

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010429.D
 Acq On : 25 Jun 2019 11:21
 Operator : JC/SP
 Sample : K3500-09DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-A-061919DL

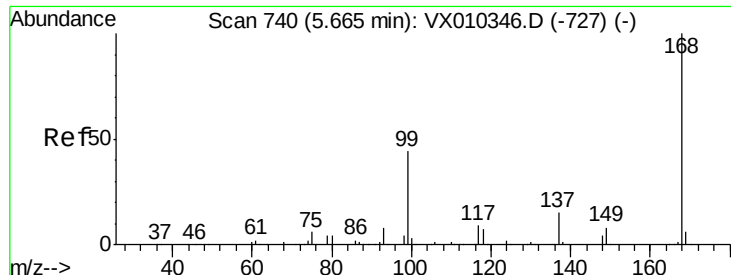
Manual Integrations
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 6/26/2019 8:49:31 AM

Quant Time: Jun 26 01:38:42 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	5.66	168	291448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	394211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	135282	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
35) Dibromofluoromethane	5.50	113	134818	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	8.71	98	518735	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.13	95	177631	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	6231	4.550	ug/l	98
25) 2-Butanone	4.68	43	2979	1.483	ug/l #	84
31) Cyclohexane	5.58	56	114732	29.067	ug/l	98
39) Methylcyclohexane	7.46	83	18553	4.053	ug/l	94
67) Ethyl Benzene	10.25	91	181095	13.403	ug/l	100
68) m/p-Xylenes	10.36	106	80042	15.289	ug/l	100
69) o-Xylene	10.69	106	5647	1.097	ug/l	99
73) Isopropylbenzene	11.02	105	235096	18.154	ug/l	98
78) n-propylbenzene	11.36	91	569619	40.023	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	37346	3.498	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1207664	112.596	ug/l	98
85) sec-Butylbenzene	11.94	105	26381m	2.097	ug/l	
89) n-Butylbenzene	12.38	91	6646m	0.672	ug/l	
95) Naphthalene	13.83	128	697942	52.206	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

GW-A-061919DL

Tot Ion:168 Resp: 291448

Ion Ratio Lower Upper

168 100

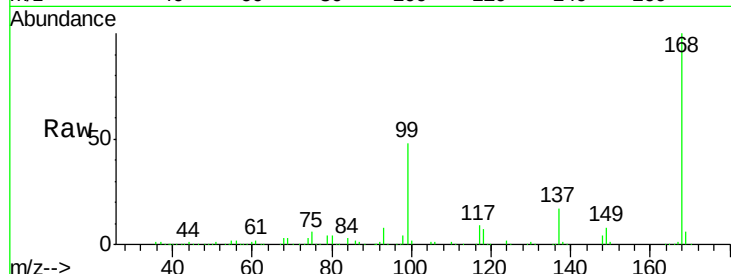
99 47.8 35.5 53.3

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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

120000

100000

80000

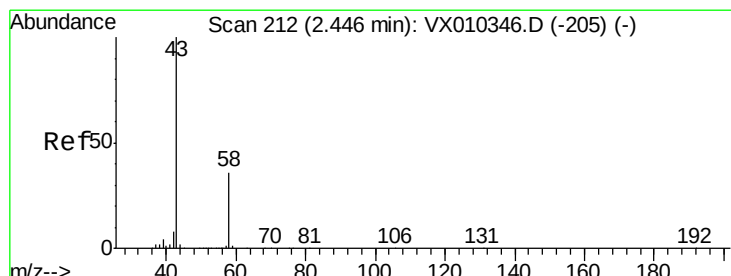
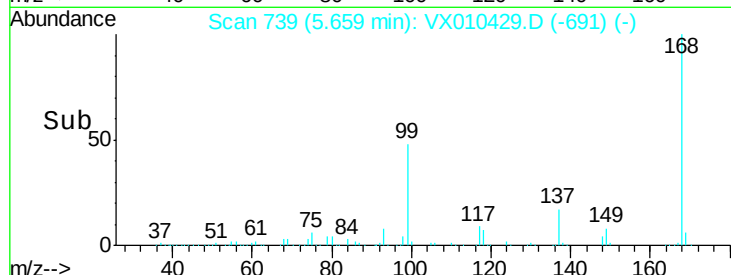
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.550 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010429.D

