

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010891.D
 Acq On : 15 Jul 2019 17:47
 Operator : JC/SP
 Sample : K3786-07DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0597DL

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 10:47:44 AM

Quant Time: Jul 16 03:44:35 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	229302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358393	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	334788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119061	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.76%	
35) Dibromofluoromethane	5.50	113	110801	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
50) Toluene-d8	8.71	98	432993	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.13	95	153422	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	2200	2.042	ug/l #	88
31) Cyclohexane	5.58	56	28055	9.034	ug/l	96
39) Methylcyclohexane	7.46	83	39519	10.556	ug/l	100
67) Ethyl Benzene	10.25	91	100207	8.733	ug/l	97
68) m/p-Xylenes	10.35	106	223433	50.254	ug/l	100
69) o-Xylene	10.69	106	62171	14.219	ug/l	100
73) Isopropylbenzene	11.02	105	31635	2.869	ug/l	96
78) n-propylbenzene	11.36	91	37557	3.100	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	107850	11.867	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	318084	34.835	ug/l	99
85) sec-Butylbenzene	11.94	105	6183m	0.577	ug/l	
86) p-Isopropyltoluene	12.06	119	6918	0.698	ug/l	90
95) Naphthalene	13.83	128	50345	4.423	ug/l	98

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

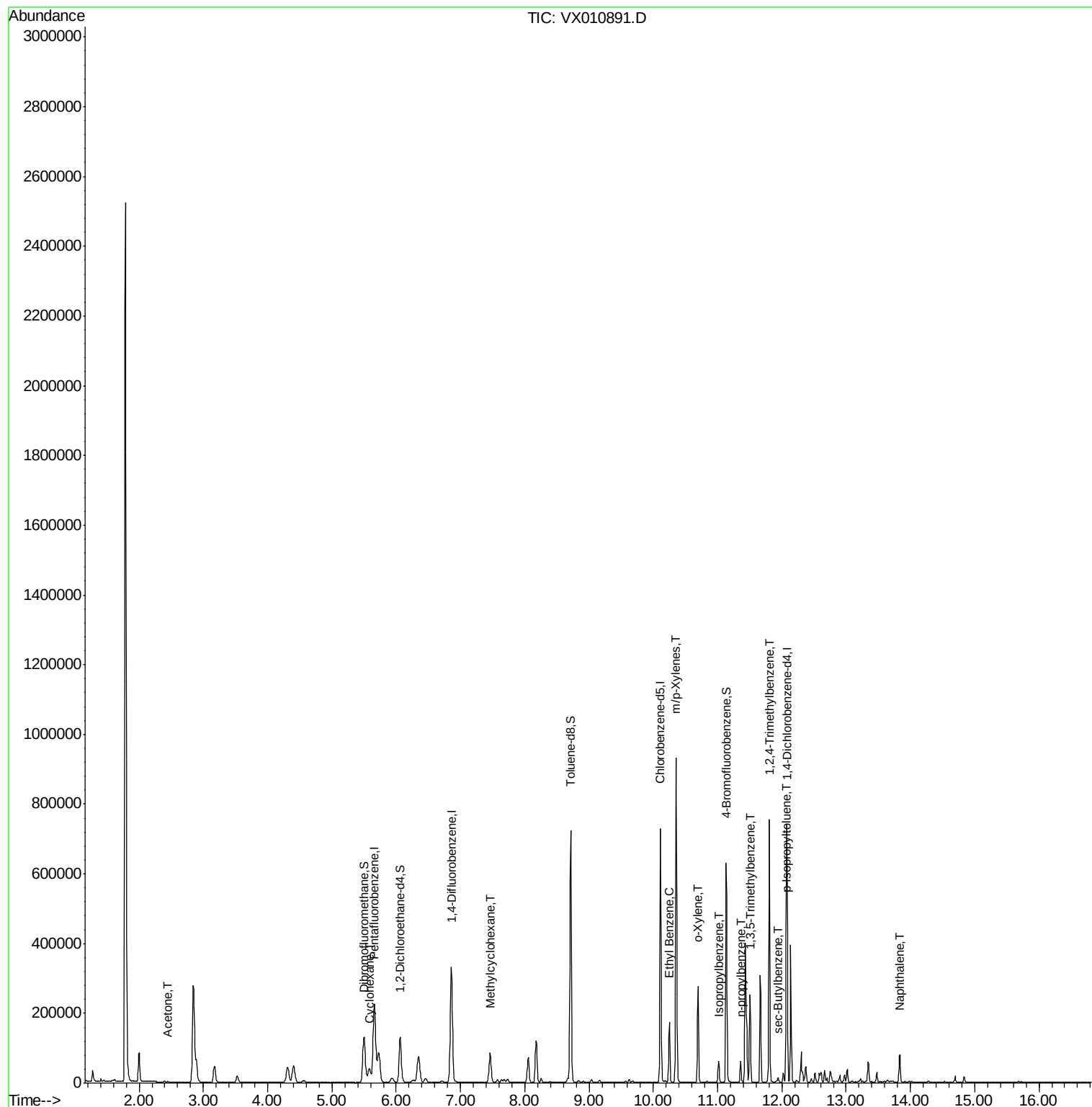
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071519\
Data File : VX010891.D
Acq On : 15 Jul 2019 17:47
Operator : JC/SP
Sample : K3786-07DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

