

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010706.D
 Acq On : 08 Jul 2019 19:19
 Operator : JC/SP
 Sample : K3664-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0582

Manual Integrations
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MMDadoda
 7/9/2019 11:12:24 AM

Quant Time: Jul 09 02:29:08 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	242514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117941	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	5.50	113	112630	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
50) Toluene-d8	8.71	98	448168	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.13	95	159797	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	5655	4.962	ug/l	95
31) Cyclohexane	5.59	56	680942	207.327	ug/l	98
39) Methylcyclohexane	7.46	83	1065917	275.399	ug/l	97
40) Benzene	6.15	78	621116	67.708	ug/l	99
67) Ethyl Benzene	10.25	91	2915810	247.051	ug/l	100
68) m/p-Xylenes	10.35	106	443000	96.869	ug/l	99
69) o-Xylene	10.69	106	3716	0.826	ug/l	98
73) Isopropylbenzene	11.02	105	940622	78.711	ug/l	99
78) n-propylbenzene	11.36	91	1540382	117.282	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	297678	30.216	ug/l	98
83) tert-Butylbenzene	11.77	119	17769m	1.797	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	5090798	514.336	ug/l	99
85) sec-Butylbenzene	11.94	105	206961	17.826	ug/l	85
86) p-Isopropyltoluene	12.06	119	81895	7.626	ug/l	98
89) n-Butylbenzene	12.38	91	98082m	10.748	ug/l	
95) Naphthalene	13.83	128	1071606	86.860	ug/l	99

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

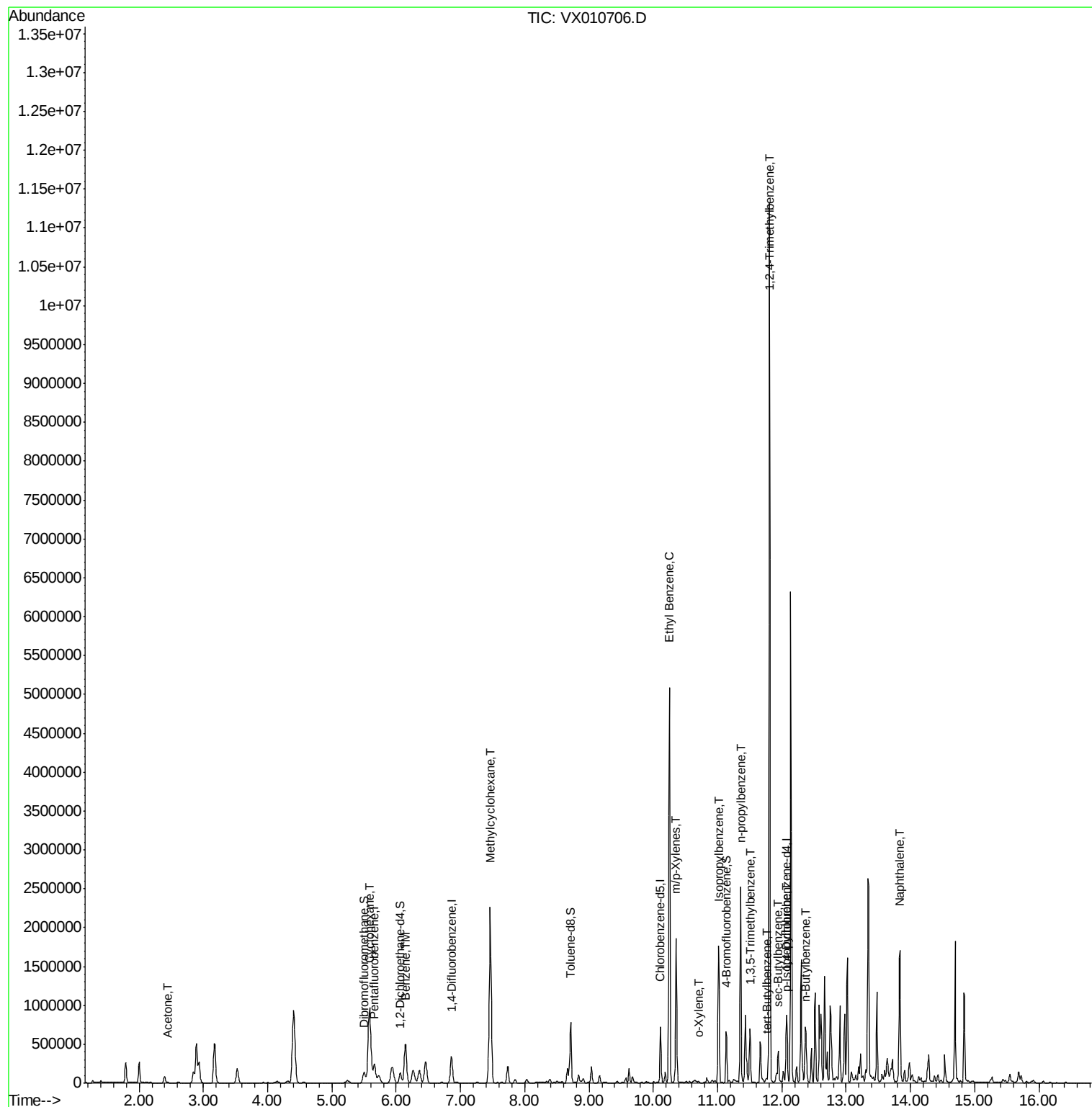
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Data File : VX010706.D
Acq On : 08 Jul 2019 19:19
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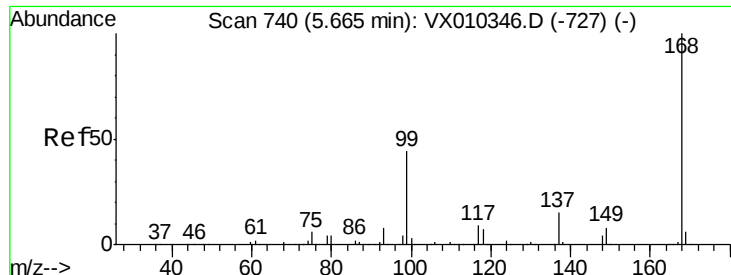
Instrument :
MSVOA_X
ClientSampleId :
FL-0582

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Quant Time: Jul 09 02:29:08 2019
Quant Method : Z:\V0ASRV\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: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

FL-0582

Tgt Ion:168 Resp: 242514

Ion Ratio Lower Upper

168 100

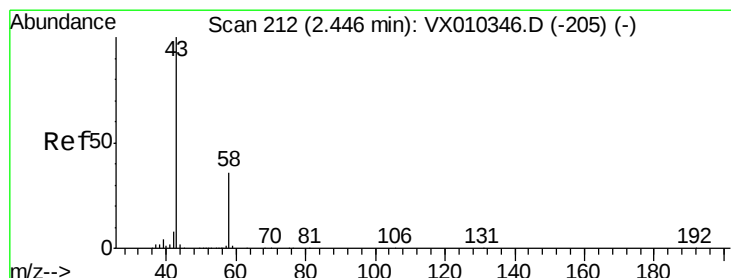
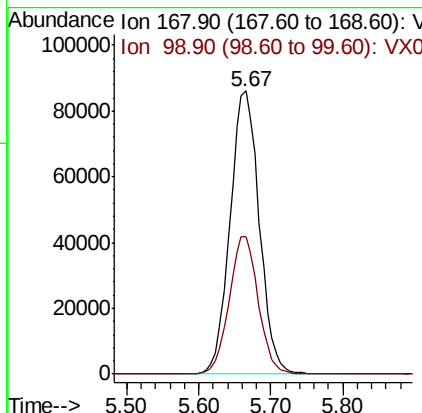
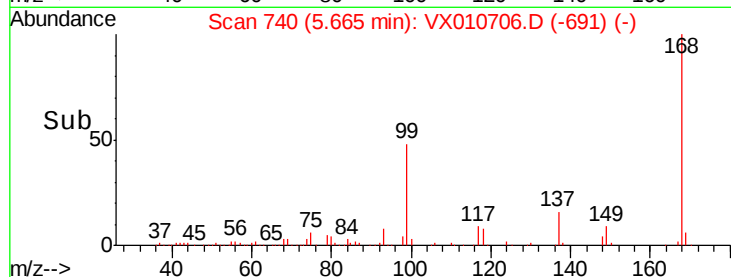
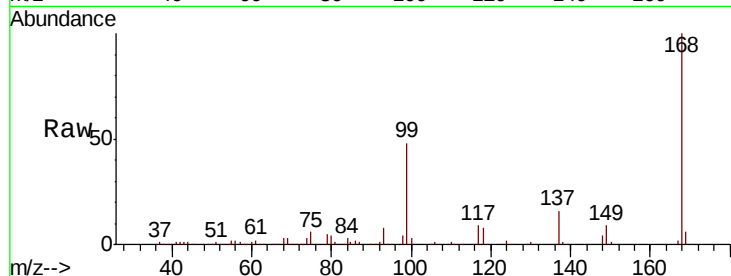
99 48.3 35.5 53.3

