

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX011005.D
 Acq On : 19 Jul 2019 16:14
 Operator : JC/SP
 Sample : K3884-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0620

Manual Integrations
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 7/22/2019 5:23:12 PM

Quant Time: Jul 20 01:45:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130956	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
35) Dibromofluoromethane	5.50	113	114962	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	458892	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	11.13	95	178505	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	8726	7.591	ug/l	96
25) 2-Butanone	4.68	43	22601	13.697	ug/l	95
31) Cyclohexane	5.59	56	1338129	387.226	ug/l	98
39) Methylcyclohexane	7.46	83	1208947	308.617	ug/l	98
52) Toluene	8.78	92	176190	28.985	ug/l	98
67) Ethyl Benzene	10.26	91	10141362	820.211	ug/l	92
68) m/p-Xylenes	10.37	106	12022691	2534.909	ug/l #	65
69) o-Xylene	10.71	106	6449763	1393.403	ug/l	88
73) Isopropylbenzene	11.02	105	985028	82.646	ug/l	100
78) n-propylbenzene	11.36	91	1307993	99.323	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2185195	219.415	ug/l	100
83) tert-Butylbenzene	11.77	119	24346	2.489	ug/l #	42
84) 1,2,4-Trimethylbenzene	11.81	105	5815002	579.307	ug/l	98
85) sec-Butylbenzene	11.94	105	118946m	10.377	ug/l	
86) p-Isopropyltoluene	12.06	119	129103	12.183	ug/l	99
89) n-Butylbenzene	12.38	91	158635	17.498	ug/l #	21
95) Naphthalene	13.83	128	3049124	269.459	ug/l	100

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

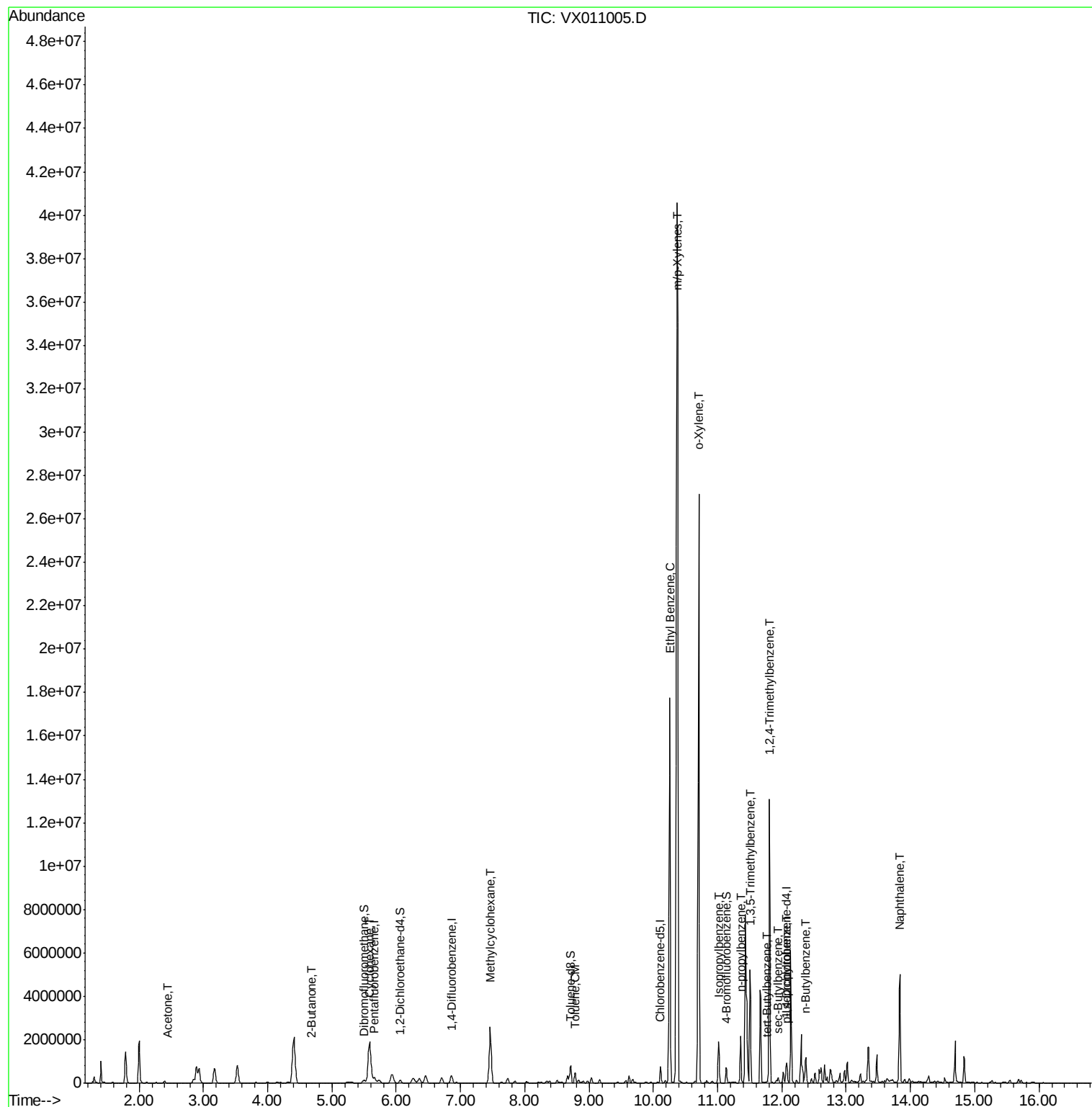
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011005.D
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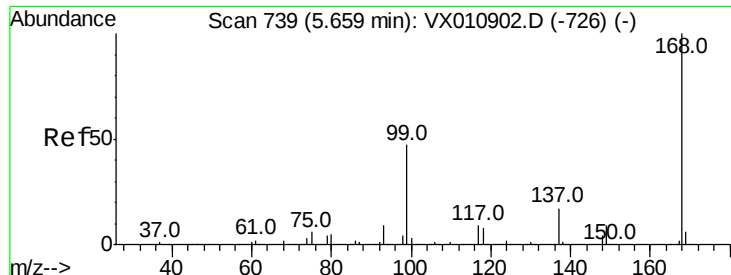
Instrument :
MSVOA_X
ClientSampleId :
FL-0620

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Quant Time: Jul 20 01:45:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

FL-0620

Tot Ion:168 Resp: 239237

Ion Ratio Lower Upper

168 100

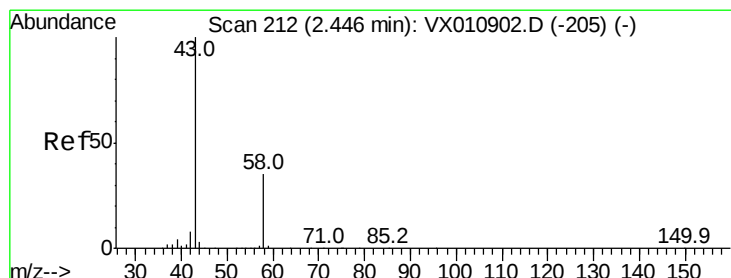
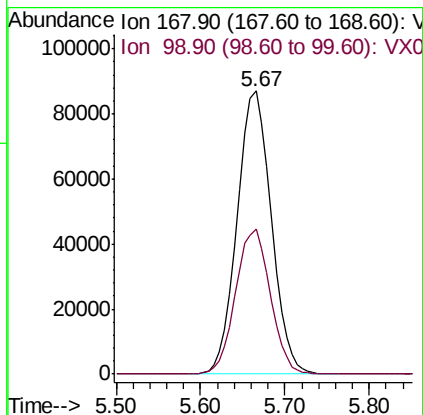
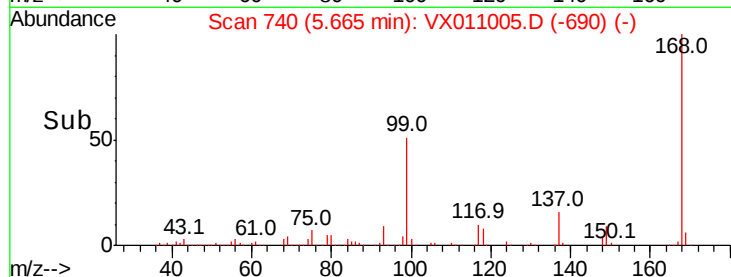
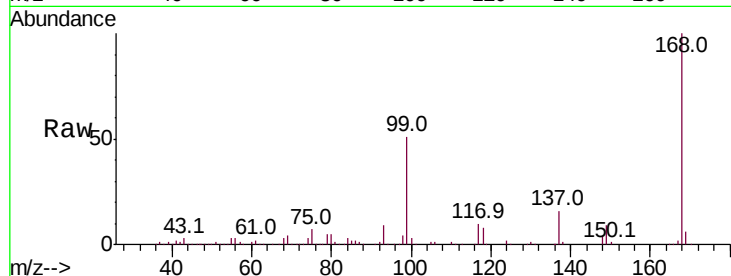
99 51.1 37.6 56.4

