

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010701.D
 Acq On : 08 Jul 2019 17:22
 Operator : JC/SP
 Sample : K3664-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0579DL

Manual Integrations
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 7/9/2019 11:11:20 AM

Quant Time: Jul 09 02:10:24 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	226205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	345262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110711	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
35) Dibromofluoromethane	5.49	113	103543	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	8.71	98	418394	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.13	95	149854	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	2335	2.197	ug/l #	84
31) Cyclohexane	5.57	56	66796	21.804	ug/l	95
39) Methylcyclohexane	7.46	83	106871	29.633	ug/l	99
40) Benzene	6.14	78	10393	1.216	ug/l	98
67) Ethyl Benzene	10.25	91	124172	11.104	ug/l	98
68) m/p-Xylenes	10.36	106	40345	9.311	ug/l	99
69) o-Xylene	10.69	106	1835	0.431	ug/l	95
73) Isopropylbenzene	11.02	105	83294	7.404	ug/l	100
78) n-propylbenzene	11.36	91	139182	11.258	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	6651m	0.717	ug/l	
84) 1,2,4-Trimethylbenzene	11.80	105	512183	54.972	ug/l	98
85) sec-Butylbenzene	11.94	105	21536	1.971	ug/l	84
86) p-Isopropyltoluene	12.06	119	10108	1.000	ug/l	99
89) n-Butylbenzene	12.38	91	9105m	1.060	ug/l	
95) Naphthalene	13.83	128	60160	5.180	ug/l	98

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

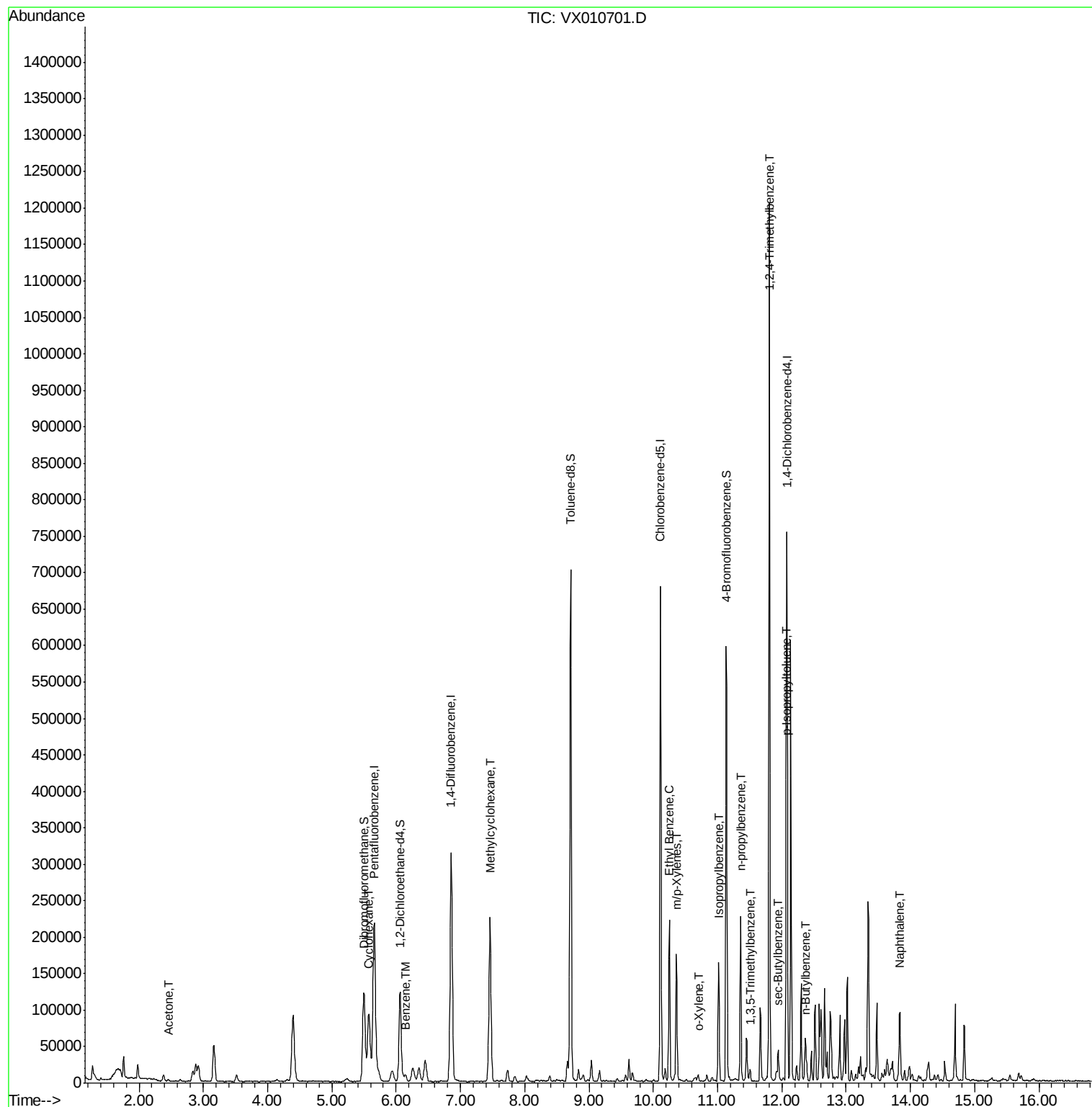
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010701.D
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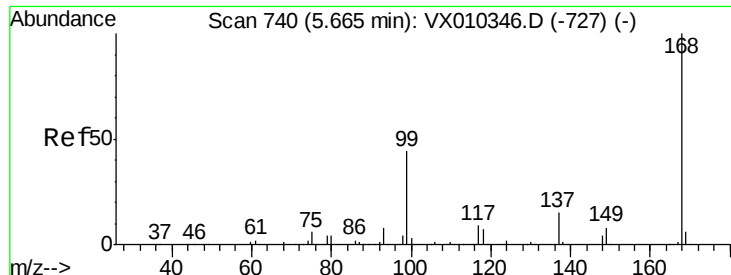
Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

Manual Integrations
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Quant Time: Jul 09 02:10:24 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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampled :

FL-0579DL

Tgt Ion: 168 Resp: 226205

Ion Ratio Lower Upper

168 100

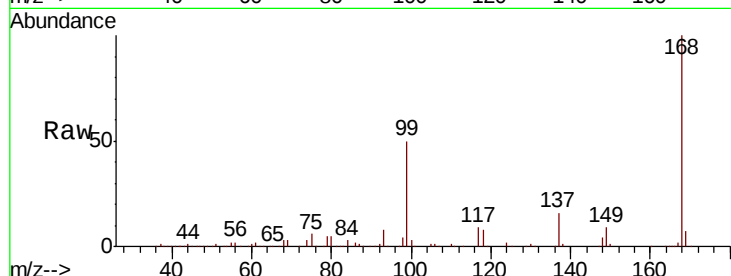
99 49.5 35.5 53.3

Manual Integrations

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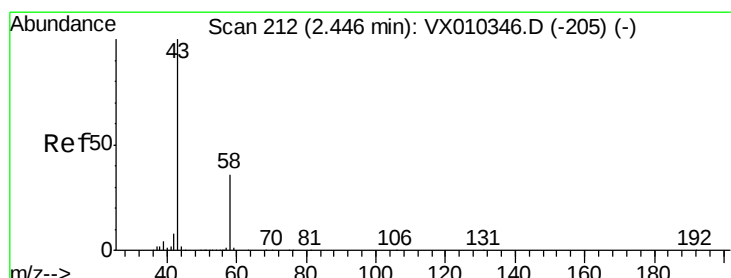
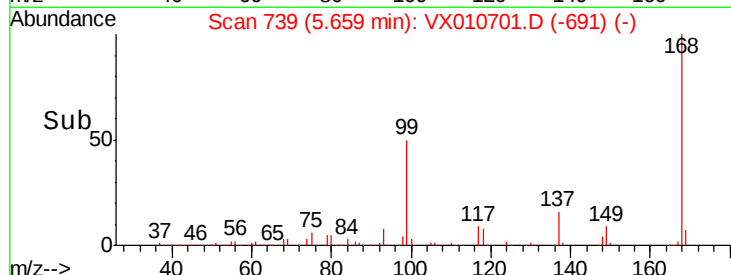
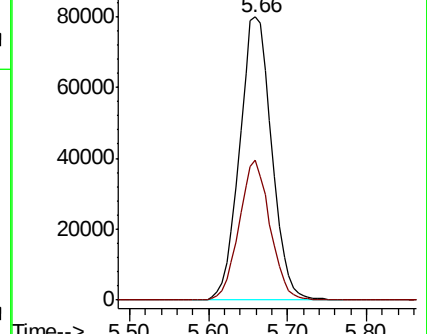
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.197 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010701.D

