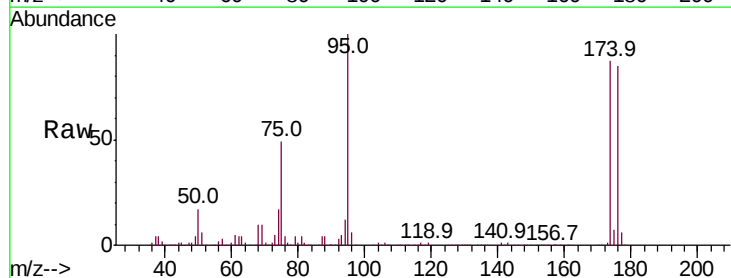
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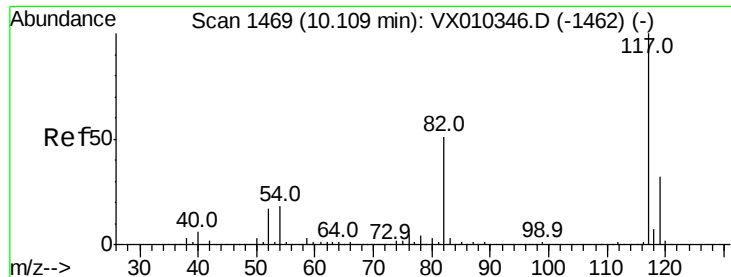
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#62
4-Bromofluorobenzene
Concen: 49.230 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010839.D
Acq: 12 Jul 2019 16:26

Tgt Ion: 95 Resp: 137103
Ion Ratio Lower Upper
95 100
174 94.3 0.0 187.6
176 90.6 0.0 184.0





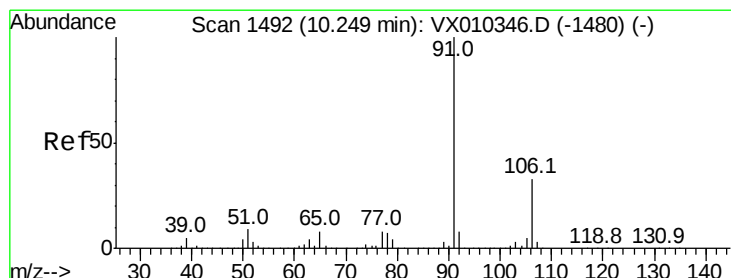
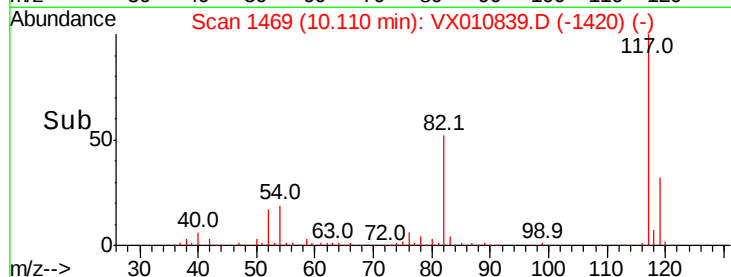
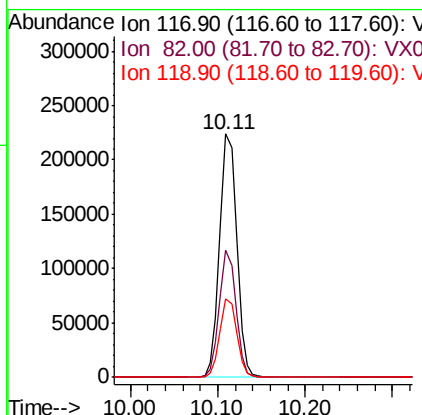
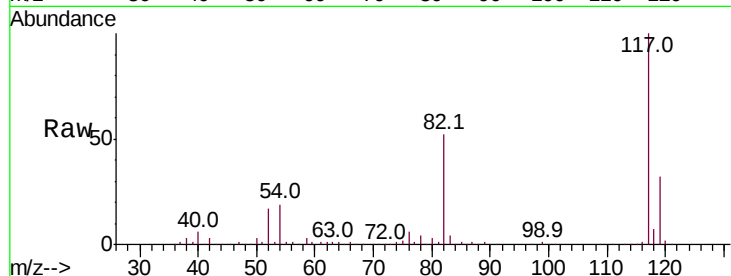
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010839.D
Acq: 12 Jul 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
FL-0583