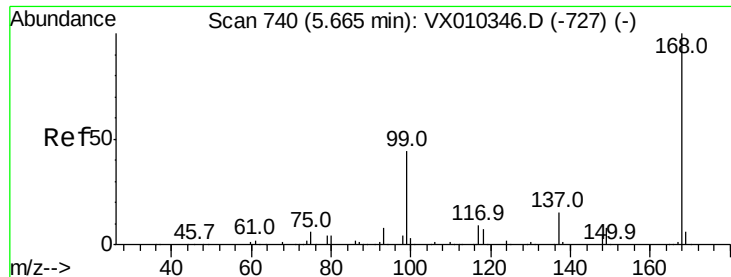
Instrument :
MSVOA_X
ClientSampleId :
FL-0597DL

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Quant Time: Jul 16 03:44:35 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: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampled :

FL-0597DL

Tot Ion:168 Resp: 229302

Ion Ratio Lower Upper

168 100

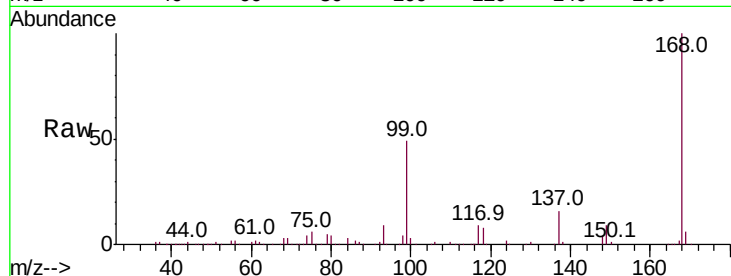
99 49.3 35.5 53.3

Manual Integrations

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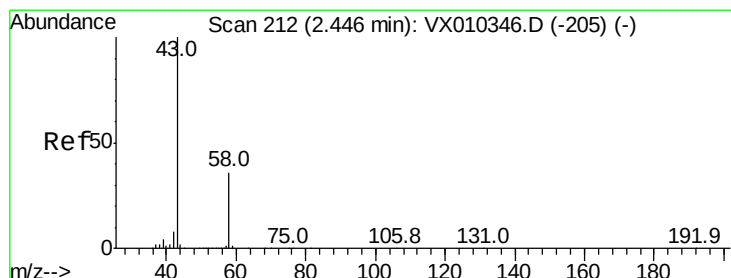
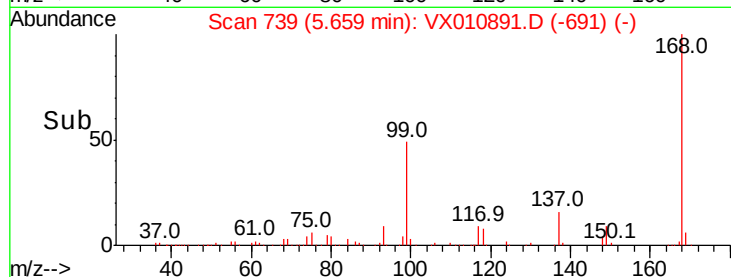
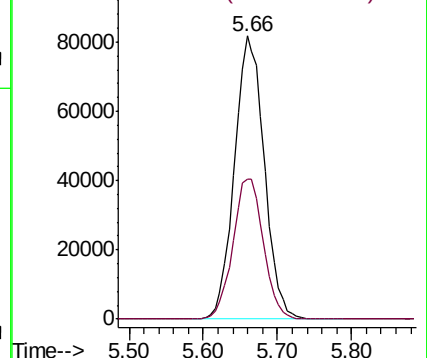
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.042 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010891.D