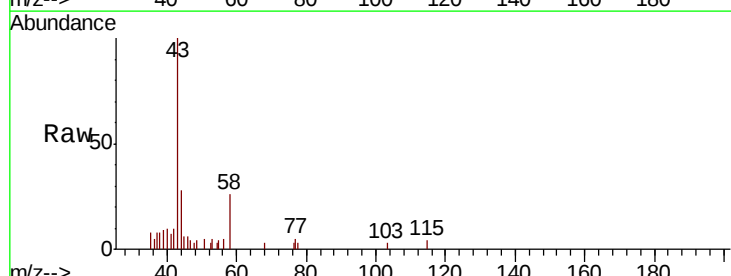
Acq: 08 Jul 2019 17:22

Tgt Ion: 43 Resp: 2335

Ion Ratio Lower Upper

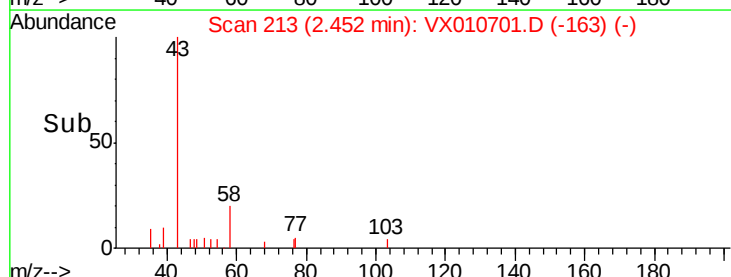
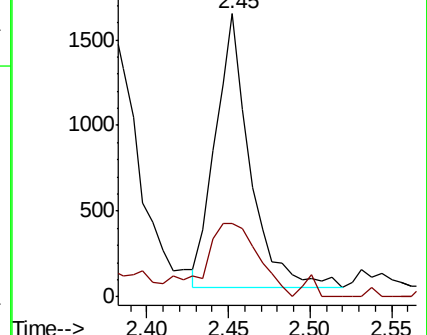
43 100

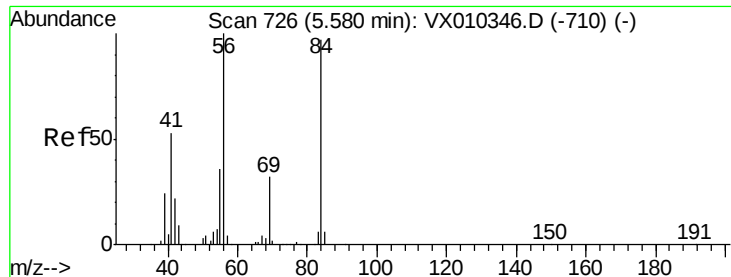
58 26.7 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





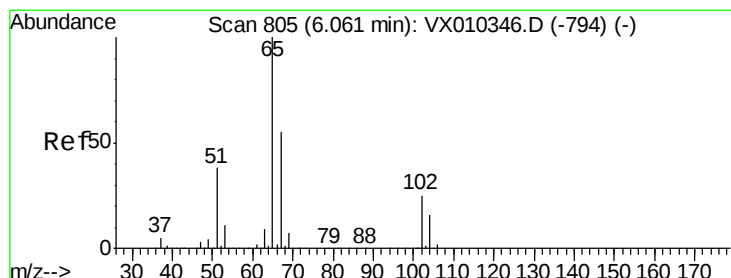
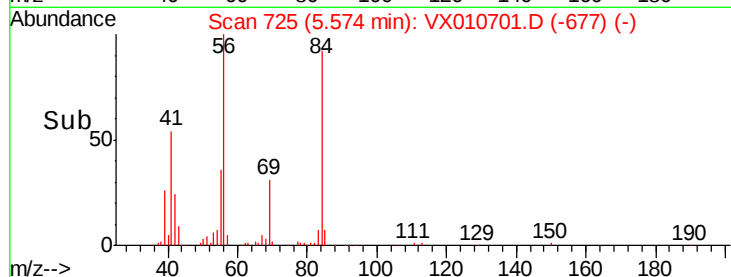
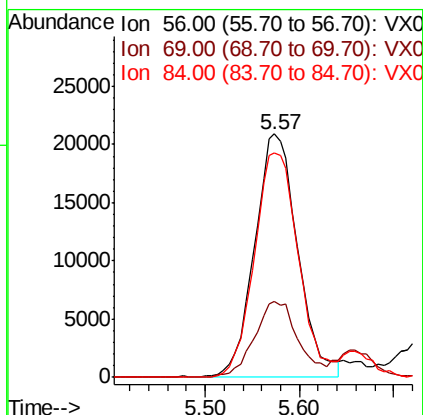
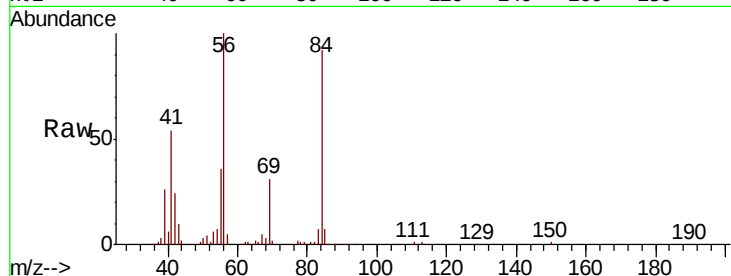
#31
Cyclohexane
Concen: 21.804 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampled :
FL-0579DL

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.9	38.9
84	92.1	78.0	117.0

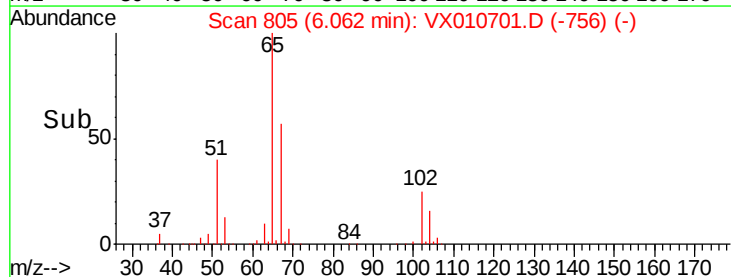
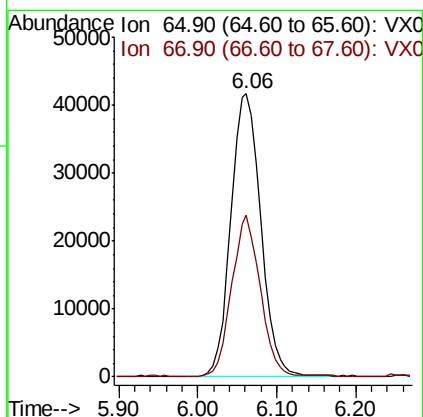
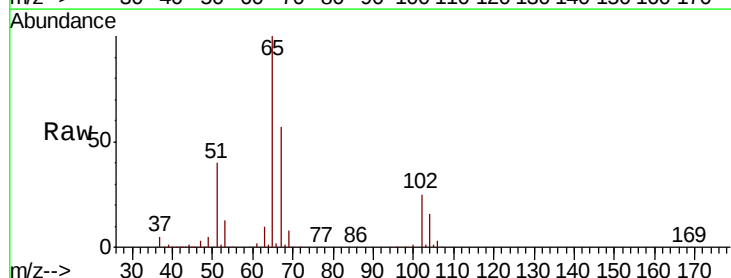
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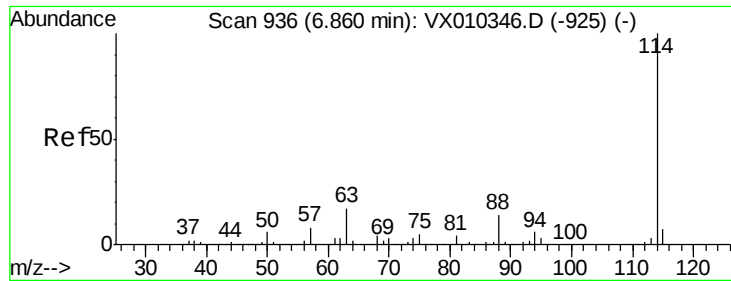
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#33
1,2-Dichloroethane-d4
Concen: 52.200 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	110.2