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.2	61.8
119	32.2	25.5	38.3

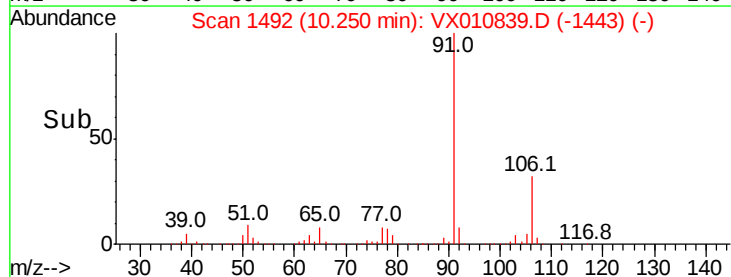
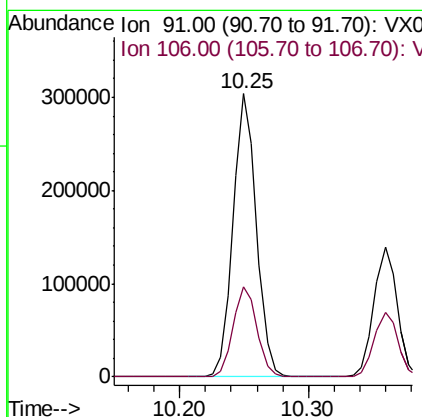
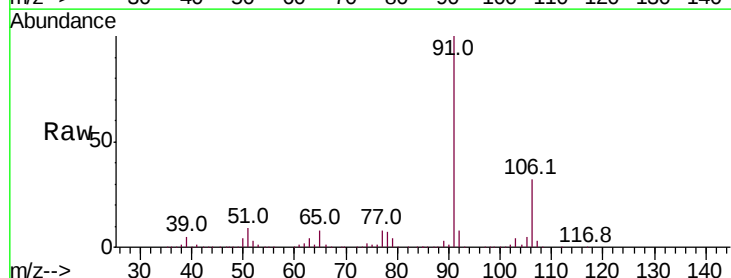
Manual Integrations
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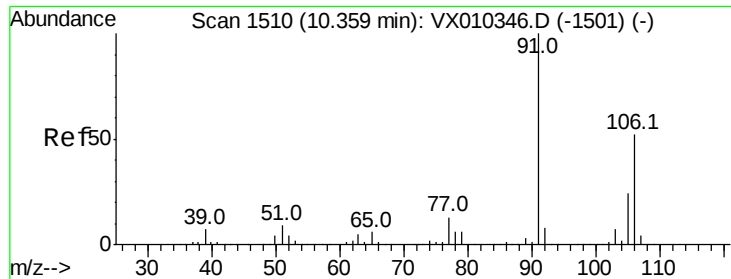
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7/15/2019 11:00:39 AM



#67
Ethyl Benzene
Concen: 36.759 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010839.D
Acq: 12 Jul 2019 16:26