Manual Integrations

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#16

Acetone

Concen: 4.962 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010706.D

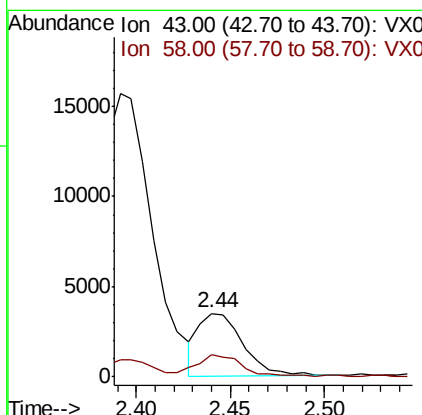
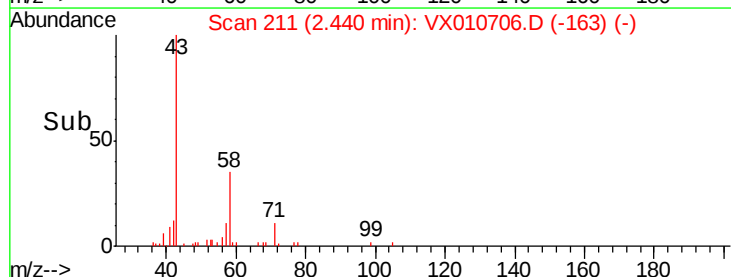
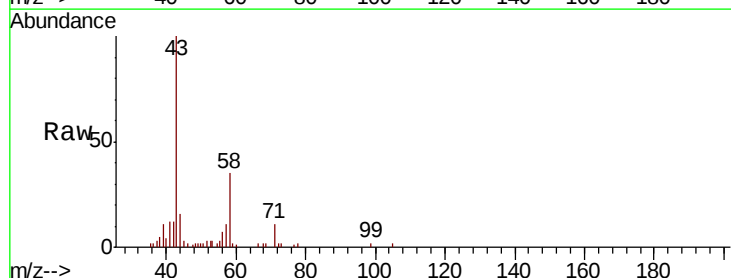
Acq: 08 Jul 2019 19:19

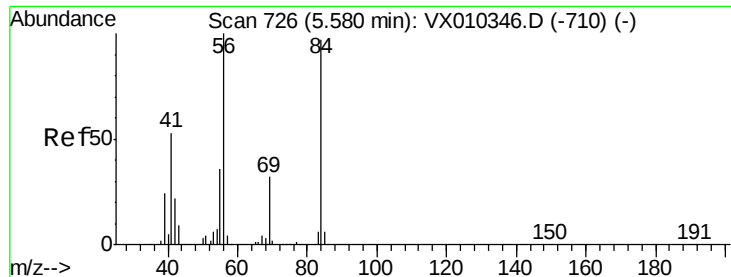
Tgt Ion: 43 Resp: 5655

Ion Ratio Lower Upper

43 100

58 33.2 28.9 43.3





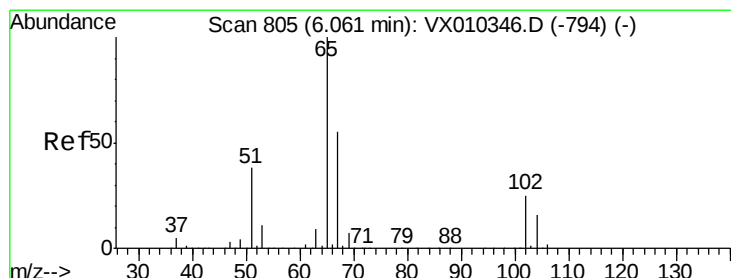
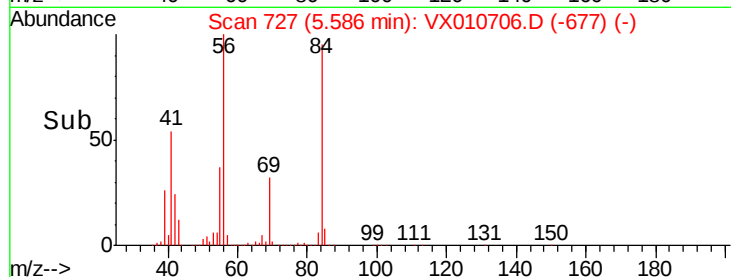
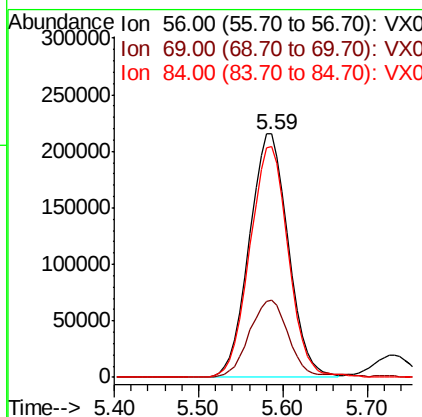
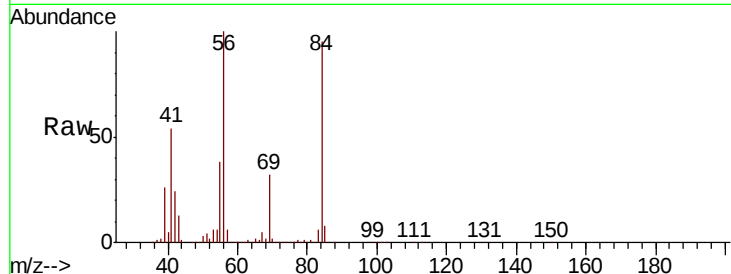
#31
Cyclohexane
Concen: 207.327 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Instrument :
MSVOA_X
ClientSampled :
FL-0582

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.9	38.9
84	94.7	78.0	117.0

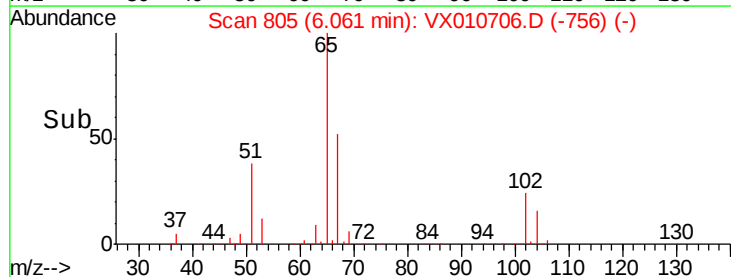
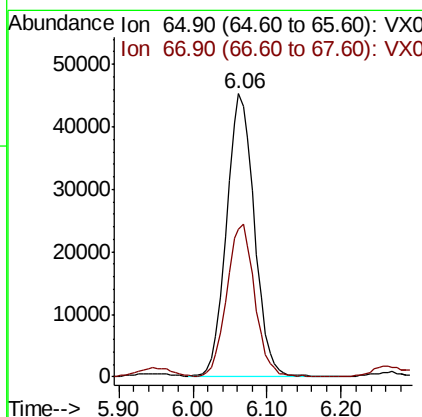
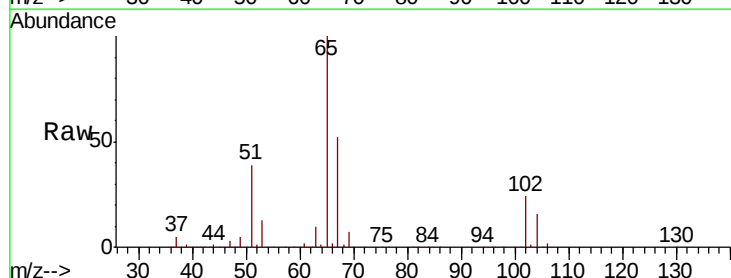
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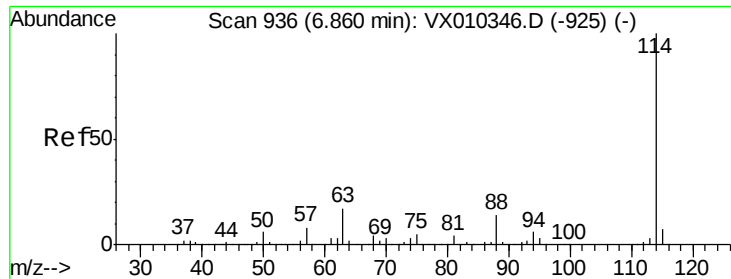
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#33
1,2-Dichloroethane-d4
Concen: 51.869 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	110.2