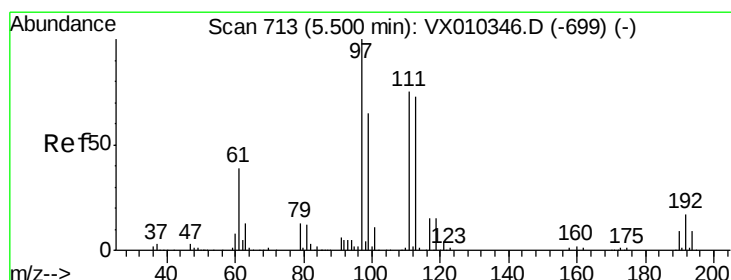
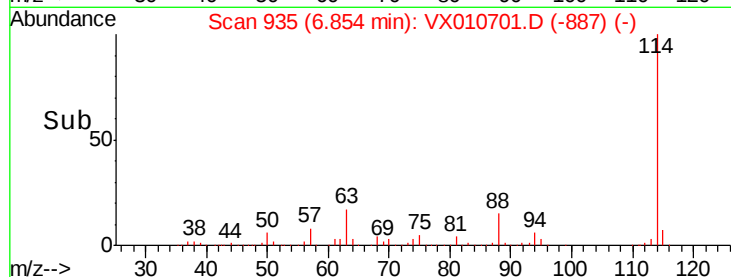
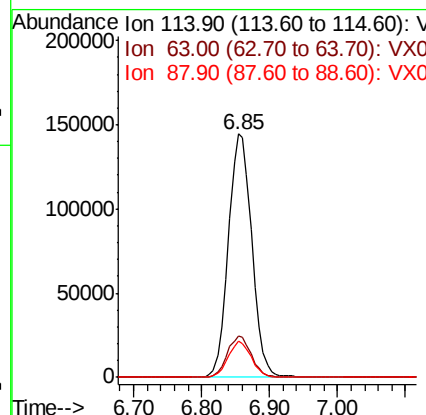
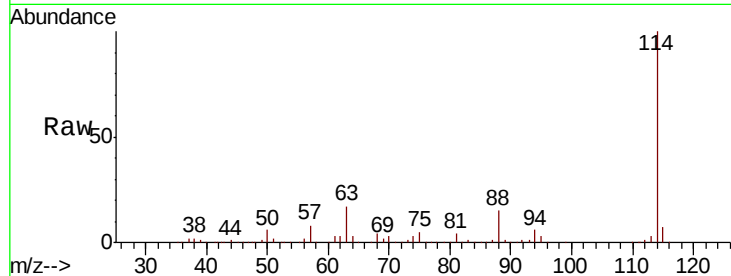
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	345262		
63	16.9	0.0	33.8	
88	14.6	0.0	27.6	

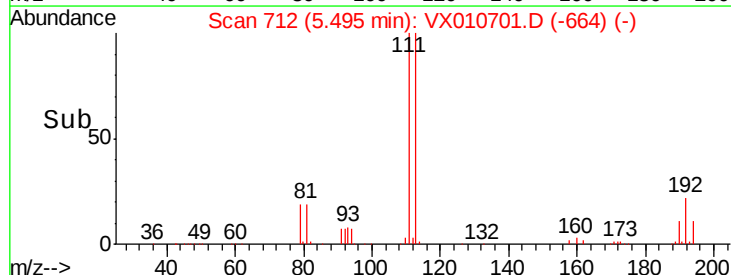
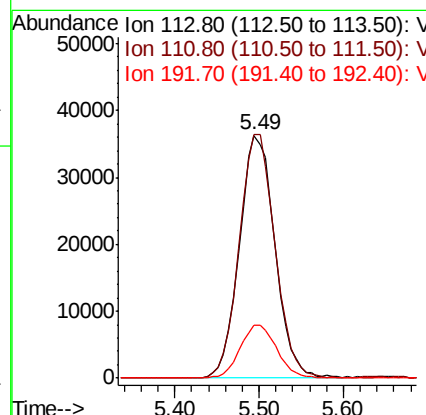
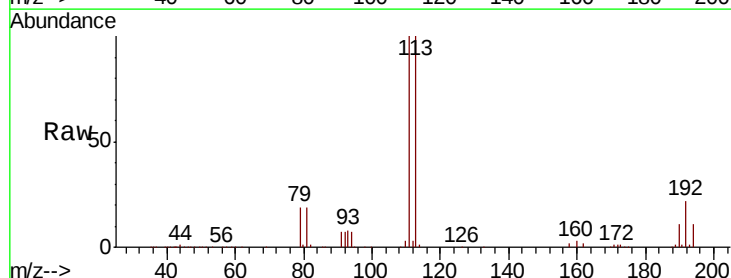
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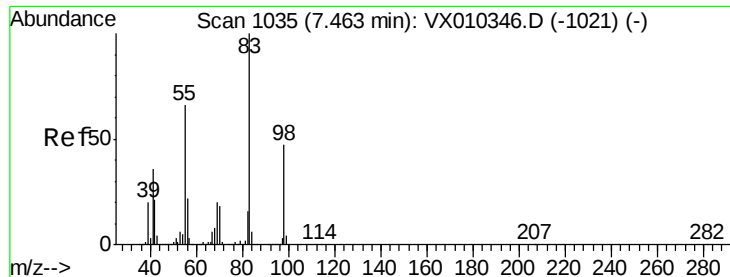
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#35
Dibromofluoromethane
Concen: 49.016 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	103543		
111	101.1	81.2	121.8	
192	22.4	18.6	27.8	





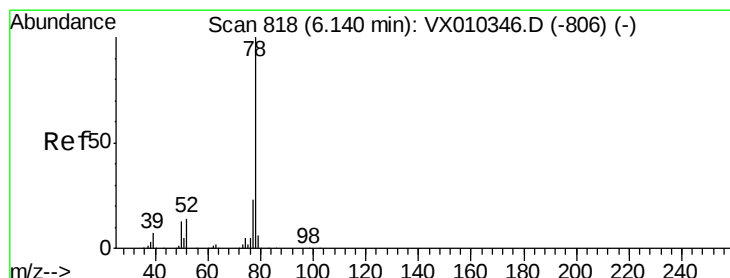
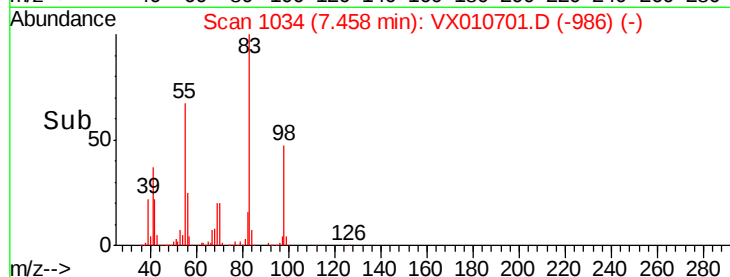
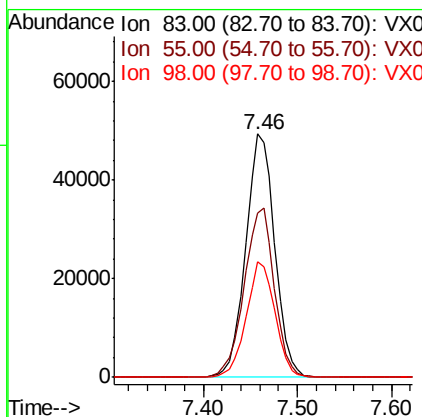
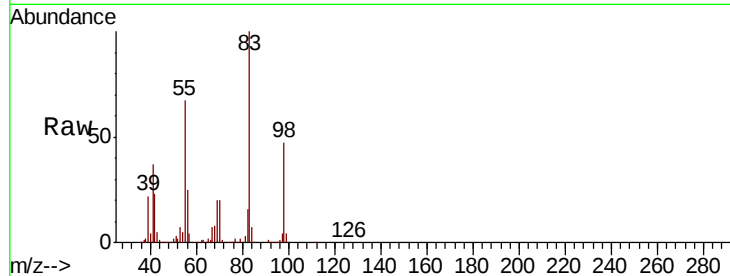
#39
Methylcyclohexane
Concen: 29.633 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.1	53.0	79.6
98	47.3	37.8	56.8