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	26.2	39.2





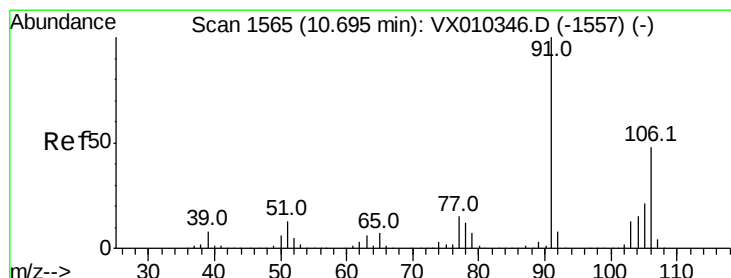
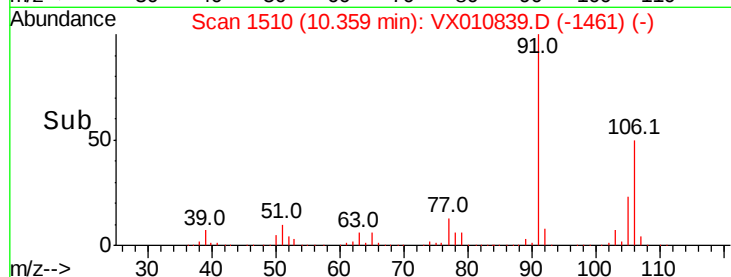
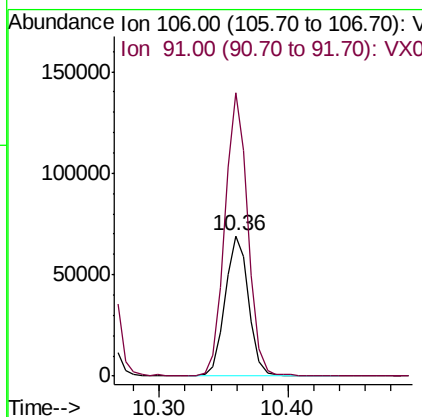
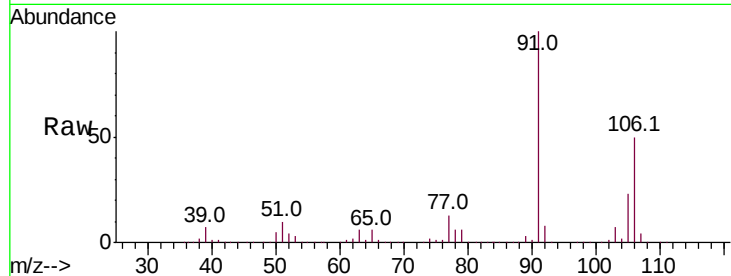
#68
m/p-Xvlenes
Concen: 21.944 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010839.D
Acq: 12 Jul 2019 16:26

Instrument :
MSVOA_X
ClientSampled :
FL-0583

Tot Ion:106 Resp: 88925
Ion Ratio Lower Upper
106 100
91 195.4 155.3 232.9

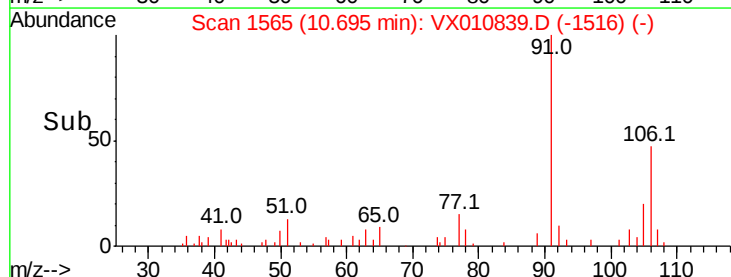
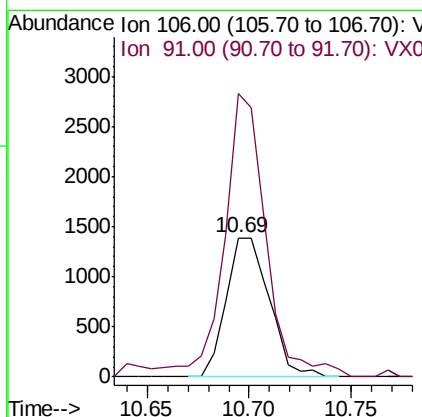
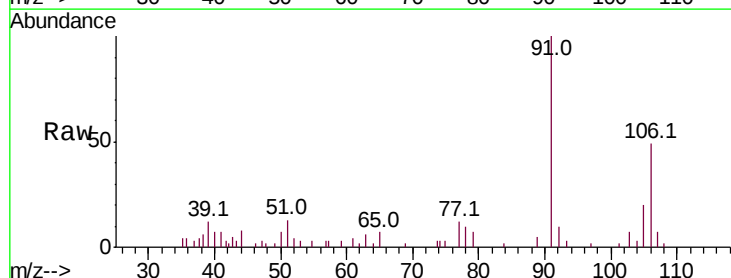
Manual Integrations
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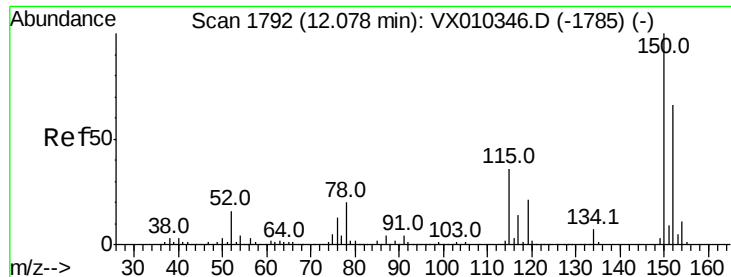
MMDadoda
7/15/2019 11:00:39 AM