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#16

Acetone

Concen: 7.591 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011005.D

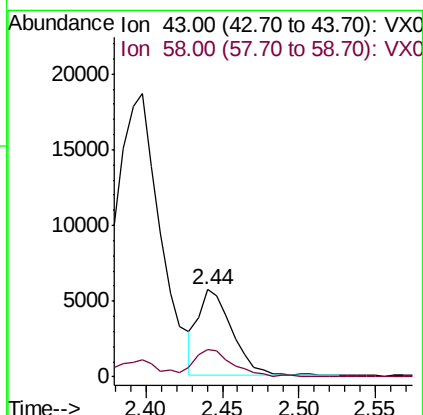
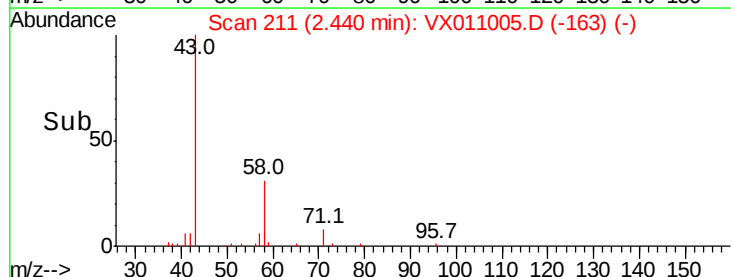
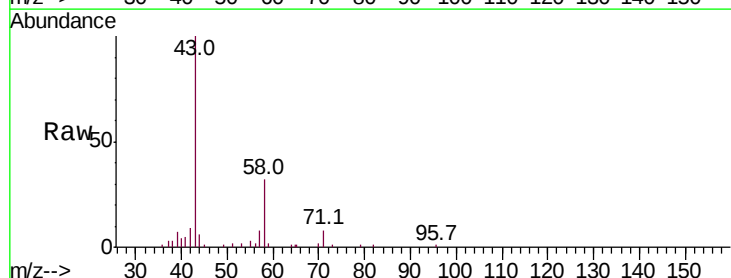
Acq: 19 Jul 2019 16:14

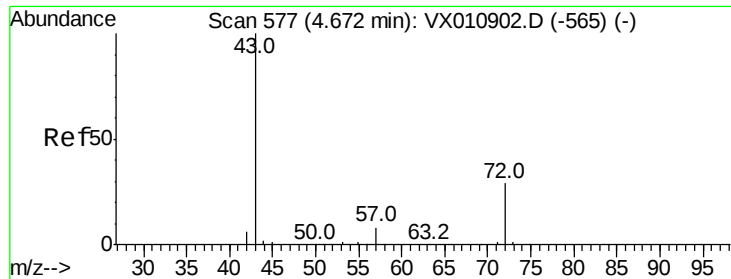
Tgt Ion: 43 Resp: 8726

Ion Ratio Lower Upper

43 100

58 32.5 27.7 41.5





#25

2-Butanone

Concen: 13.697 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0620

Tot Ion: 43 Resp: 22601

Ion Ratio Lower Upper

43 100

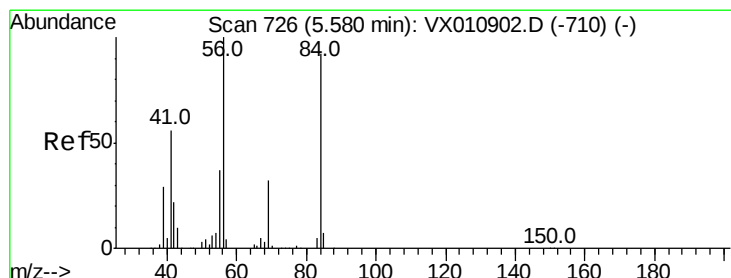
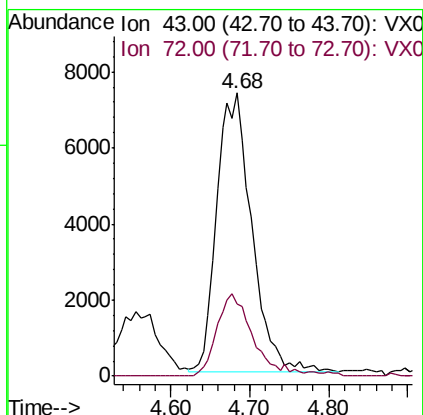
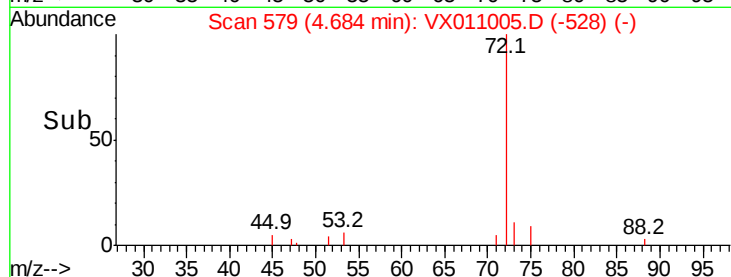
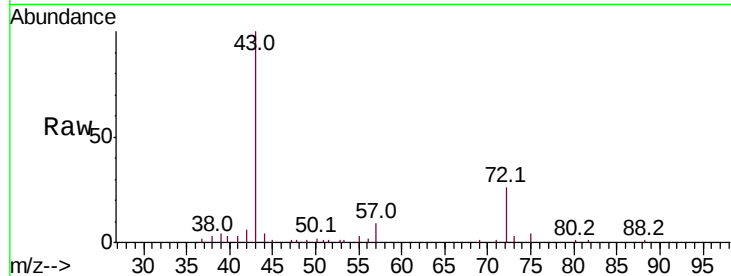
72 26.1 23.0 34.6

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#31

Cyclohexane

Concen: 387.226 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

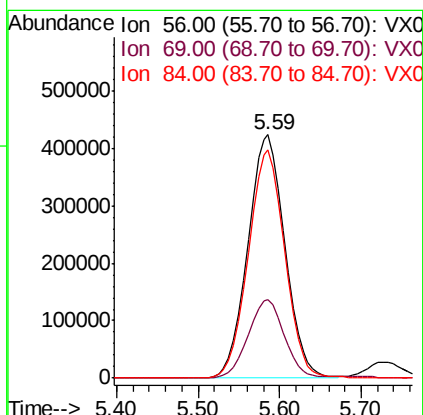
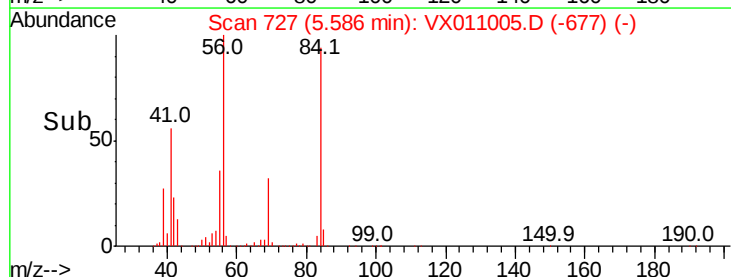
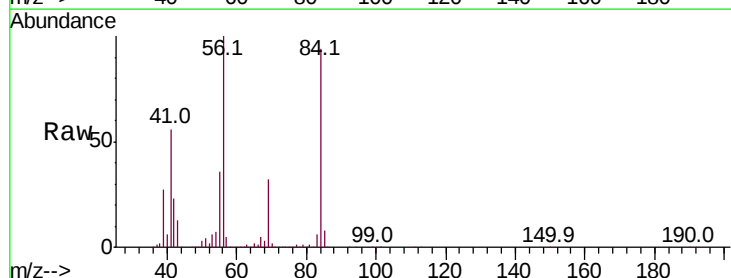
Tgt Ion: 56 Resp: 1338129

