

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010894.D
 Acq On : 15 Jul 2019 18:57
 Operator : JC/SP
 Sample : K3791-09DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0595DL

Manual Integrations
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 7/16/2019 10:47:53 AM

Quant Time: Jul 16 03:56:29 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	228461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121467	56.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.42%	
35) Dibromofluoromethane	5.50	113	110690	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	8.71	98	436972	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.13	95	153771	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.58	56	14871	4.806	ug/l	88
39) Methylcyclohexane	7.46	83	30542	8.095	ug/l	96
67) Ethyl Benzene	10.25	91	17893	1.568	ug/l	95
68) m/p-Xylenes	10.36	106	16925	3.828	ug/l	99
73) Isopropylbenzene	11.02	105	29090	2.647	ug/l	98
78) n-propylbenzene	11.36	91	52452	4.342	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	102398	11.301	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	305267	33.533	ug/l	99
85) sec-Butylbenzene	11.94	105	12528	1.173	ug/l	84
86) p-Isopropyltoluene	12.06	119	13852	1.402	ug/l	96
89) n-Butylbenzene	12.38	91	4250m	0.506	ug/l	
95) Naphthalene	13.83	128	30064	2.650	ug/l #	95

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

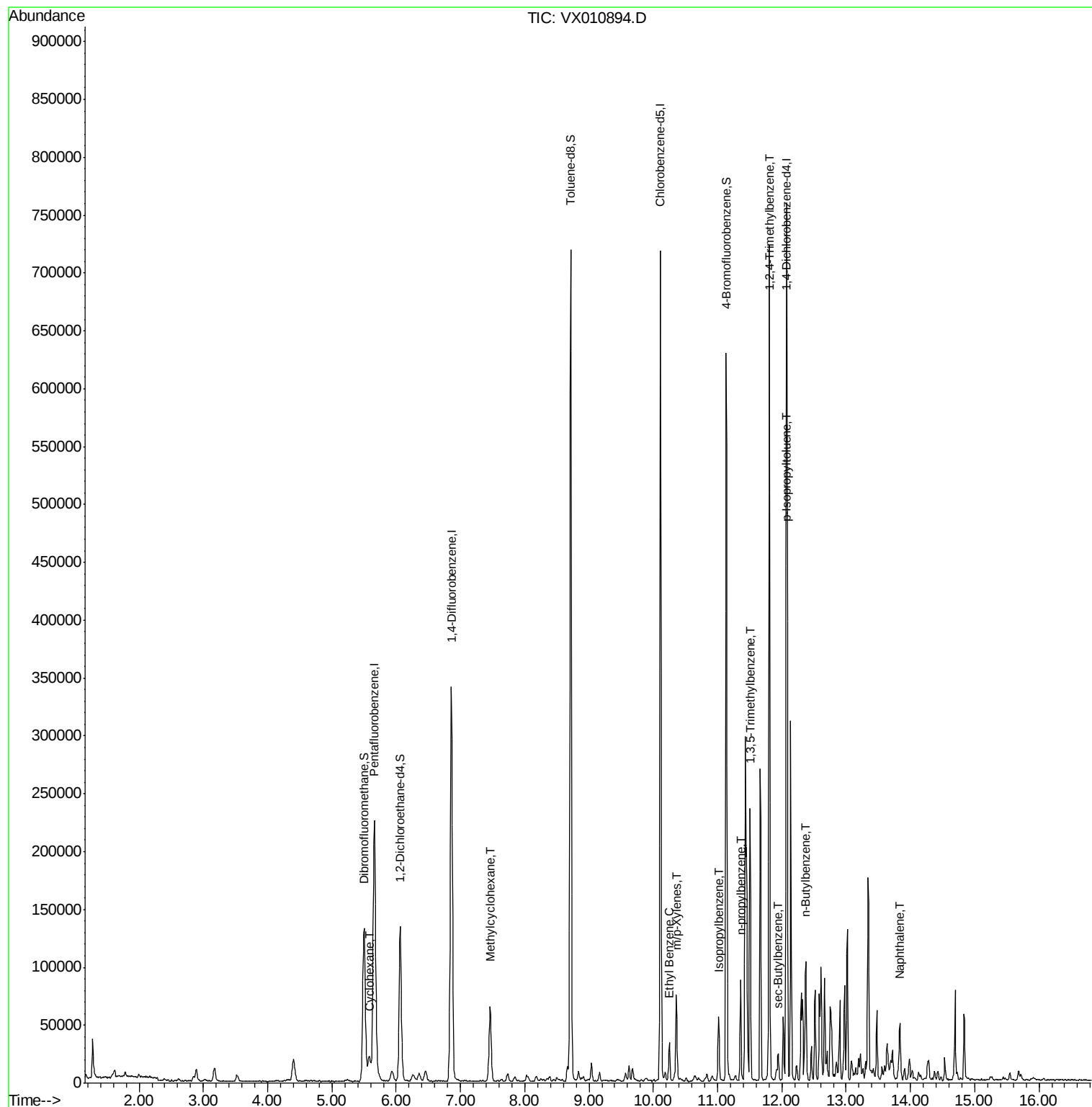
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071519\
Data File : VX010894.D
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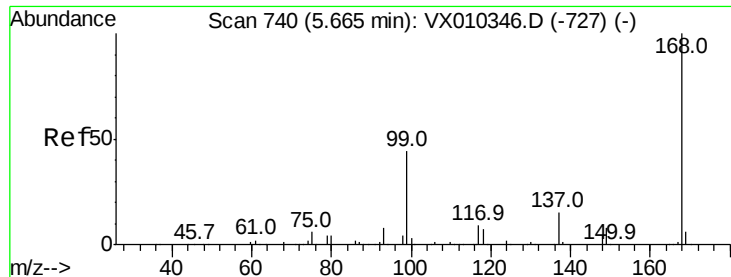
Instrument :
MSVOA_X
ClientSampleId :
FL-0595DL

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Quant Time: Jul 16 03:56:29 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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010894.D

Acq: 15 Jul 2019 18:57

Instrument :

MSVOA_X

ClientSampled :

FL-0595DL

Tot Ion:168 Resp: 228461

Ion Ratio Lower Upper

168 100

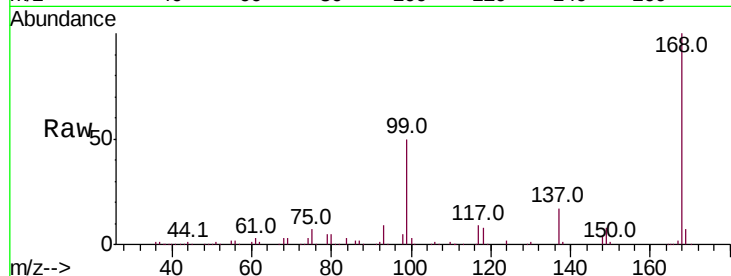
99 49.9 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