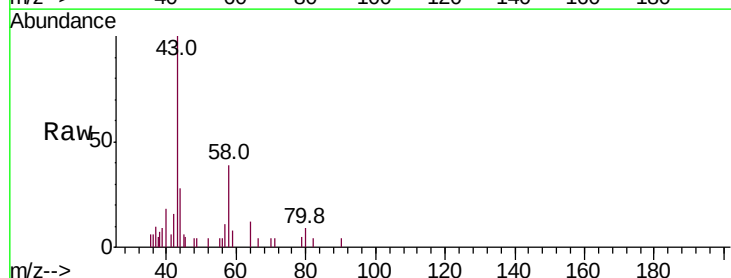
Acq: 15 Jul 2019 17:47

Tgt Ion: 43 Resp: 2200

Ion Ratio Lower Upper

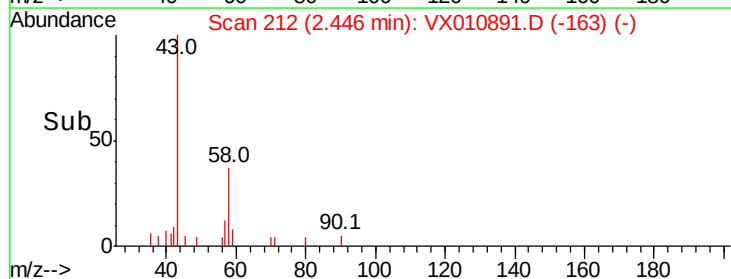
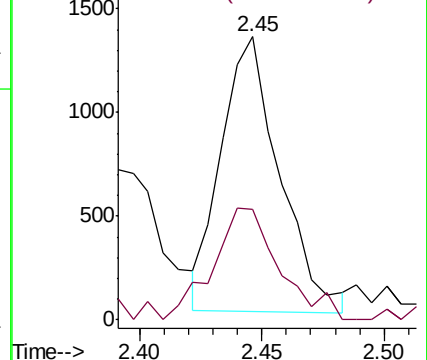
43 100

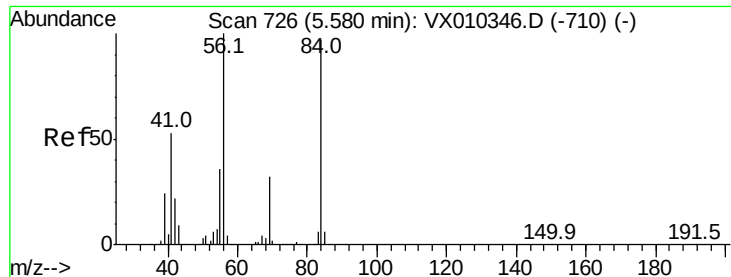
58 43.4 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#31