#69
o-Xylene
Concen: 0.509 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010839.D
Acq: 12 Jul 2019 16:26

Tgt Ion:106 Resp: 2027
Ion Ratio Lower Upper
106 100
91 195.9 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010839.D

Acq: 12 Jul 2019 16:26

Instrument :

MSVOA_X

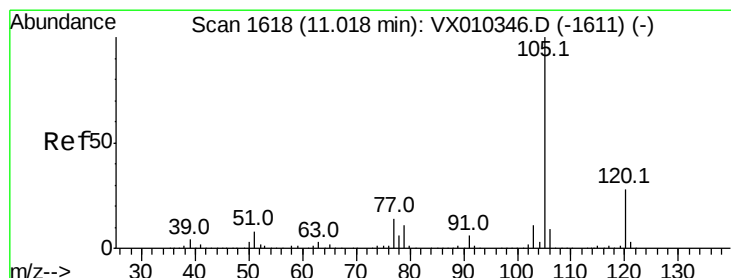
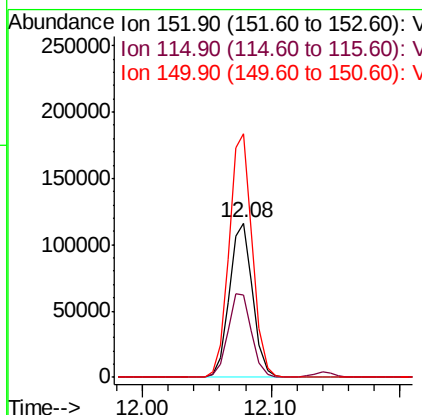
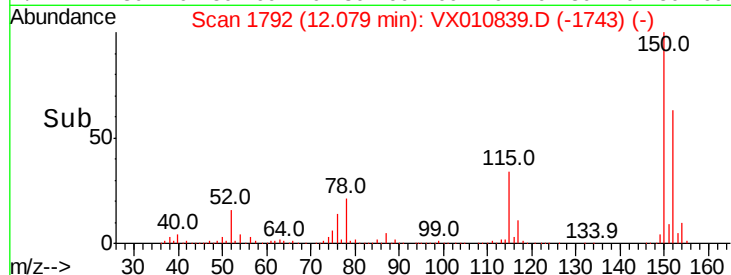
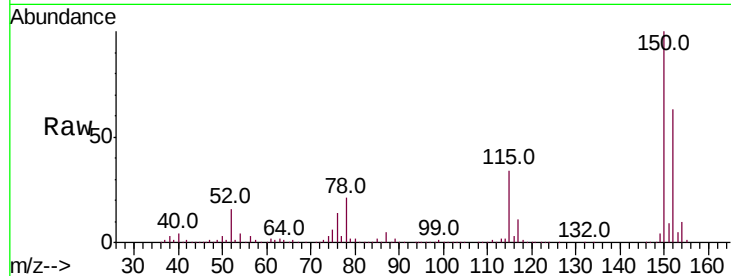
ClientSampled :

FL-0583

Tot Ion:	152	Resp:	146819
Ion Ratio	Lower	Upper	
152	100		
115	54.5	38.6	115.7
150	157.6	0.0	347.4

