

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010699.D
 Acq On : 08 Jul 2019 16:36
 Operator : JC/SP
 Sample : K3664-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0580

Manual Integrations
 APPROVED

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 7/9/2019 11:11:11 AM

Quant Time: Jul 09 02:05:07 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	230165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354918	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114005	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
35) Dibromofluoromethane	5.50	113	107285	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	428999	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.13	95	147234	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	1954	1.807	ug/l #	74
31) Cyclohexane	5.58	56	42120	13.512	ug/l	98
39) Methylcyclohexane	7.46	83	52709	14.218	ug/l	93
40) Benzene	6.15	78	17522	1.994	ug/l	93
67) Ethyl Benzene	10.25	91	149799	13.445	ug/l	99
68) m/p-Xylenes	10.36	106	60543	14.024	ug/l	99
69) o-Xylene	10.69	106	8713	2.052	ug/l	99
73) Isopropylbenzene	11.02	105	93112	8.598	ug/l	99
78) n-propylbenzene	11.36	91	135032	11.345	ug/l	99
83) tert-Butylbenzene	11.77	119	4314m	0.481	ug/l	
84) 1,2,4-Trimethylbenzene	11.80	105	1420845	158.407	ug/l	99
85) sec-Butylbenzene	11.94	105	31899m	3.032	ug/l	
86) p-Isopropyltoluene	12.06	119	9429m	0.969	ug/l	
89) n-Butylbenzene	12.38	91	10907m	1.319	ug/l	
95) Naphthalene	13.83	128	278037	24.869	ug/l	99

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

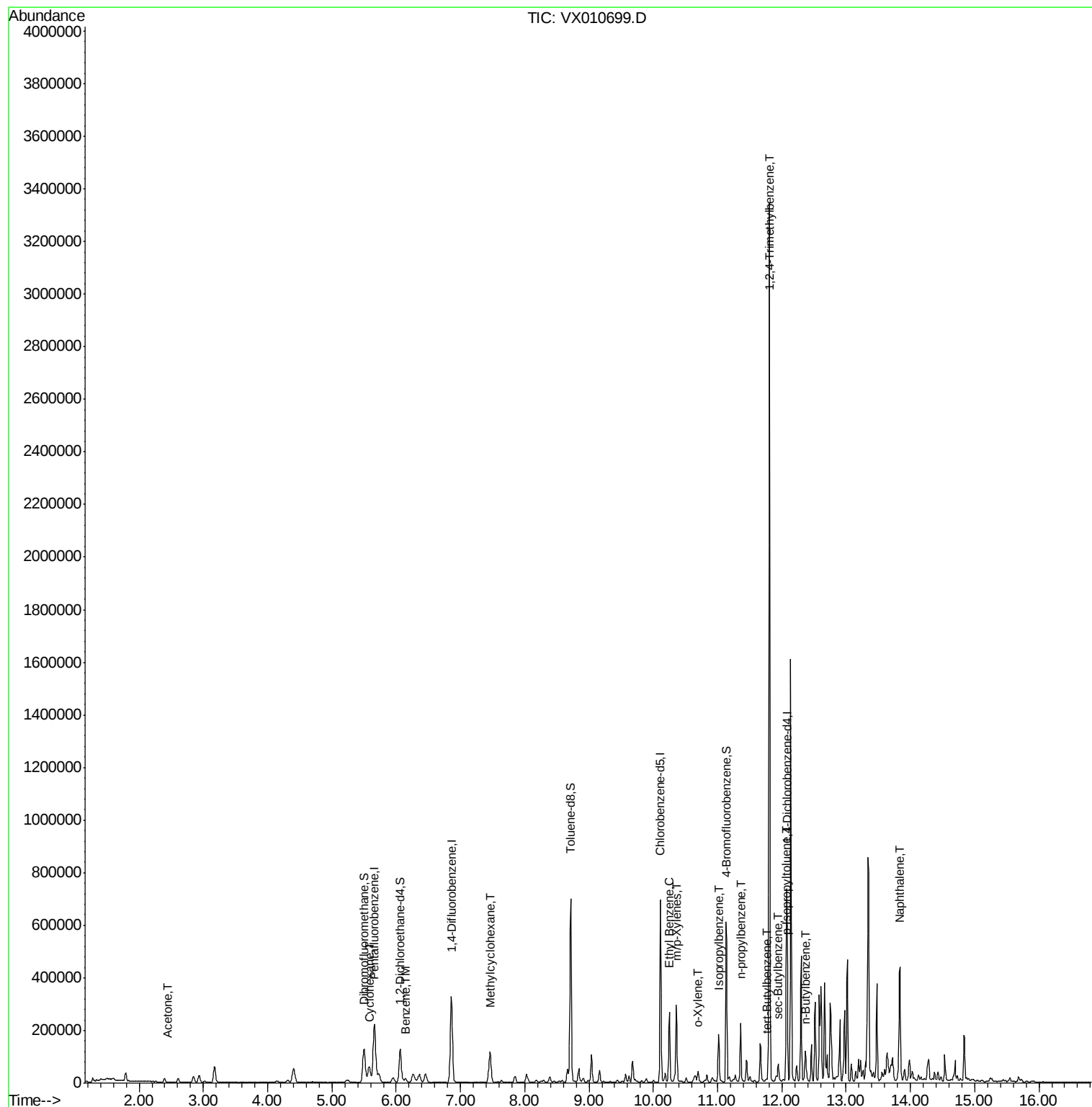
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010699.D
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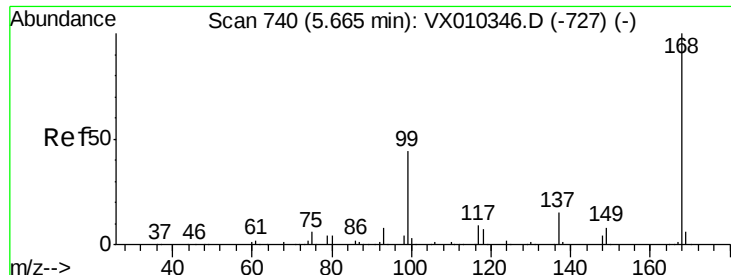
Instrument :
MSVOA_X
ClientSampleId :
FL-0580

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Quant Time: Jul 09 02:05:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampled :

FL-0580

Tgt Ion: 168 Resp: 230165

Ion Ratio Lower Upper

168 100

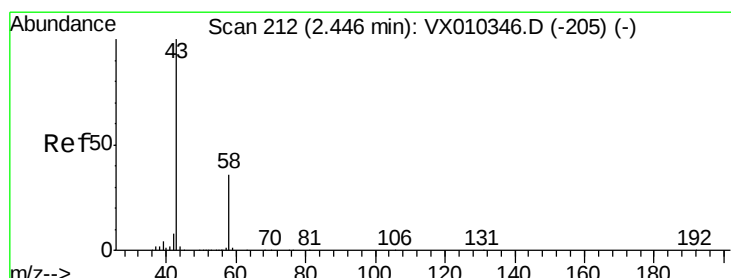
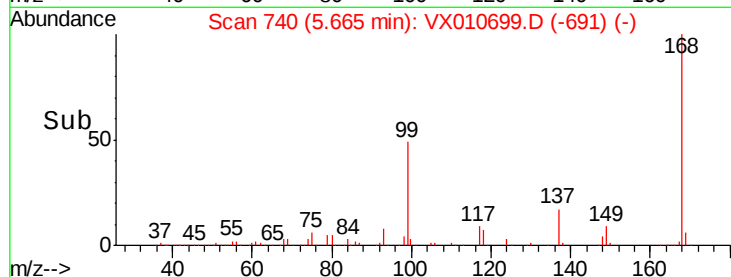
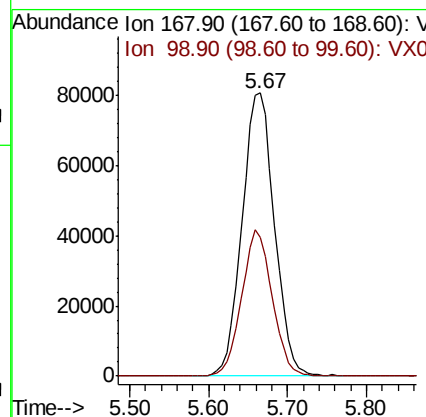
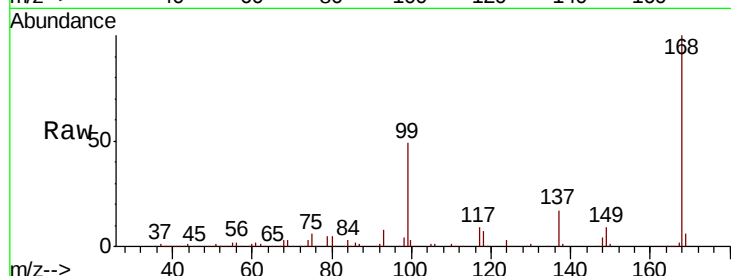
99 49.0 35.5 53.3