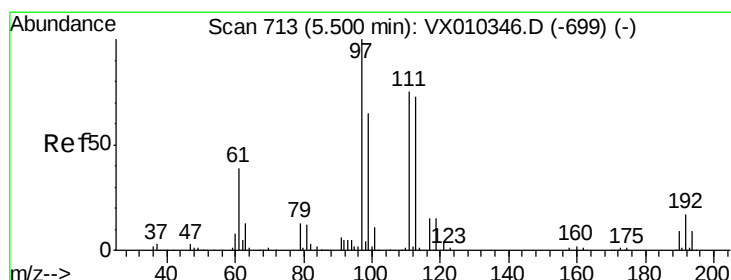
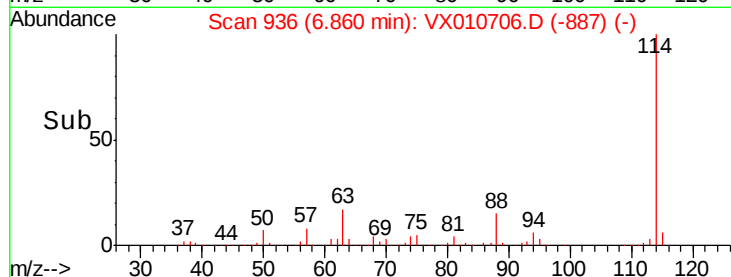
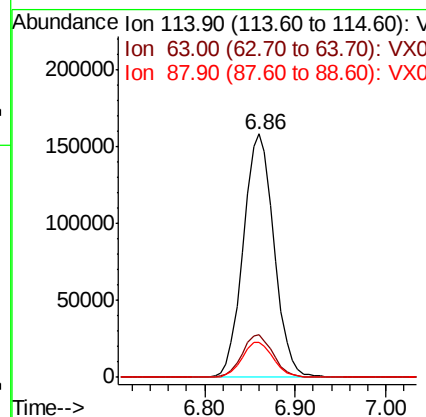
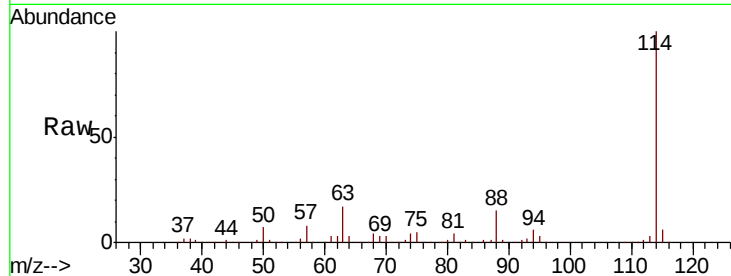
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0582

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	17.2	0.0	33.8
88	14.6	0.0	27.6

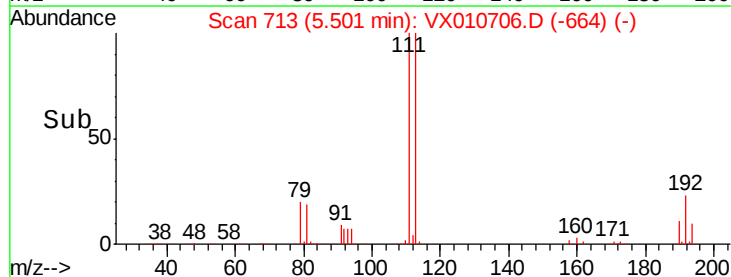
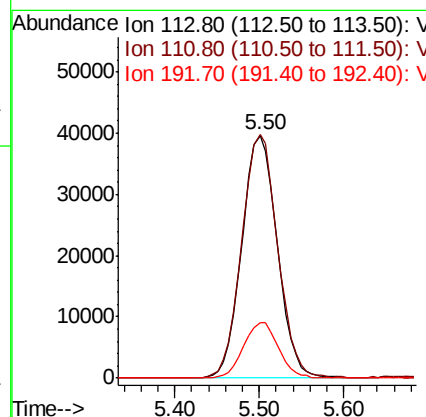
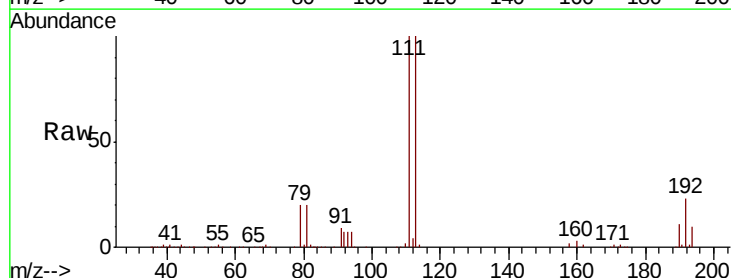
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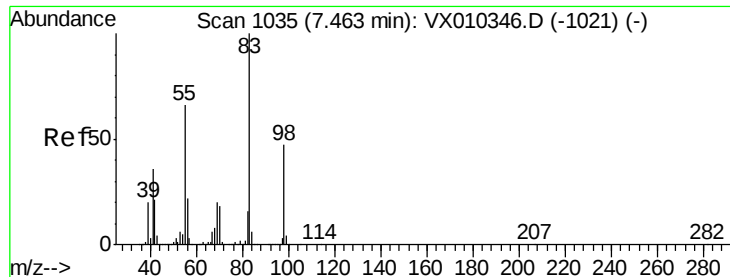
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#35
 Dibromofluoromethane
 Concen: 49.681 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	101.7	81.2	121.8
192	22.7	18.6	27.8





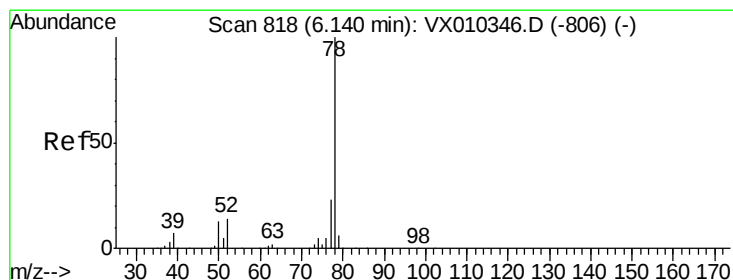
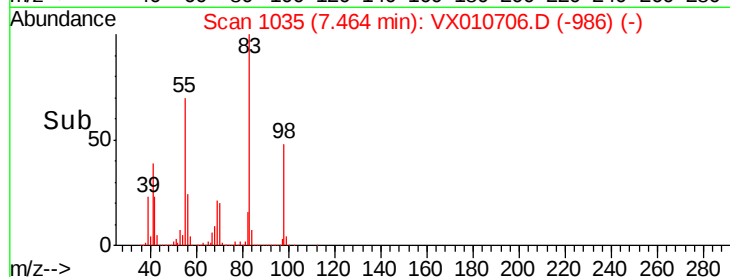
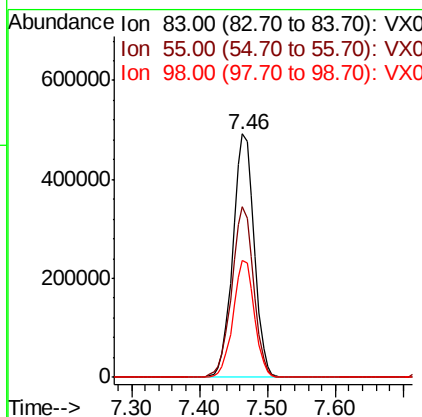
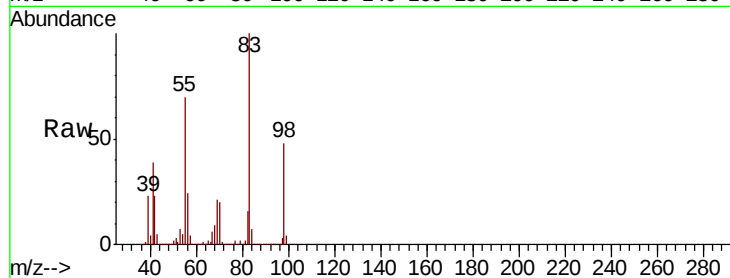
#39
Methylcyclohexane
Concen: 275.399 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Instrument :
MSVOA_X
ClientSampleId :
FL-0582

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.3	53.0	79.6
98	47.9	37.8	56.8