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#73

Isopropylbenzene

Concen: 2.912 ug/l

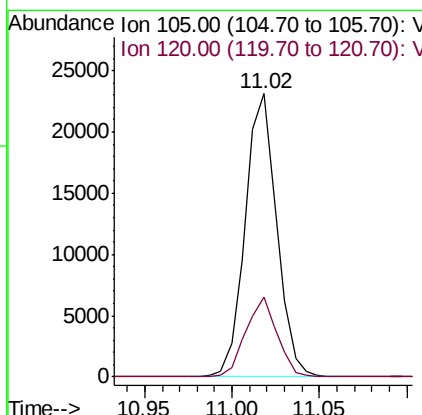
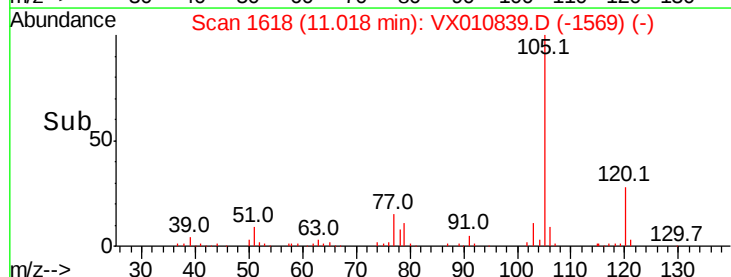
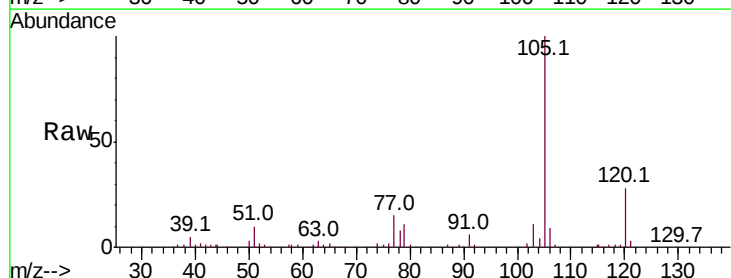
RT: 11.02 min Scan# 1618

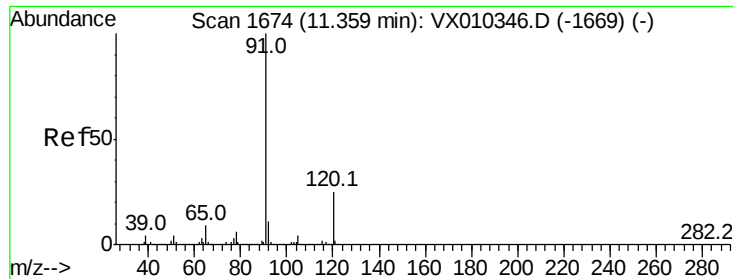
Delta R.T. 0.00 min

Lab File: VX010839.D

Acq: 12 Jul 2019 16:26

Tgt Ion:	105	Resp:	28979
Ion Ratio	Lower	Upper	
105	100		
120	28.0	14.1	42.4





#78

n-propylbenzene

Concen: 2.299 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010839.D

Acq: 12 Jul 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

FL-0583

Tot Ion: 91 Resp: 25149

Ion Ratio Lower Upper

91 100

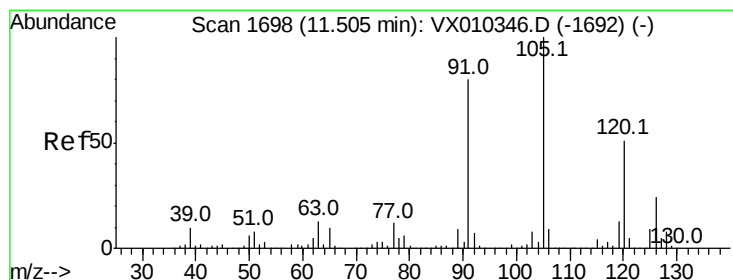
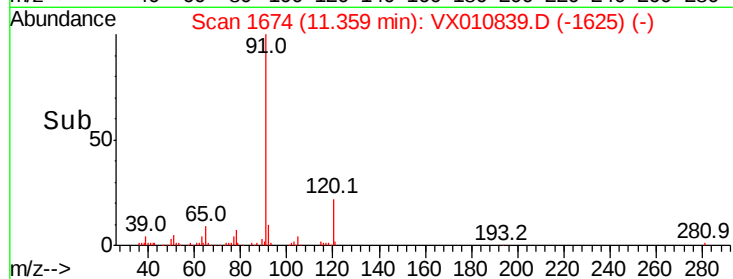
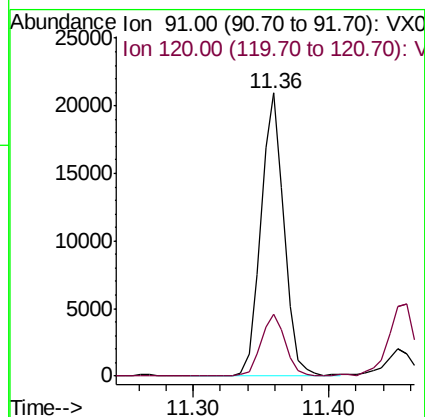
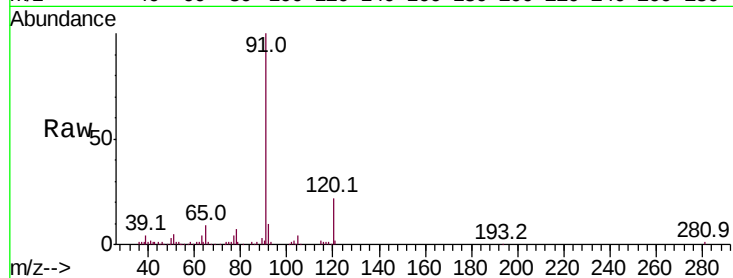
120 22.7 12.4 37.4