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#16

Acetone

Concen: 1.807 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010699.D

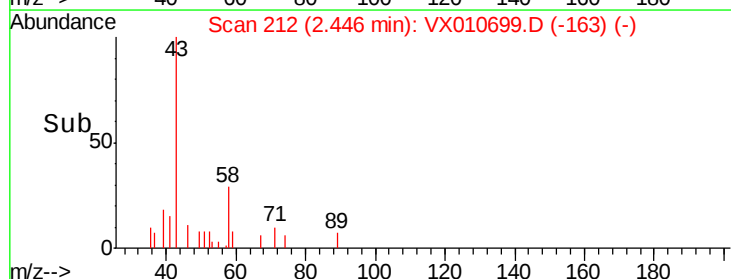
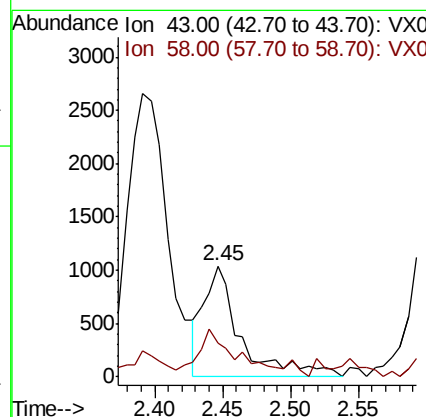
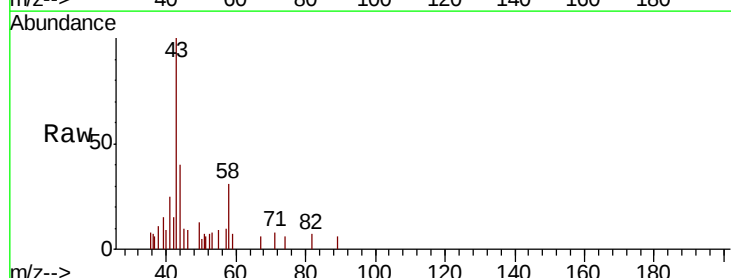
Acq: 08 Jul 2019 16:36

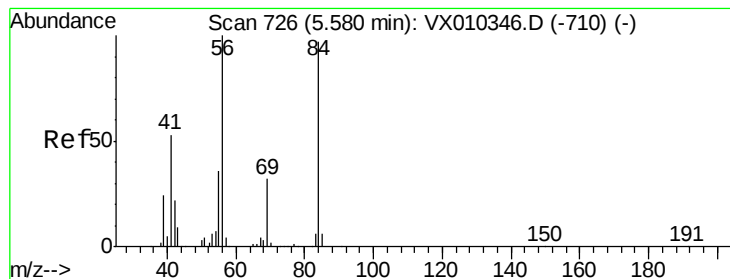
Tgt Ion: 43 Resp: 1954

Ion Ratio Lower Upper

43 100

58 20.8 28.9 43.3#





#31

Cyclohexane

Concen: 13.512 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

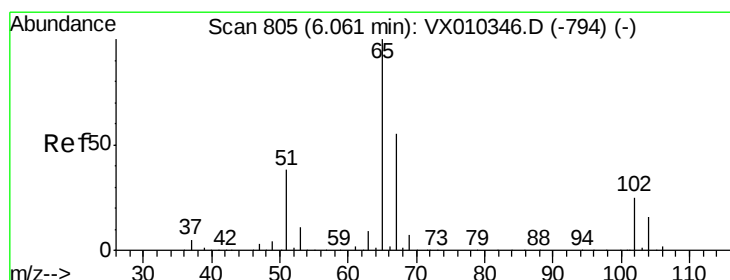
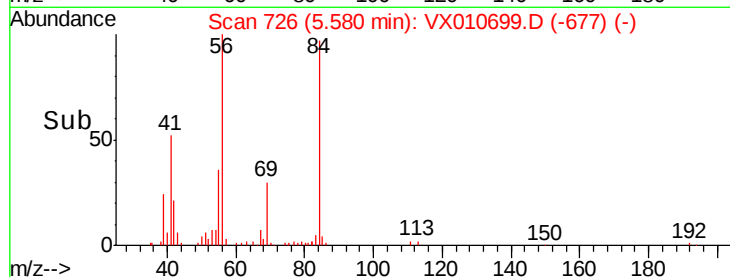
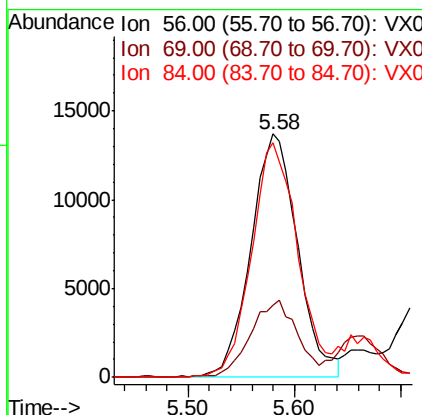
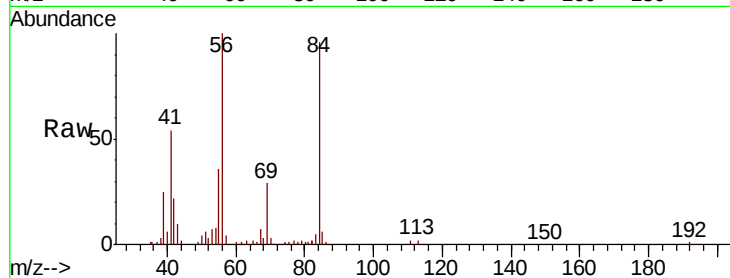
ClientSampleId :

FL-0580

Tgt Ion:	56	Resp:	42120
Ion	Ratio	Lower	Upper
56	100		
69	29.4	25.9	38.9
84	96.3	78.0	117.0

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#33

1,2-Dichloroethane-d4

Concen: 52.828 ug/l

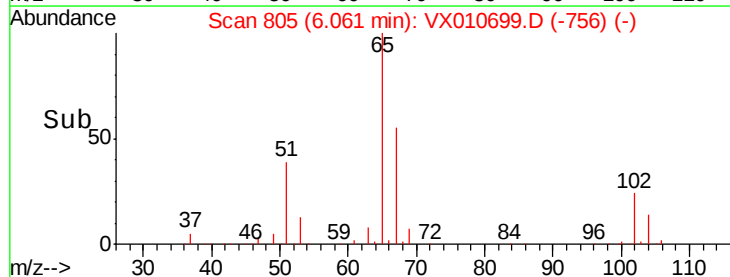
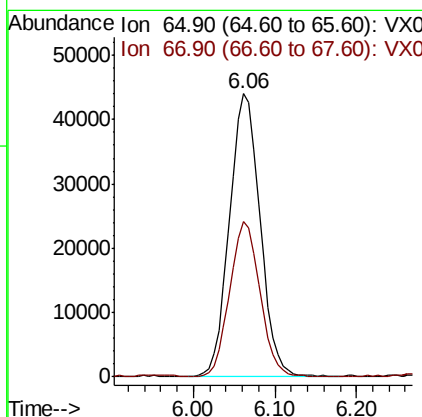
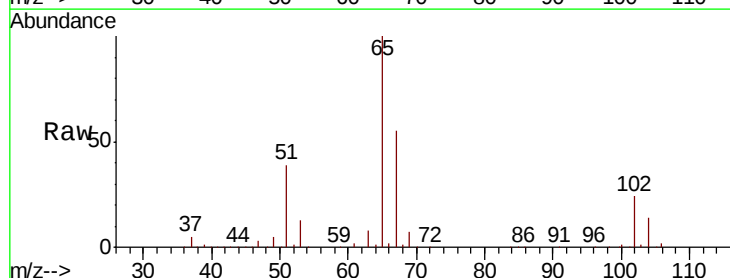
RT: 6.06 min Scan# 805