Cyclohexane

Concen: 9.034 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

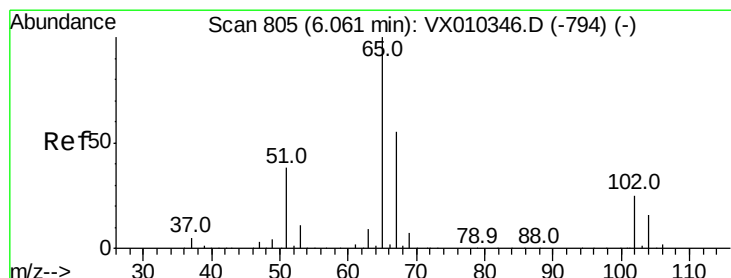
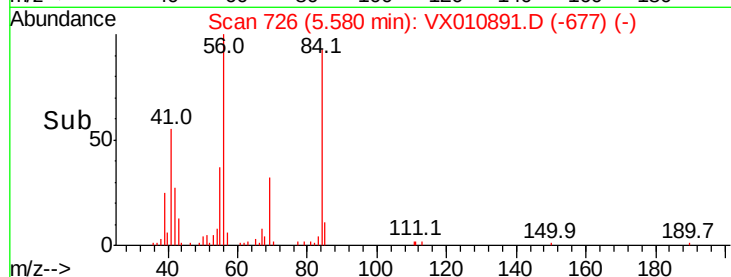
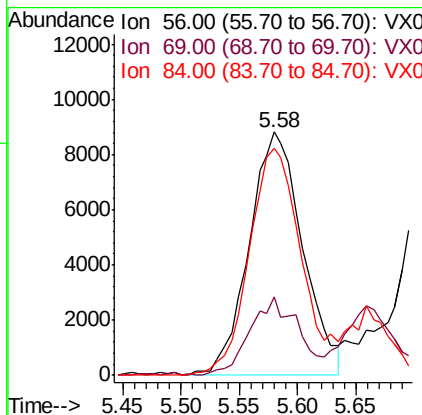
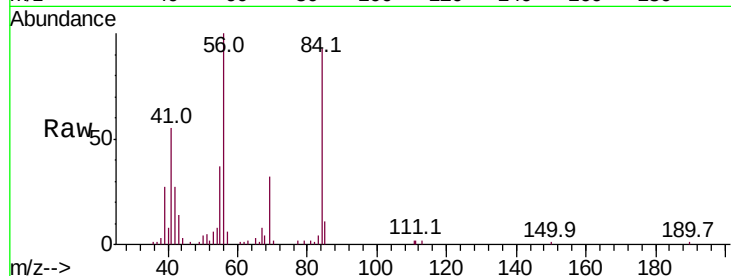
ClientSampleId :

FL-0597DL

Tot Ion:	56	Resp:	28055
Ion Ratio	Lower	Upper	
56	100		
69	31.3	25.9	38.9
84	93.3	78.0	117.0

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#33

1,2-Dichloroethane-d4

Concen: 55.379 ug/l

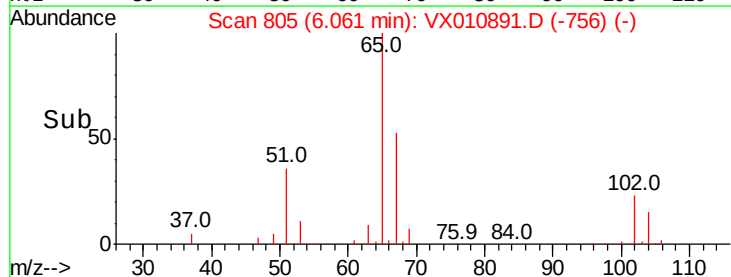
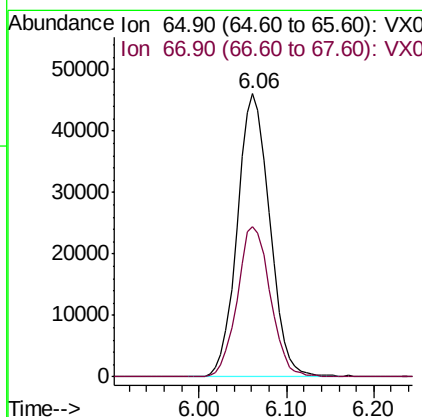
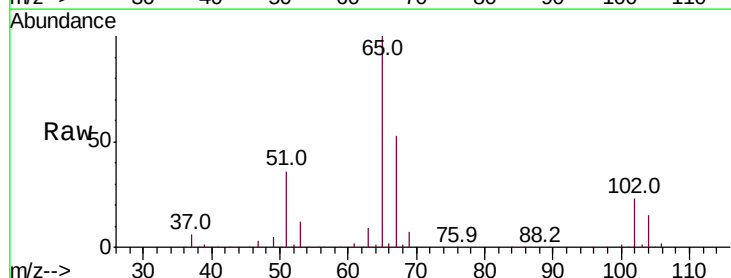
RT: 6.06 min Scan# 805