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#80

1,3,5-Trimethylbenzene

Concen: 0.701 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010839.D

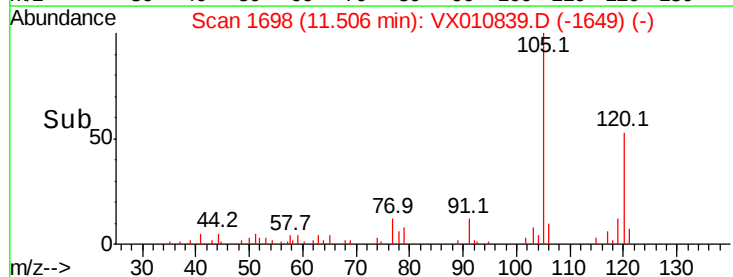
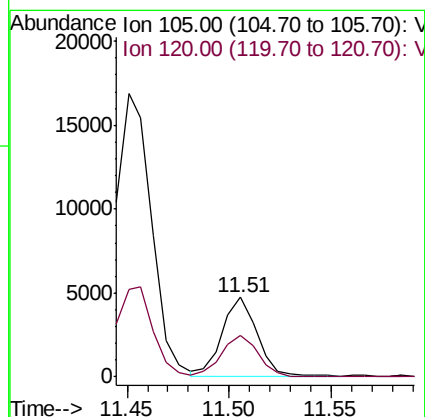
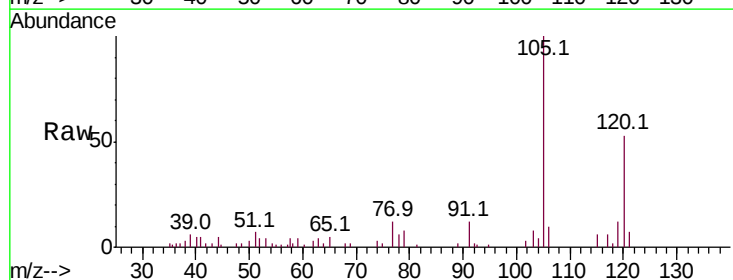
Acq: 12 Jul 2019 16:26