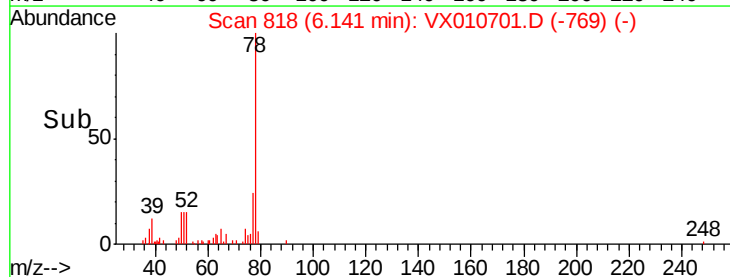
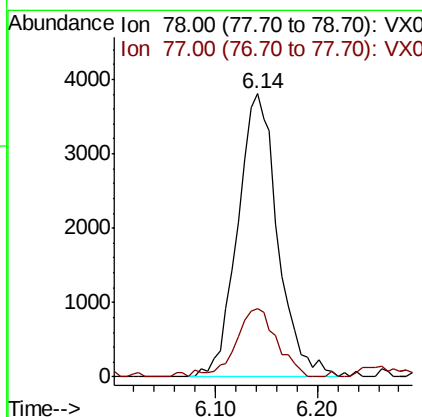
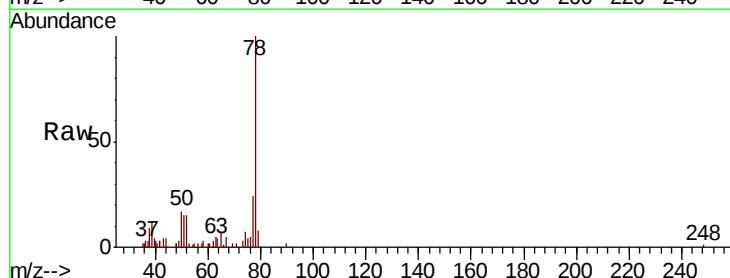
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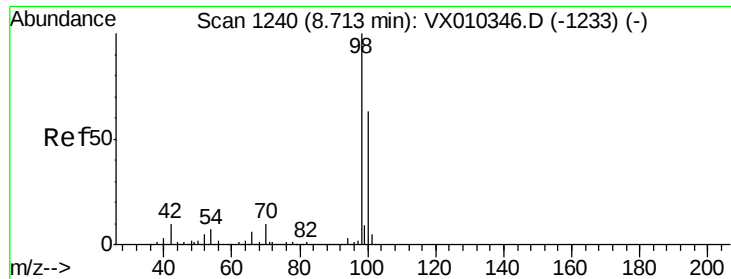
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#40
Benzene
Concen: 1.216 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





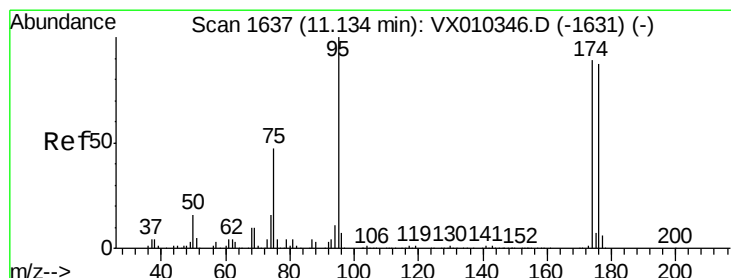
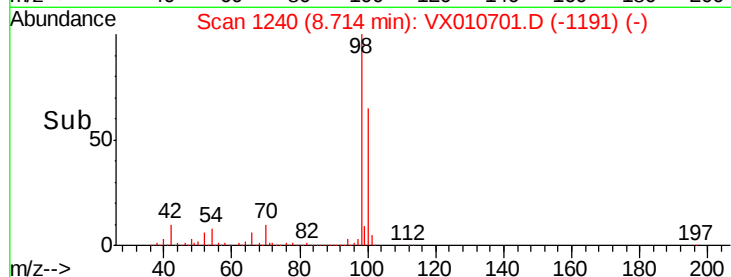
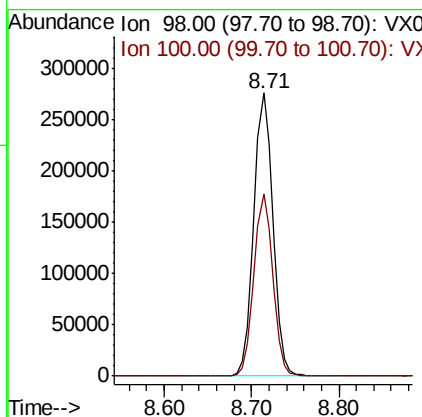
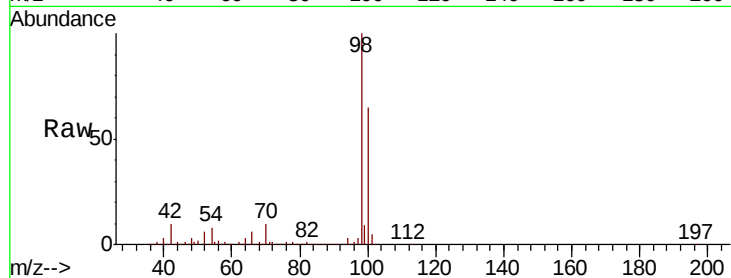
#50
Toluene-d8
Concen: 51.770 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

Tgt Ion: 98 Resp: 418394
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

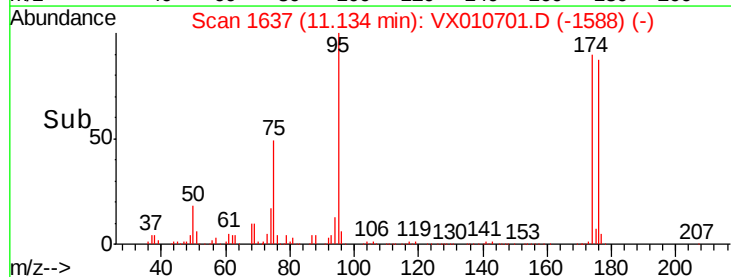
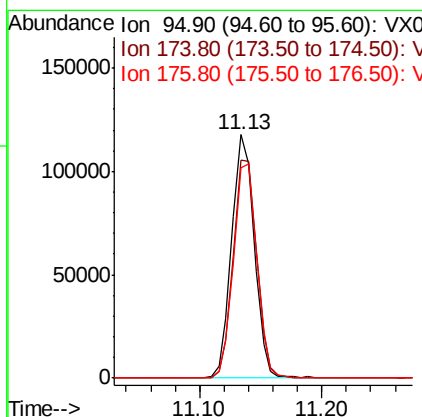
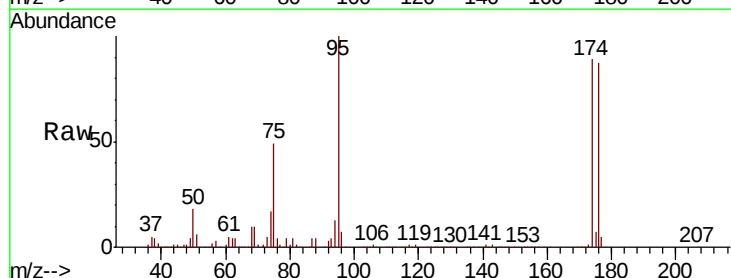
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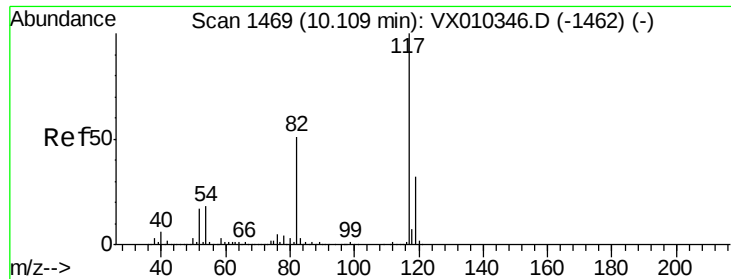
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#62
4-Bromofluorobenzene
Concen: 51.359 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion: 95 Resp: 149854
Ion Ratio Lower Upper
95 100
174 93.1 0.0 187.6
176 91.5 0.0 184.0