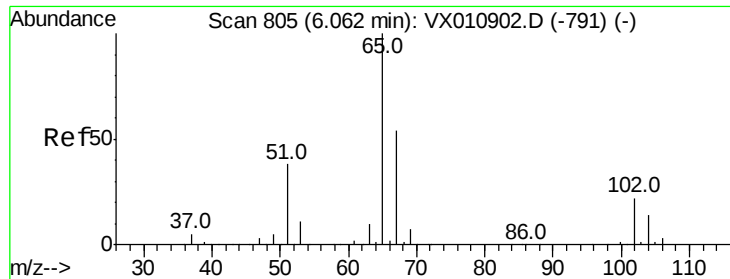
Ion Ratio Lower Upper

56 100

69 31.9 25.8 38.8

84 94.0 73.8 110.6





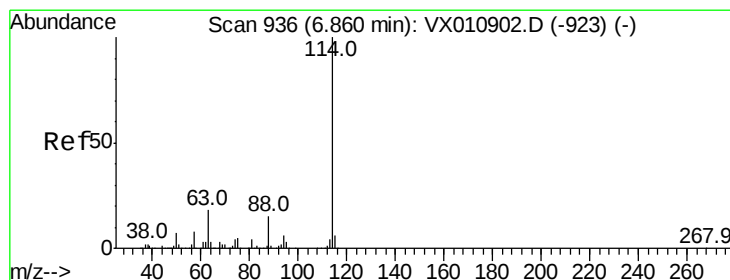
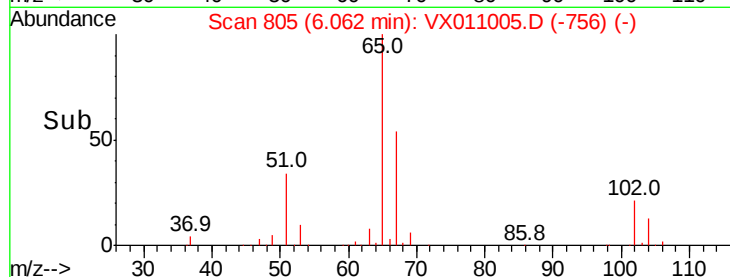
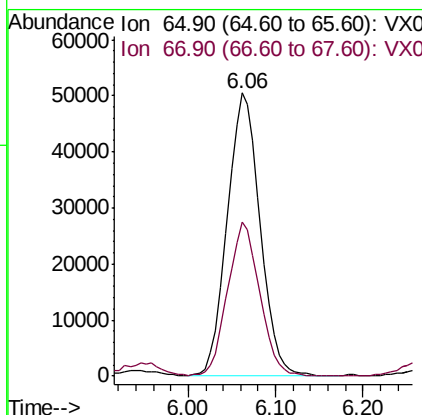
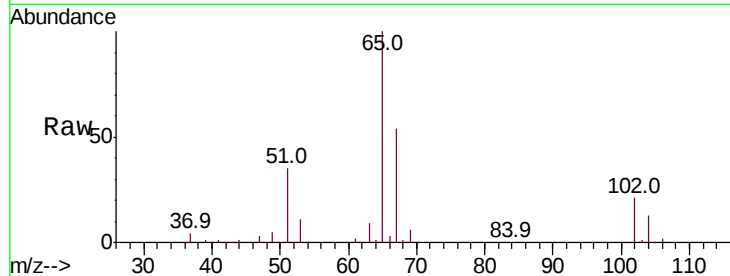
#33
 1,2-Dichloroethane-d4
 Concen: 51.454 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0620

Tot Ion	Ratio	Resp	Lower	Upper
65	100	130956		
67	53.1	0.0	107.8	

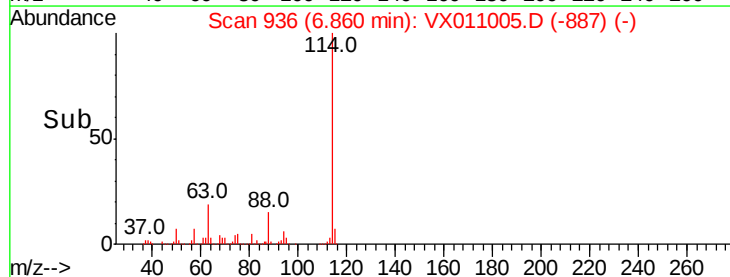
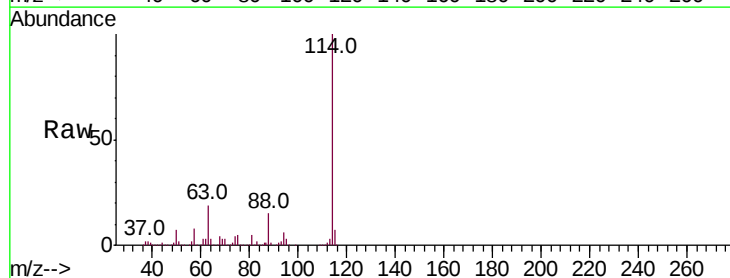
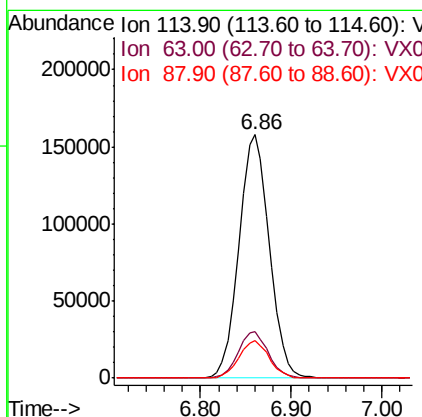
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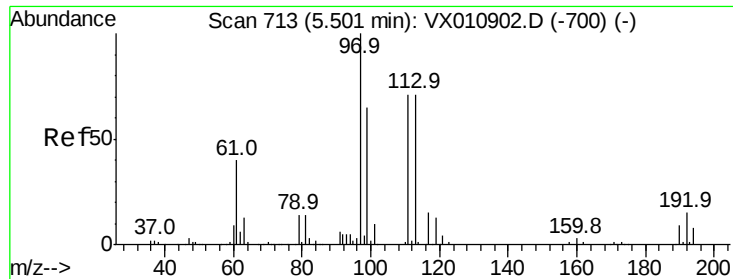
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	367750		
63	19.3	0.0	35.6	
88	15.4	0.0	29.8	





#35

Dibromofluoromethane

Concen: 49.251 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

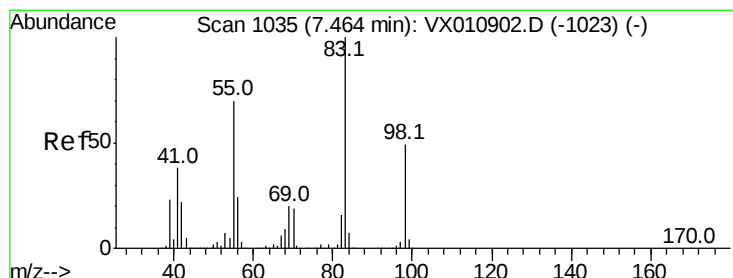
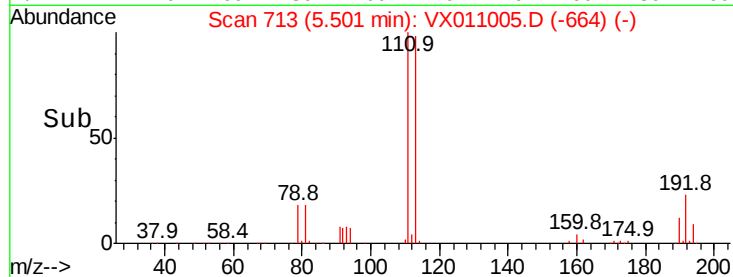
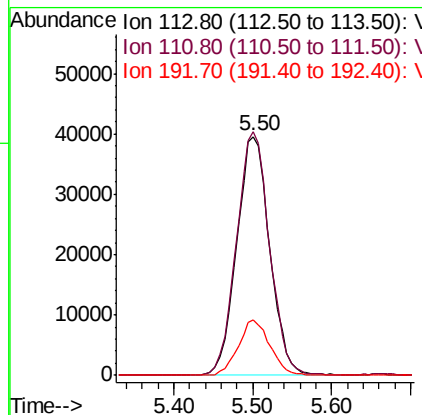
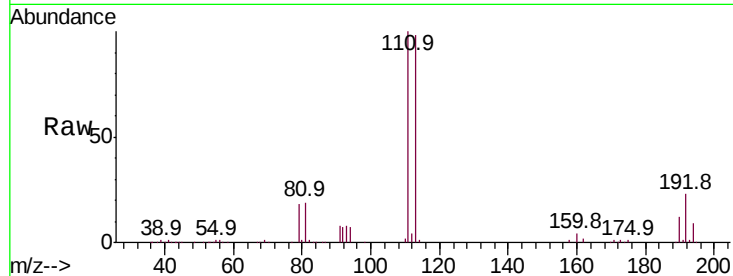
ClientSampled :

FL-0620

Tot Ion:	113	Resp:	114962
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	22.2	17.4	26.2

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#39

Methylcyclohexane

Concen: 308.617 ug/l

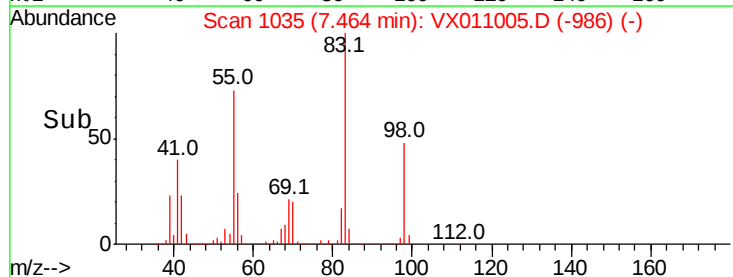
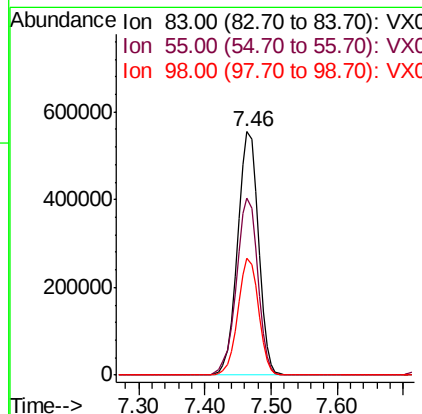
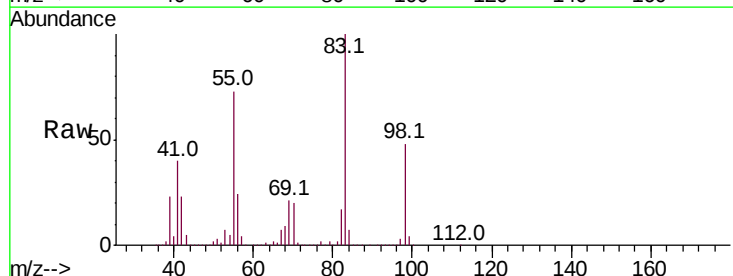
RT: 7.46 min Scan# 1035