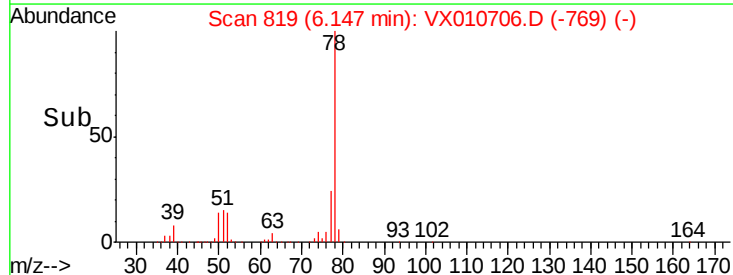
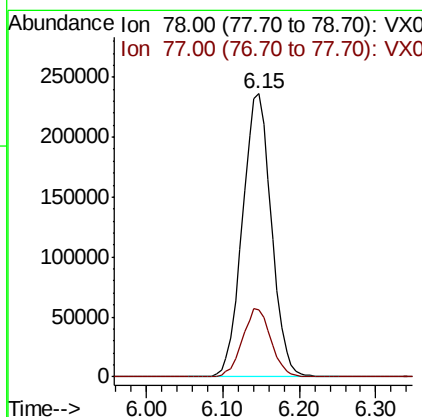
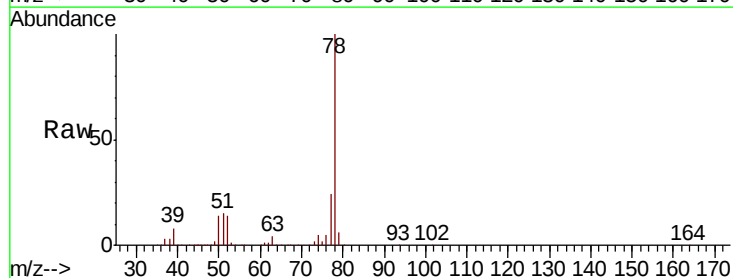
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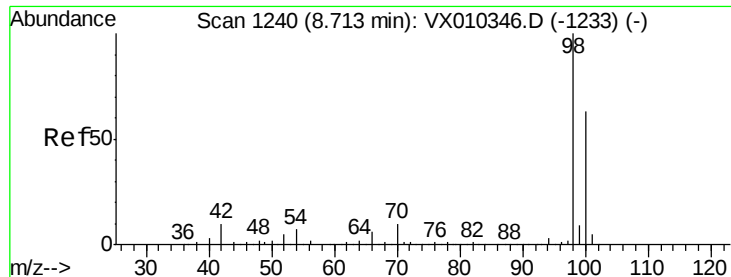
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#40
Benzene
Concen: 67.708 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0





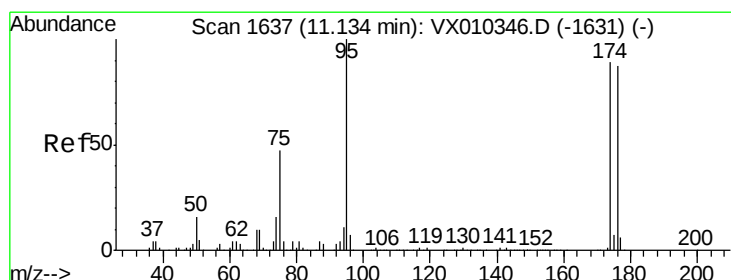
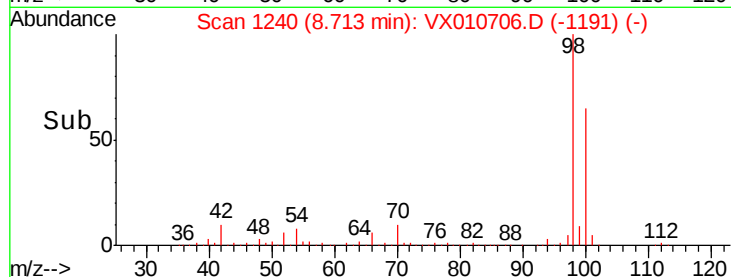
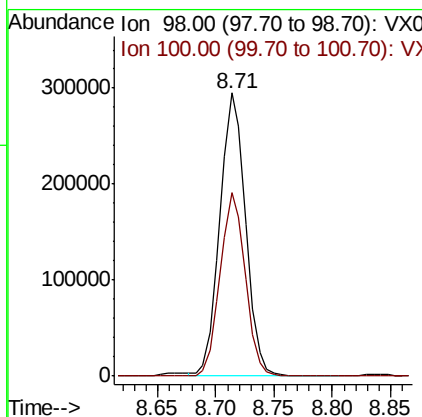
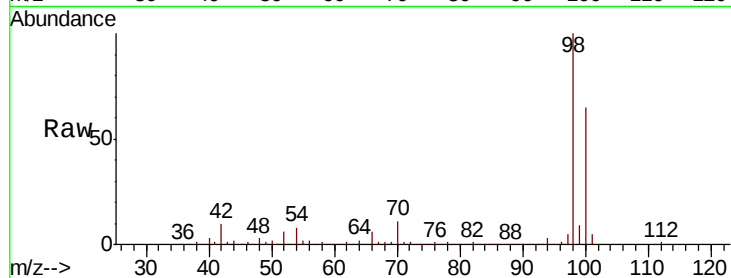
#50
Toluene-d8
Concen: 51.672 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Instrument :
MSVOA_X
ClientSampleId :
FL-0582

Tgt Ion: 98 Resp: 448168
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

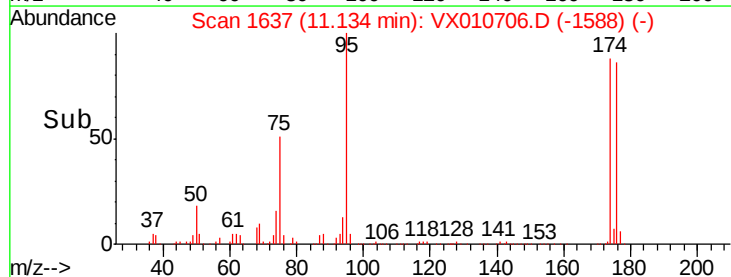
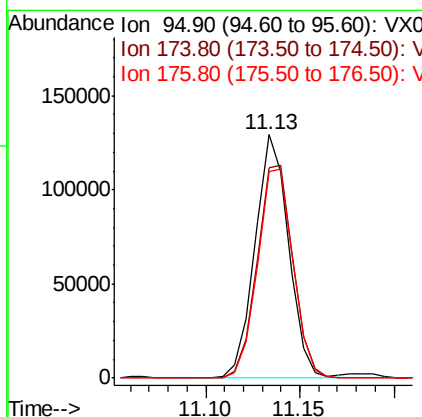
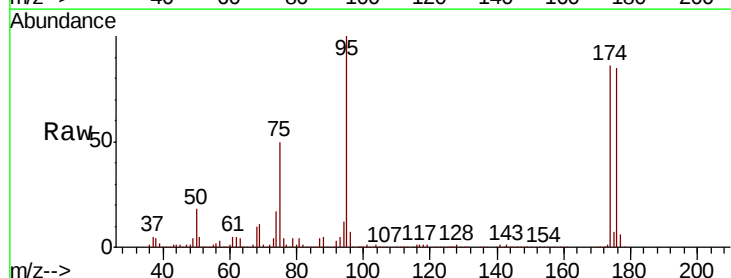
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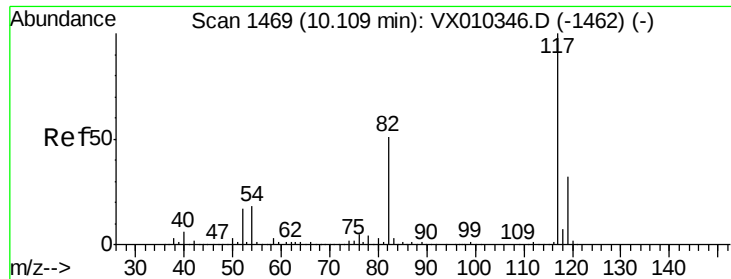
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#62
4-Bromofluorobenzene
Concen: 51.031 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Tgt Ion: 95 Resp: 159797
Ion Ratio Lower Upper
95 100
174 93.1 0.0 187.6
176 90.9 0.0 184.0