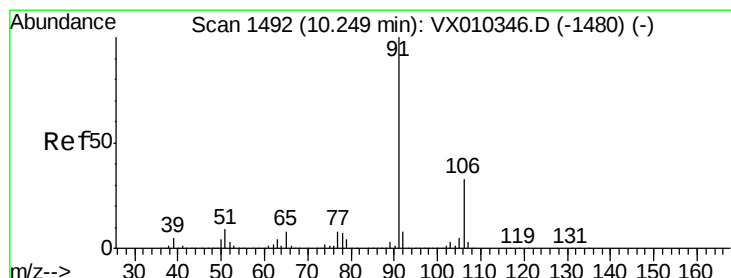
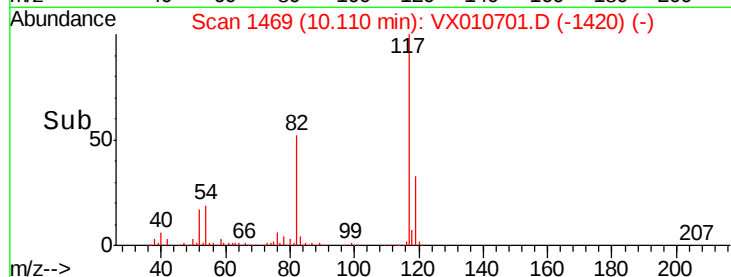
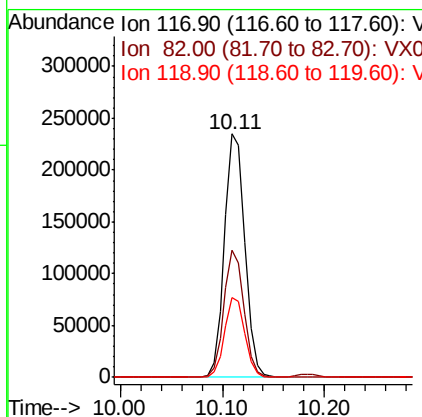
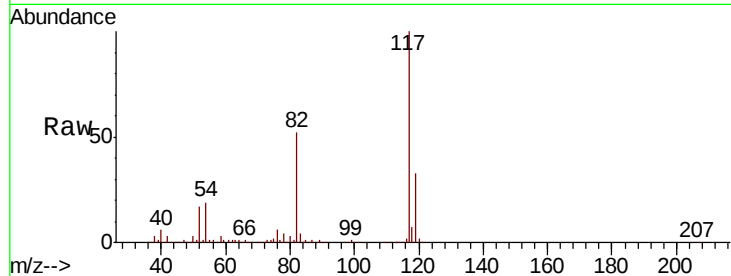
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.2	61.8
119	32.5	25.5	38.3

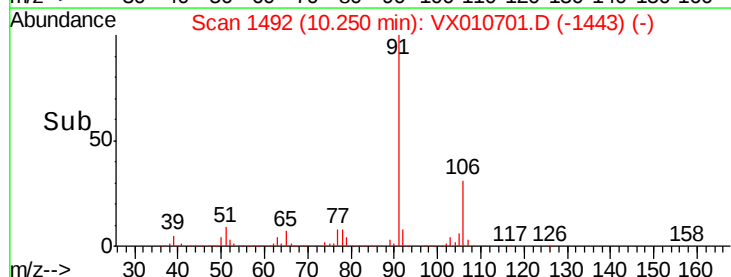
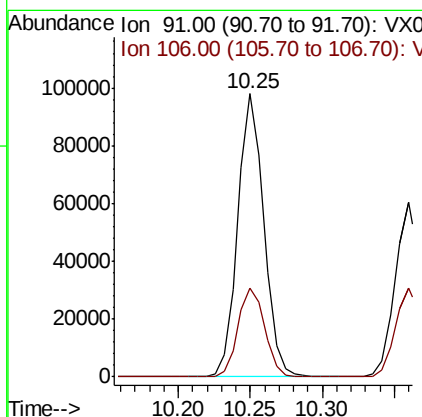
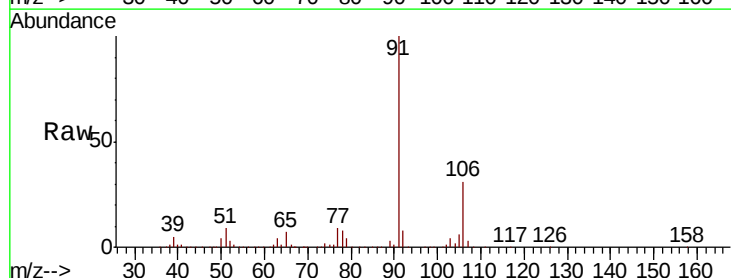
Manual Integrations
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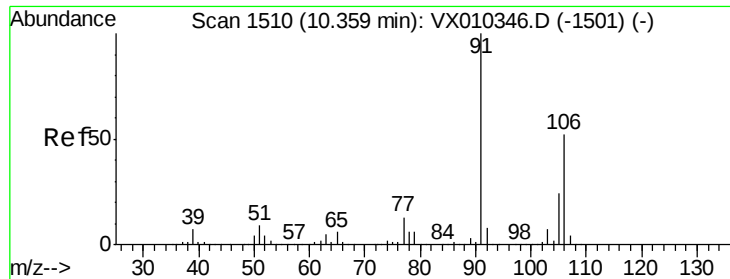
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7/9/2019 11:11:20 AM



#67
Ethyl Benzene
Concen: 11.104 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	26.2	39.2





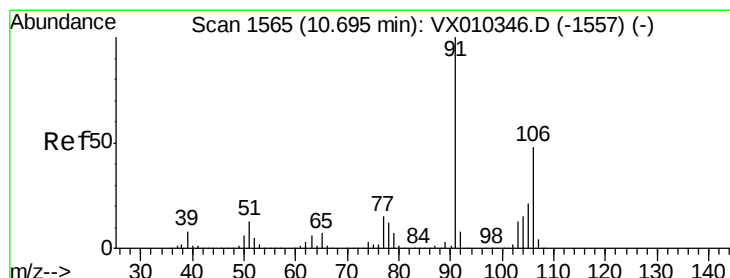
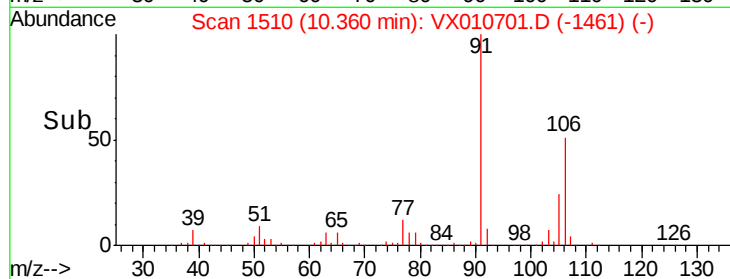
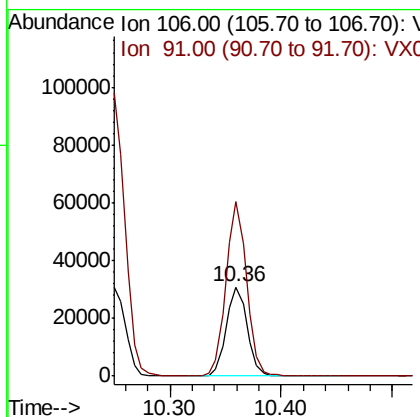
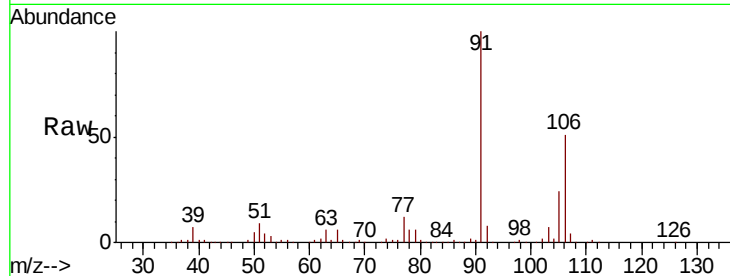
#68
m/p-Xylenes
Concen: 9.311 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampled :
FL-0579DL