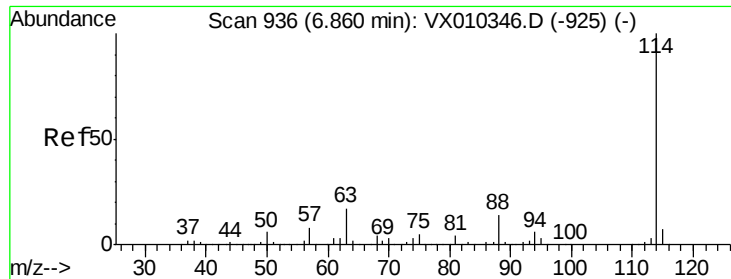
Delta R.T. 0.00 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Tgt Ion:	65	Resp:	114005
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	110.2





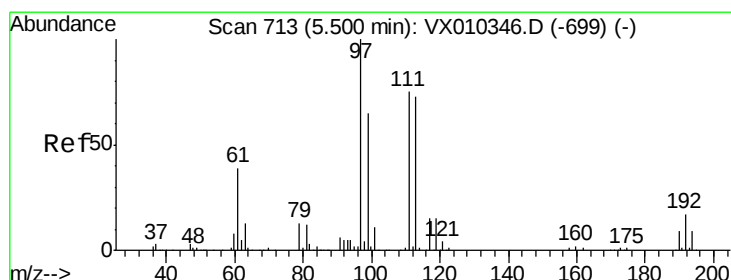
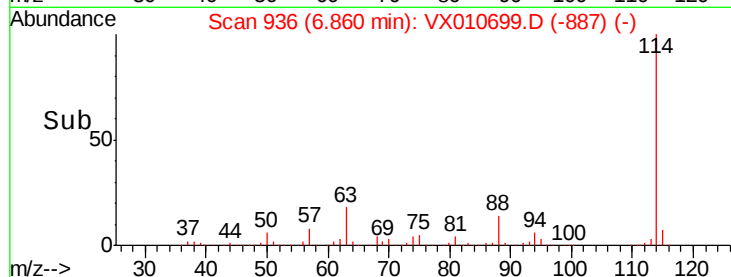
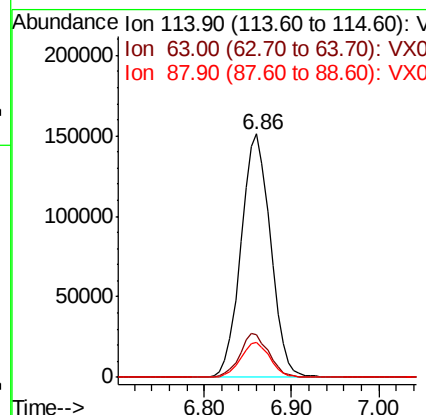
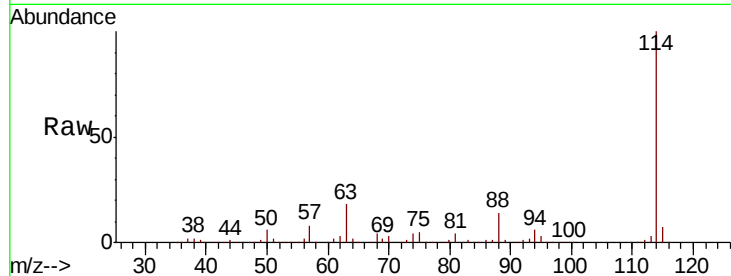
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010699.D
 Acq: 08 Jul 2019 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0580

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	17.6	0.0	33.8
88	14.1	0.0	27.6

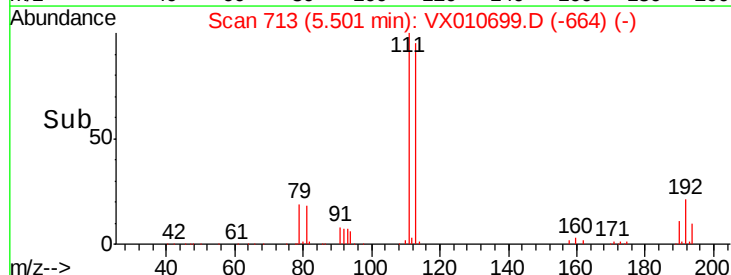
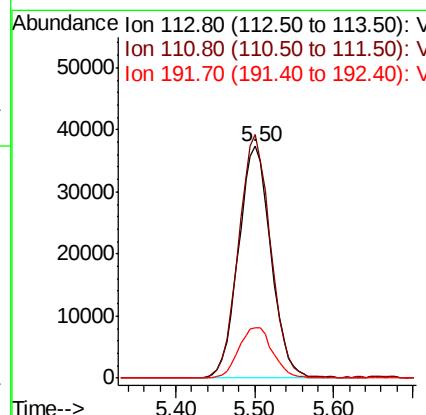
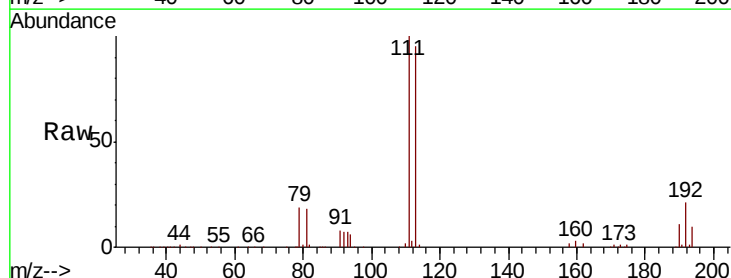
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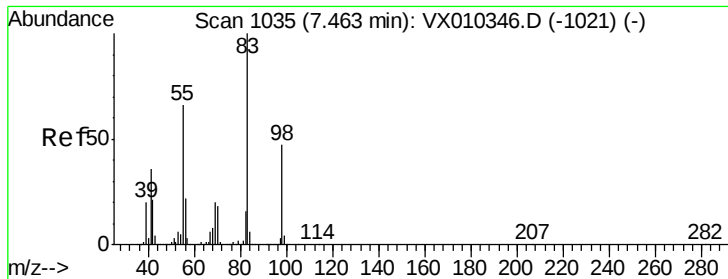
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#35
 Dibromofluoromethane
 Concen: 49.406 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010699.D
 Acq: 08 Jul 2019 16:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	103.3	81.2	121.8
192	22.9	18.6	27.8





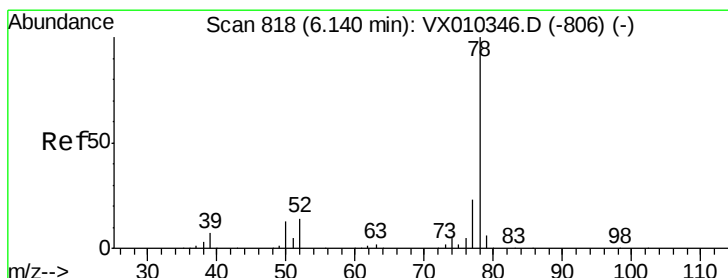
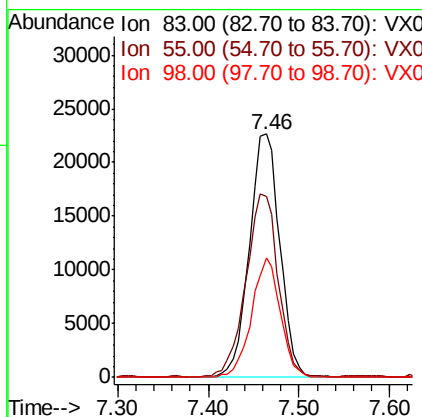
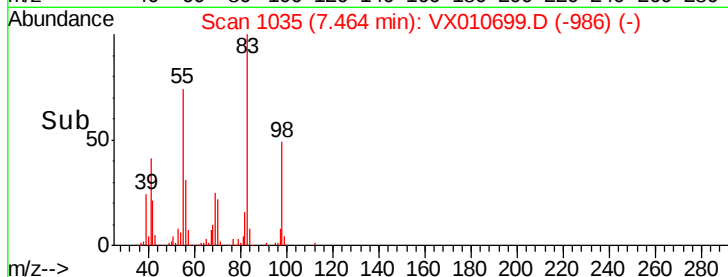
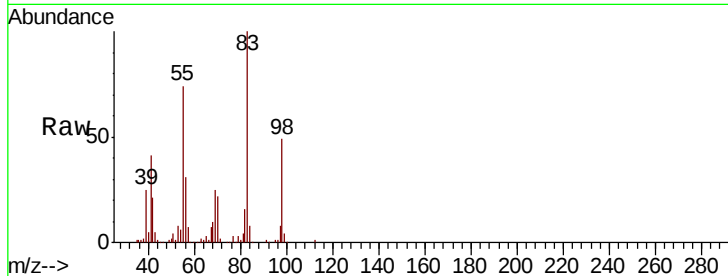
#39
Methylcyclohexane
Concen: 14.218 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0580