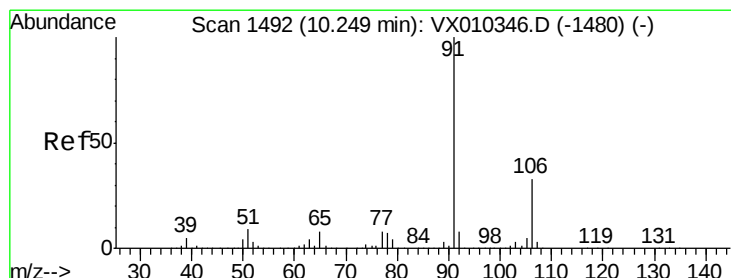
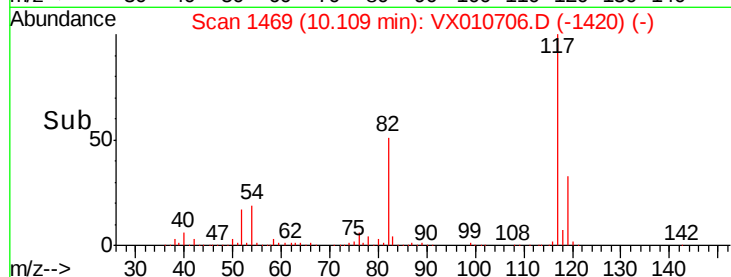
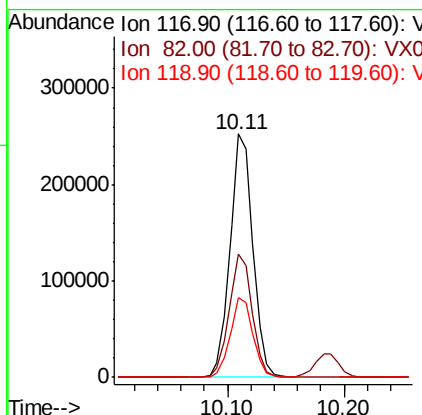
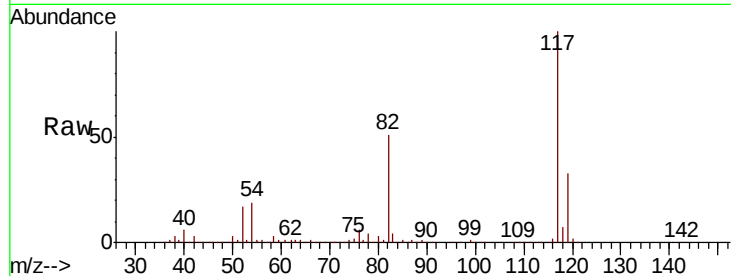
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Instrument :
MSVOA_X
ClientSampleId :
FL-0582

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.2	61.8
119	32.5	25.5	38.3

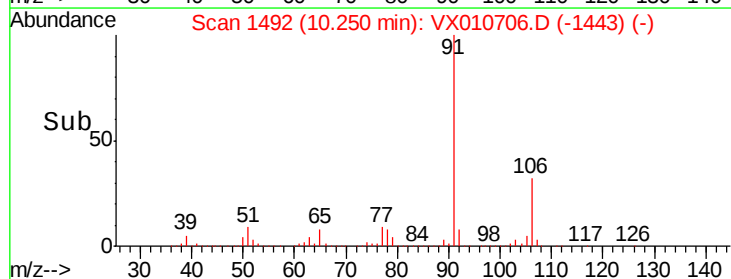
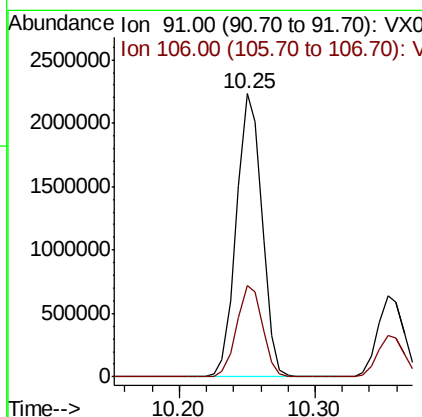
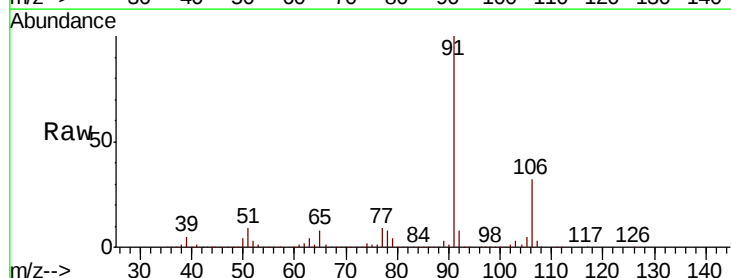
Manual Integrations
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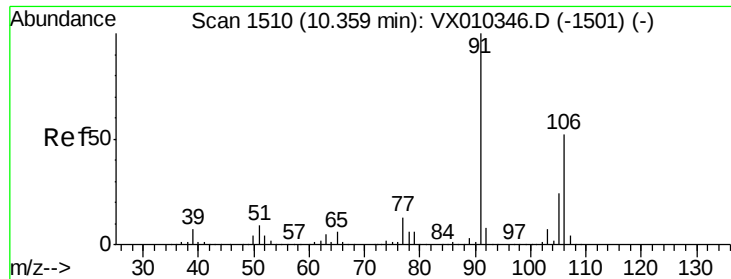
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#67
Ethyl Benzene
Concen: 247.051 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.2	39.2





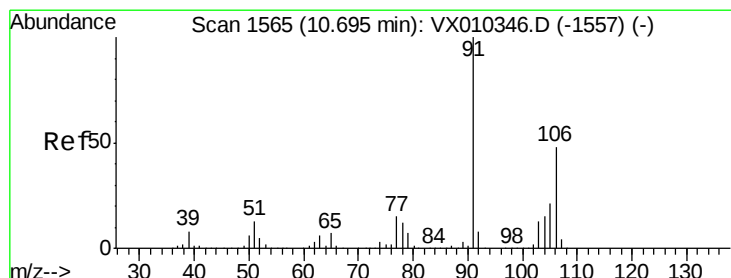
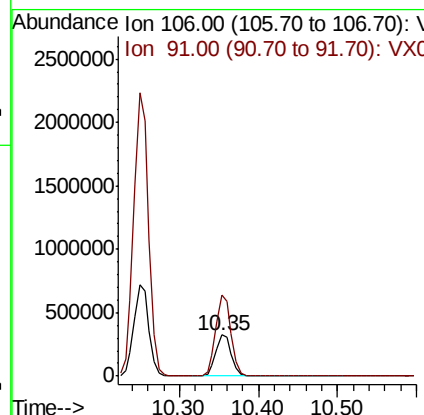
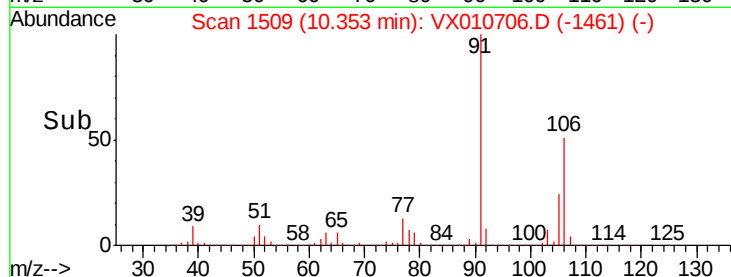
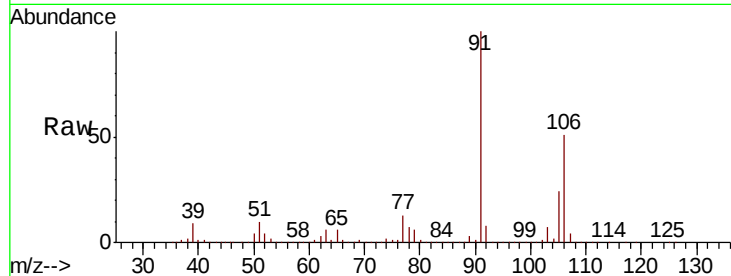
#68
m/p-Xylenes
Concen: 96.869 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Instrument :
MSVOA_X
ClientSampled :
FL-0582