Tgt Ion:106 Resp: 40345
Ion Ratio Lower Upper
106 100
91 192.4 155.3 232.9

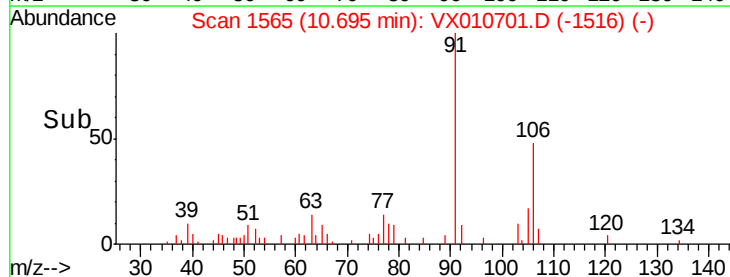
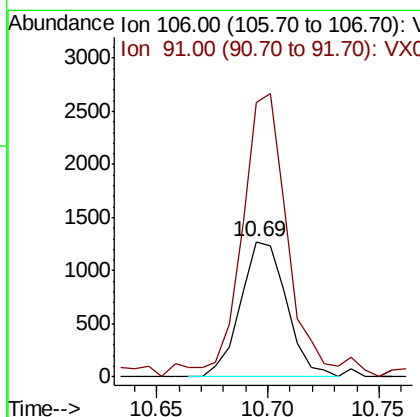
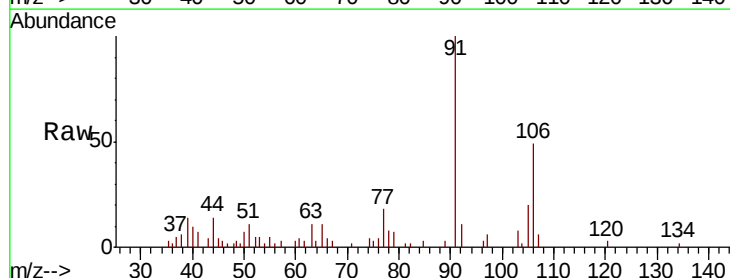
Manual Integrations
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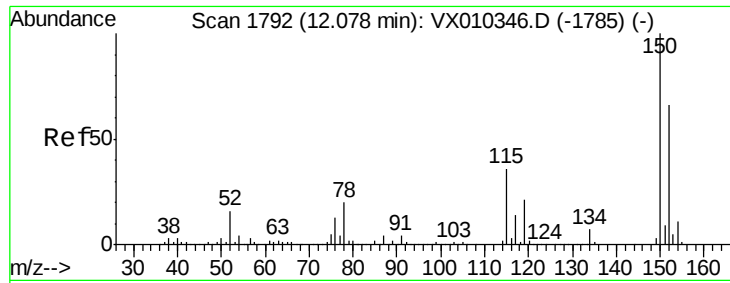
MMDadoda
7/9/2019 11:11:20 AM



#69
o-Xylene
Concen: 0.431 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion:106 Resp: 1835
Ion Ratio Lower Upper
106 100
91 213.5 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Instrument :

MSVOA_X

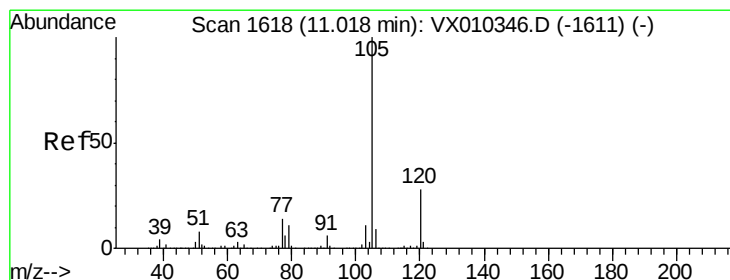
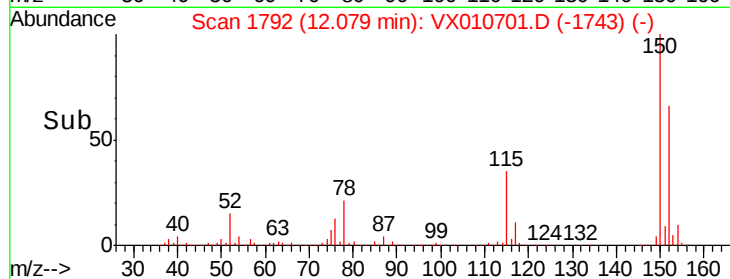
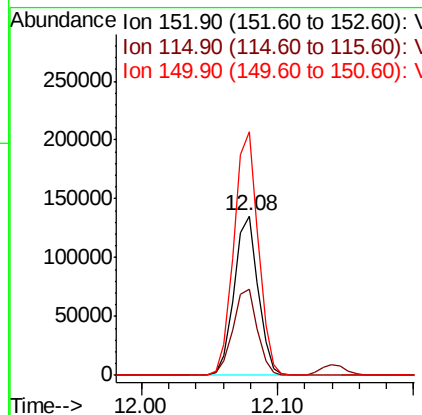
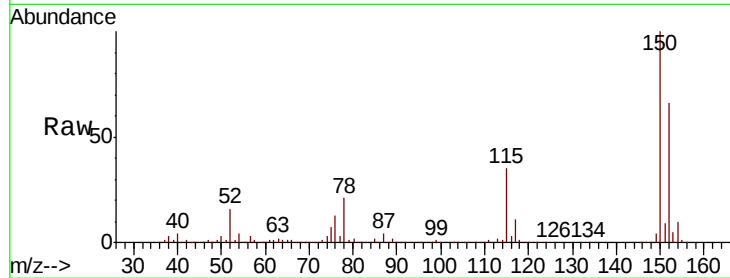
ClientSampled :

FL-0579DL

Tgt Ion:	152	Resp:	165948
Ion Ratio	Lower	Upper	
152	100		
115	54.6	38.6	115.7
150	155.2	0.0	347.4

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#73

Isopropylbenzene

Concen: 7.404 ug/l

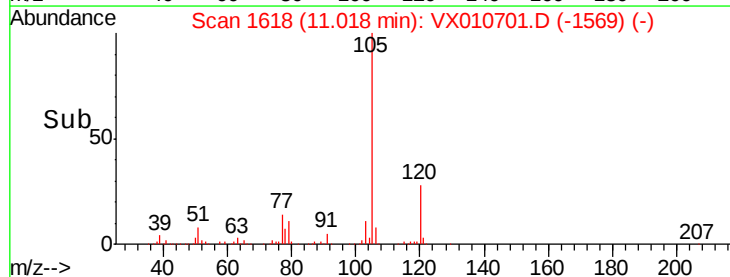
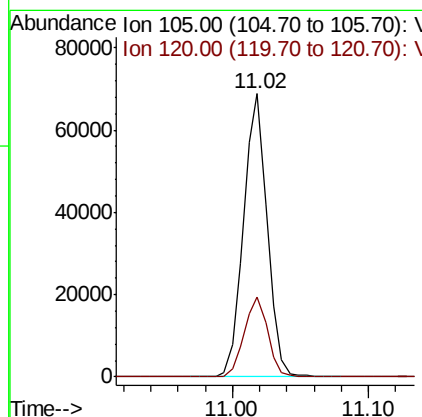
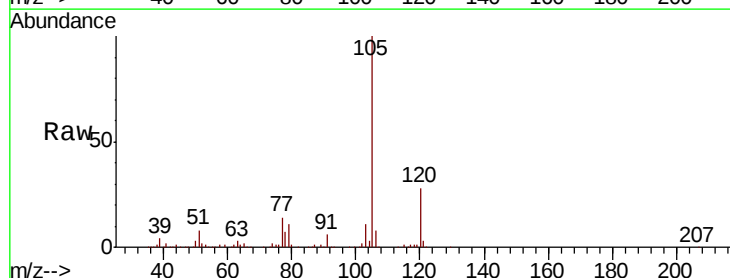
RT: 11.02 min Scan# 1618

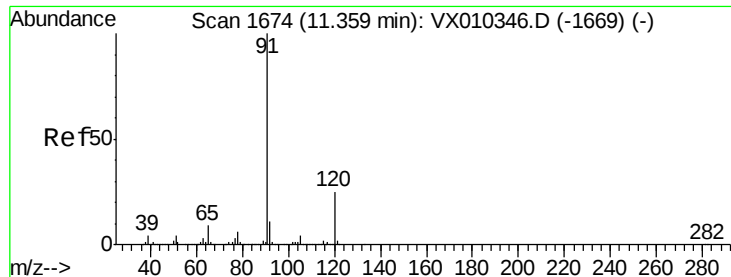
Delta R.T. 0.00 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Tgt Ion:	105	Resp:	83294
Ion Ratio	Lower	Upper	
105	100		
120	28.1	14.1	42.4