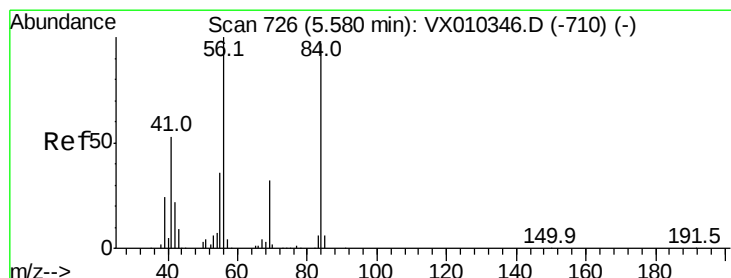
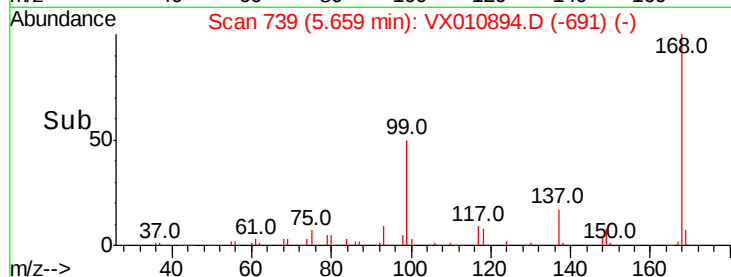
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 4.806 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010894.D

Acq: 15 Jul 2019 18:57

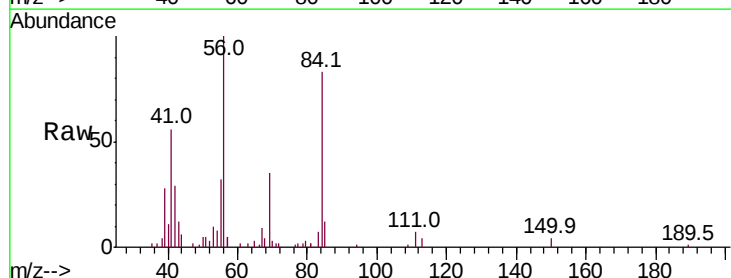
Tgt Ion: 56 Resp: 14871

Ion Ratio Lower Upper

56 100

69 35.0 25.9 38.9

84 82.8 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.58

6000

5000

4000

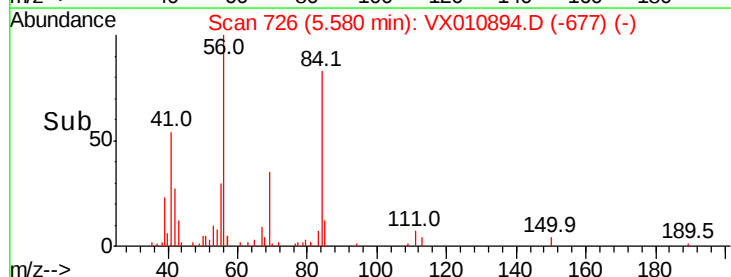
3000

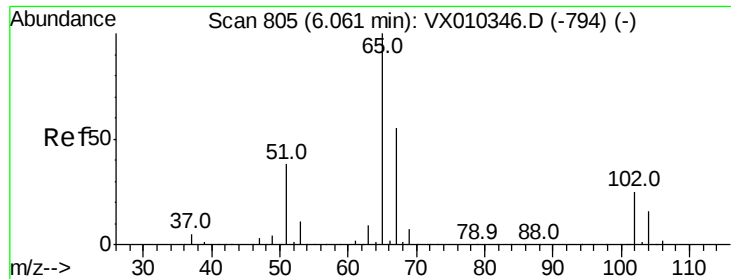
2000

1000

0

Time--> 5.50 5.60





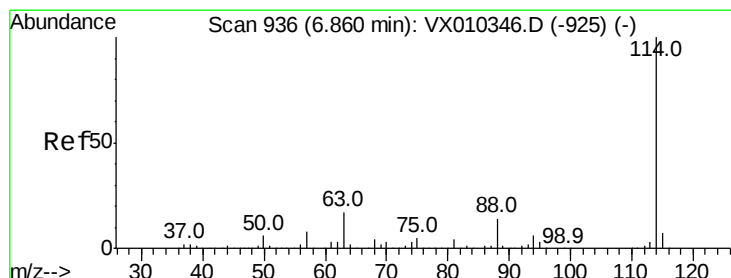
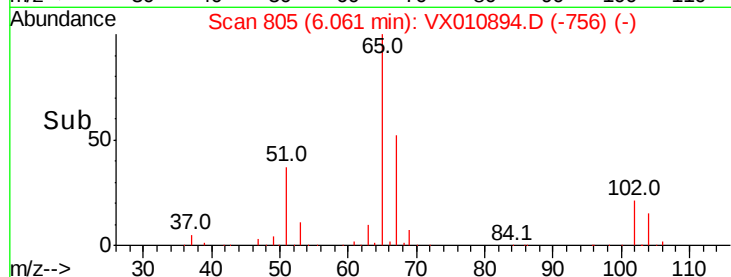
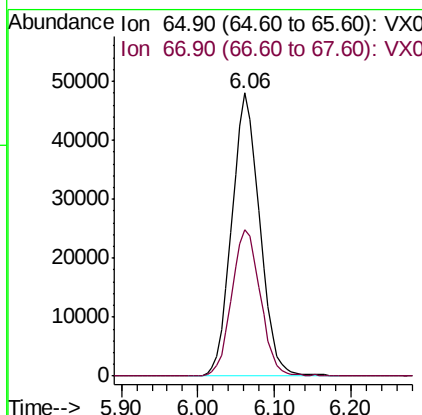
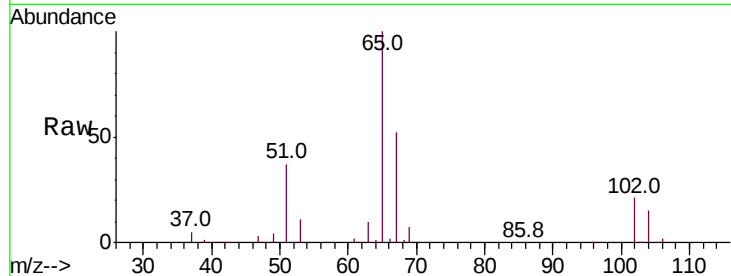
#33
 1,2-Dichloroethane-d4
 Concen: 56.706 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010894.D
 Acq: 15 Jul 2019 18:57

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0595DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.1	0.0	110.2	

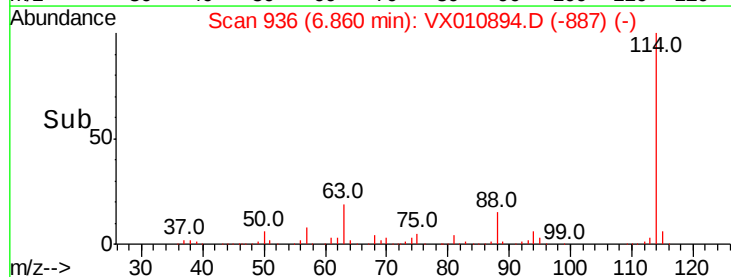
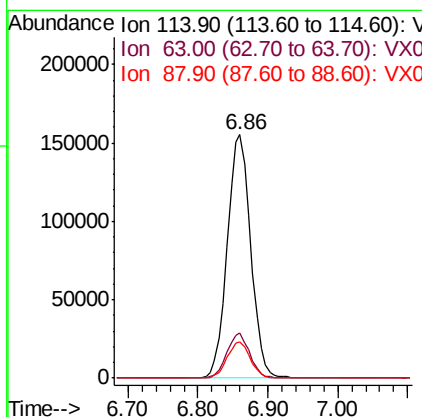
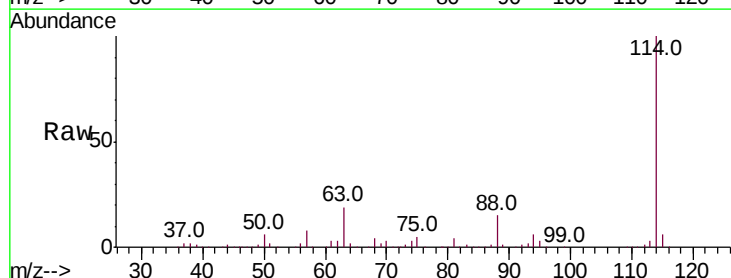
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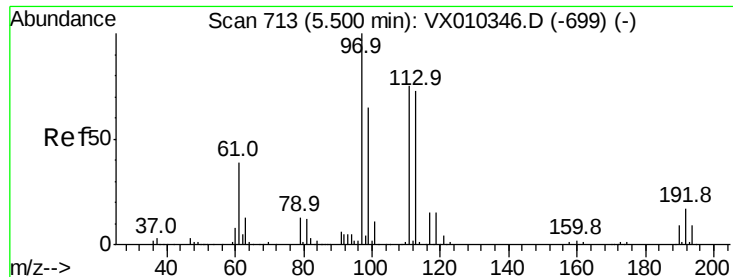
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010894.D
 Acq: 15 Jul 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.6	0.0	33.8	
88	15.1	0.0	27.6	