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.7	53.0	79.6
98	49.1	37.8	56.8

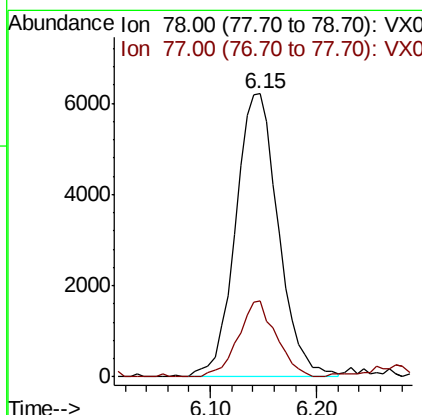
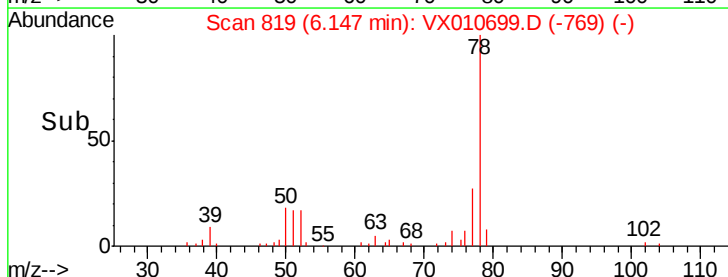
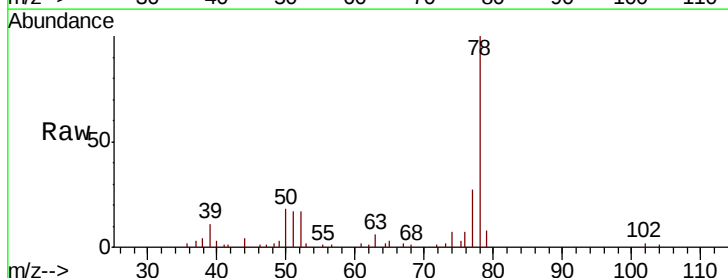
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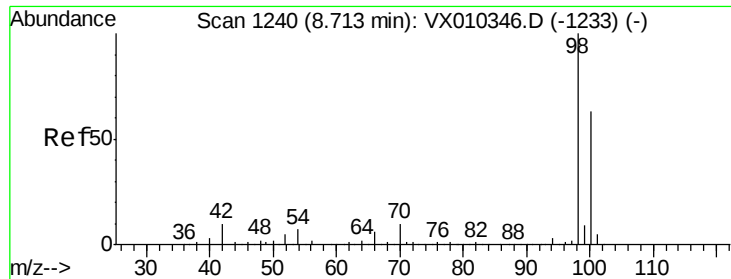
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#40
Benzene
Concen: 1.994 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.9	18.6	28.0





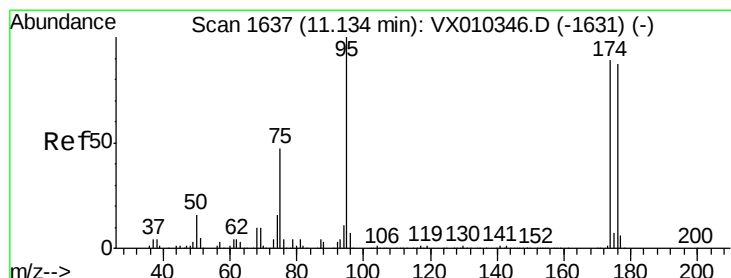
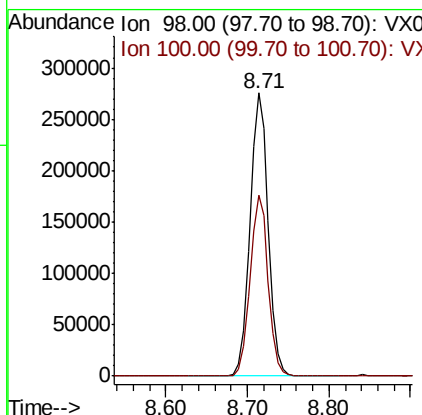
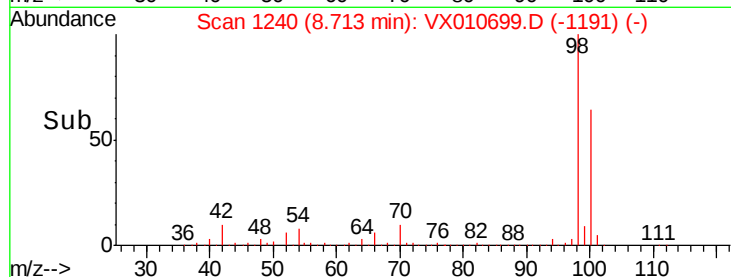
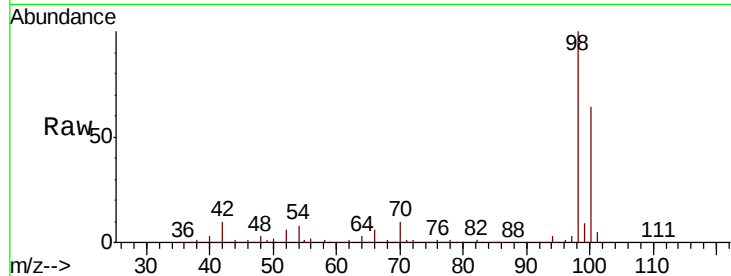
#50
Toluene-d8
Concen: 51.638 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0580

Tgt Ion: 98 Resp: 428999
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

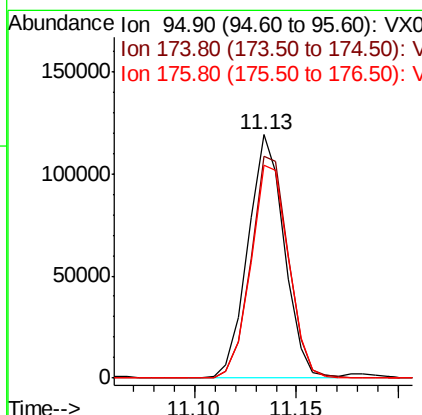
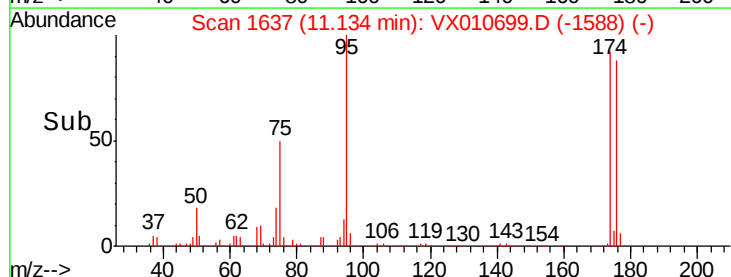
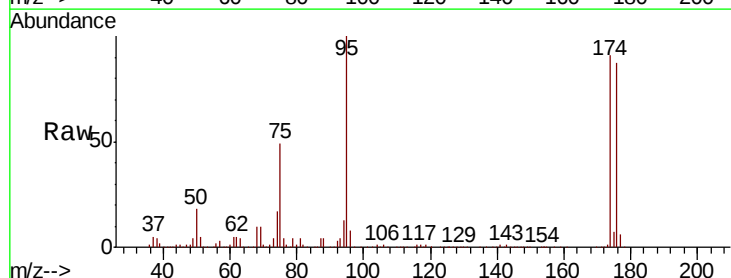
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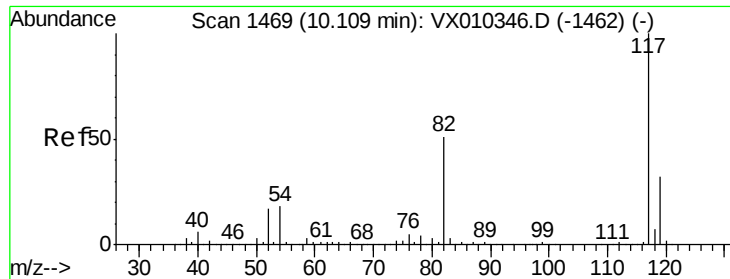
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#62
4-Bromofluorobenzene
Concen: 49.089 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion: 95 Resp: 147234
Ion Ratio Lower Upper
95 100
174 94.9 0.0 187.6
176 91.7 0.0 184.0