Tgt Ion:106 Resp: 443000
Ion Ratio Lower Upper
106 100
91 195.8 155.3 232.9

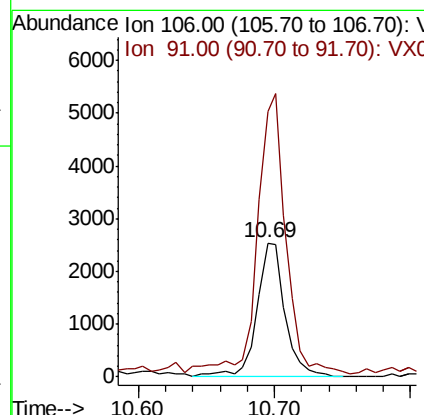
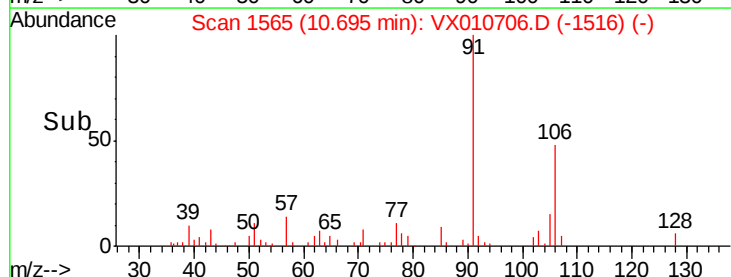
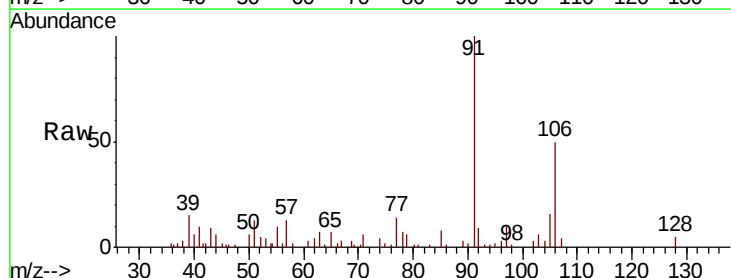
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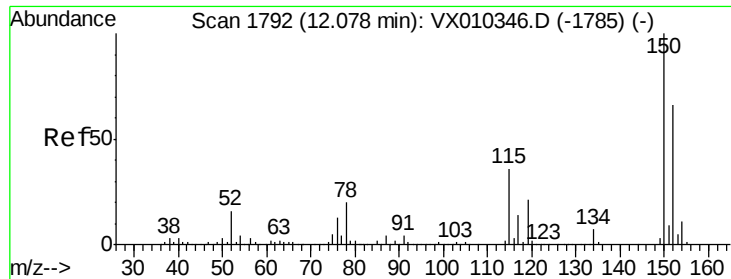
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#69
o-Xylene
Concen: 0.826 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Tgt Ion:106 Resp: 3716
Ion Ratio Lower Upper
106 100
91 208.3 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

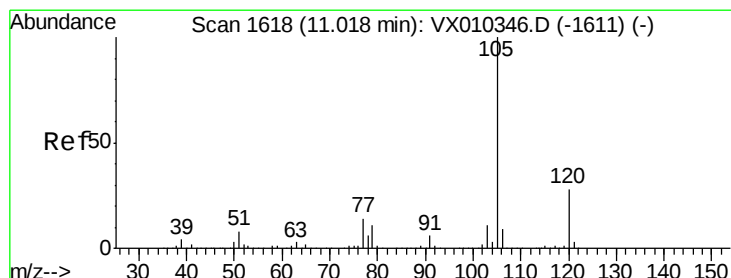
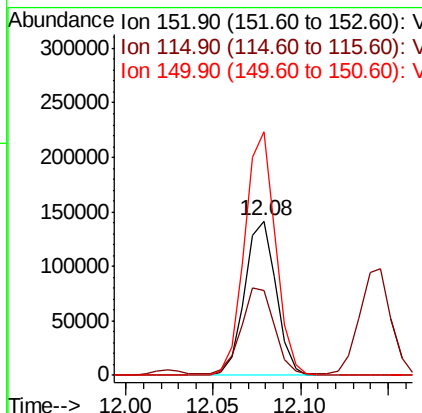
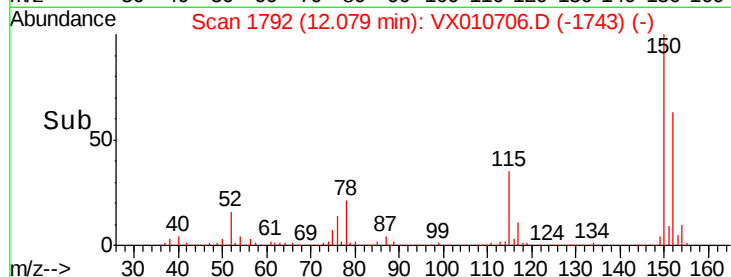
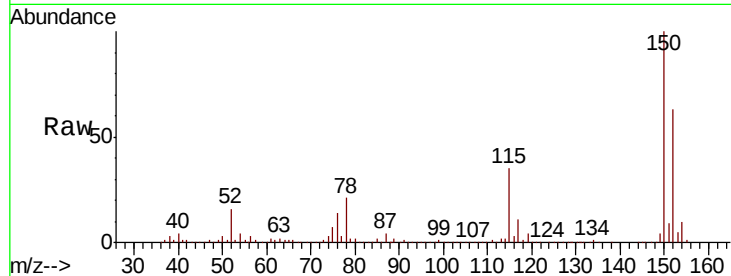
ClientSampleId :

FL-0582

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	176291		
115	59.6	38.6	115.7	
150	156.1	0.0	347.4	

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#73

Isopropylbenzene

Concen: 78.711 ug/l

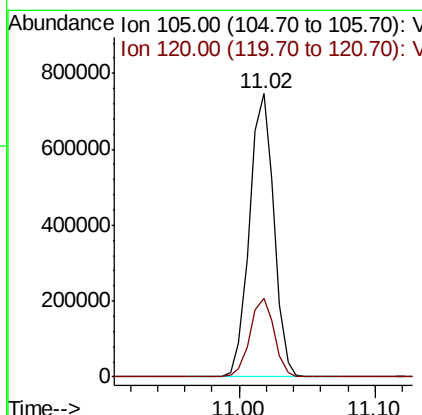
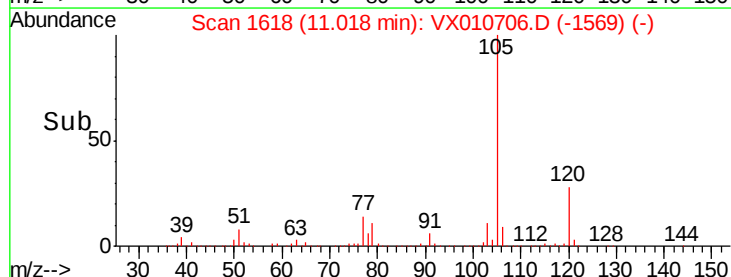
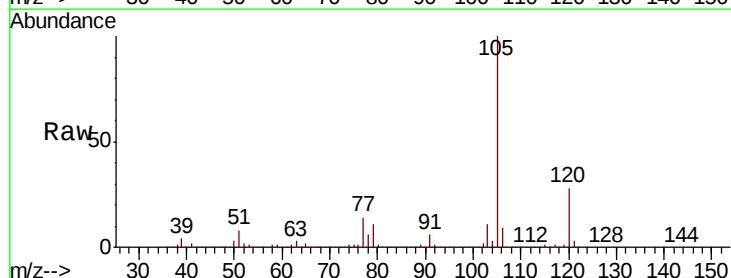
RT: 11.02 min Scan# 1618

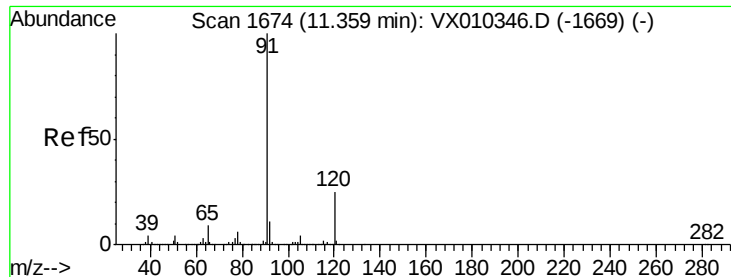
Delta R.T. 0.00 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	940622		
120	27.5	14.1	42.4	