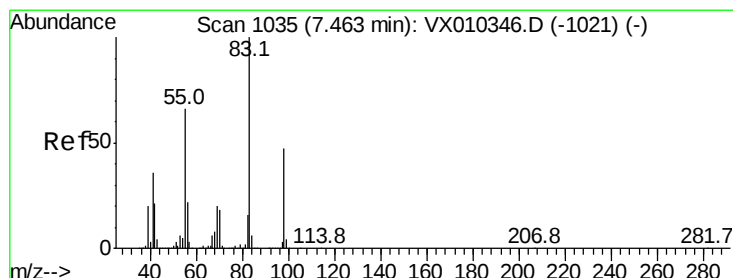
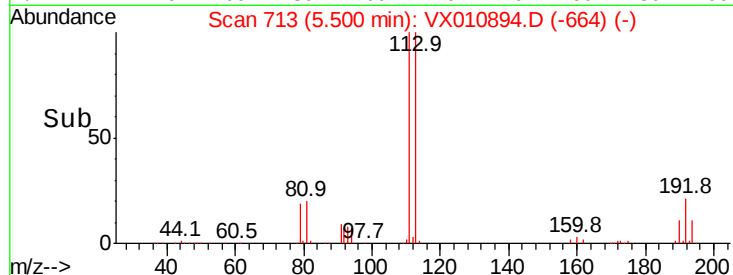
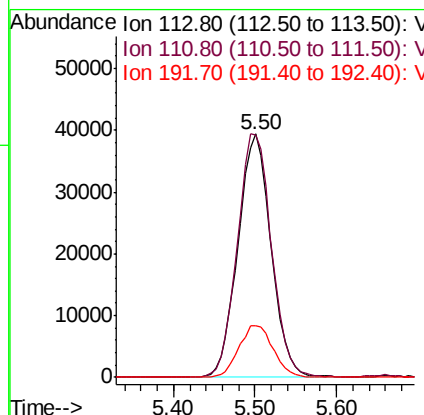
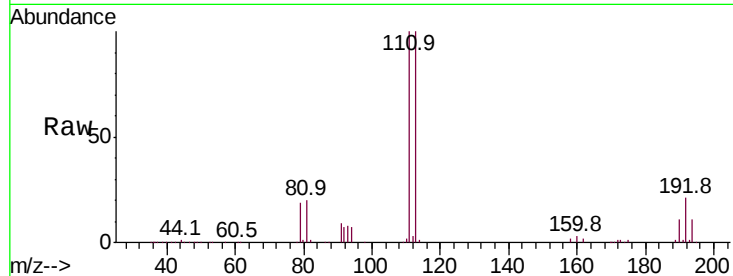
#35
Dibromofluoromethane
Concen: 50.085 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010894.D
Acq: 15 Jul 2019 18:57

Instrument :
MSVOA_X
ClientSampleID :
FL-0595DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.7	81.2	121.8	
192	22.2	18.6	27.8	

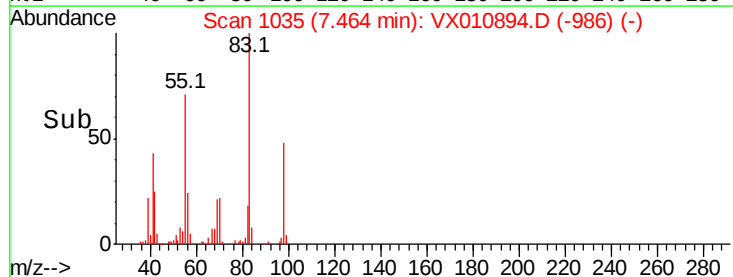
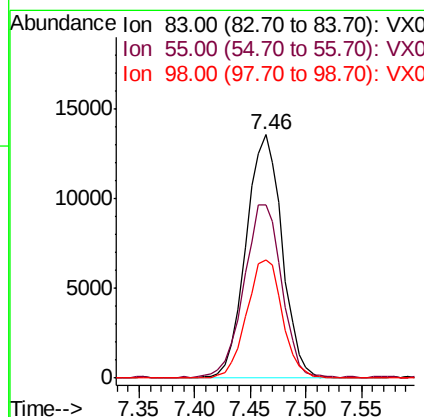
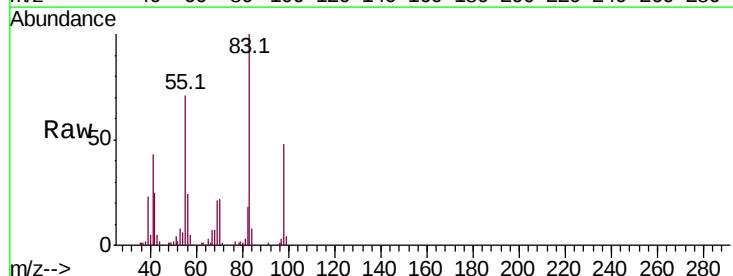
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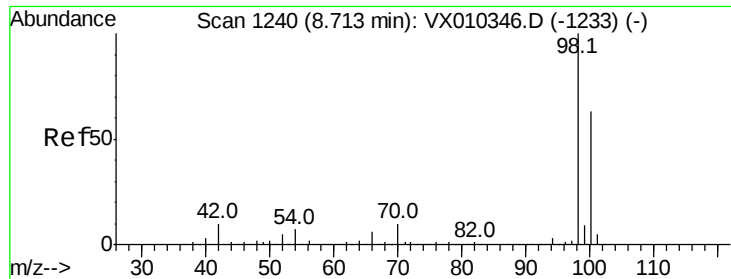
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#39
Methylcyclohexane
Concen: 8.095 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010894.D
Acq: 15 Jul 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	71.2	53.0	79.6	
98	48.3	37.8	56.8	