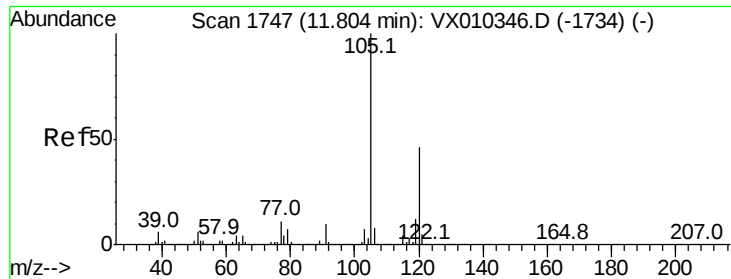
Tgt Ion: 105 Resp: 5753

Ion Ratio Lower Upper

105 100

120 55.0 25.2 75.6





#84

1,2,4-Trimethylbenzene

Concen: 23.563 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010839.D

Acq: 12 Jul 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

FL-0583

Tot Ion:105 Resp: 194231

Ion Ratio Lower Upper

105 100

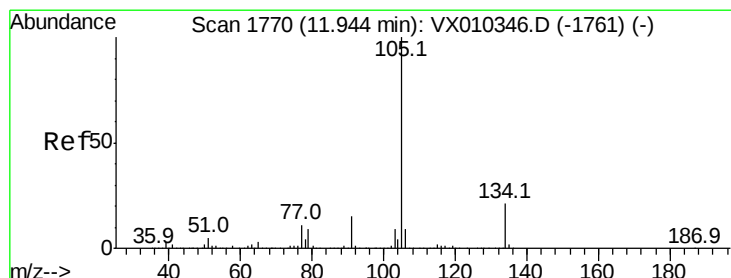
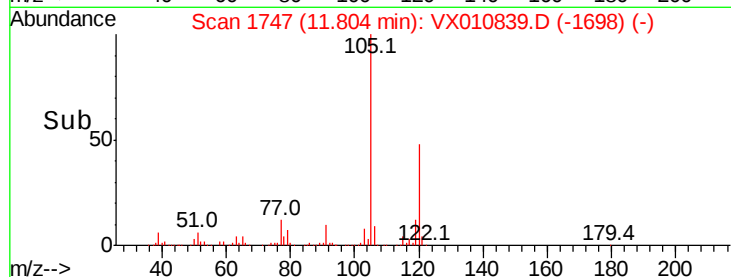
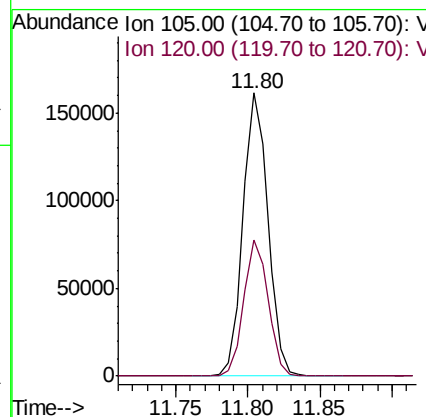
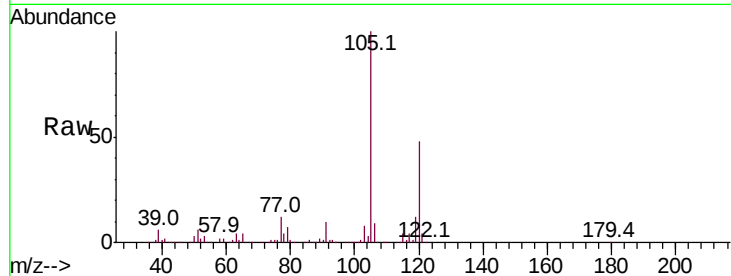
120 47.5 23.1 69.2

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#85

sec-Butylbenzene

Concen: 0.365 ug/l m

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010839.D

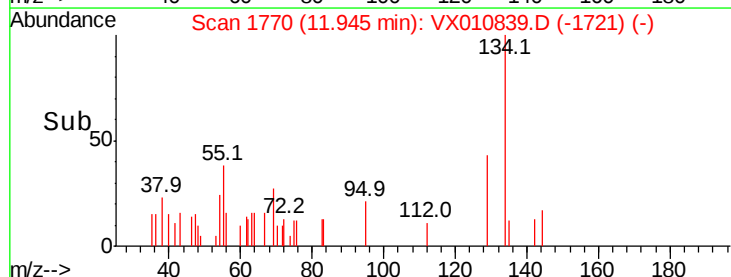
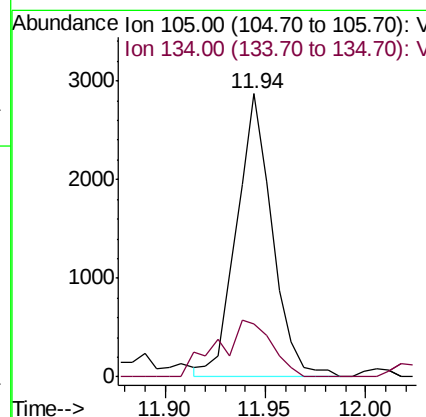
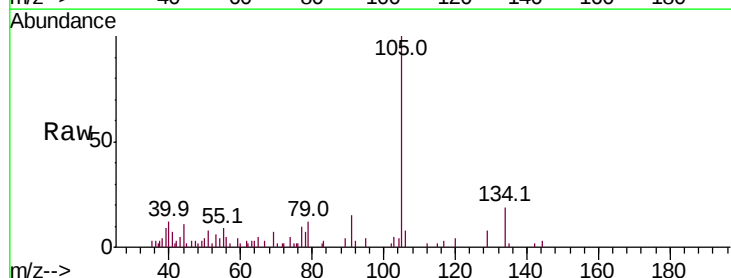
Acq: 12 Jul 2019 16:26