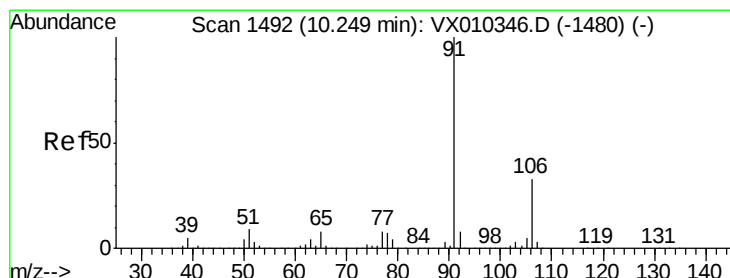
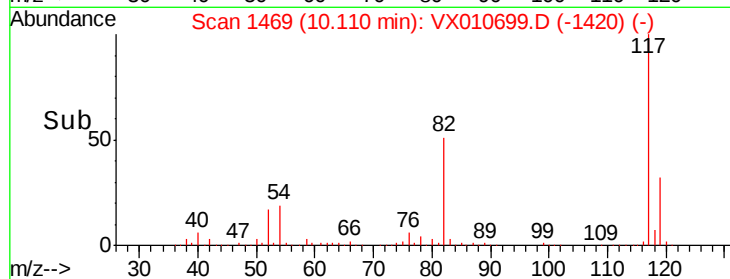
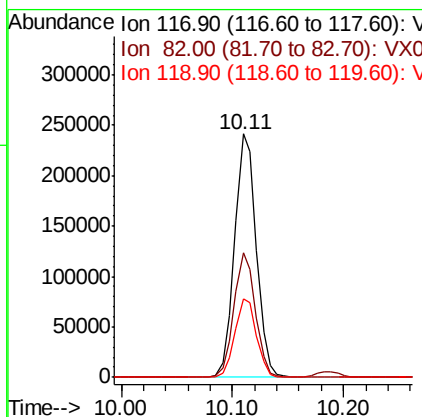
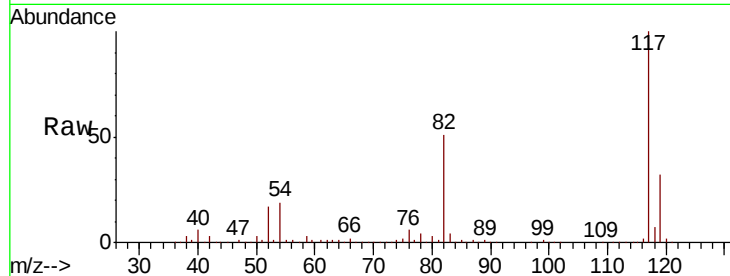
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0580

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.2	61.8
119	32.0	25.5	38.3

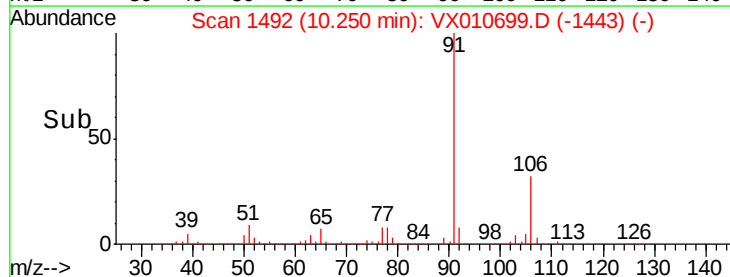
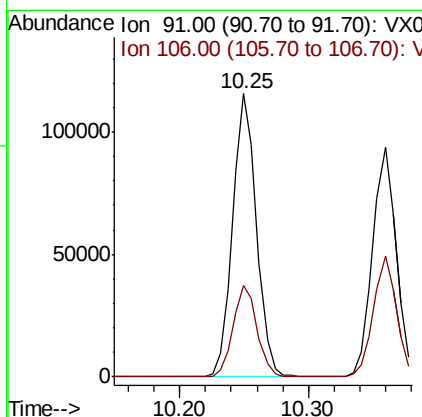
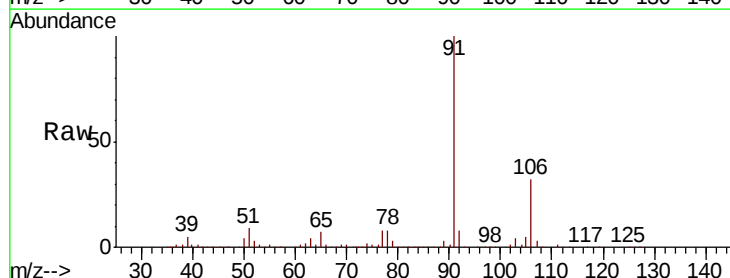
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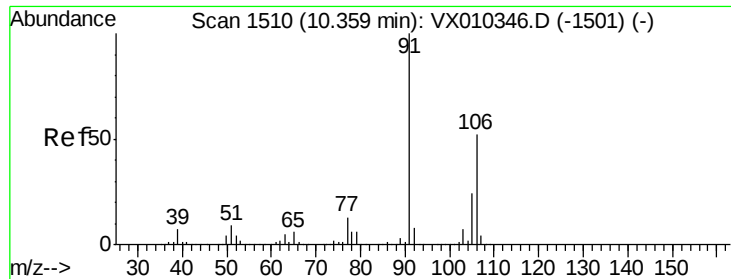
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#67
Ethyl Benzene
Concen: 13.445 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.3	26.2	39.2





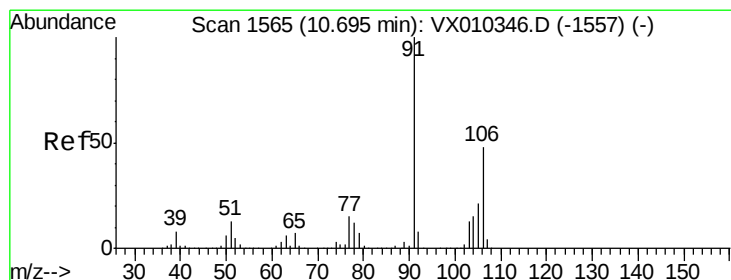
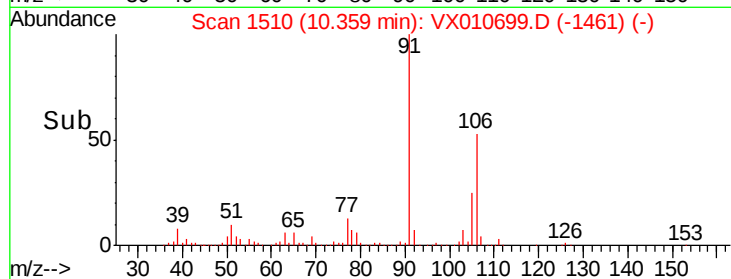
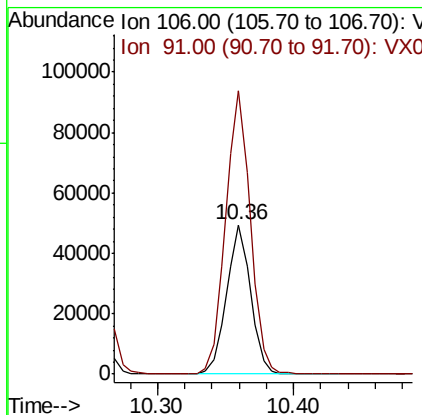
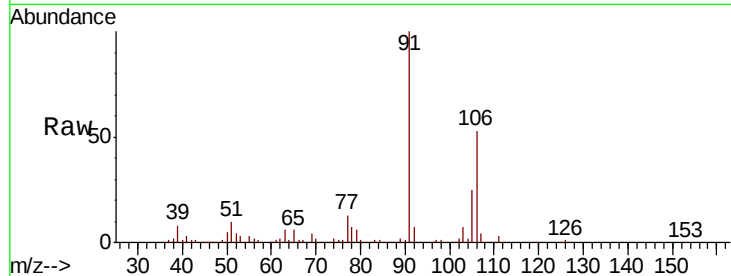
#68
m/p-Xylenes
Concen: 14.024 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Instrument :
MSVOA_X
ClientSampled :
FL-0580