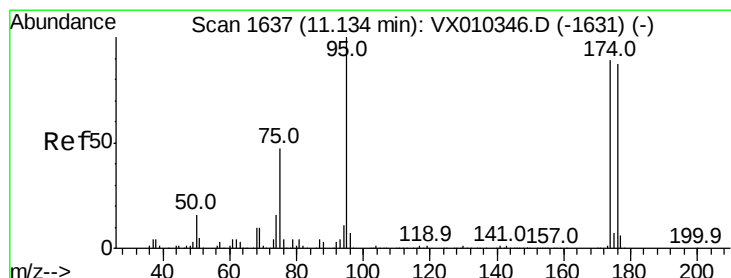
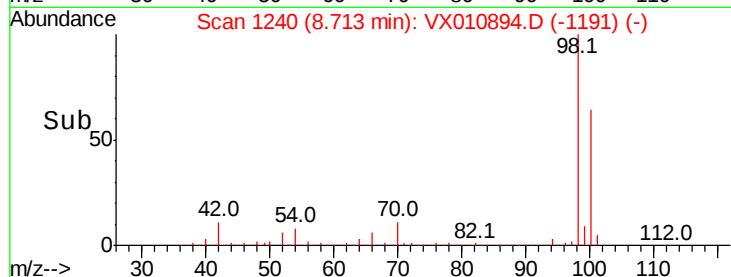
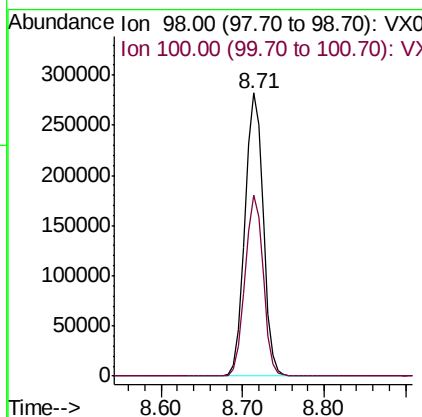
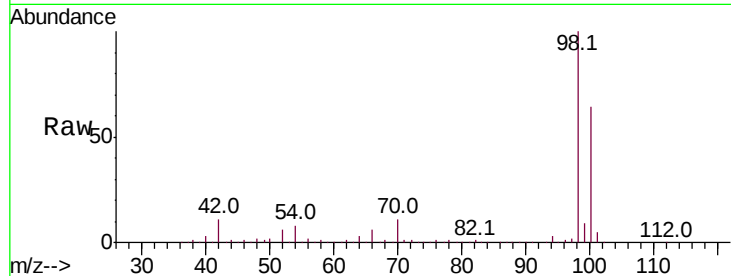
#50
Toluene-d8
Concen: 51.681 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010894.D
Acq: 15 Jul 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
FL-0595DL

Tot Ion: 98 Resp: 436972
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

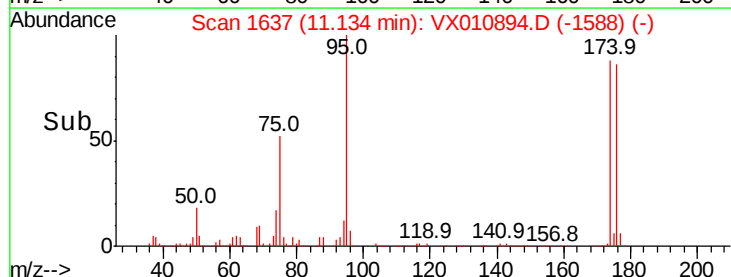
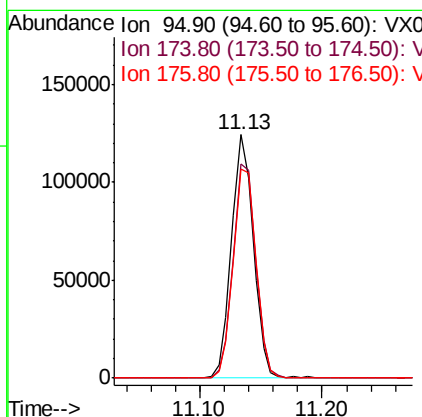
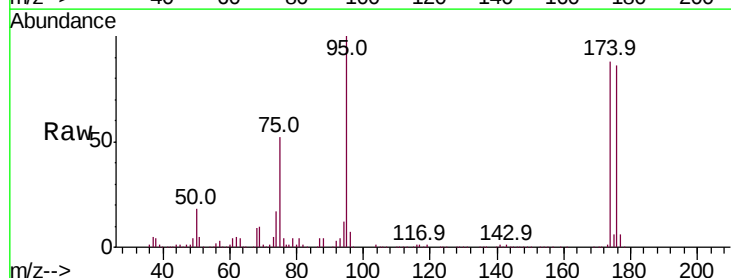
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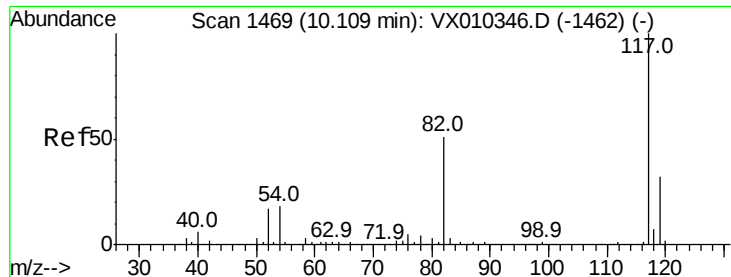
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#62
4-Bromofluorobenzene
Concen: 50.374 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010894.D
Acq: 15 Jul 2019 18:57

Tgt Ion: 95 Resp: 153771
Ion Ratio Lower Upper
95 100
174 91.2 0.0 187.6
176 89.7 0.0 184.0





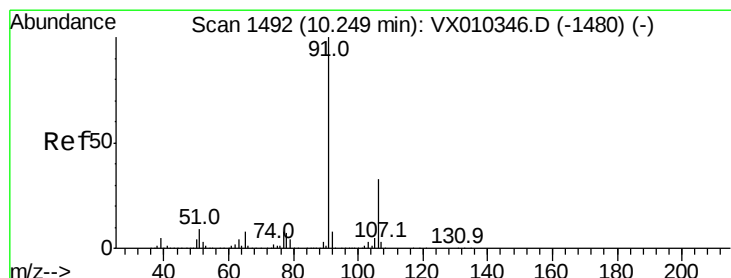
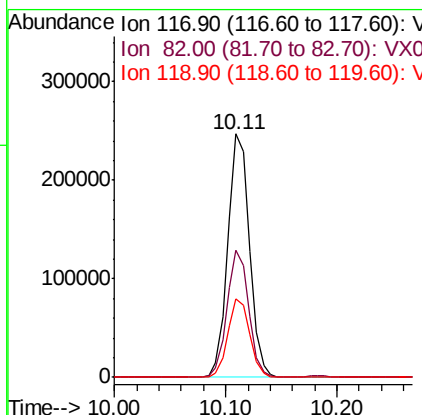
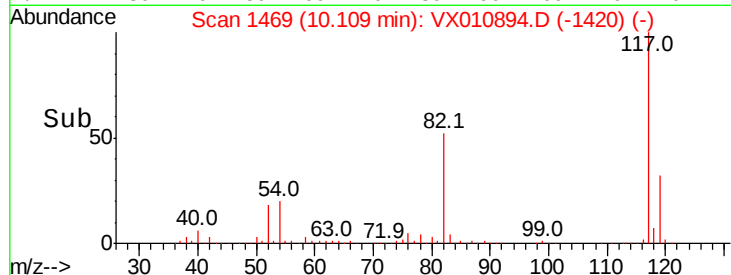
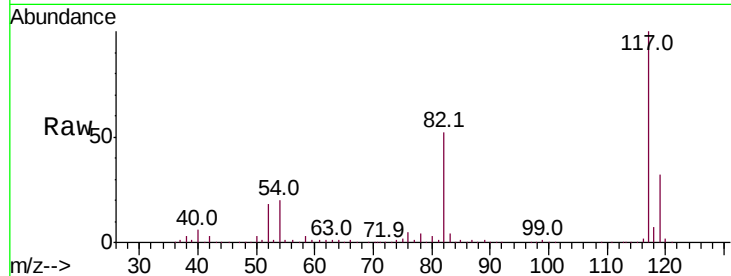
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010894.D
Acq: 15 Jul 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
FL-0595DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.2	61.8
119	32.1	25.5	38.3