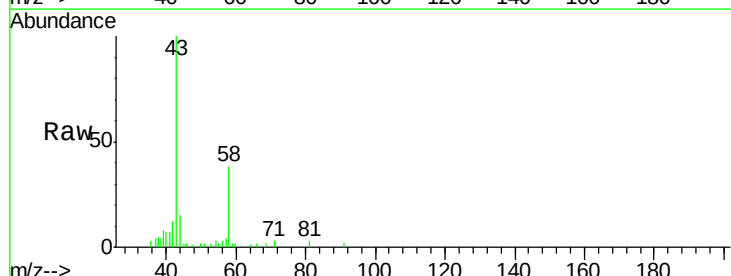
Acq: 25 Jun 2019 11:21

Tgt Ion: 43 Resp: 6231

Ion Ratio Lower Upper

43 100

58 37.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

5000

4000

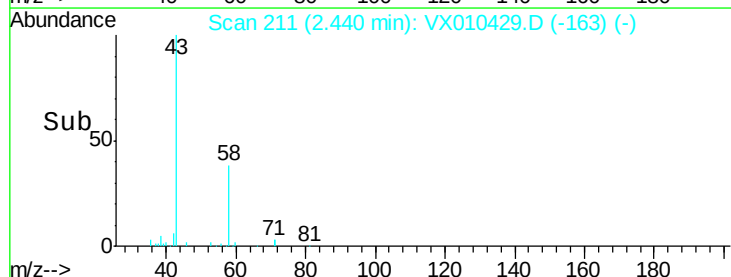
3000

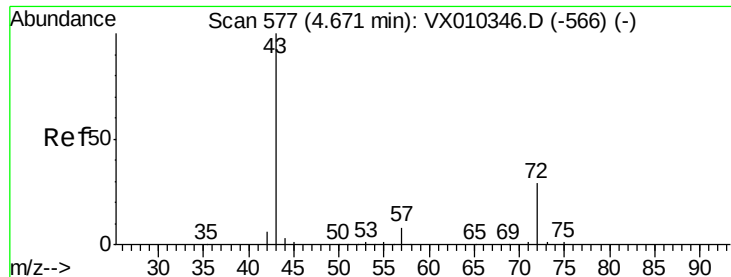
2000

1000

0

Time--> 2.40 2.45 2.50





#25

2-Butanone

Concen: 1.483 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

GW-A-061919DL

Tot Ion: 43 Resp: 2979

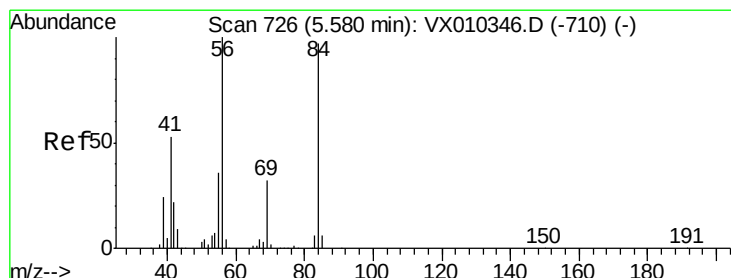
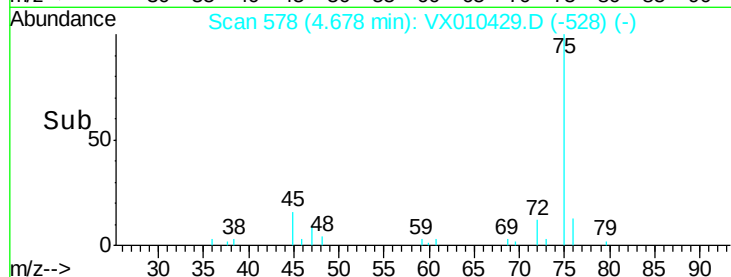
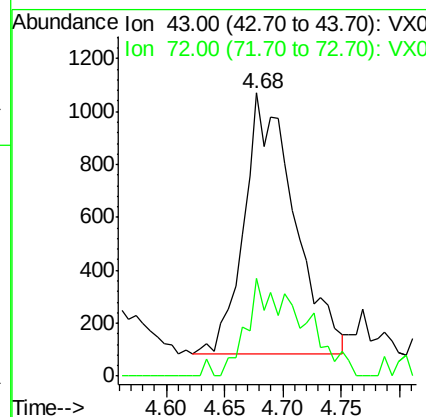
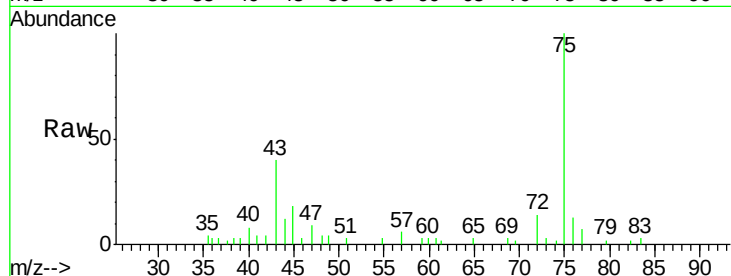
Ion Ratio Lower Upper

43 100

72 37.7 23.3 34.9#

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#31

Cyclohexane

Concen: 29.067 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

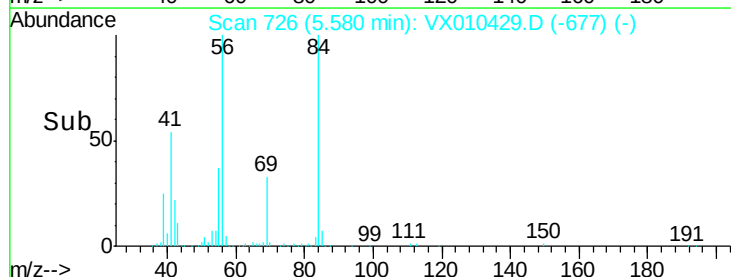
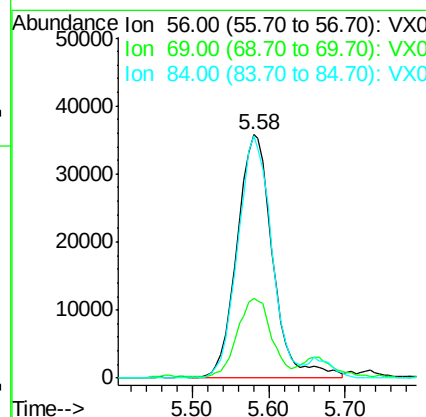
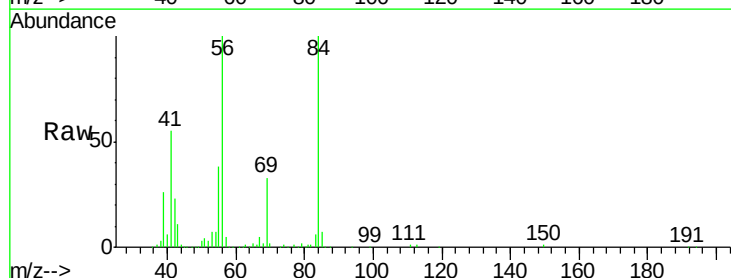
Tgt Ion: 56 Resp: 114732

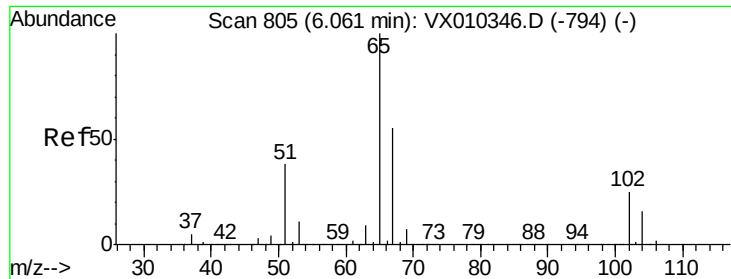
Ion Ratio Lower Upper

56 100

69 32.4 25.9 38.9

84 99.9 78.0 117.0





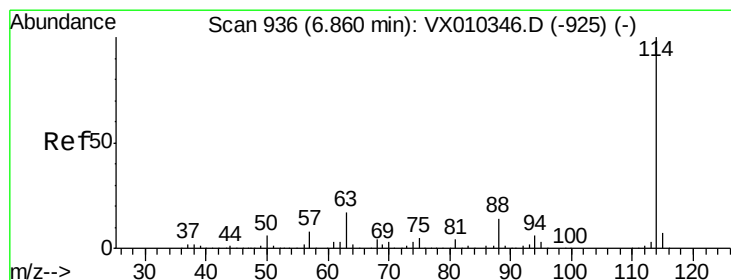
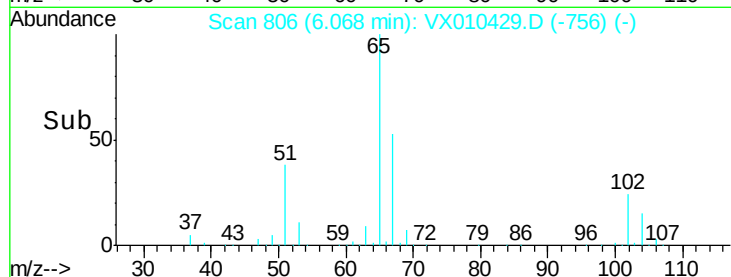
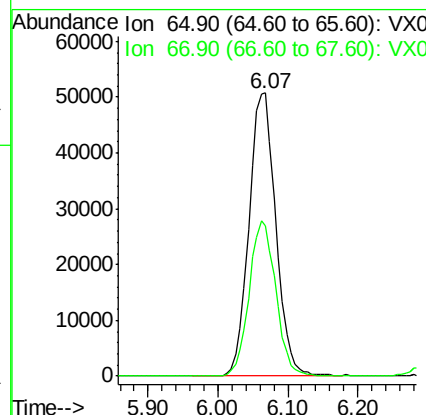
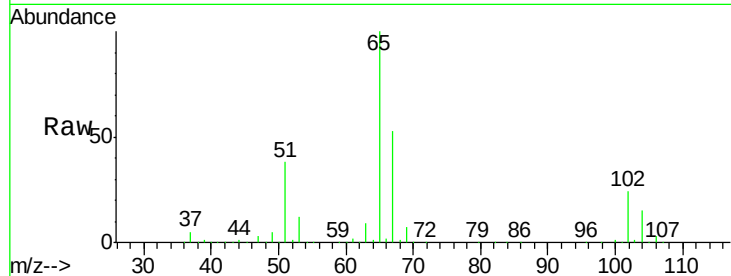
#33
 1,2-Dichloroethane-d4
 Concen: 49.506 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010429.D
 Acq: 25 Jun 2019 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-A-061919DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135282		
67	54.3	0.0	110.2	