#78

n-propylbenzene

Concen: 11.258 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010701.D

Acq: 08 Jul 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

FL-0579DL

Tgt Ion: 91 Resp: 139182

Ion Ratio Lower Upper

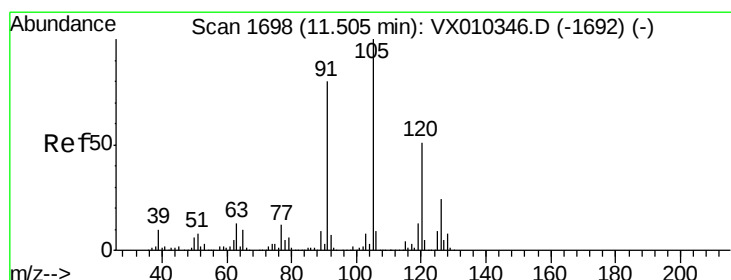
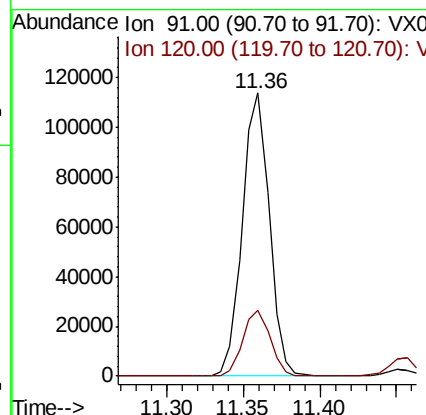
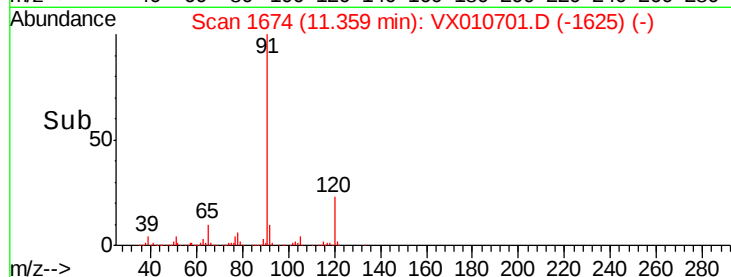
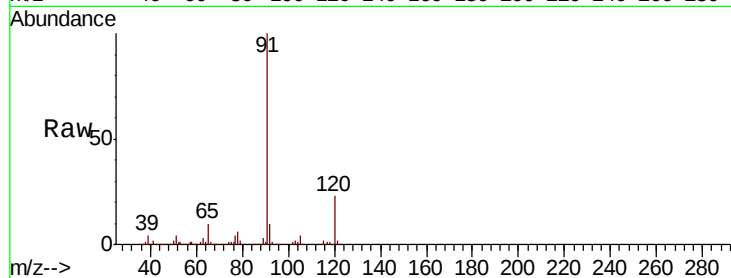
91 100

120 23.8 12.4 37.4

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#80

1,3,5-Trimethylbenzene

Concen: 0.717 ug/l m

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010701.D

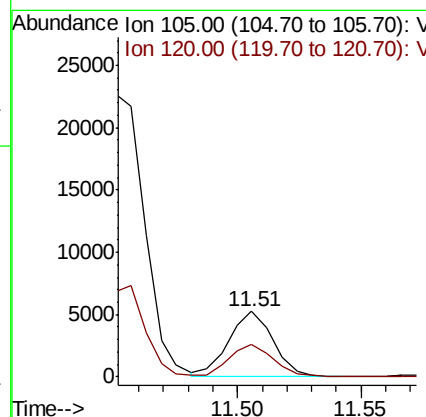
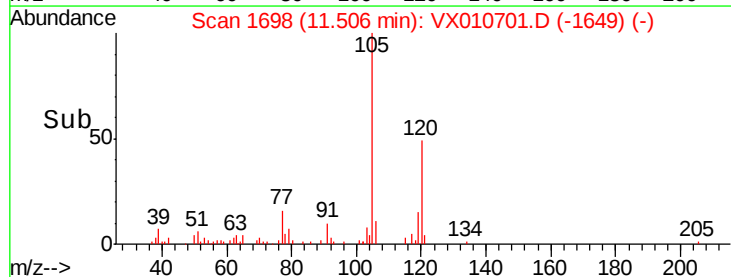
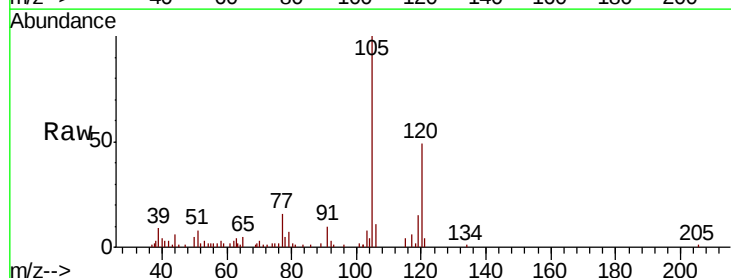
Acq: 08 Jul 2019 17:22

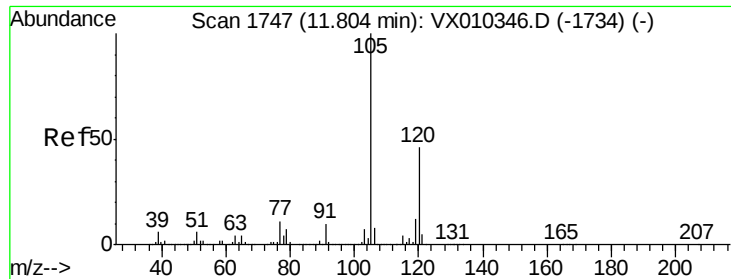
Tgt Ion: 105 Resp: 6651

Ion Ratio Lower Upper

105 100

120 135.3 25.2 75.6#





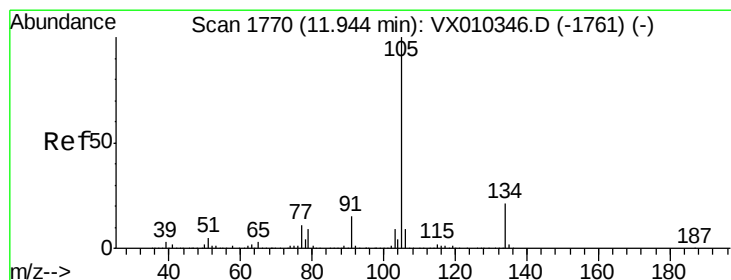
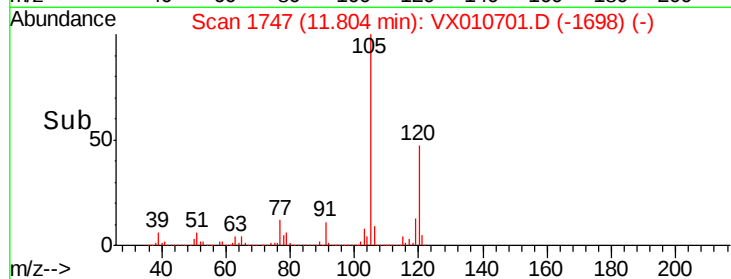
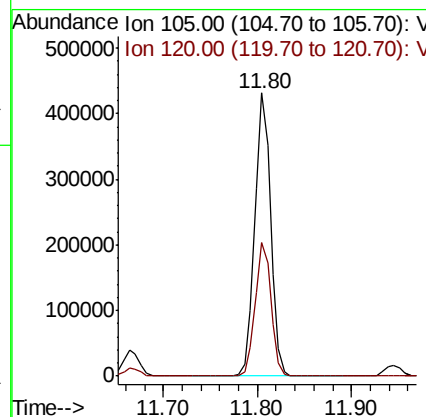
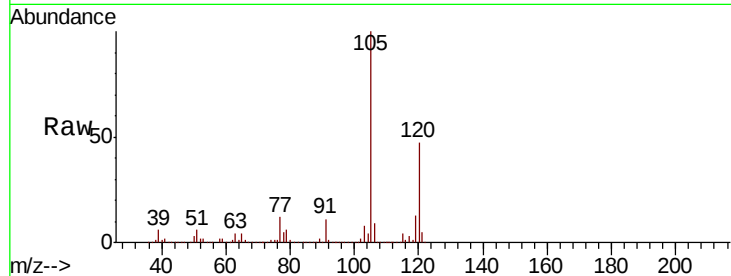
#84
1,2,4-Trimethylbenzene
Concen: 54.972 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampled :
FL-0579DL