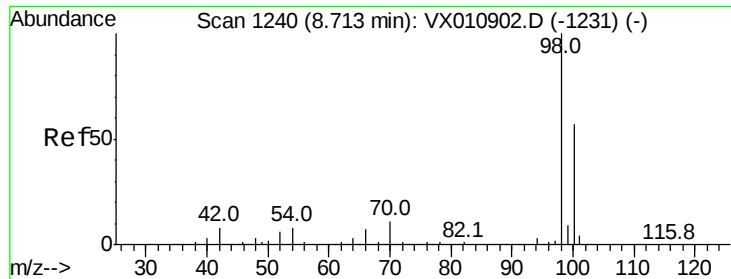
Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Tgt Ion:	83	Resp:	1208947
Ion	Ratio	Lower	Upper
83	100		
55	72.8	56.2	84.4
98	47.9	39.0	58.4





#50

Toluene-d8

Concen: 52.417 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0620

Tot Ion: 98 Resp: 458892

Ion Ratio Lower Upper

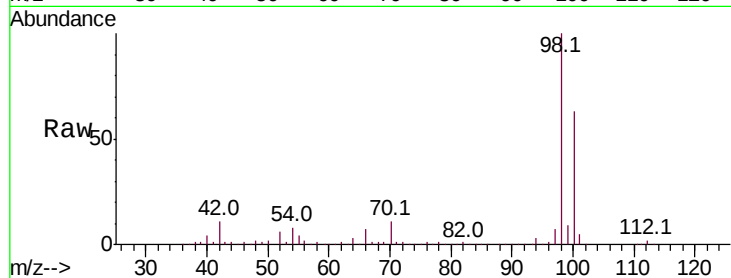
98 100

100 63.3 50.6 75.8

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

300000

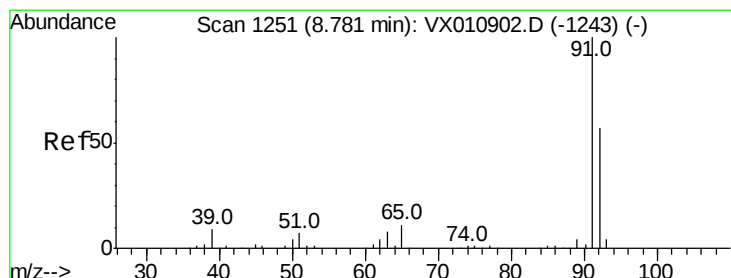
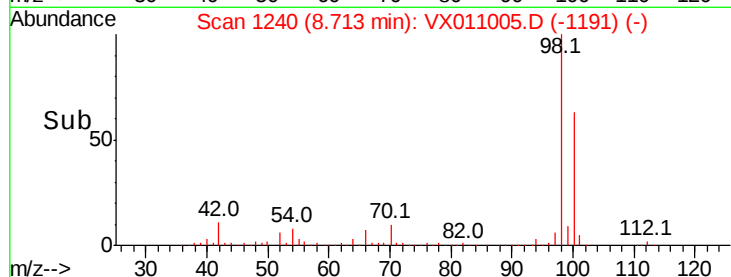
200000

100000

0

8.65 8.70 8.75 8.80

Time-->



#52

Toluene

Concen: 28.985 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011005.D

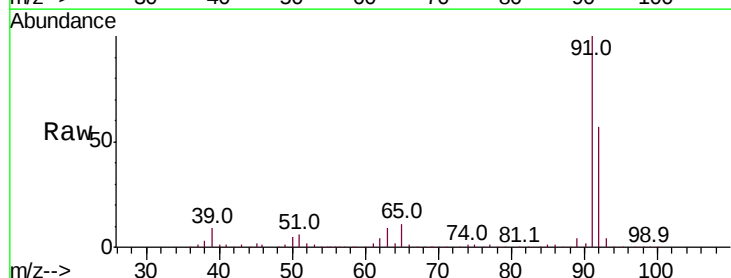
Acq: 19 Jul 2019 16:14

Tgt Ion: 92 Resp: 176190

Ion Ratio Lower Upper

92 100

91 176.6 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

200000

150000

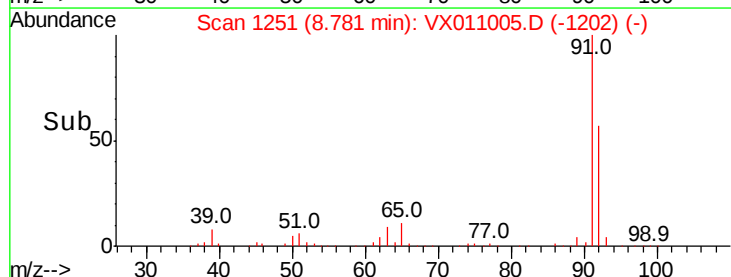
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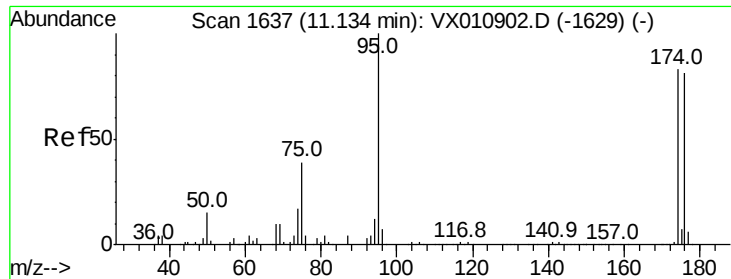
50000

0

8.70 8.75 8.80 8.85

Time-->





#62

4-Bromofluorobenzene

Concen: 55.472 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0620

Tot Ion: 95 Resp: 178505

Ion Ratio Lower Upper

95 100

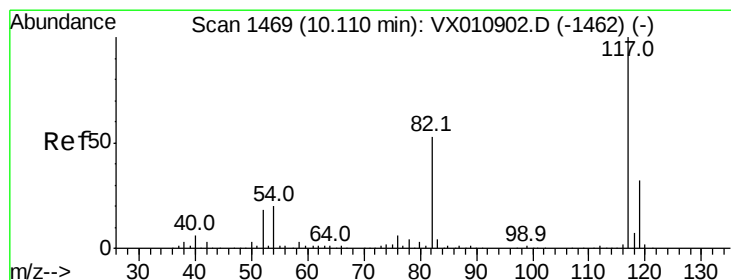
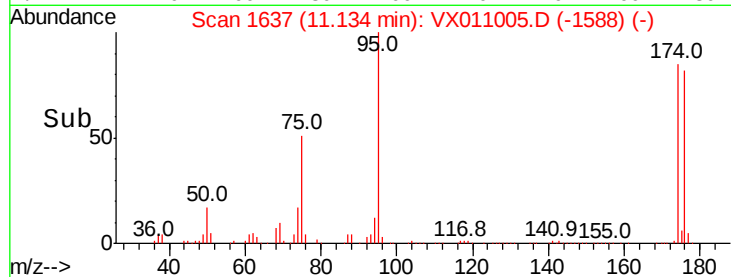
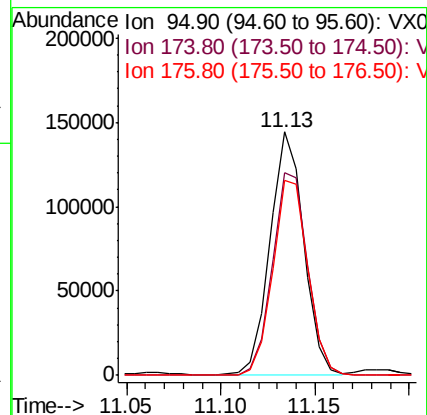
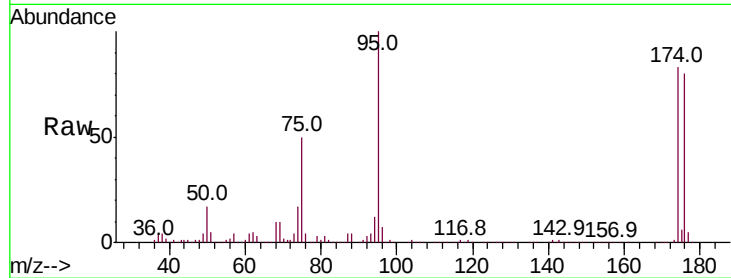
174 87.0 0.0 180.6

176 83.8 0.0 173.8

Manual Integrations
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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: VX011005.D