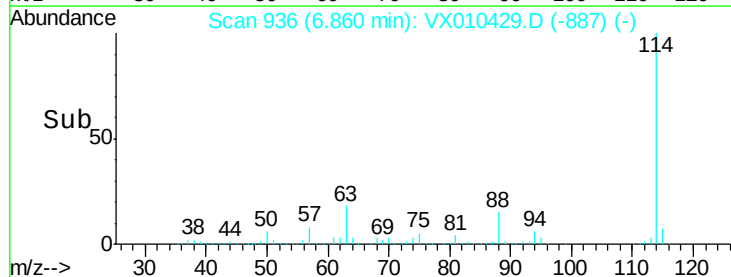
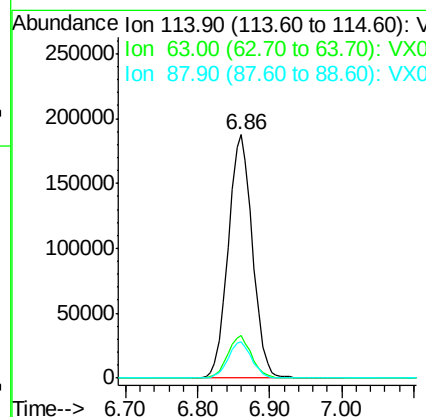
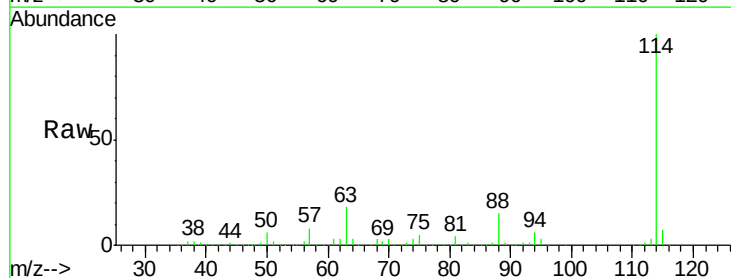
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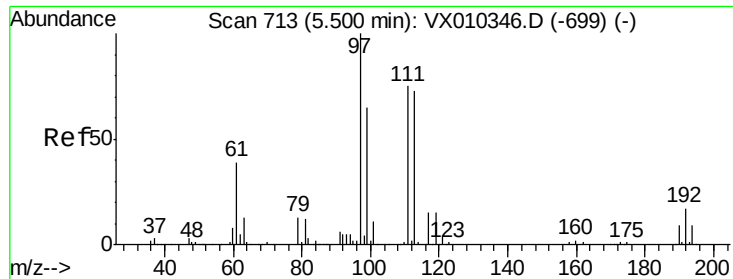
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010429.D
 Acq: 25 Jun 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	438280		
63	17.5	0.0	33.8	
88	14.7	0.0	27.6	





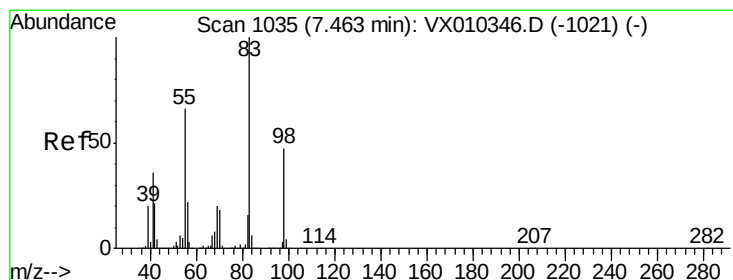
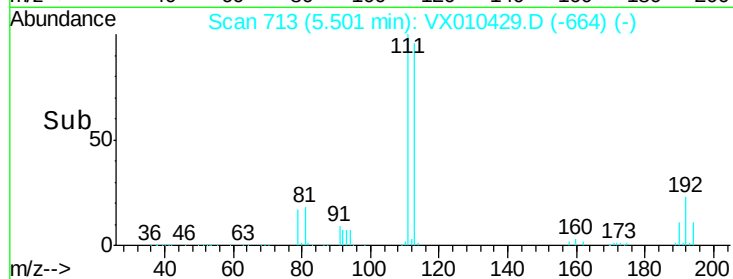
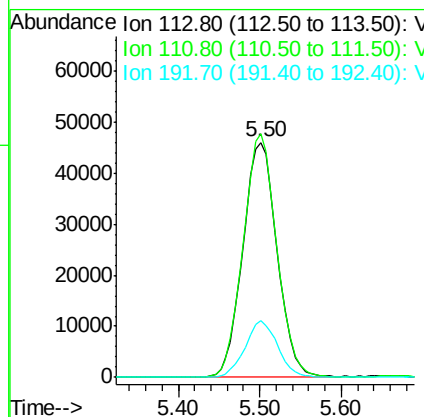
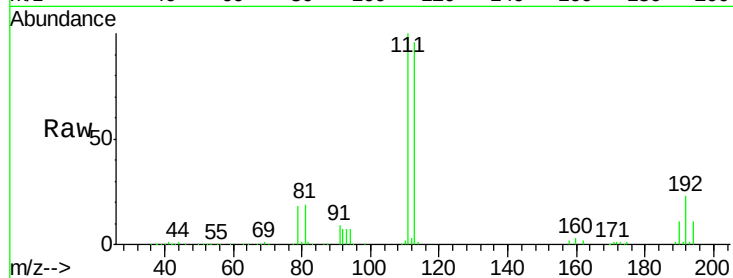
#35
Dibromofluoromethane
Concen: 50.276 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Instrument :
MSVOA_X
ClientSampleId :
GW-A-061919DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134818		
111	101.4	81.2	121.8	
192	22.9	18.6	27.8	

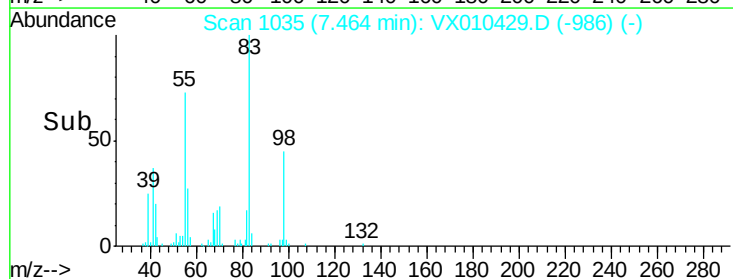
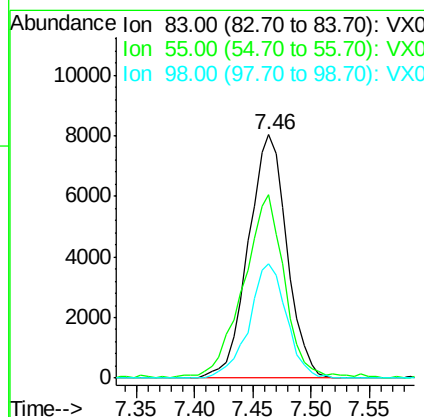
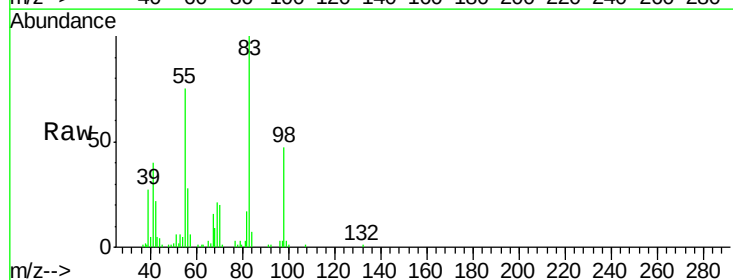
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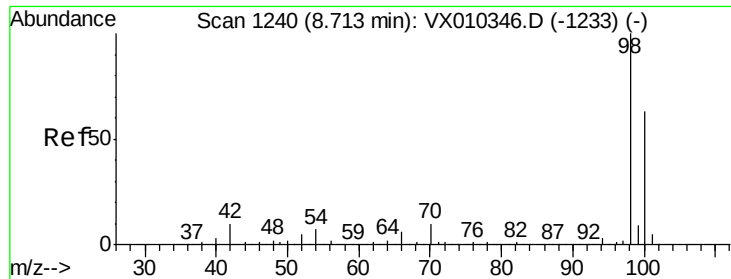
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#39
Methylcyclohexane
Concen: 4.053 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	18553		
55	74.4	53.0	79.6	
98	47.2	37.8	56.8	