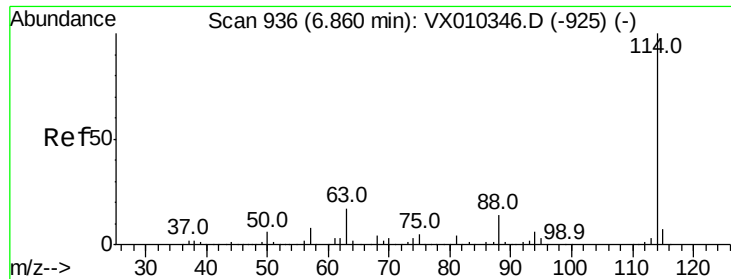
Delta R.T. 0.00 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Tgt Ion:	65	Resp:	119061
Ion Ratio	Lower	Upper	
65	100		
67	54.3	0.0	110.2





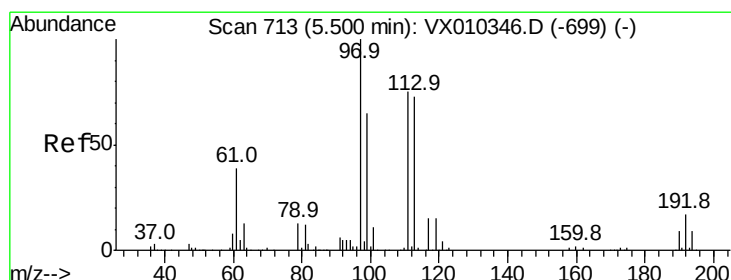
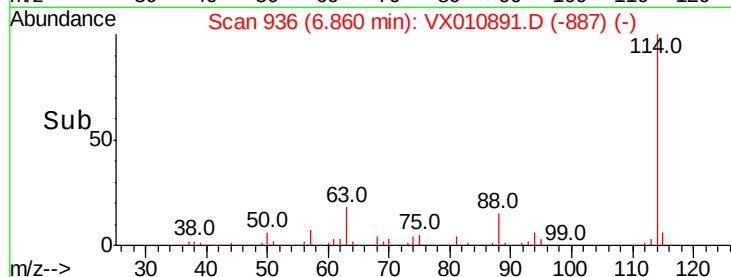
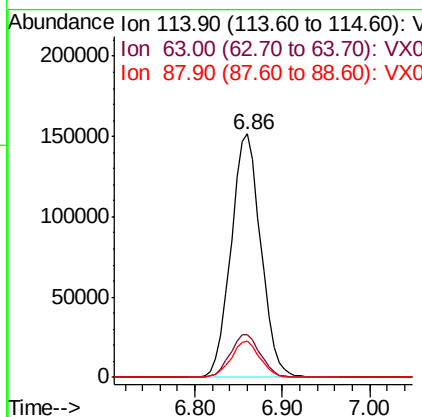
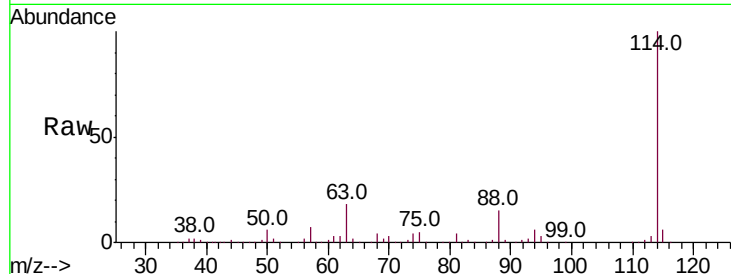
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010891.D
 Acq: 15 Jul 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0597DL

Tot Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.6	0.0	33.8	
88	15.0	0.0	27.6	