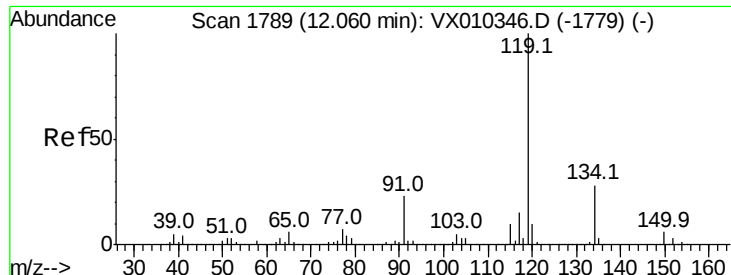
Tgt Ion:105 Resp: 3529

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#





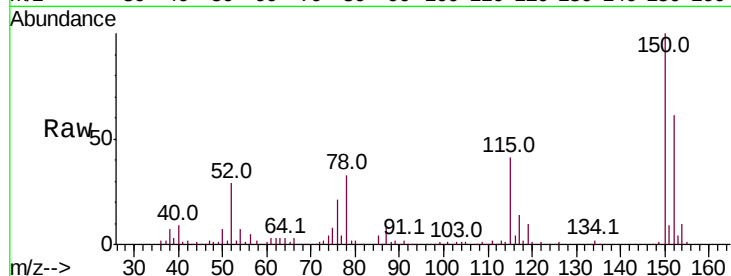
#86
p-Isopropyltoluene
Concen: 0.321 ug/l m
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010839.D
Acq: 12 Jul 2019 16:26

Instrument :
MSVOA_X
ClientSampled :
FL-0583

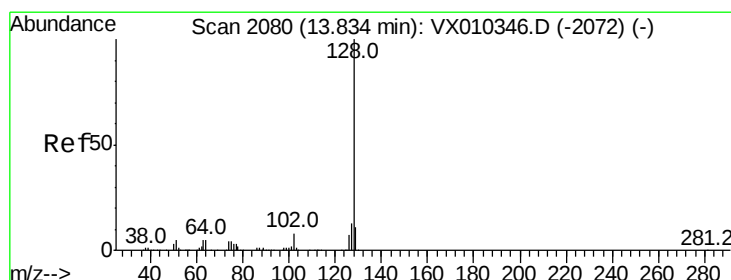
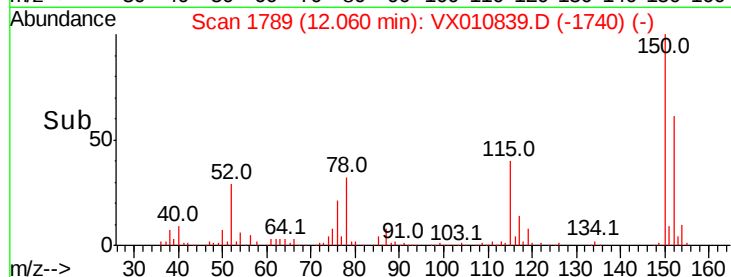
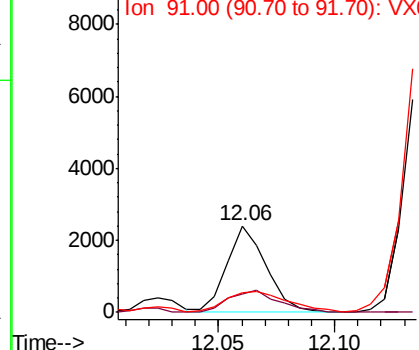
Tot Ion	Ratio	Resp	Lower	Upper
119	100	2867		
134	65.1		13.7	41.1#
91	54.8		11.3	33.8#

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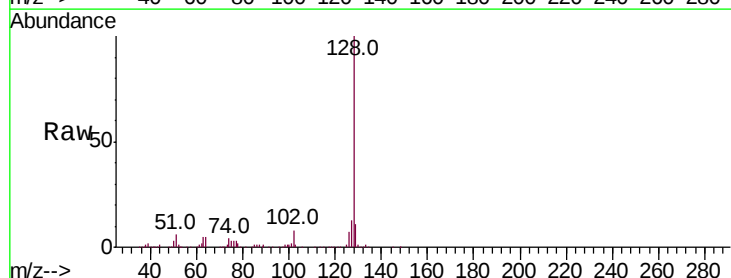


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 8.522 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010839.D
Acq: 12 Jul 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	87562		
127	13.5		10.2	15.4
129	11.8		8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