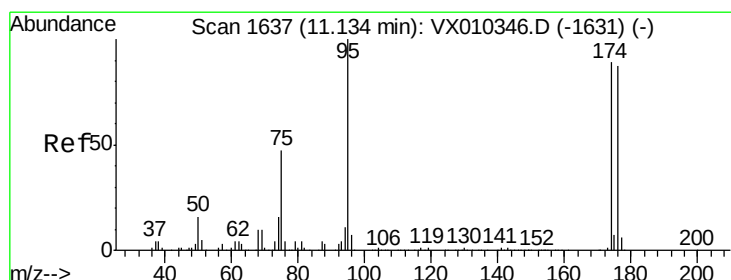
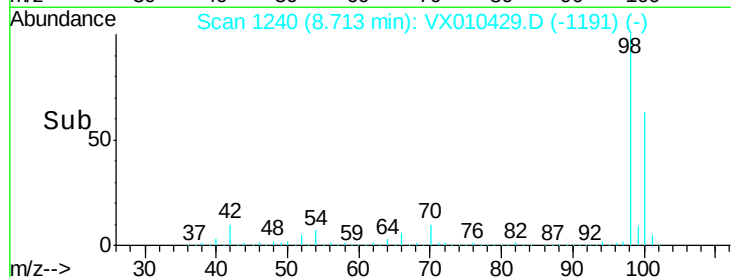
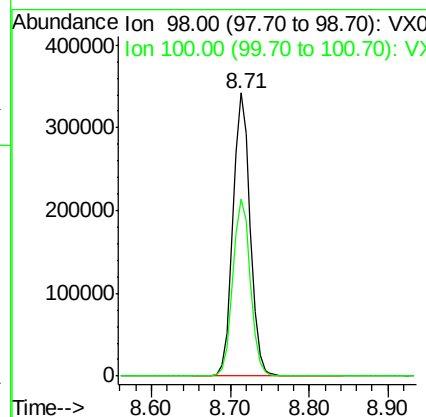
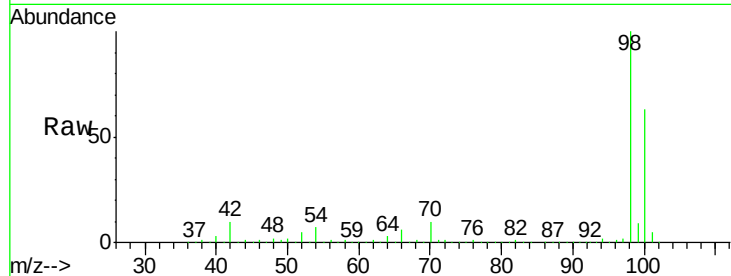
#50
Toluene-d8
Concen: 50.563 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Instrument :
MSVOA_X
ClientSampleId :
GW-A-061919DL

Tot Ion: 98 Resp: 518735
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

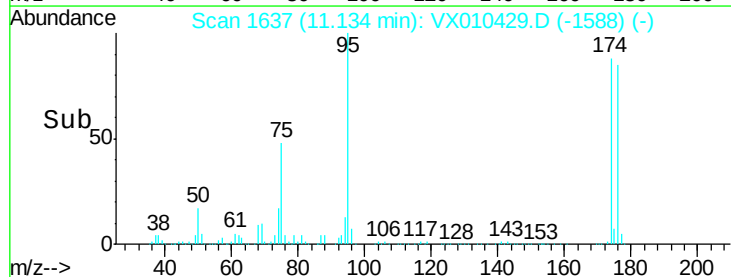
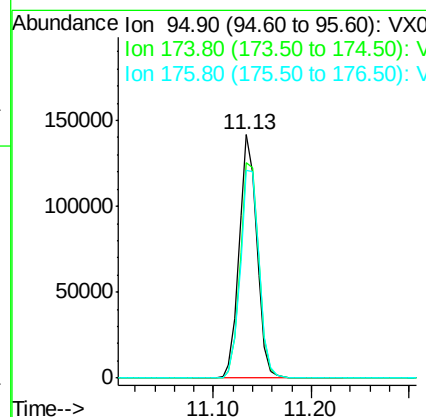
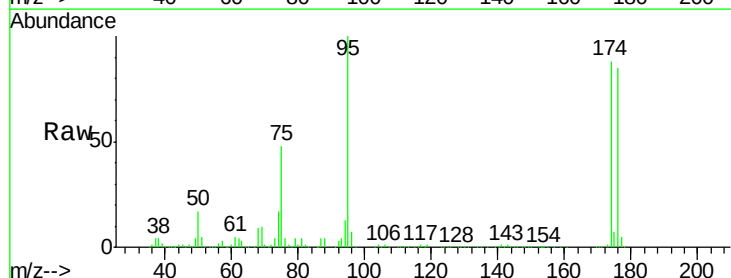
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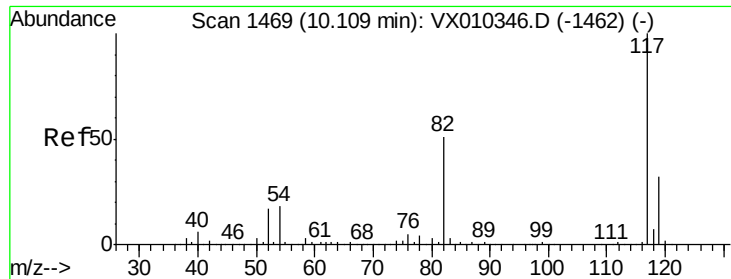
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6/26/2019 8:49:31 AM



#62
4-Bromofluorobenzene
Concen: 47.959 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Tgt Ion: 95 Resp: 177631
Ion Ratio Lower Upper
95 100
174 92.8 0.0 187.6
176 90.8 0.0 184.0





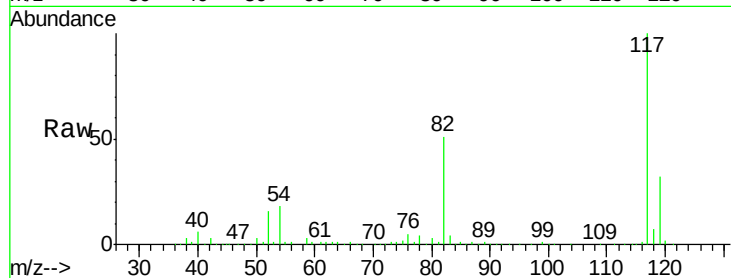
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Instrument :
MSVOA_X
ClientSampleId :
GW-A-061919DL