Tgt Ion:106 Resp: 60543
Ion Ratio Lower Upper
106 100
91 195.0 155.3 232.9

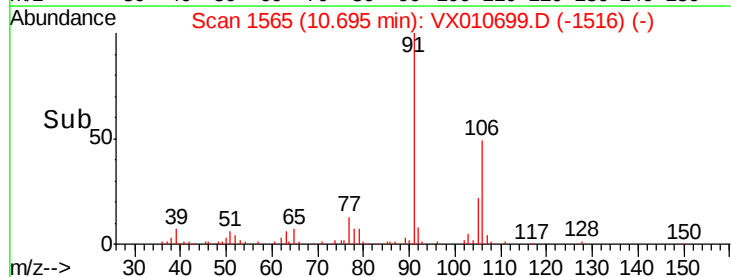
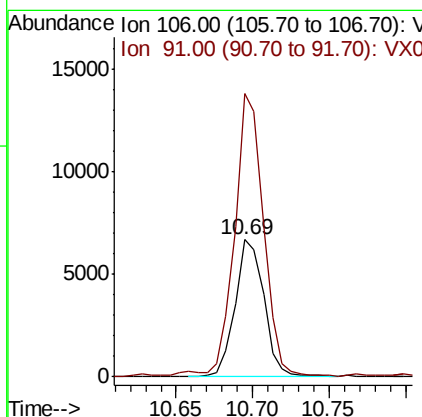
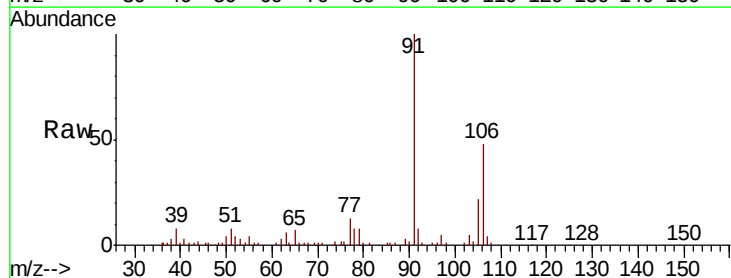
Manual Integrations
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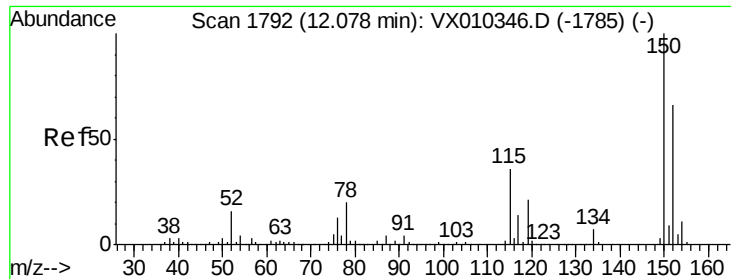
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#69
o-Xylene
Concen: 2.052 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion:106 Resp: 8713
Ion Ratio Lower Upper
106 100
91 206.7 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampled :

FL-0580

Tgt Ion:152 Resp: 159758

Ion Ratio Lower Upper

152 100

115 55.9 38.6 115.7

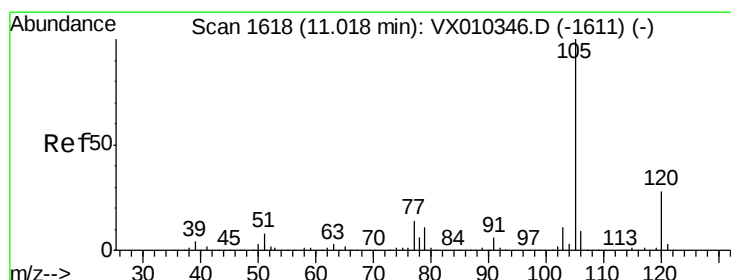
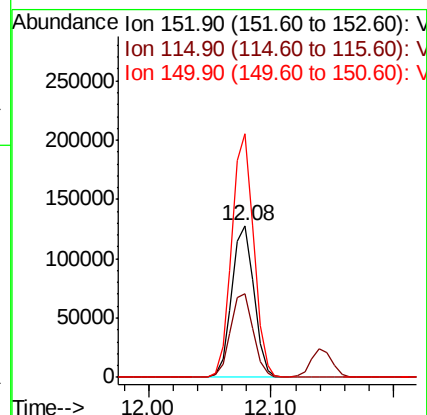
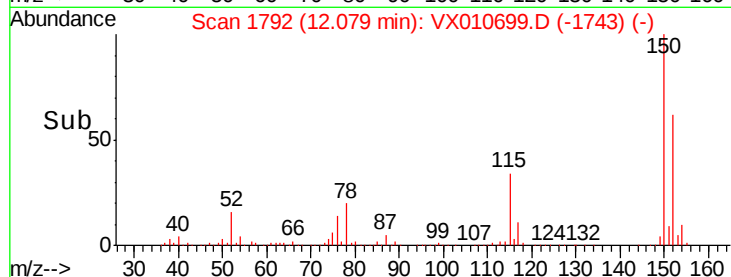
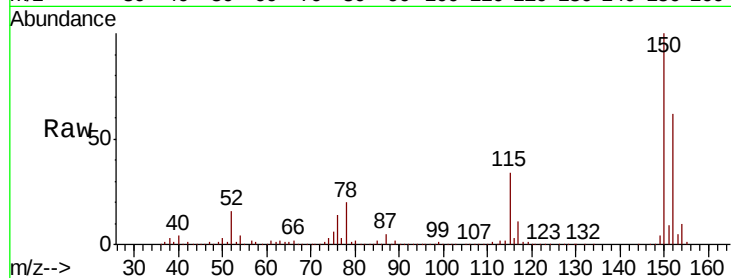
150 158.7 0.0 347.4

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#73

Isopropylbenzene

Concen: 8.598 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010699.D

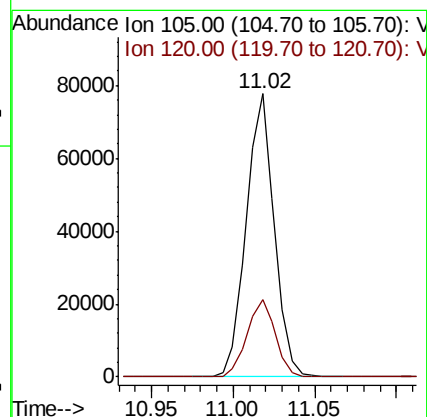
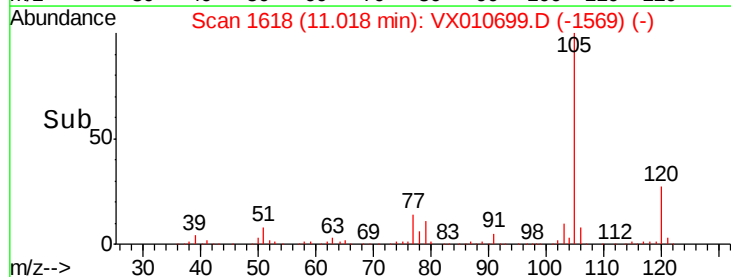
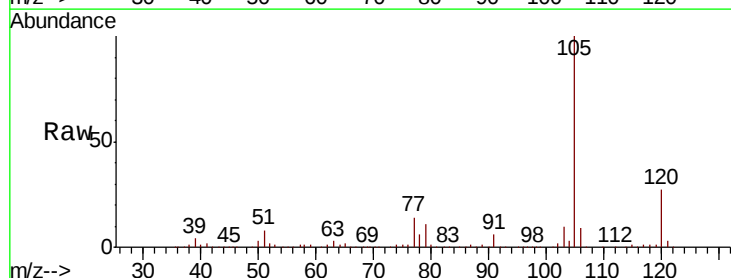
Acq: 08 Jul 2019 16:36