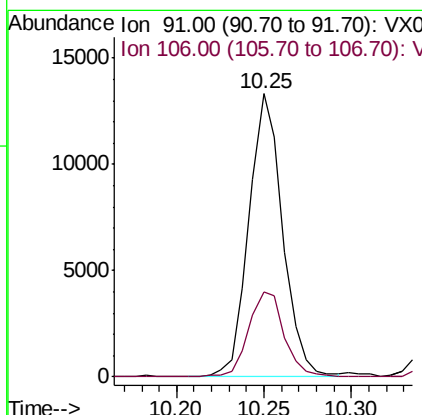
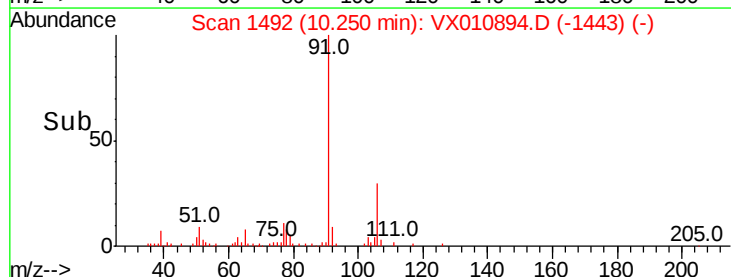
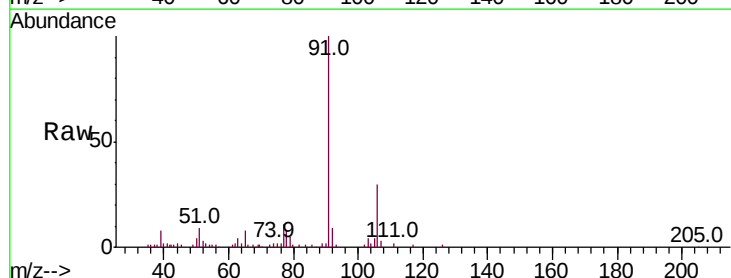
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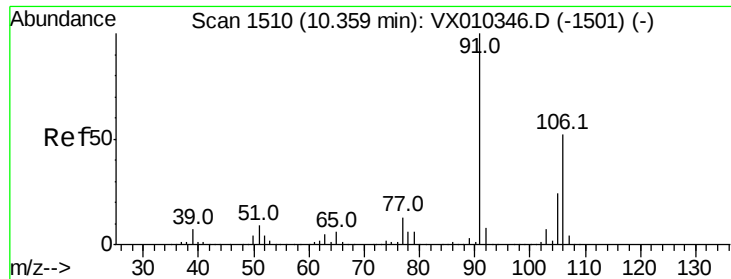
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#67
Ethyl Benzene
Concen: 1.568 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010894.D
Acq: 15 Jul 2019 18:57

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.0	26.2	39.2





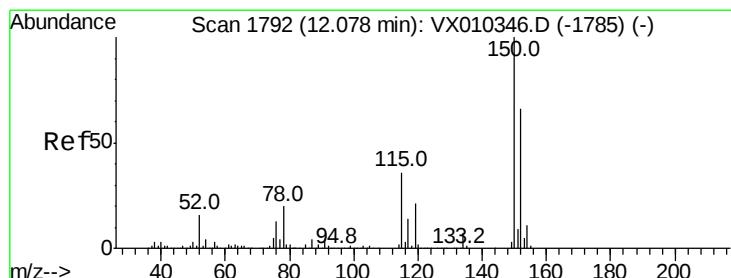
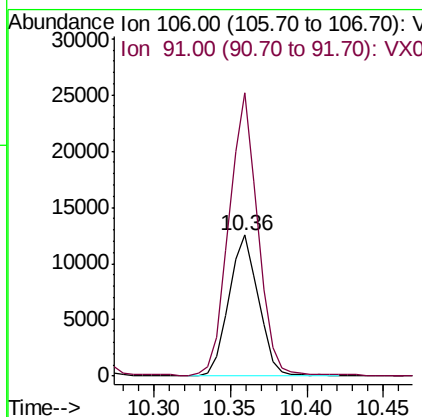
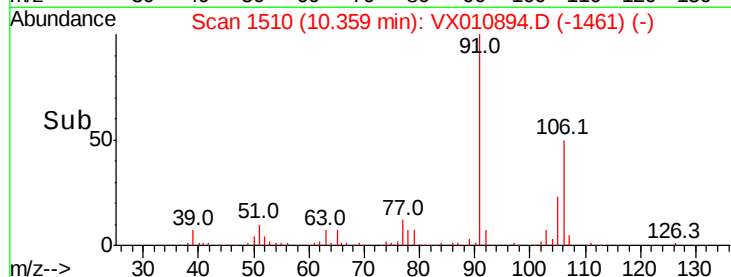
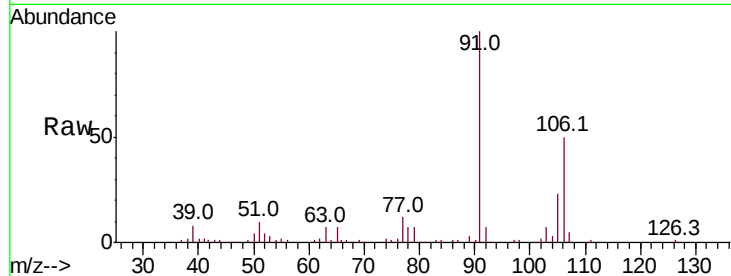
#68
m/p-Xvlenes
Concen: 3.828 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010894.D
Acq: 15 Jul 2019 18:57