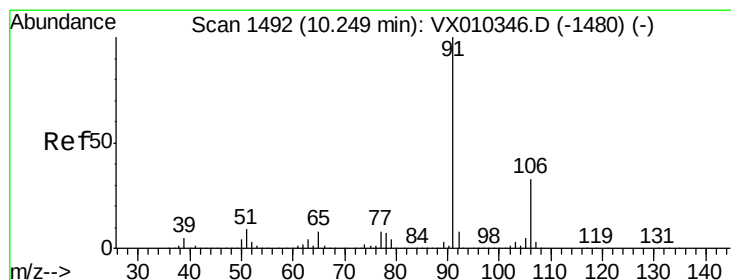
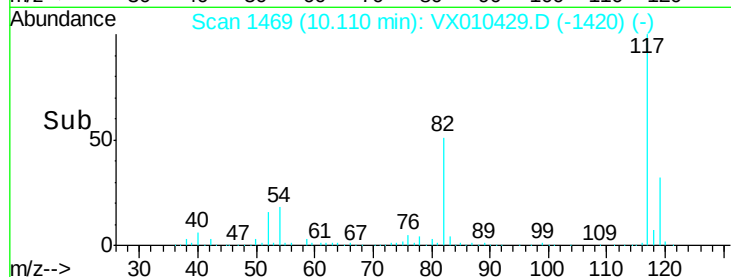
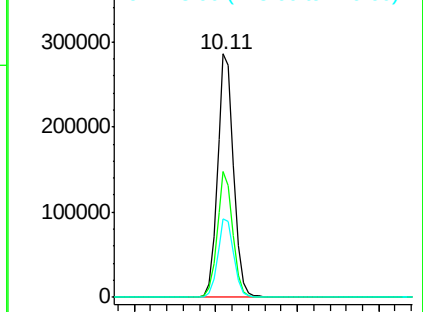
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.2	61.8
119	32.4	25.5	38.3

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6/26/2019 8:49:31 AM

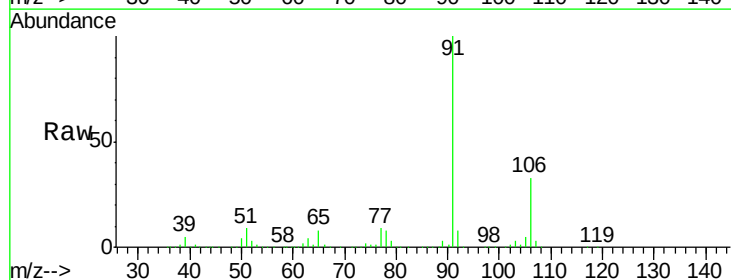


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

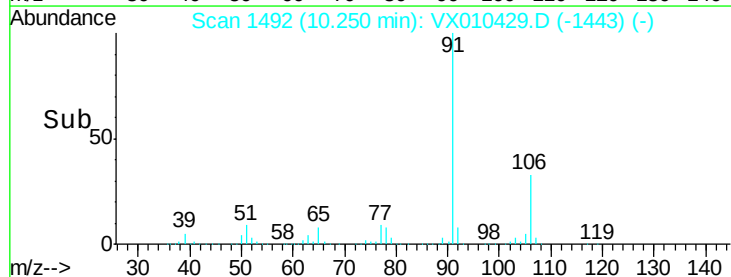
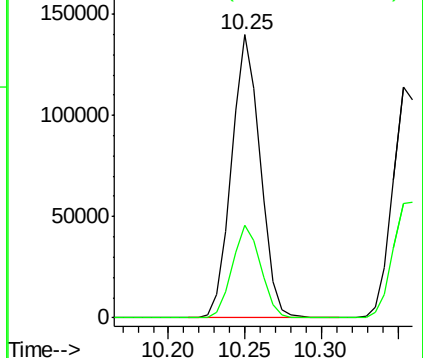


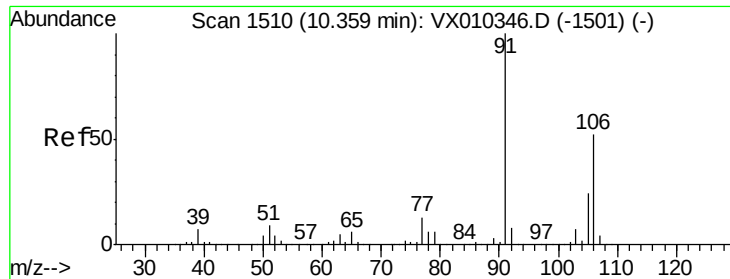
#67
Ethyl Benzene
Concen: 13.403 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.7	26.2	39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





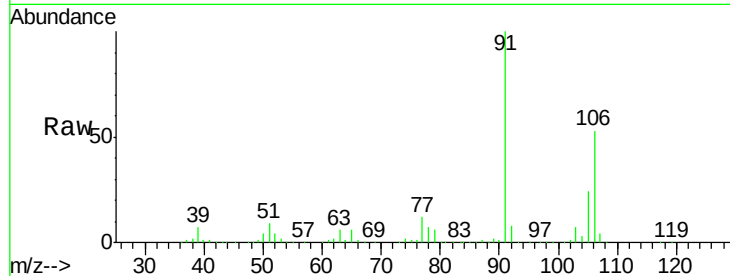
#68
m/p-Xylenes
Concen: 15.289 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Instrument :
MSVOA_X
ClientSampleId :
GW-A-061919DL

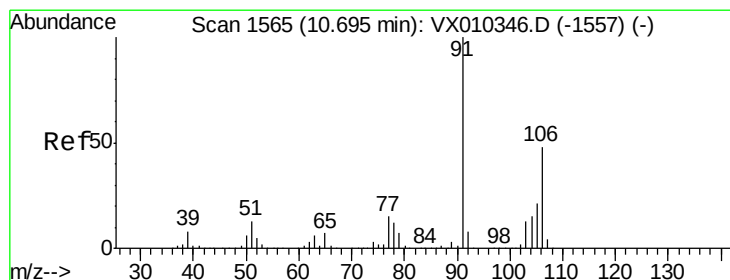
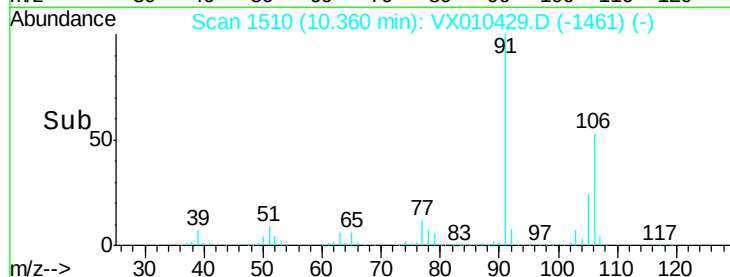
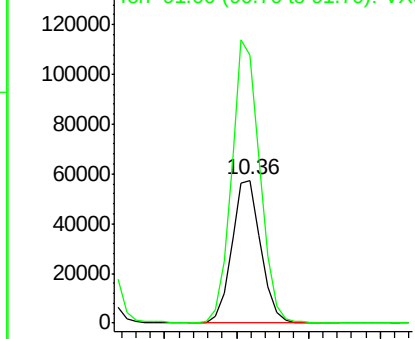
Tot Ion:106 Resp: 80042
Ion Ratio Lower Upper
106 100
91 194.5 155.3 232.9