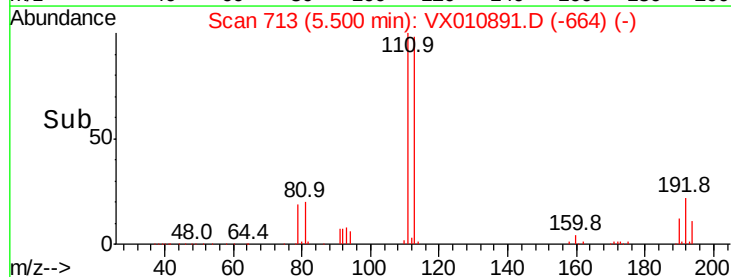
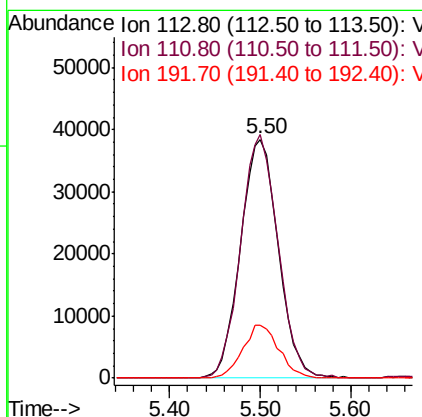
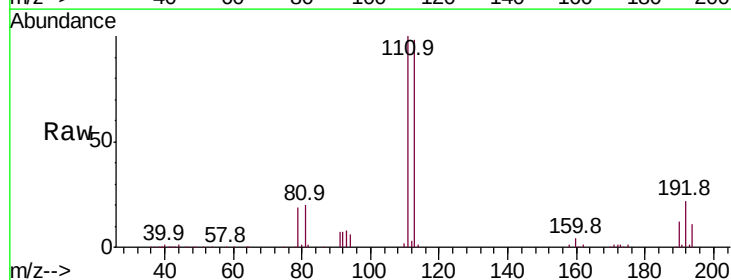
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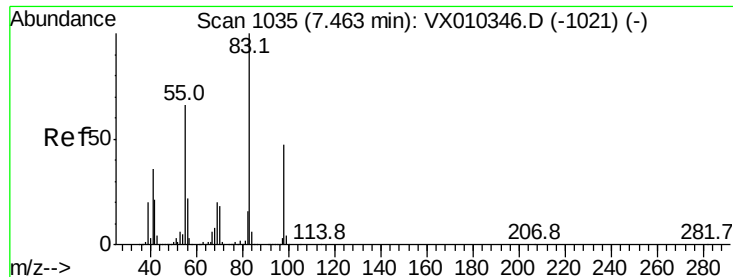
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#35
 Dibromofluoromethane
 Concen: 50.530 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010891.D
 Acq: 15 Jul 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
111	100.9	81.2	121.8	
192	21.5	18.6	27.8	





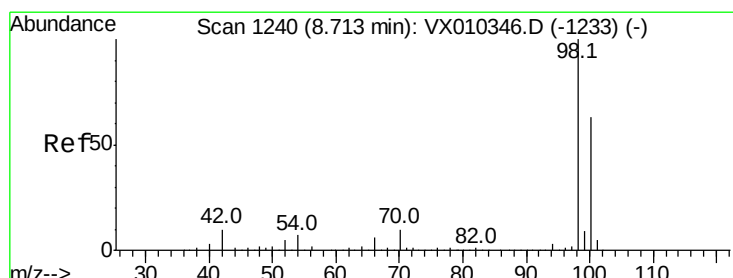
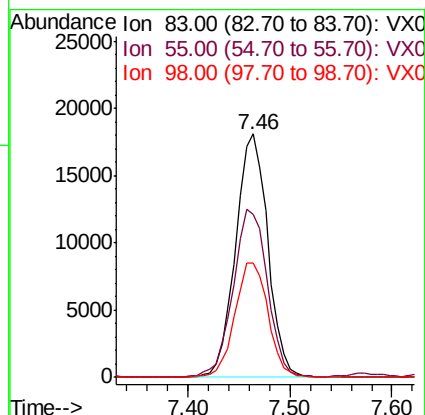
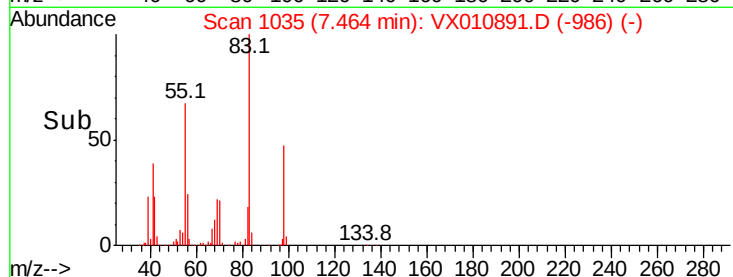
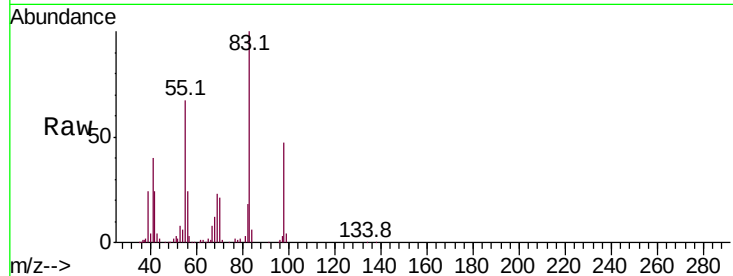
#39
Methylvlcyclohexane
Concen: 10.556 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
FL-0597DL