Instrument :
MSVOA_X
ClientSampled :
FL-0595DL

Tot Ion:106 Resp: 16925
Ion Ratio Lower Upper
106 100
91 194.9 155.3 232.9

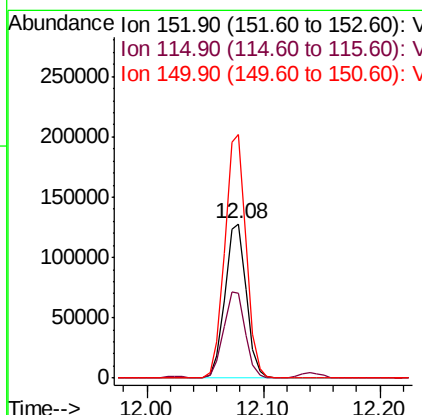
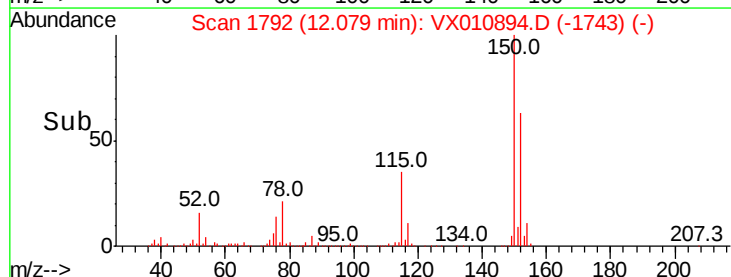
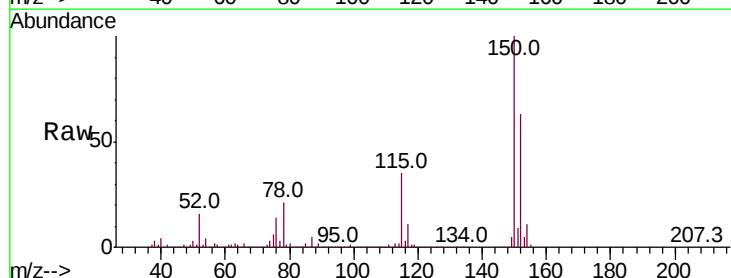
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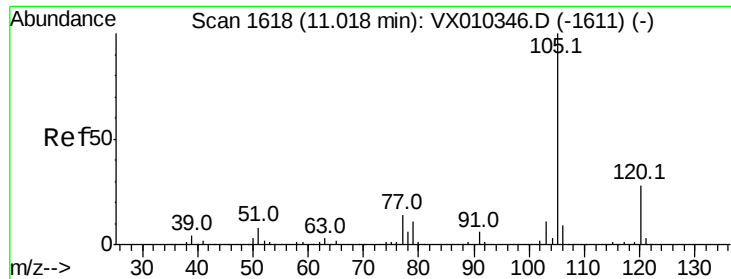
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010894.D
Acq: 15 Jul 2019 18:57

Tgt Ion:152 Resp: 162143
Ion Ratio Lower Upper
152 100
115 56.5 38.6 115.7
150 157.1 0.0 347.4





#73

Isopropylbenzene

Concen: 2.647 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010894.D

Acq: 15 Jul 2019 18:57

Instrument :

MSVOA_X

ClientSampleID :

FL-0595DL

Tot Ion: 105 Resp: 29090

Ion Ratio Lower Upper

105 100

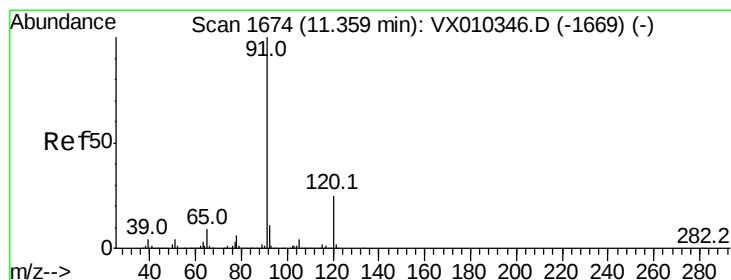
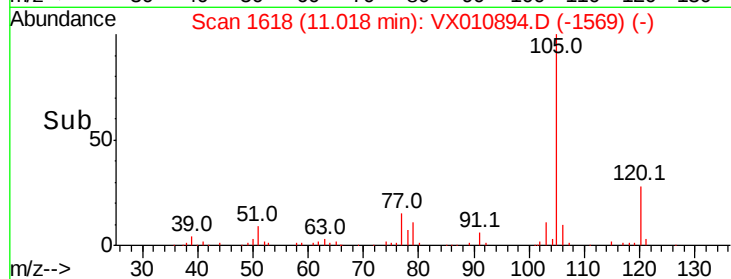
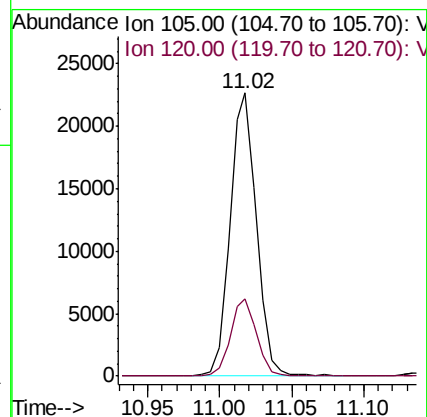
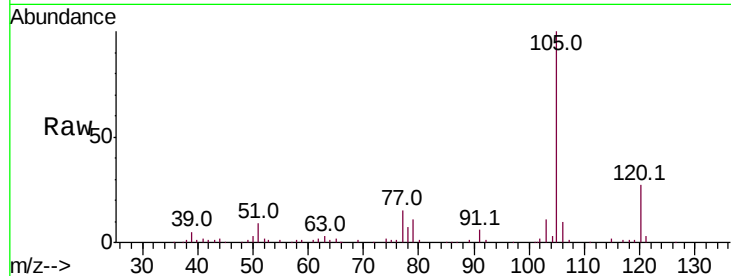
120 27.3 14.1 42.4

Manual Integrations

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7/16/2019 10:47:53 AM



#78

n-propylbenzene

Concen: 4.342 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010894.D

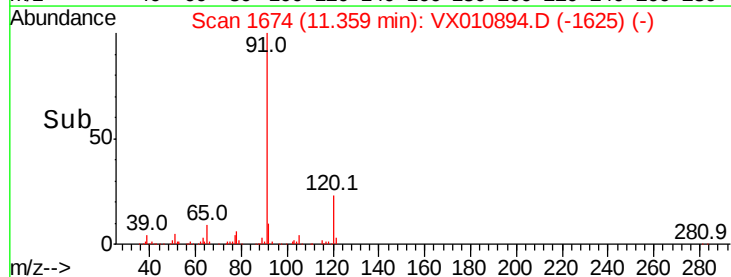
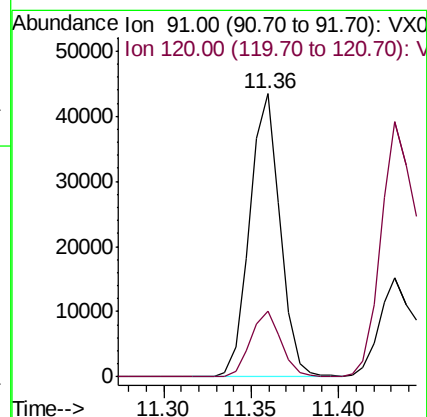
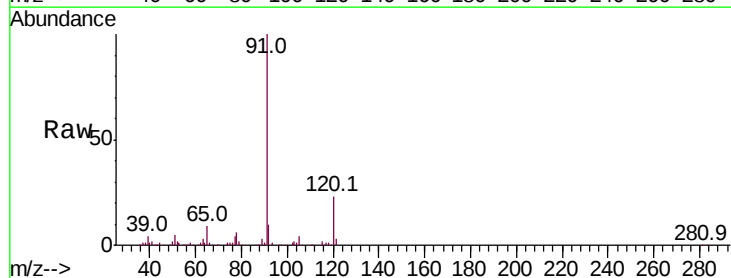
Acq: 15 Jul 2019 18:57