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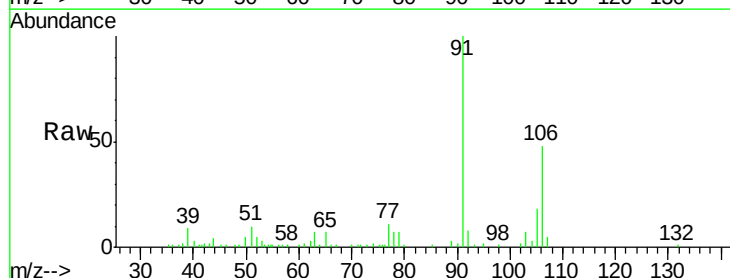


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

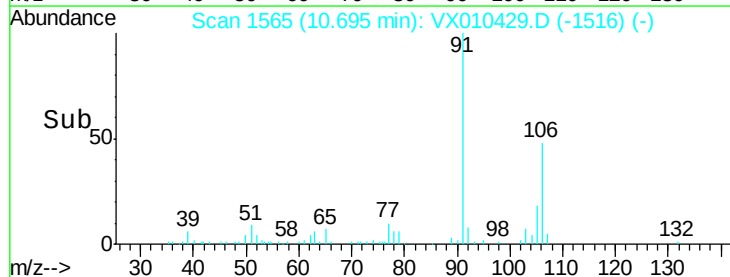
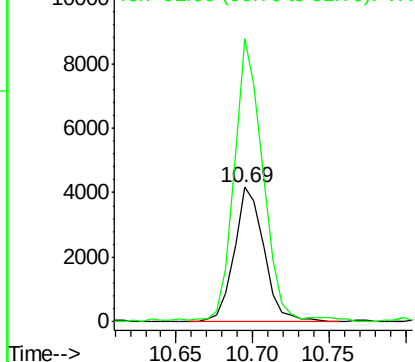


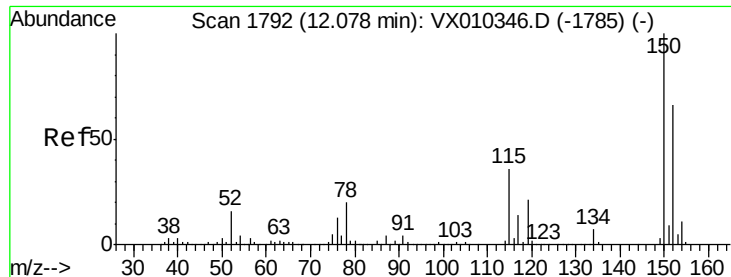
#69
o-Xylene
Concen: 1.097 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Tgt Ion:106 Resp: 5647
Ion Ratio Lower Upper
106 100
91 203.5 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

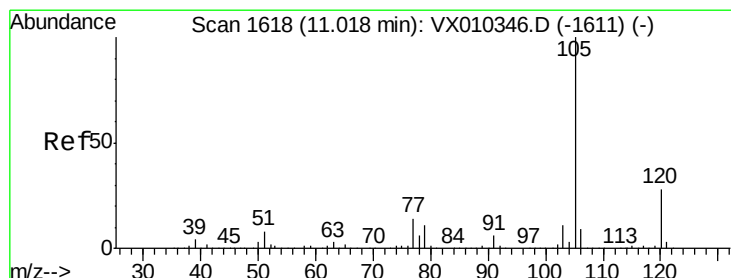
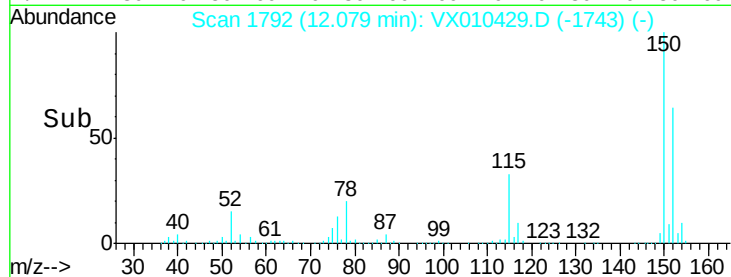
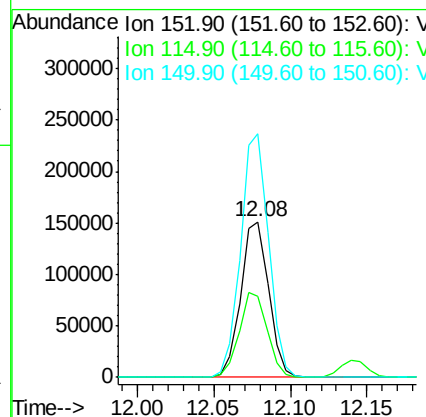
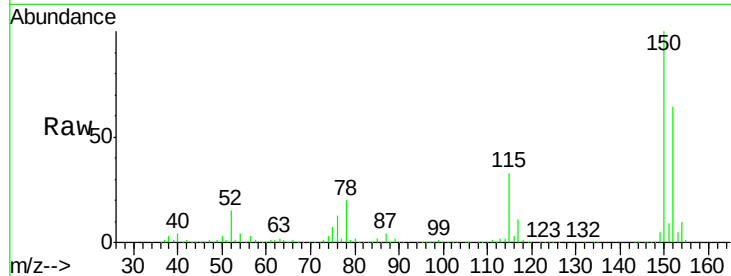
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Instrument :
MSVOA_X
ClientSampleId :
GW-A-061919DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.6	115.7
150	156.7	0.0	347.4

Manual Integrations
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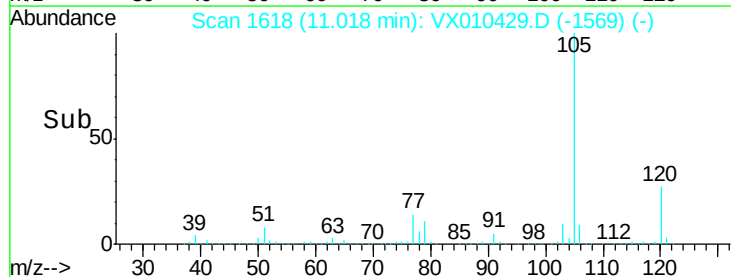
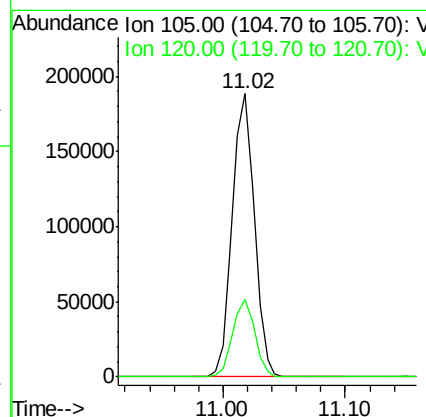
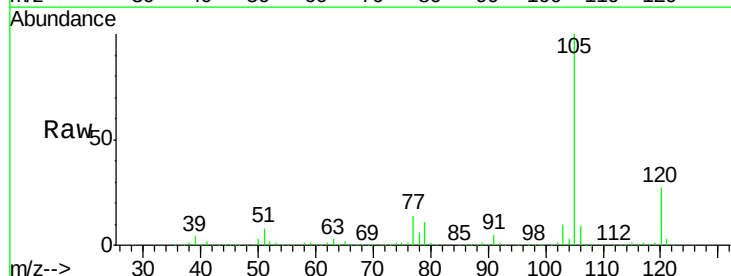
MMDadoda
6/26/2019 8:49:31 AM