Acq: 19 Jul 2019 16:14

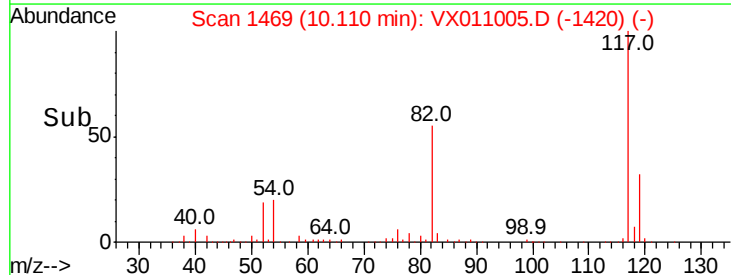
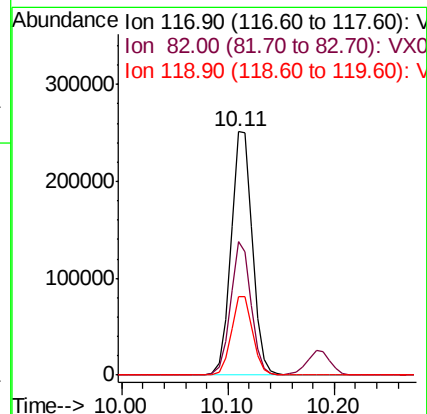
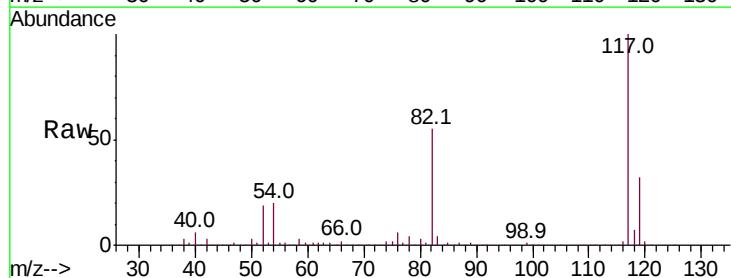
Tgt Ion: 117 Resp: 353669

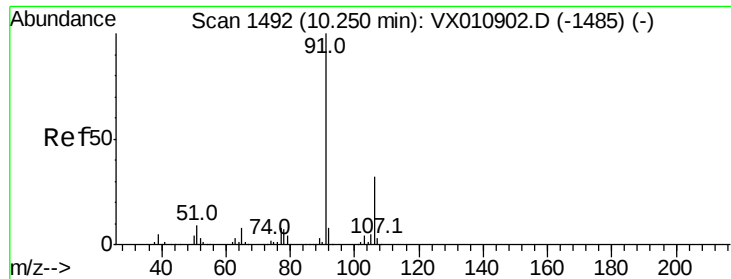
Ion Ratio Lower Upper

117 100

82 54.5 42.6 63.8

119 32.0 25.9 38.9





#67

Ethyl Benzene

Concen: 820.211 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0620

Tot Ion: 91 Resp:10141362

Ion Ratio Lower Upper

91 100

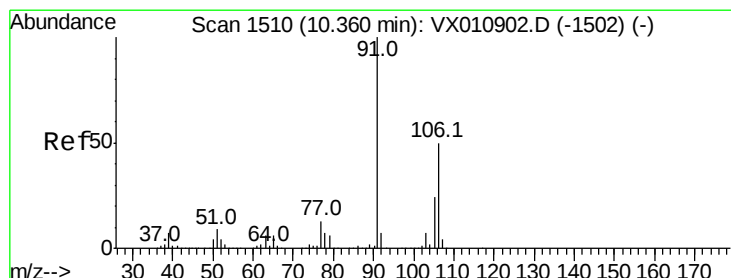
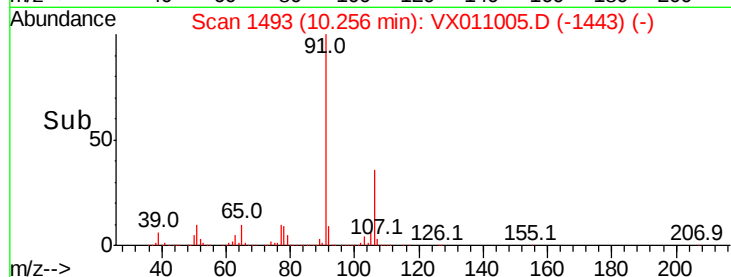
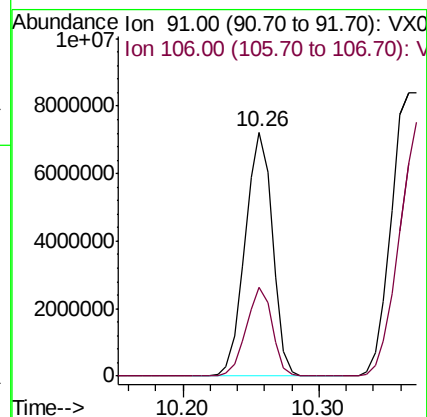
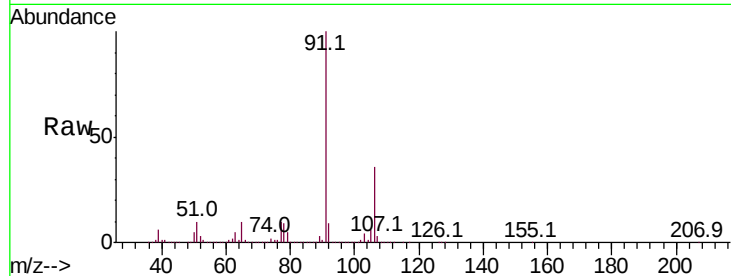
106 36.3 25.4 38.2

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#68

m/p-Xylenes

Concen: 2534.909 ug/l

RT: 10.37 min Scan# 1512

Delta R.T. 0.01 min

Lab File: VX011005.D

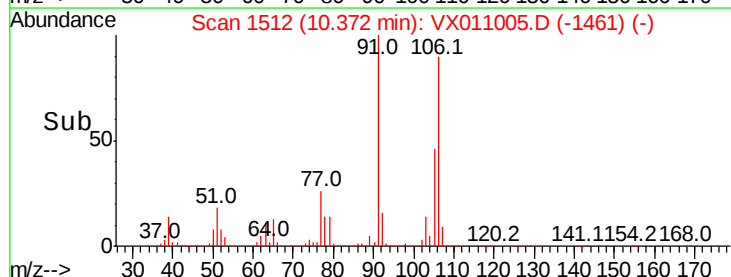
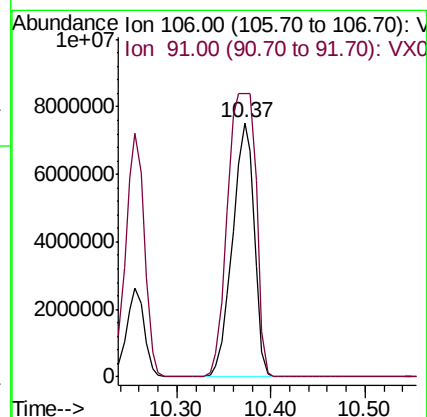
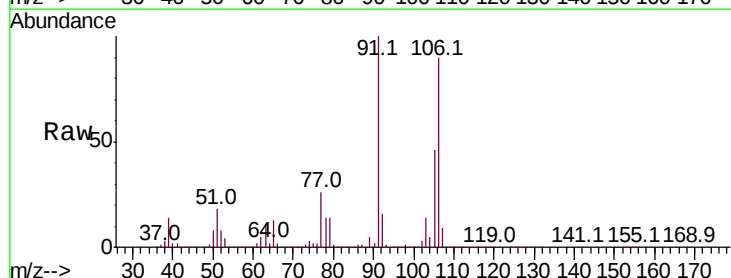
Acq: 19 Jul 2019 16:14