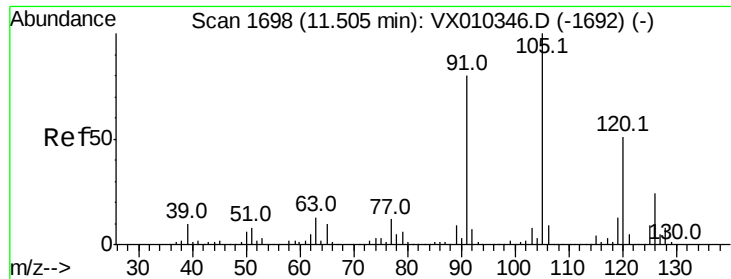
Tgt Ion: 91 Resp: 52452

Ion Ratio Lower Upper

91 100

120 23.4 12.4 37.4





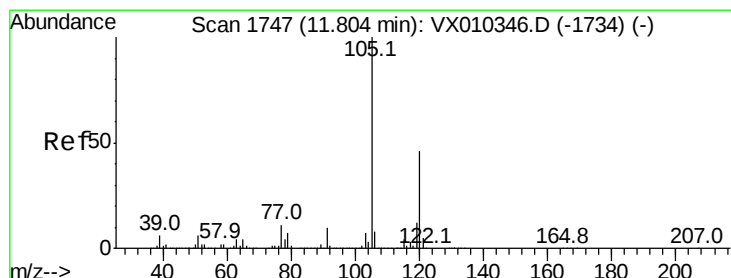
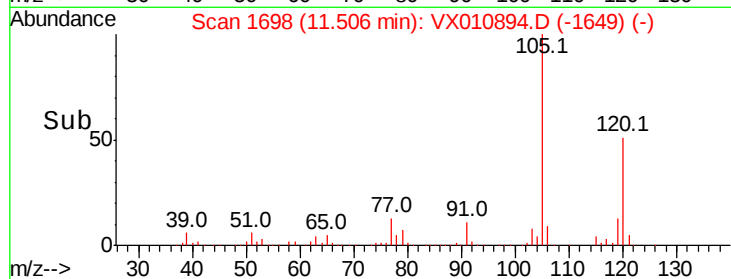
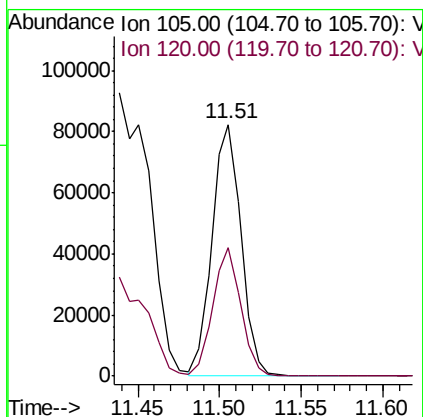
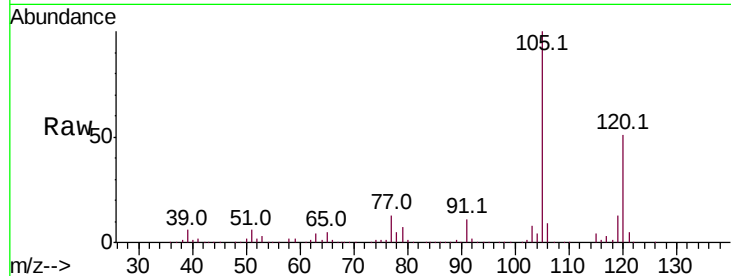
#80
 1,3,5-Trimethylbenzene
 Concen: 11.301 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010894.D
 Acq: 15 Jul 2019 18:57

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0595DL

Tot Ion:105 Resp: 102398
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.2 75.6

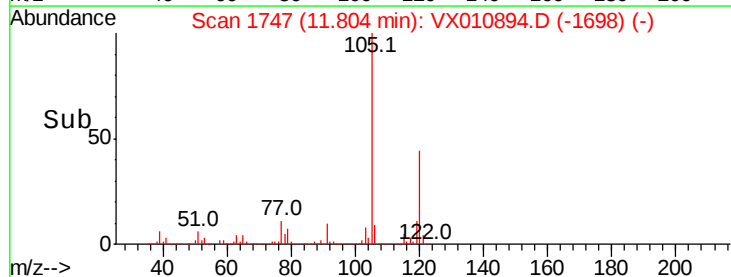
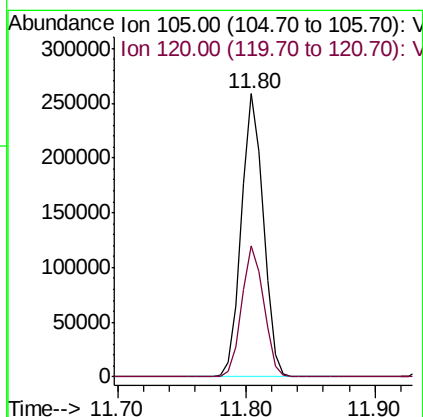
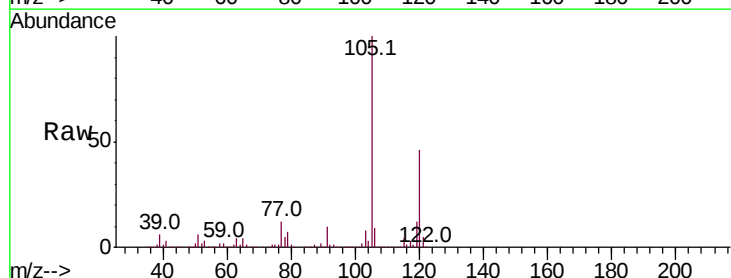
Manual Integrations
 APPROVED

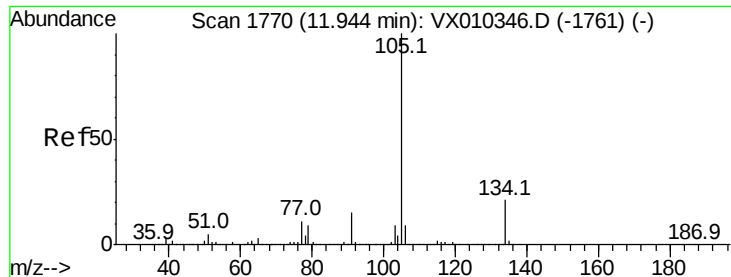
MMDadoda
 7/16/2019 10:47:53 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 33.533 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010894.D
 Acq: 15 Jul 2019 18:57

Tgt Ion:105 Resp: 305267
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 1.173 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010894.D

Acq: 15 Jul 2019 18:57

Instrument :

MSVOA_X

ClientSampled :