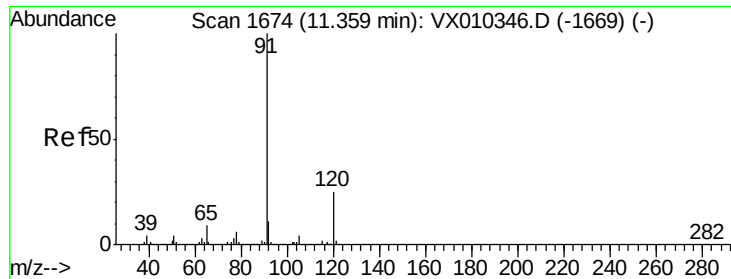


#73

Isopropylbenzene
Concen: 18.154 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010429.D
Acq: 25 Jun 2019 11:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	14.1	42.4





#78

n-propylbenzene

Concen: 40.023 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleID :

GW-A-061919DL

Tot Ion: 91 Resp: 569619

Ion Ratio Lower Upper

91 100

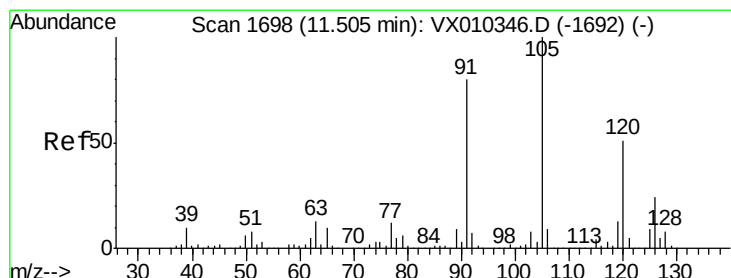
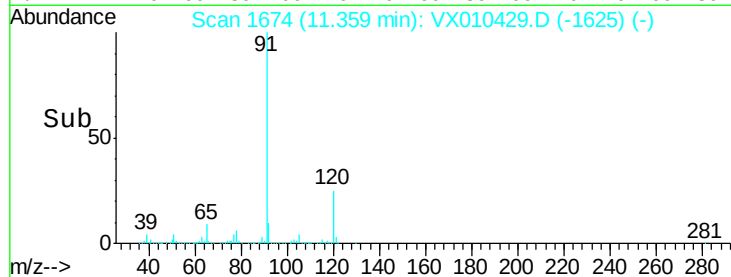
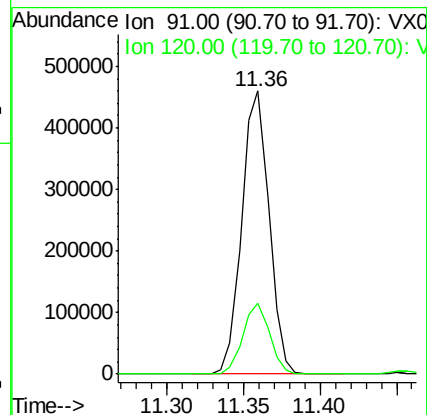
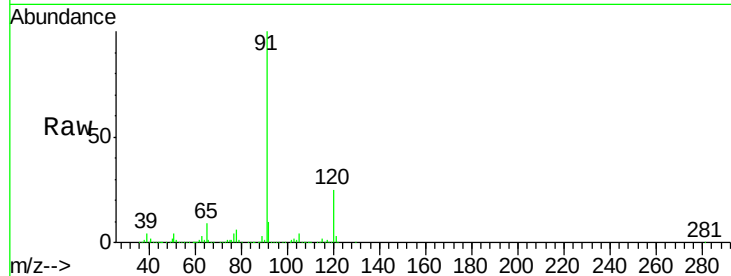
120 24.5 12.4 37.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 3.498 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010429.D

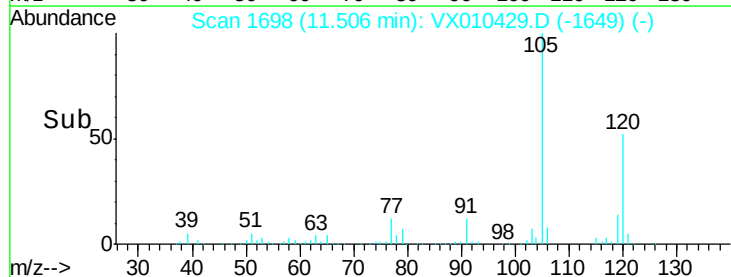
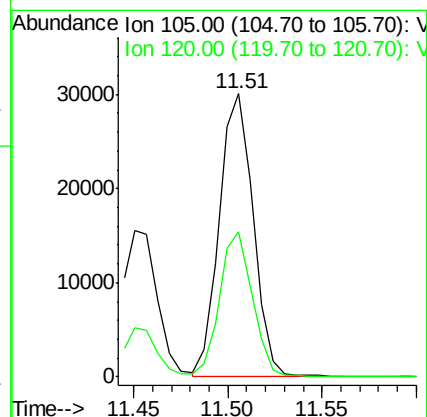
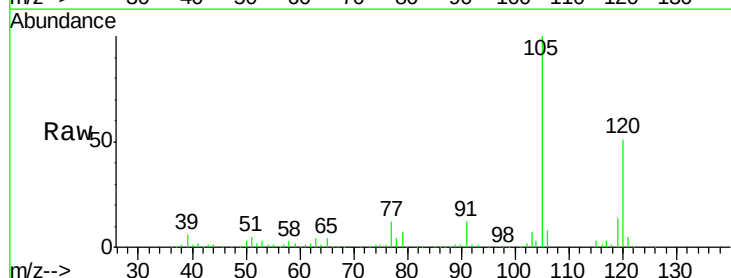
Acq: 25 Jun 2019 11:21