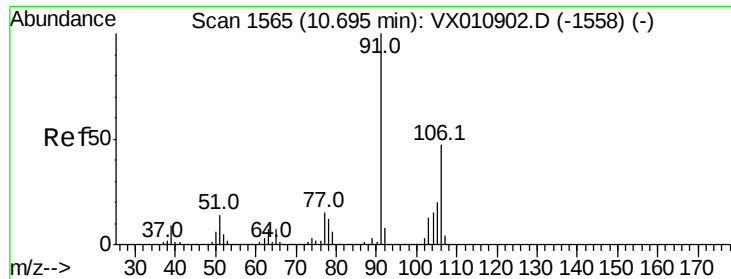
Tgt Ion:106 Resp:12022691

Ion Ratio Lower Upper

106 100

91 146.7 160.1 240.1#





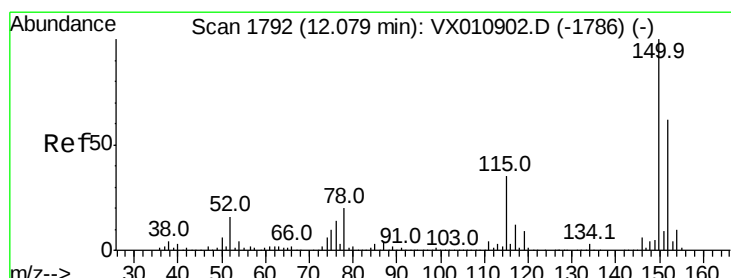
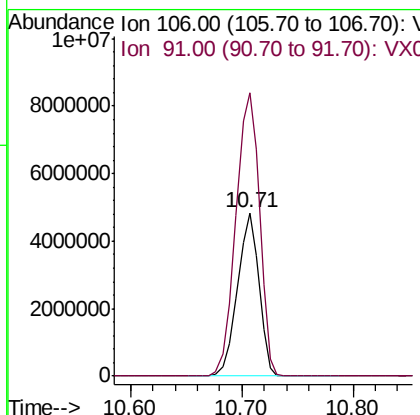
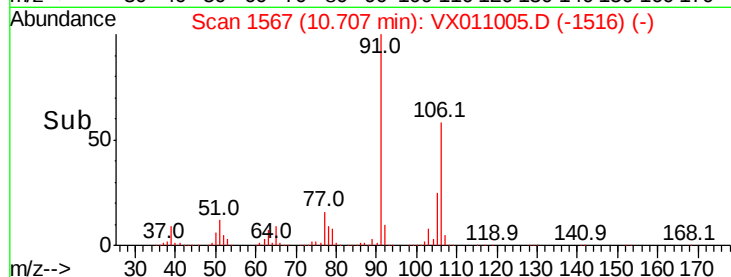
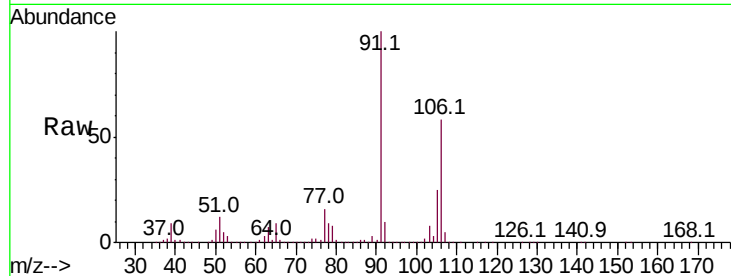
#69
o-Xylene
Concen: 1393.403 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

Instrument :
MSVOA_X
ClientSampled :
FL-0620

Tot Ion:106 Resp: 6449763
Ion Ratio Lower Upper
106 100
91 190.7 105.1 315.3

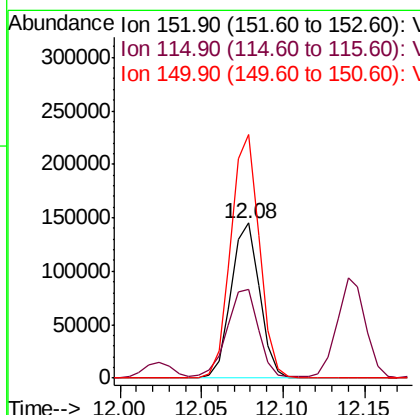
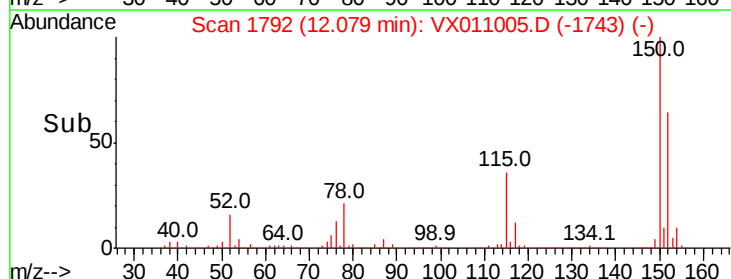
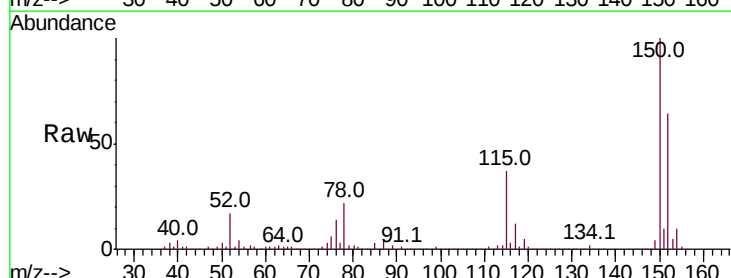
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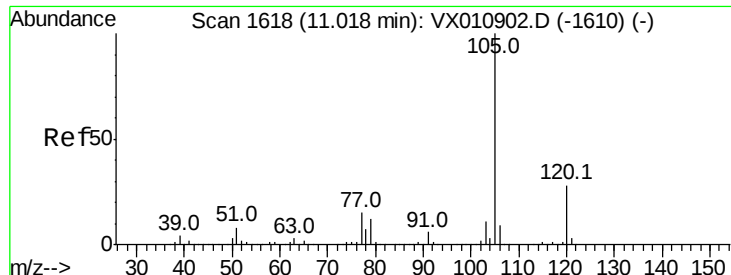
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

Tgt Ion:152 Resp: 176389
Ion Ratio Lower Upper
152 100
115 63.8 39.7 119.1
150 156.5 0.0 345.6





#73

Isopropylbenzene

Concen: 82.646 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0620

Tot Ion: 105 Resp: 985028

Ion Ratio Lower Upper

105 100

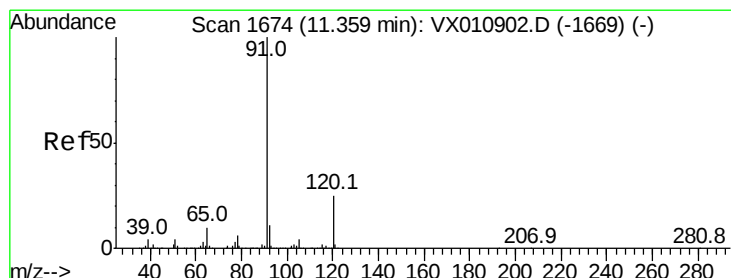
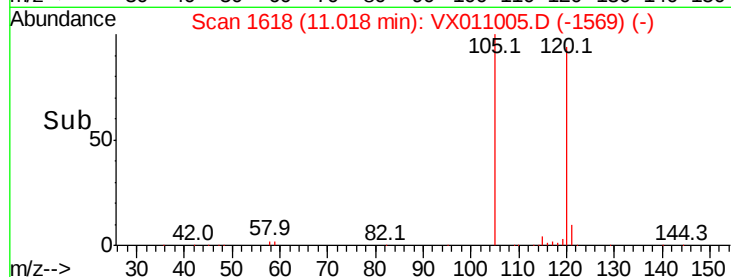
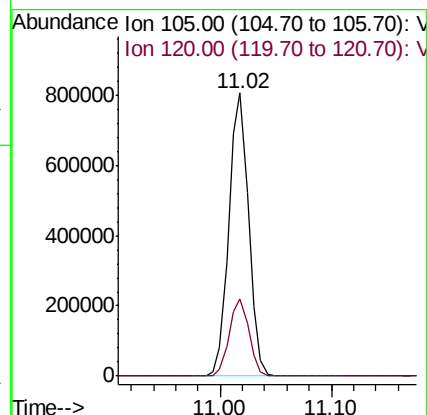
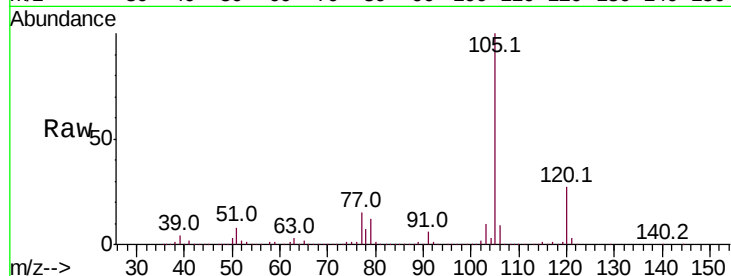
120 27.3 13.7 41.1

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#78

n-propylbenzene

Concen: 99.323 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011005.D

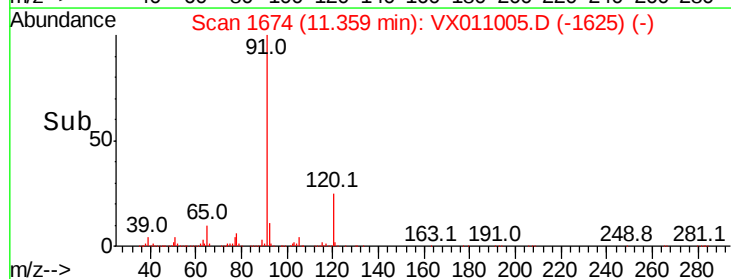
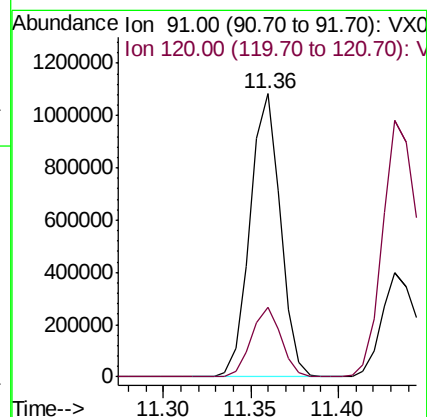
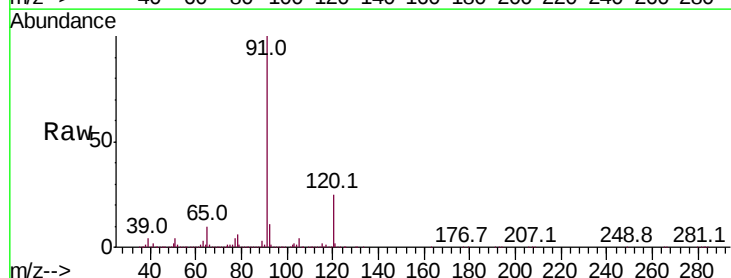
Acq: 19 Jul 2019 16:14