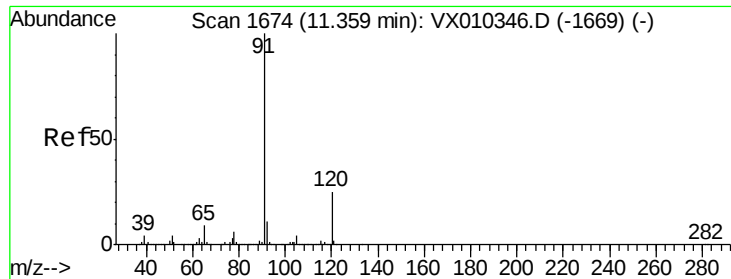
Tgt Ion:105 Resp: 93112

Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.4





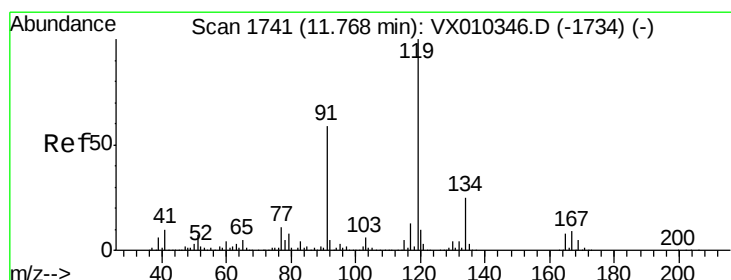
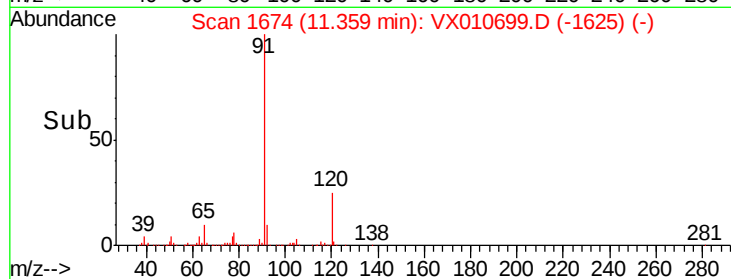
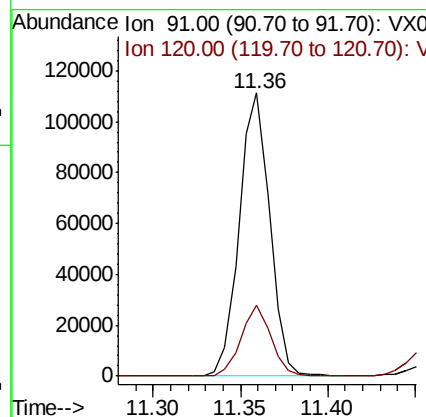
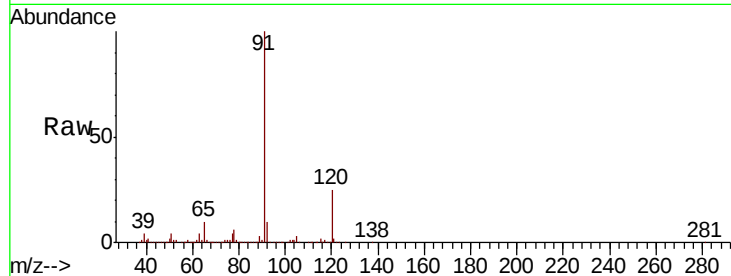
#78
n-propylbenzene
Concen: 11.345 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0580

Tgt Ion: 91 Resp: 135032
Ion Ratio Lower Upper
91 100
120 24.5 12.4 37.4

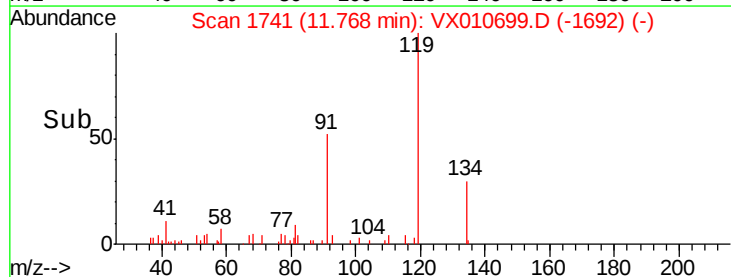
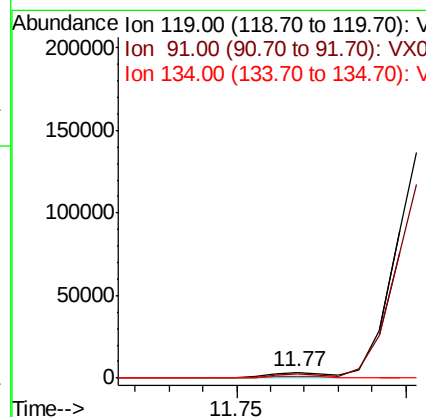
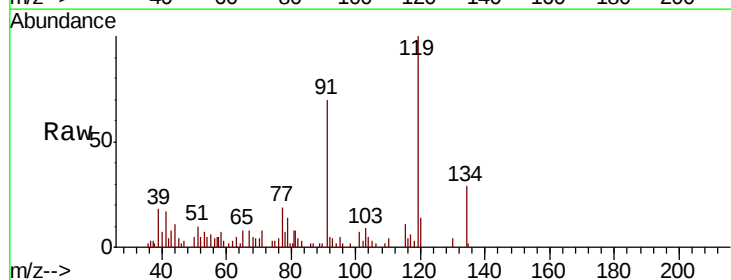
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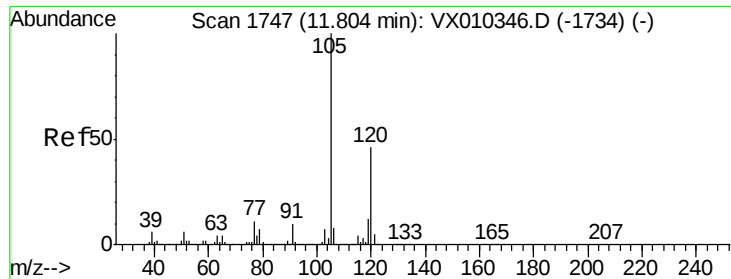
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#83
tert-Butylbenzene
Concen: 0.481 ug/l m
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion: 119 Resp: 4314
Ion Ratio Lower Upper
119 100
91 3476.6 27.6 82.7#
134 0.0 11.8 35.4#





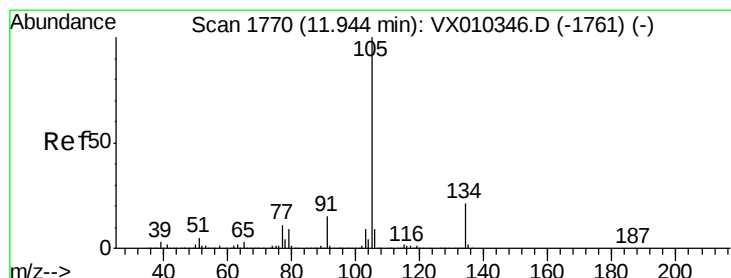
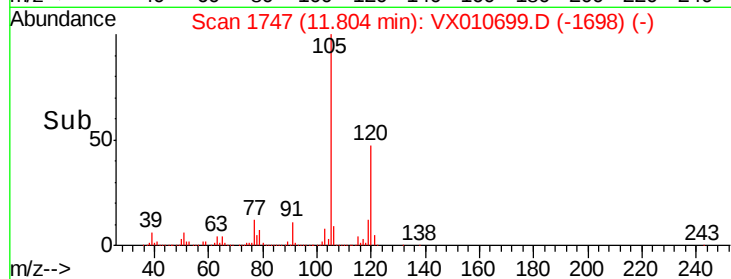
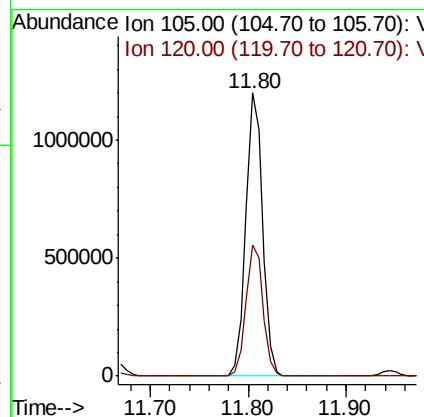
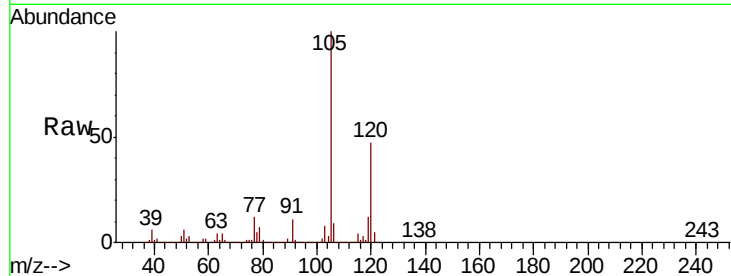
#84
 1,2,4-Trimethylbenzene
 Concen: 158.407 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010699.D
 Acq: 08 Jul 2019 16:36

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0580

Tgt Ion:105 Resp: 1420845
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.1 69.2