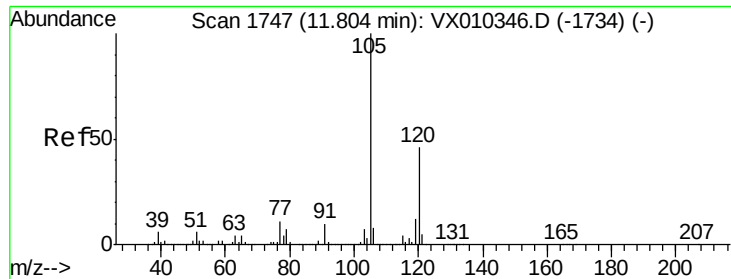
Tgt Ion: 105 Resp: 37346

Ion Ratio Lower Upper

105 100

120 50.3 25.2 75.6





#84

1,2,4-Trimethylbenzene

Concen: 112.596 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

GW-A-061919DL

Tot Ion:105 Resp: 1207664

Ion Ratio Lower Upper

105 100

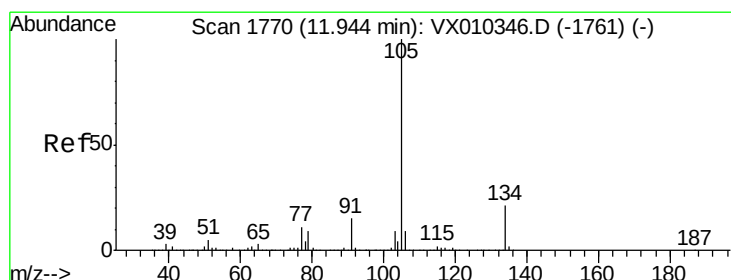
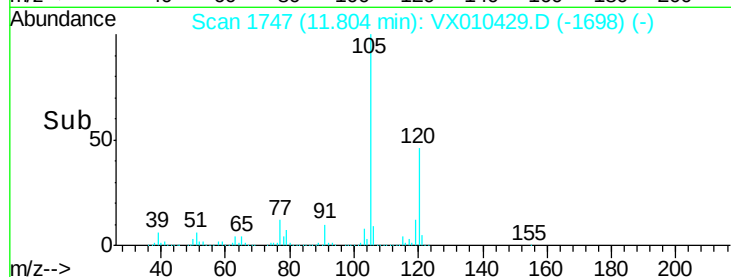
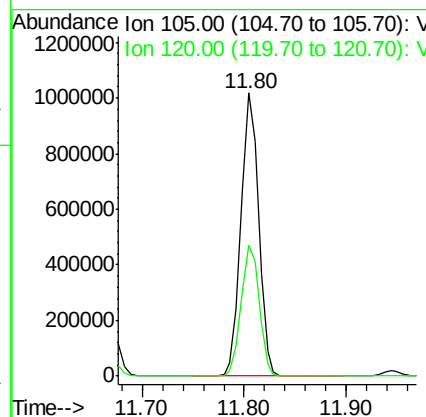
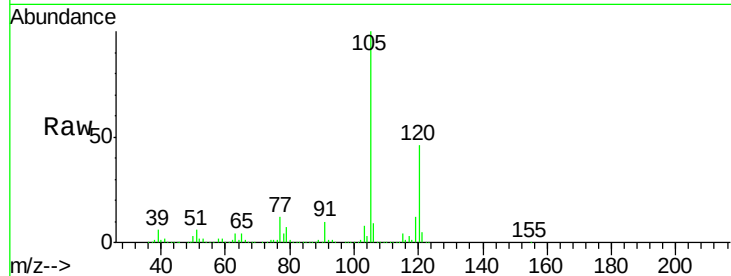
120 47.2 23.1 69.2

Manual Integrations

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#85

sec-Butylbenzene

Concen: 2.097 ug/l m

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010429.D

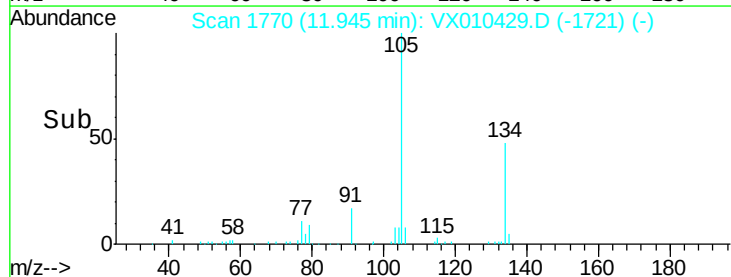
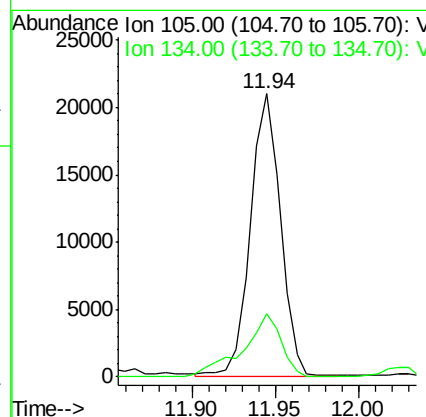
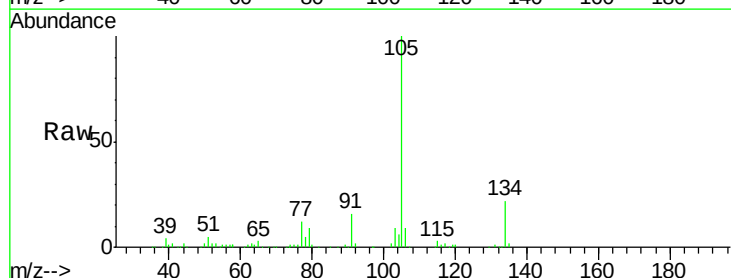
Acq: 25 Jun 2019 11:21

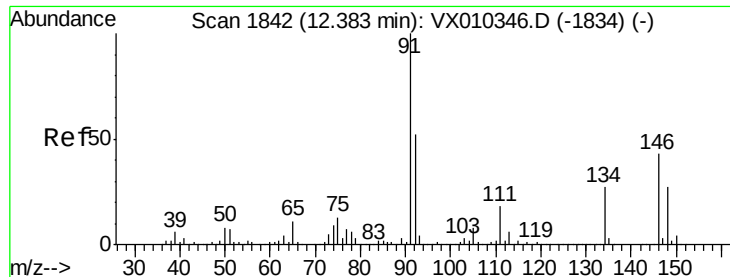
Tgt Ion:105 Resp: 26381

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#





#89

n-Butylbenzene

Concen: 0.672 ug/l m

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Instrument :

MSVOA_X

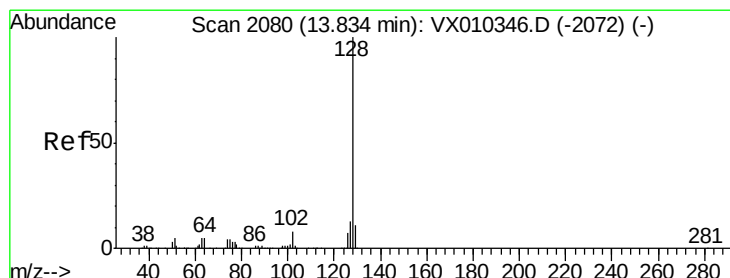
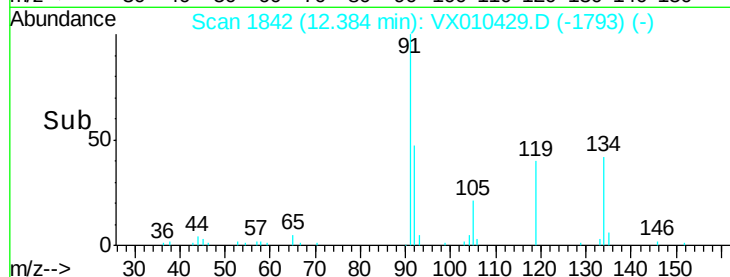
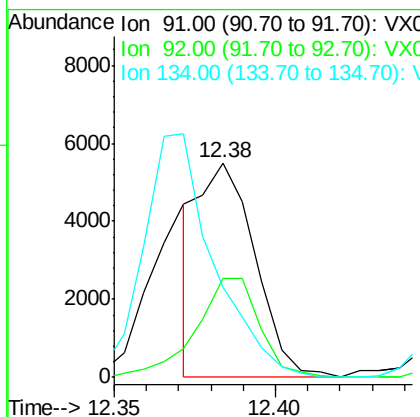
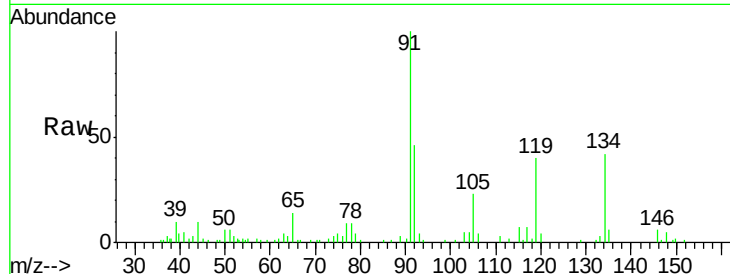
ClientSampleId :

GW-A-061919DL

Tot Ion:	91	Resp:	6646
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.2	78.5
134	142.1	14.1	42.4#

Manual Integrations
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#95

Naphthalene

Concen: 52.206 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010429.D

Acq: 25 Jun 2019 11:21

Tgt Ion:	128	Resp:	697942
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.9	13.3