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.1	69.2

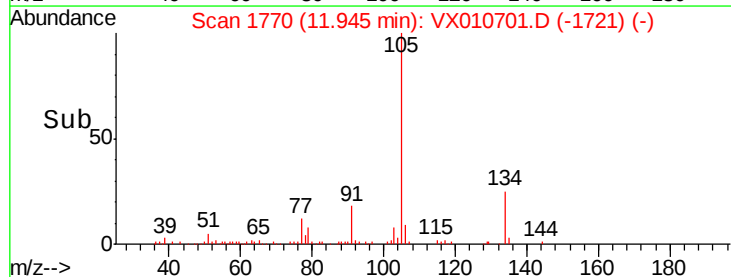
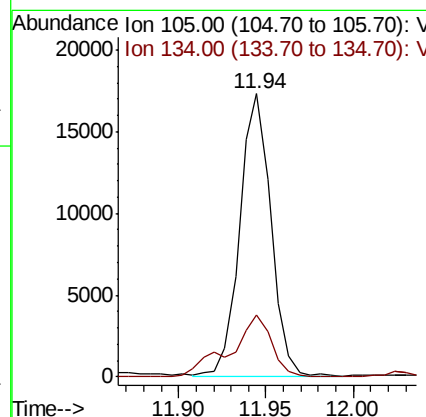
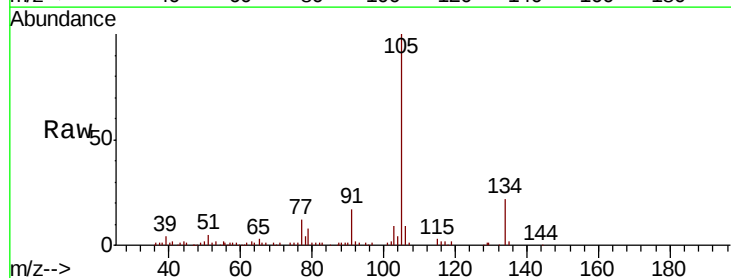
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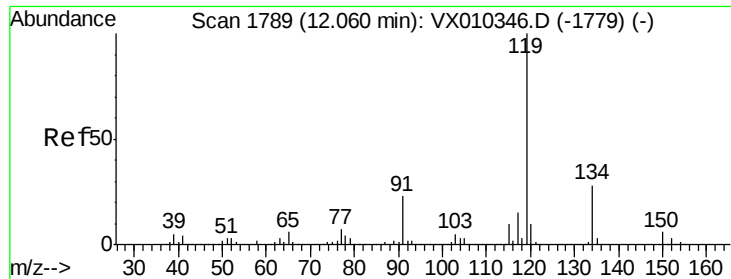
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#85
sec-Butylbenzene
Concen: 1.971 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion	Ratio	Lower	Upper
105	100		
134	29.0	10.7	31.9





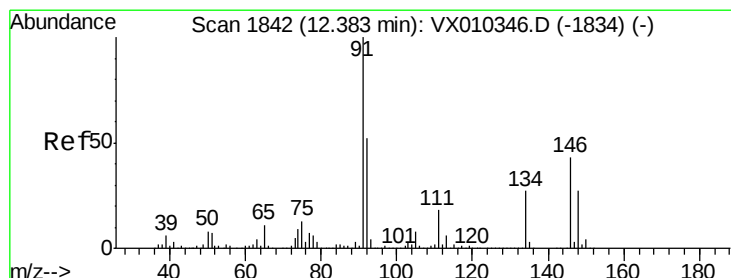
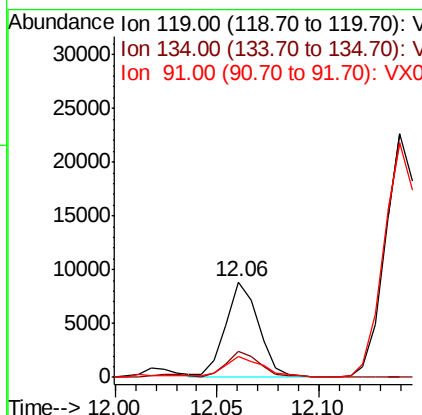
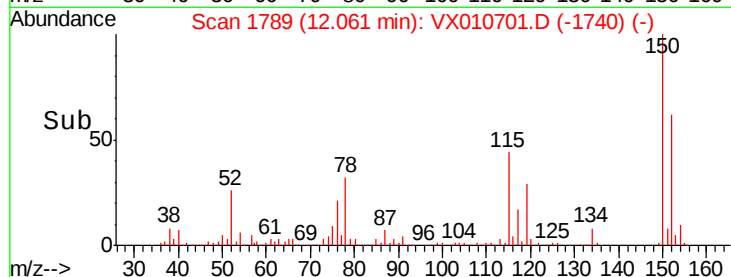
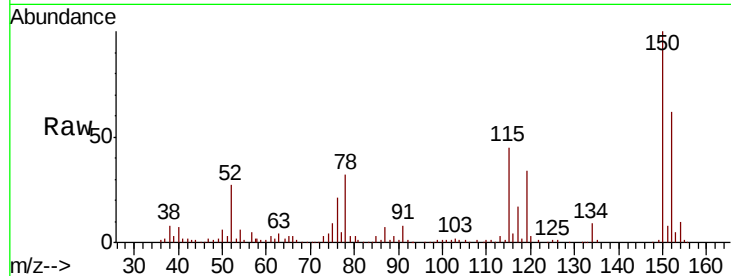
#86
p-Isopropyltoluene
Concen: 1.000 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.7	41.1
91	23.4	11.3	33.8

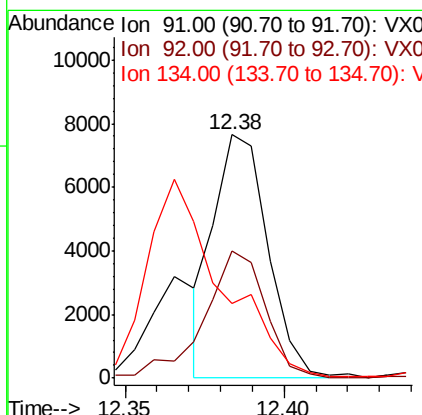
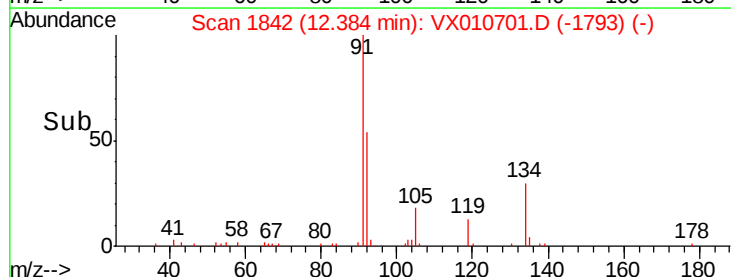
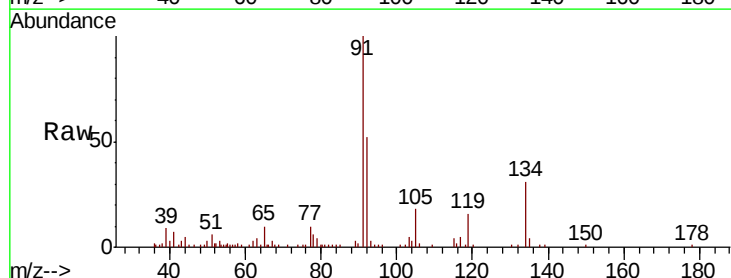
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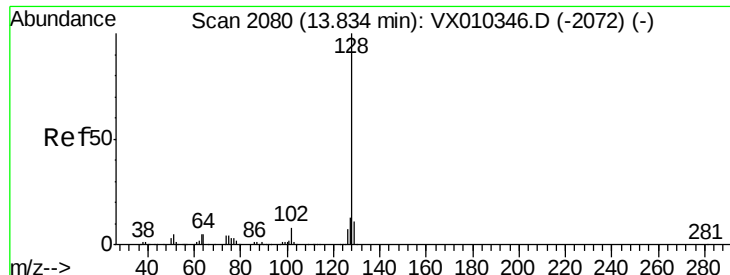
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#89
n-Butylbenzene
Concen: 1.060 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.8	26.2	78.5
134	109.6	14.1	42.4





#95
Naphthalene
Concen: 5.180 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010701.D
Acq: 08 Jul 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
FL-0579DL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	12.0	8.9	13.3

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