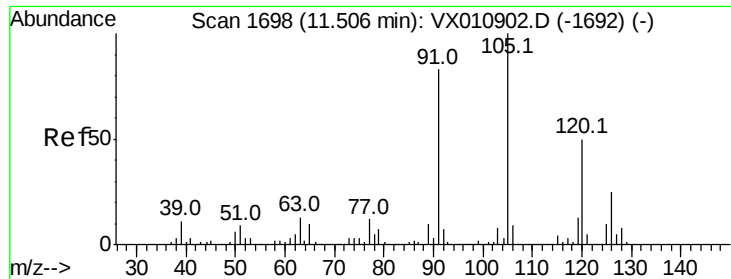
Tgt Ion: 91 Resp: 1307993

Ion Ratio Lower Upper

91 100

120 24.2 12.3 36.8





#80

1,3,5-Trimethylbenzene

Concen: 219.415 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

FL-0620

Tot Ion:105 Resp: 2185195

Ion Ratio Lower Upper

105 100

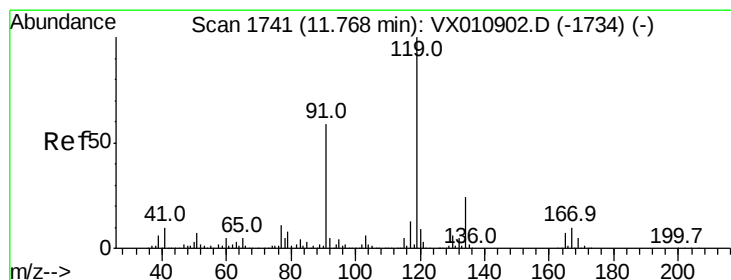
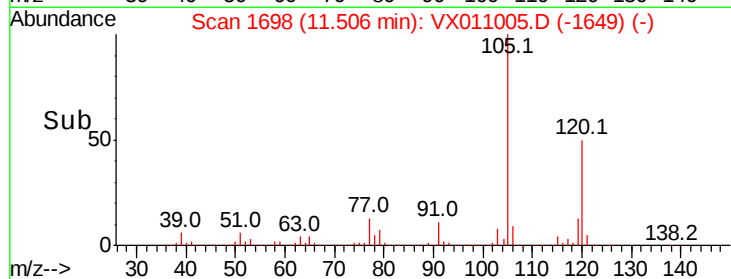
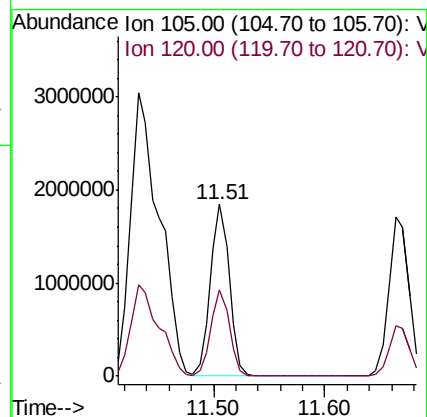
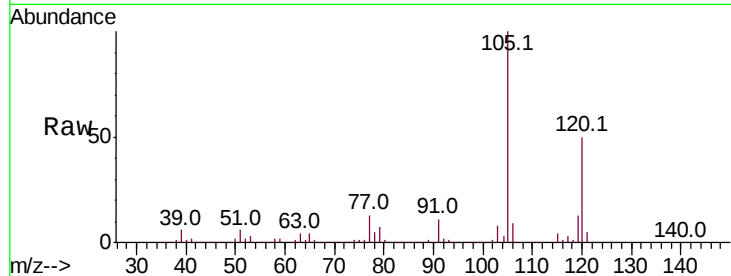
120 49.4 24.6 73.8

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#83

tert-Butylbenzene

Concen: 2.489 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011005.D

Acq: 19 Jul 2019 16:14

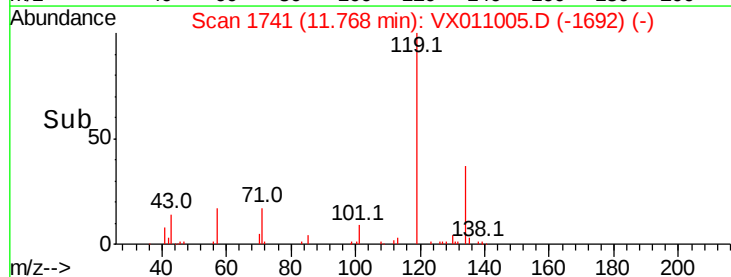
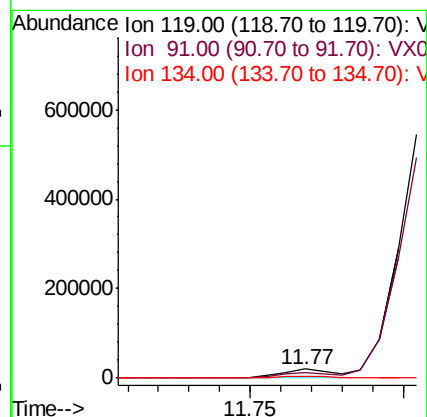
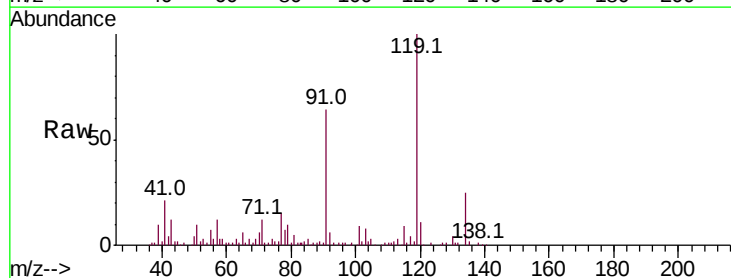
Tgt Ion:119 Resp: 24346

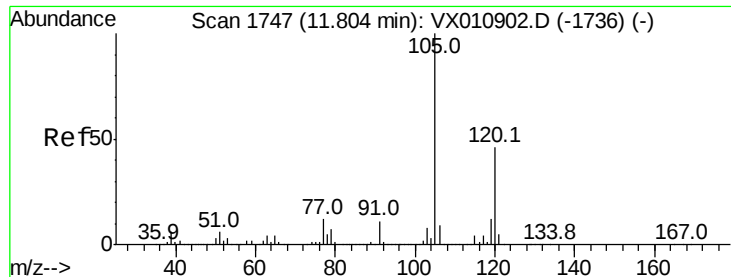
Ion Ratio Lower Upper

119 100

91 0.0 28.6 85.8#

134 27.2 11.6 34.8





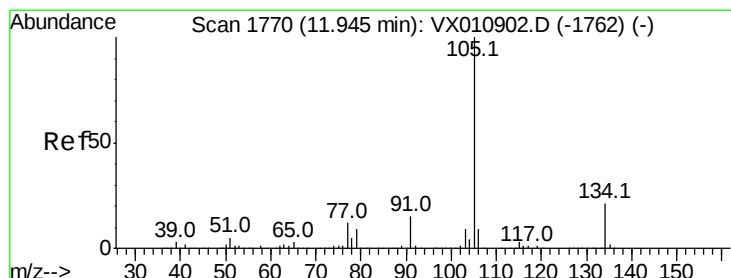
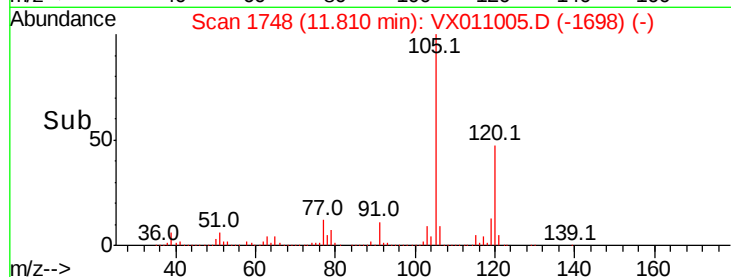
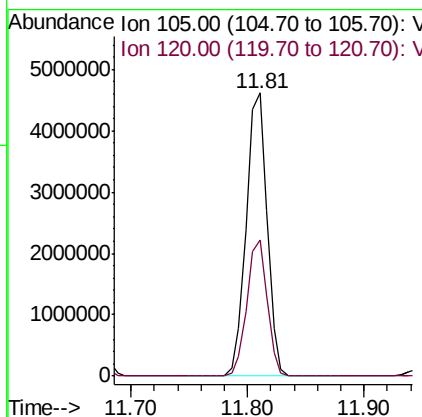
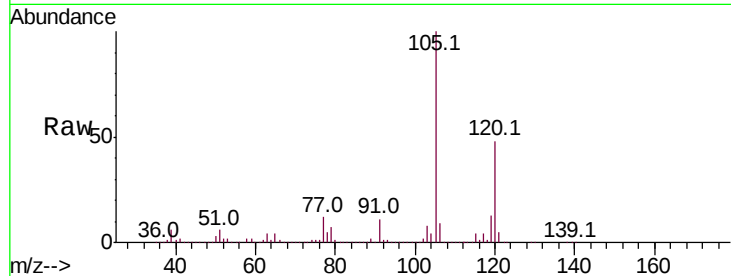
#84
 1,2,4-Trimethylbenzene
 Concen: 579.307 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0620