#78

n-propylbenzene

Concen: 117.282 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

FL-0582

Tgt Ion: 91 Resp: 1540382

Ion Ratio Lower Upper

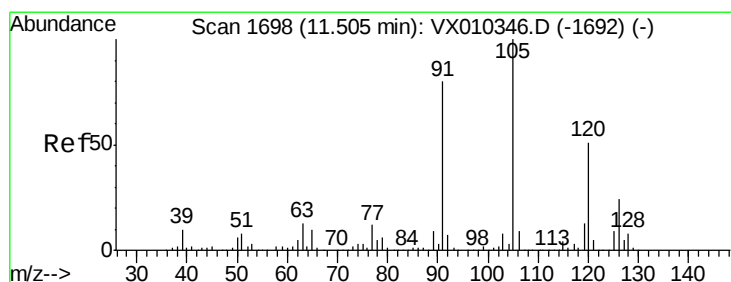
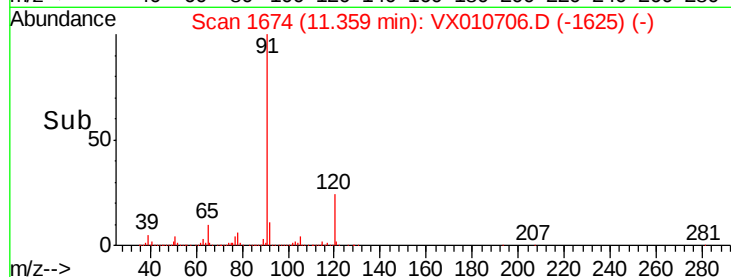
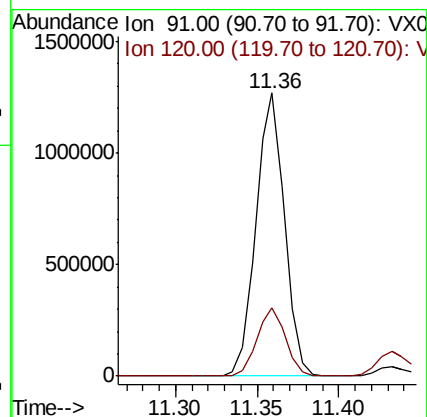
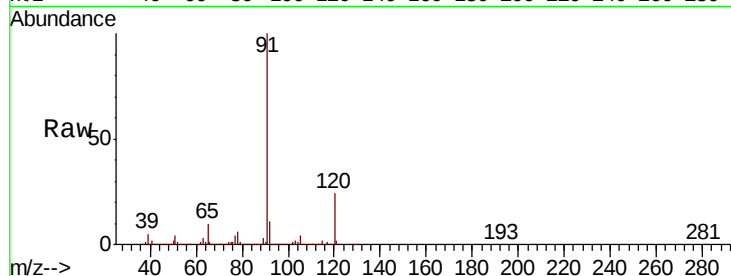
91 100

120 24.1 12.4 37.4

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#80

1,3,5-Trimethylbenzene

Concen: 30.216 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010706.D

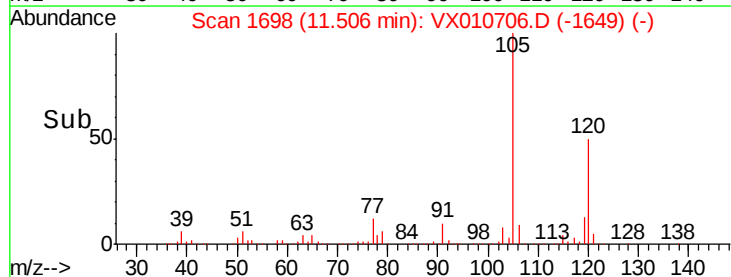
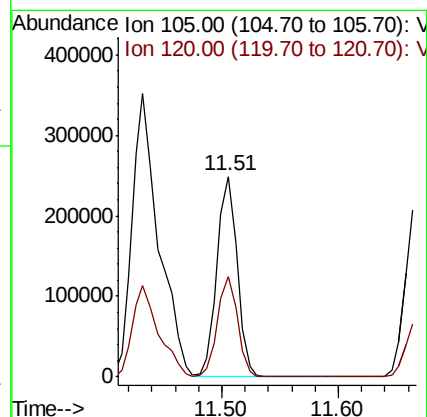
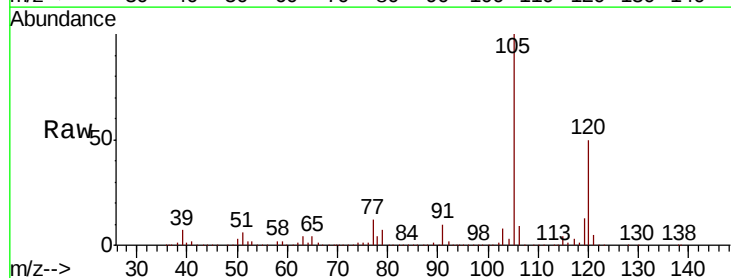
Acq: 08 Jul 2019 19:19

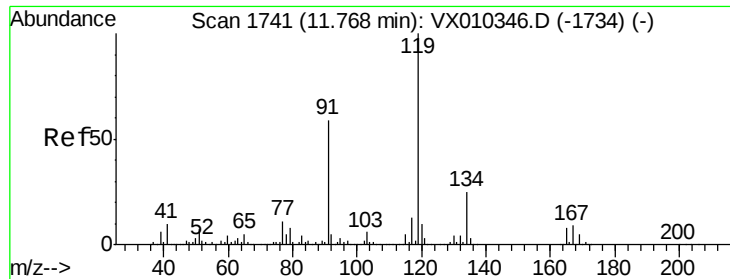
Tgt Ion: 105 Resp: 297678

Ion Ratio Lower Upper

105 100

120 49.3 25.2 75.6





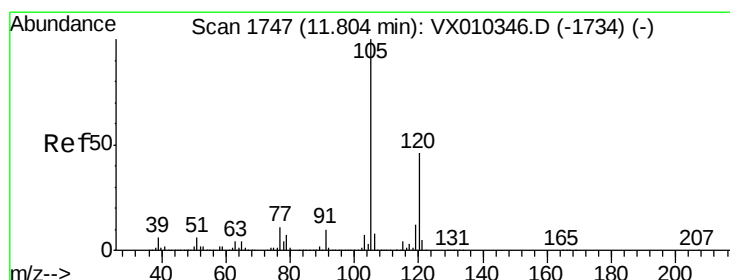
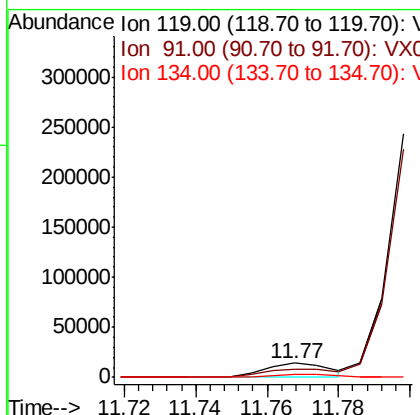
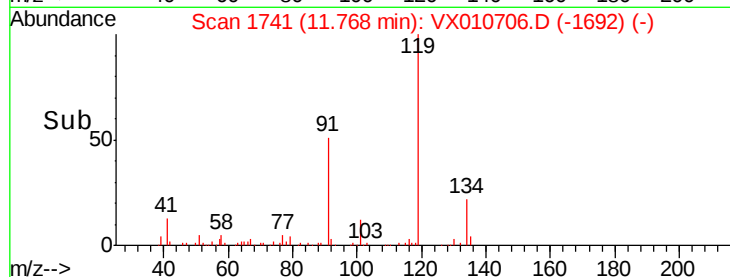
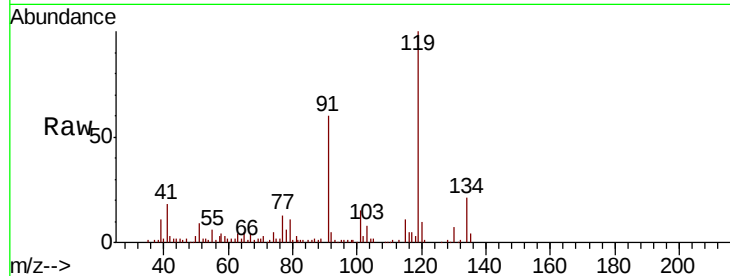
#83
tert-Butylbenzene
Concen: 1.797 ug/l m
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Instrument :
MSVOA_X
ClientSampleId :
FL-0582

Tgt Ion:119 Resp: 17769
Ion Ratio Lower Upper
119 100
91 3215.0 27.6 82.7
134 0.0 11.8 35.4#

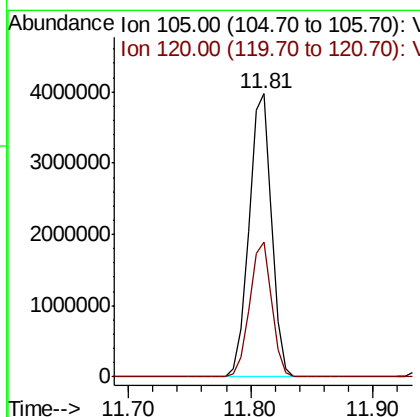
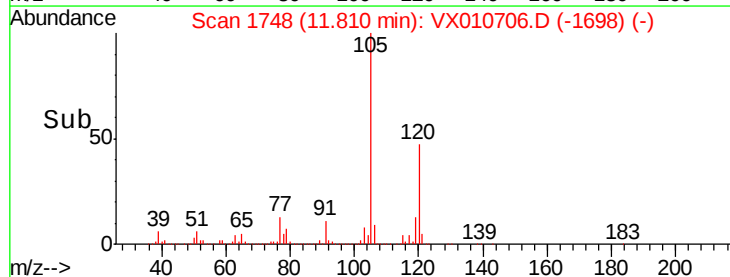
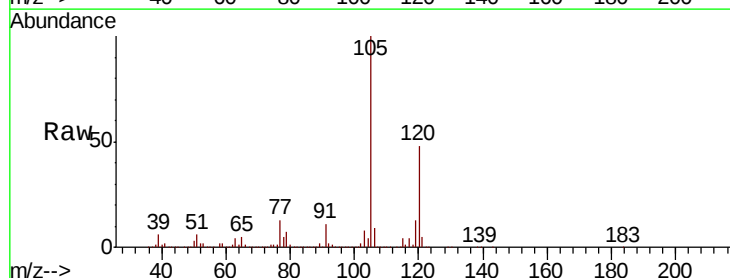
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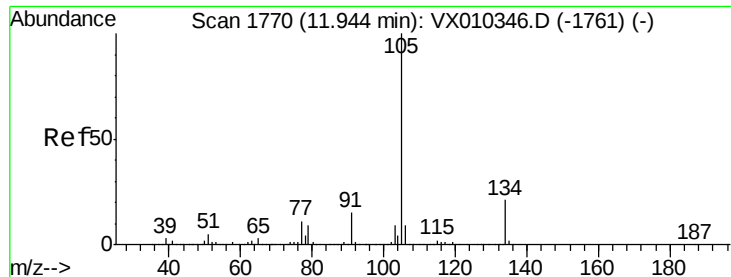
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#84
1,2,4-Trimethylbenzene
Concen: 514.336 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Tgt Ion:105 Resp: 5090798
Ion Ratio Lower Upper
105 100
120 46.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 17.826 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