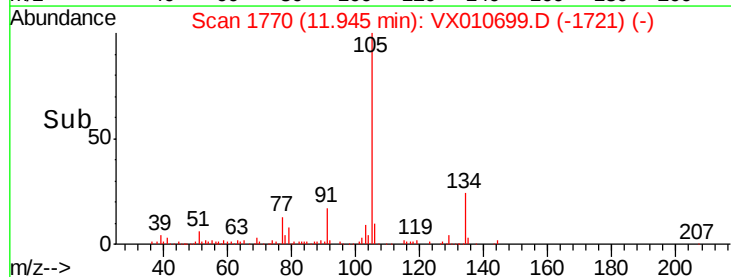
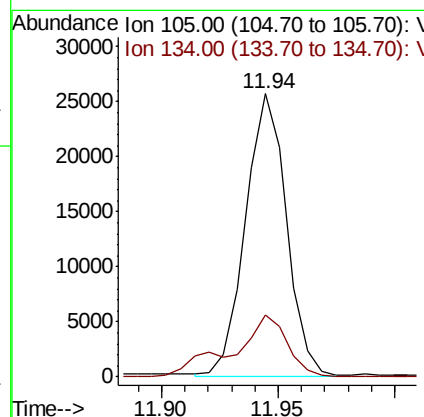
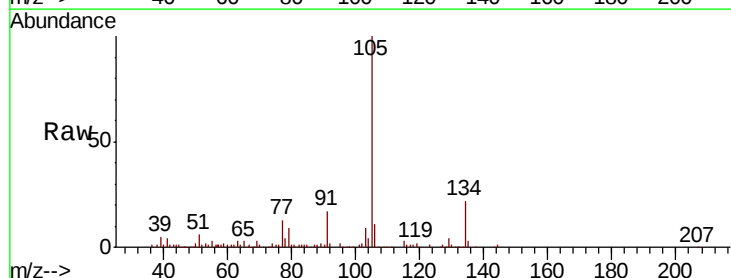
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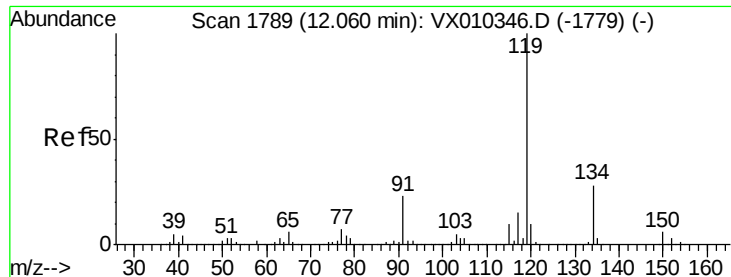
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#85
 sec-Butylbenzene
 Concen: 3.032 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010699.D
 Acq: 08 Jul 2019 16:36

Tgt Ion:105 Resp: 31899
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#





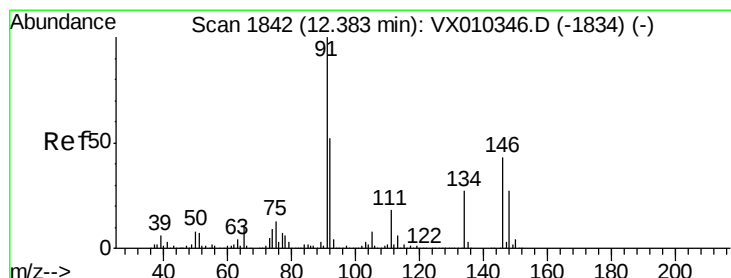
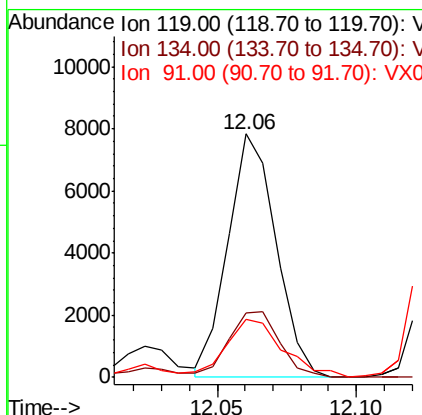
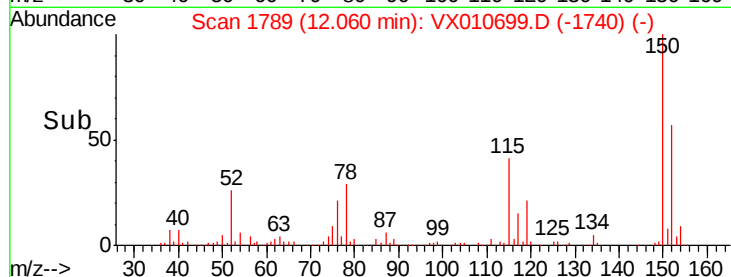
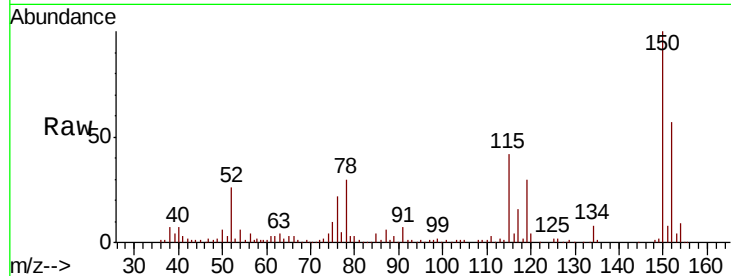
#86
p-Isopropyltoluene
Concen: 0.969 ug/l m
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Instrument :
MSVOA_X
ClientSampled :
FL-0580

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	9429		
134	79.4	13.7	41.1#	
91	63.5	11.3	33.8#	

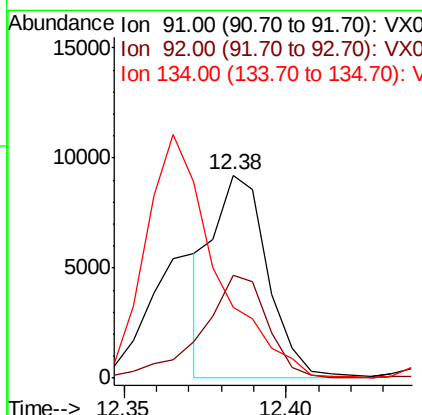
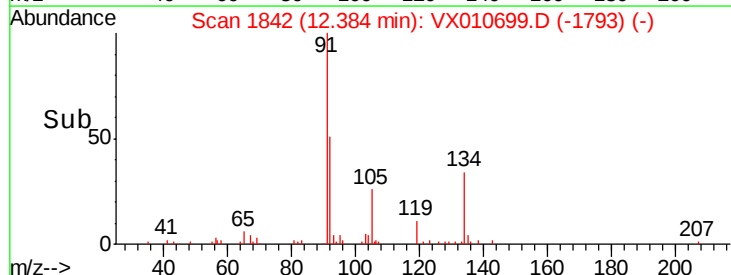
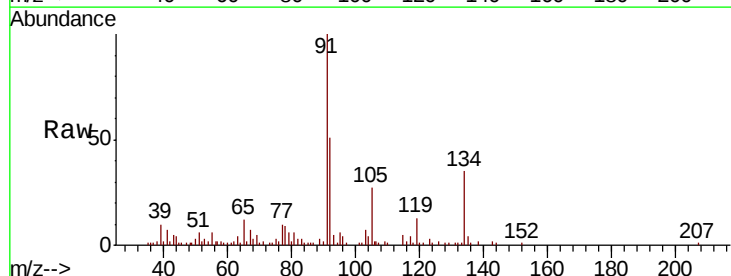
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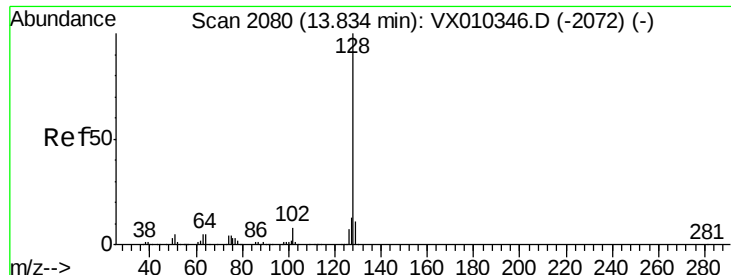
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#89
n-Butylbenzene
Concen: 1.319 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	10907		
92	60.8	26.2	78.5	
134	153.6	14.1	42.4#	





#95
Naphthalene
Concen: 24.869 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0580

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.8	8.9	13.3

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