Tot Ion:105 Resp: 5815002
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.9 68.5

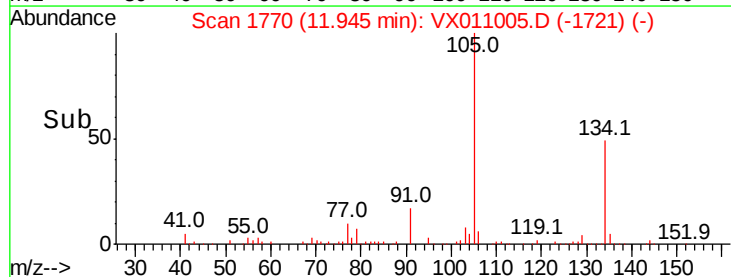
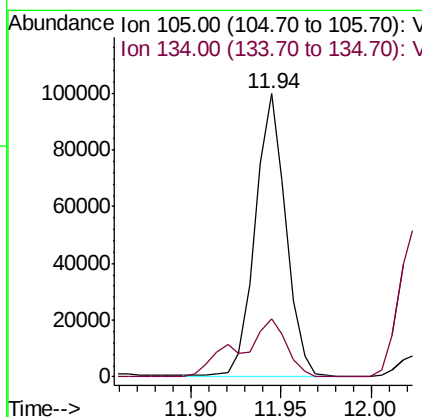
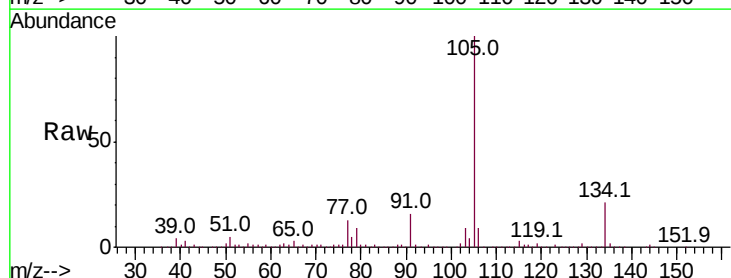
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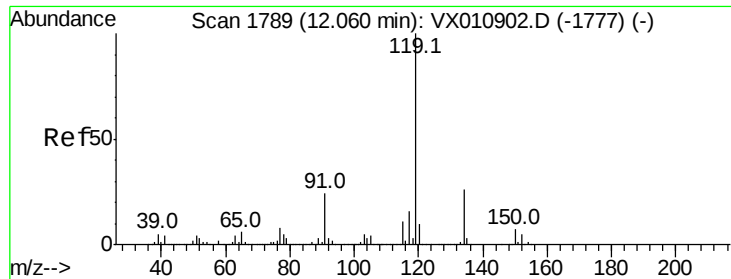
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#85
 sec-Butylbenzene
 Concen: 10.377 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

Tgt Ion:105 Resp: 118946
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.4#





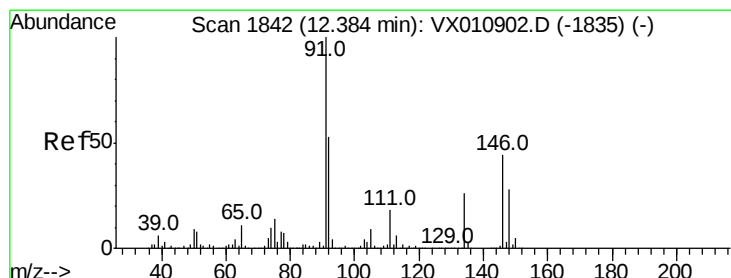
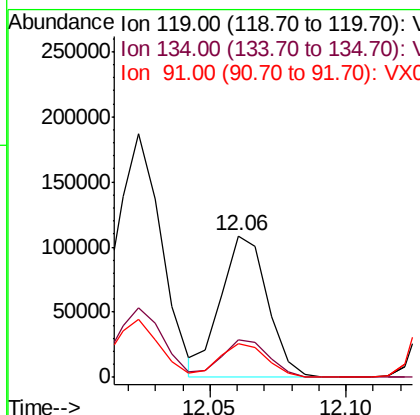
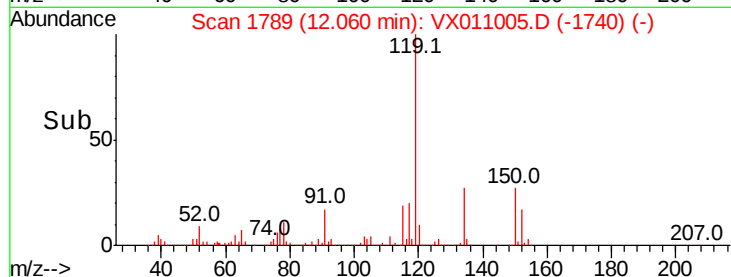
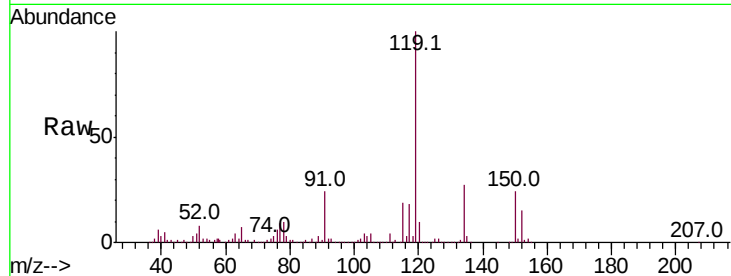
#86
 p-Isopropyltoluene
 Concen: 12.183 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0620

Tot Ion	Ratio	Resp	Lower	Upper
119	100	129103		
134	27.4		13.4	40.1
91	24.2		11.8	35.4

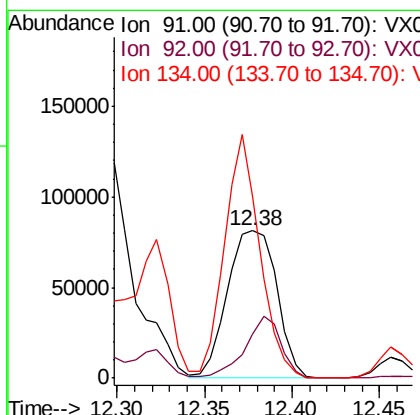
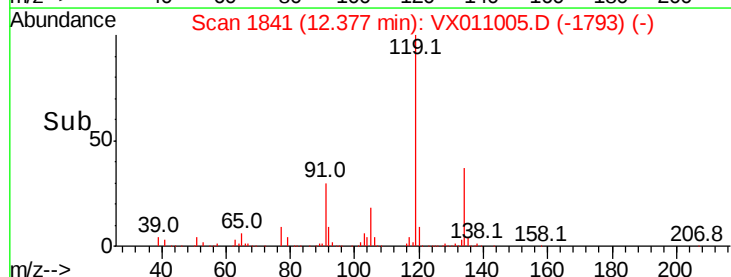
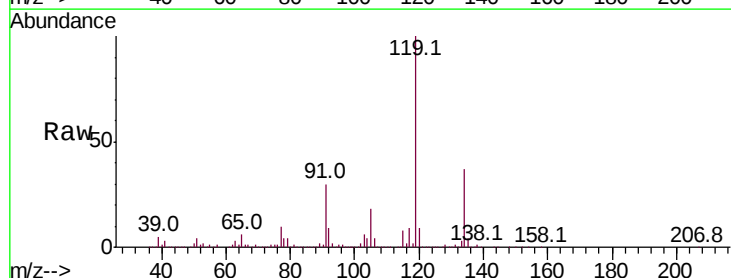
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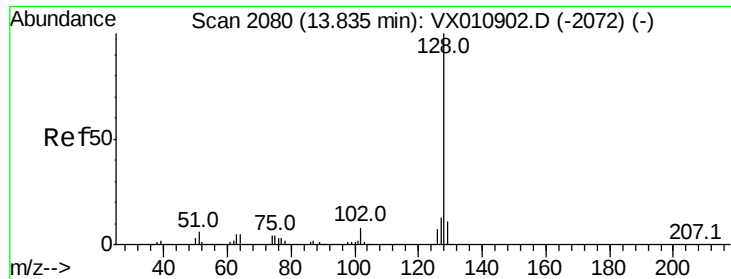
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#89
 n-Butylbenzene
 Concen: 17.498 ug/l
 RT: 12.38 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX011005.D
 Acq: 19 Jul 2019 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	158635		
92	30.7		26.2	78.5
134	117.4		13.8	41.3#





#95
Naphthalene
Concen: 269.459 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011005.D
Acq: 19 Jul 2019 16:14

Instrument :
MSVOA_X
ClientSampleId :
FL-0620

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.2	8.9	13.3

Manual Integrations
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