FL-0582

Tgt Ion:105 Resp: 206961

Ion Ratio Lower Upper

105 100

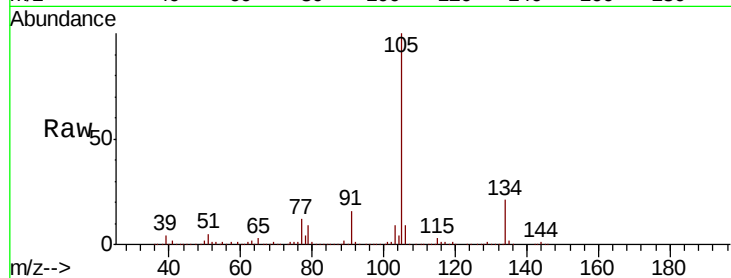
134 28.4 10.7 31.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

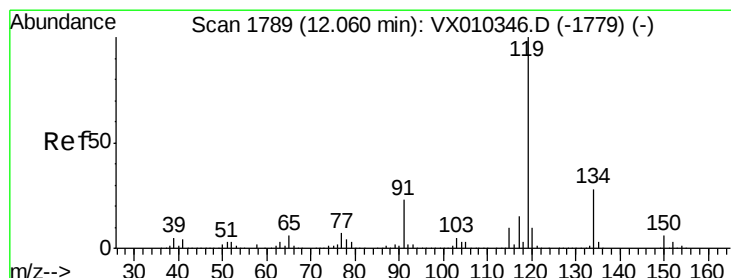
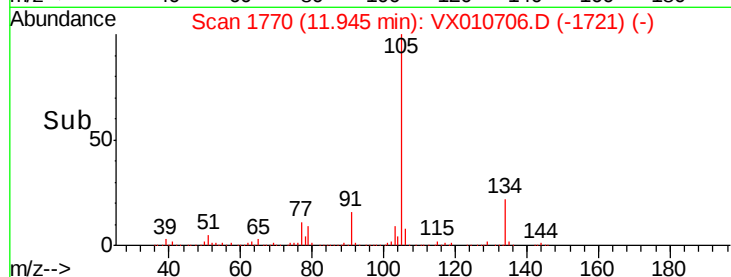
50000

0

11.94

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 7.626 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

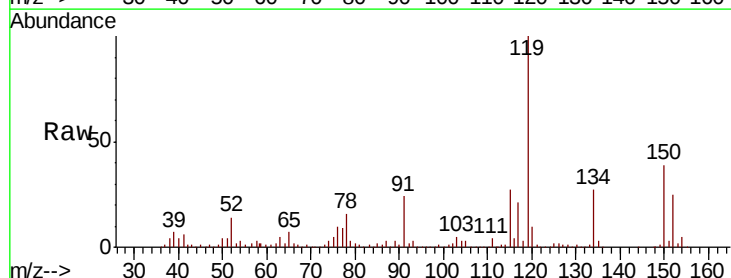
Tgt Ion:119 Resp: 81895

Ion Ratio Lower Upper

119 100

134 27.9 13.7 41.1

91 24.4 11.3 33.8



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): VX0

150000

100000

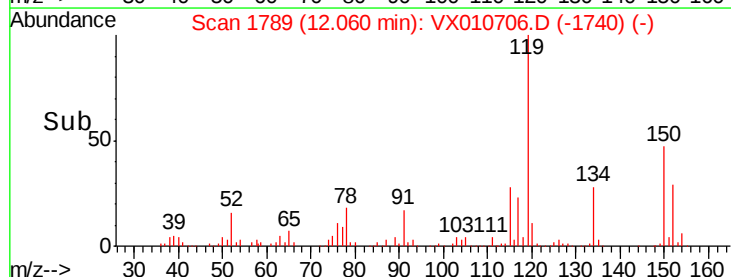
50000

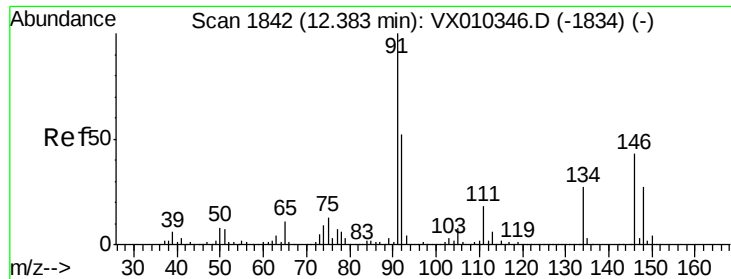
0

12.06

12.05 12.10

Time-->





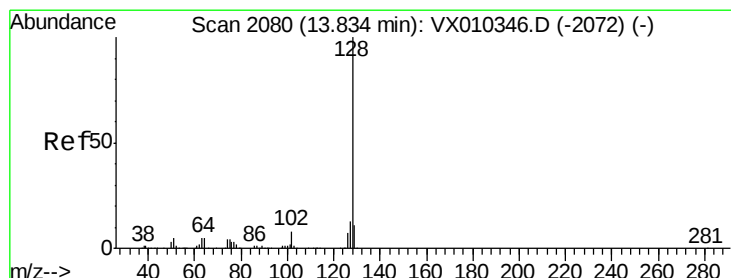
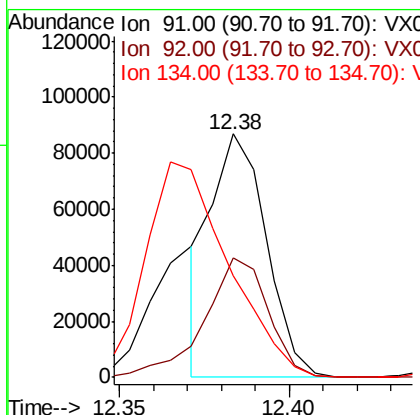
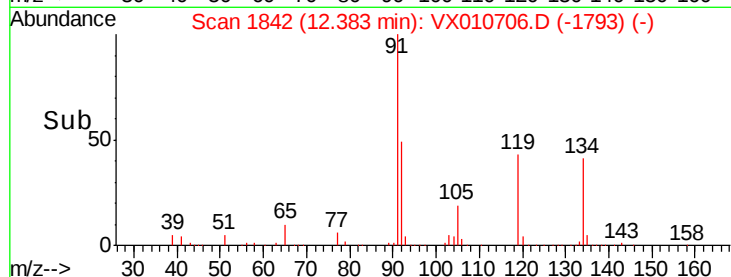
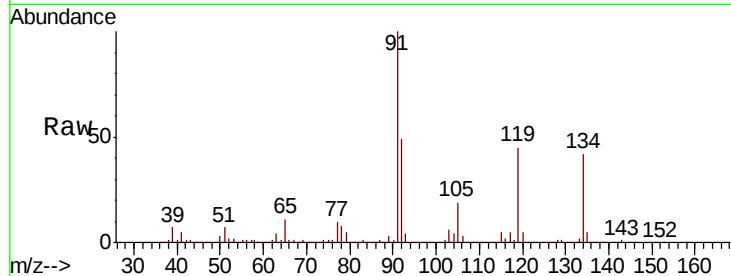
#89
n-Butylbenzene
Concen: 10.748 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Instrument :
MSVOA_X
ClientSampled :
FL-0582

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.2	26.2	78.5
134	132.0	14.1	42.4#

Manual Integrations
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#95
Naphthalene
Concen: 86.860 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.3	8.9	13.3