FL-0595DL

Tot Ion:105 Resp: 12528

Ion Ratio Lower Upper

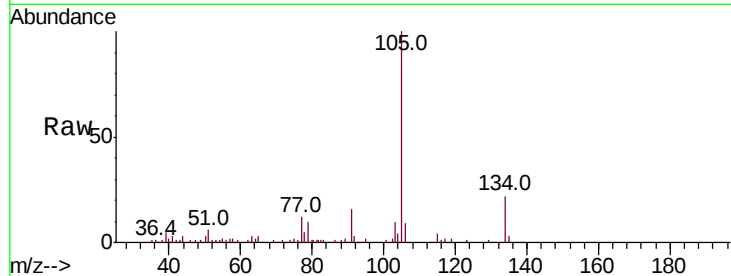
105 100

134 28.9 10.7 31.9

Manual Integrations
APPROVED

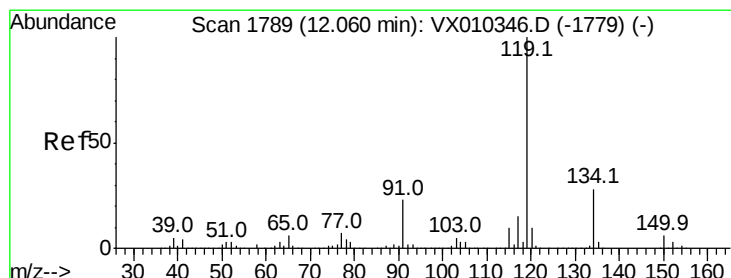
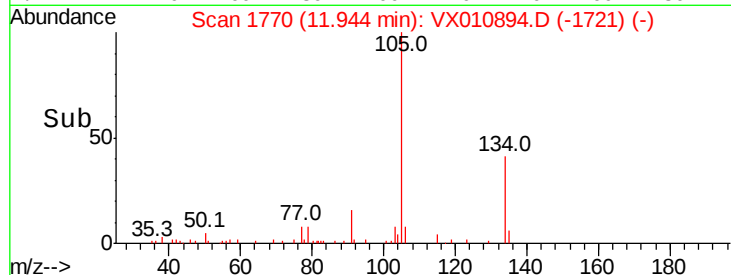
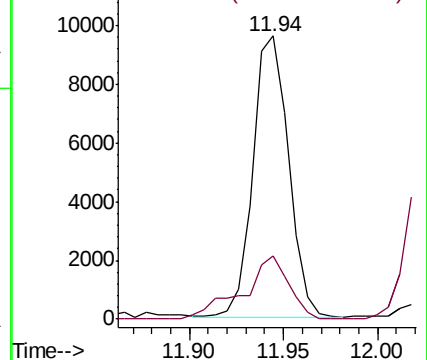
MMDadoda

7/16/2019 10:47:53 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.402 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010894.D

Acq: 15 Jul 2019 18:57

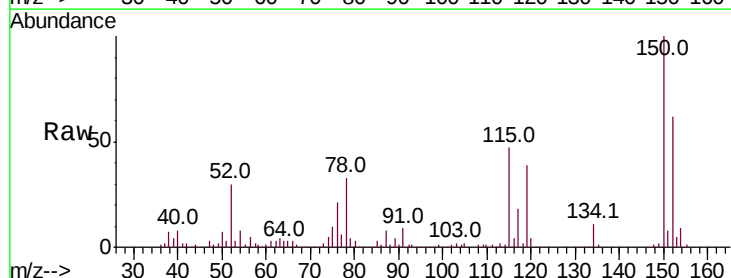
Tgt Ion:119 Resp: 13852

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

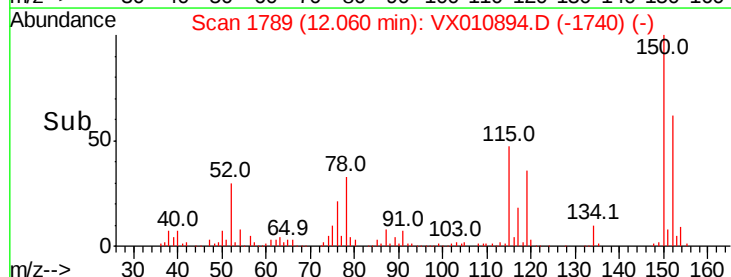
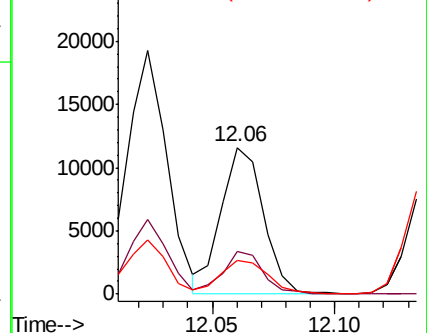
91 26.3 11.3 33.8

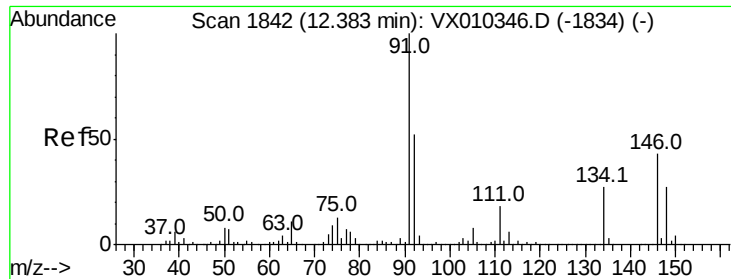


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





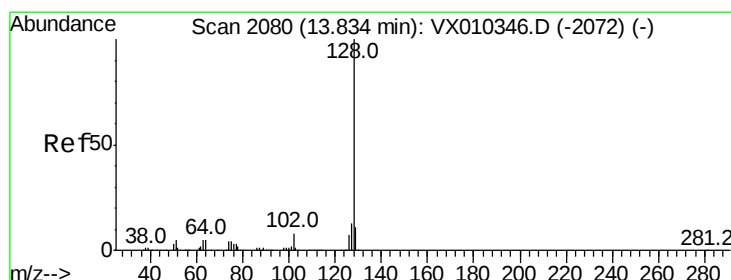
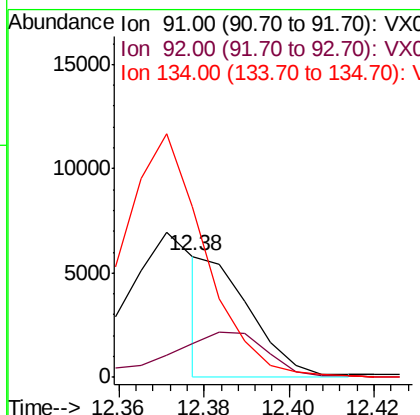
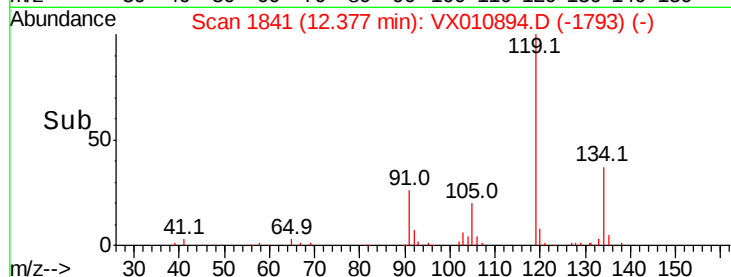
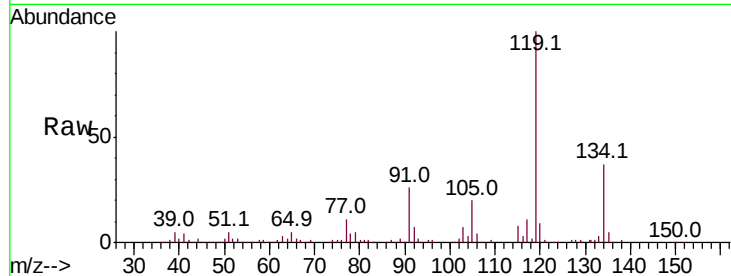
#89
n-Butylbenzene
Concen: 0.506 ug/l m
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010894.D
Acq: 15 Jul 2019 18:57

Instrument :
MSVOA_X
ClientSampled :
FL-0595DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	83.5	26.2	78.5#
134	375.8	14.1	42.4#

Manual Integrations
APPROVED

MMDadoda
7/16/2019 10:47:53 AM



#95
Naphthalene
Concen: 2.650 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010894.D
Acq: 15 Jul 2019 18:57

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.4
129	13.4	8.9	13.3#