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	66.4	53.0	79.6	
98	46.7	37.8	56.8	

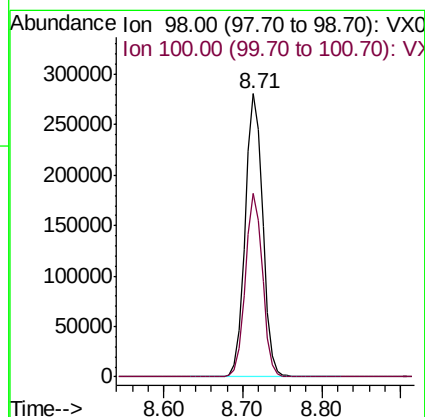
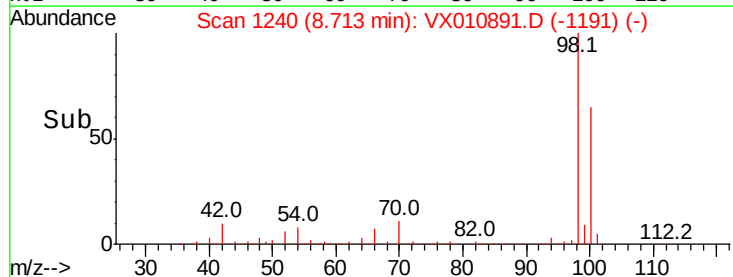
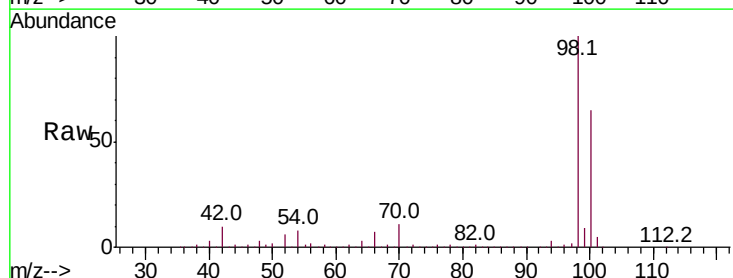
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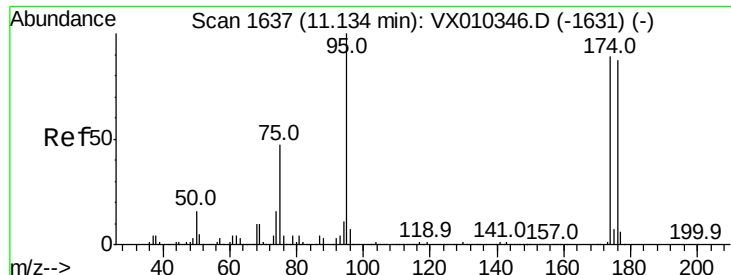
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#50
Toluene-d8
Concen: 51.613 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	63.5	51.6	77.4	





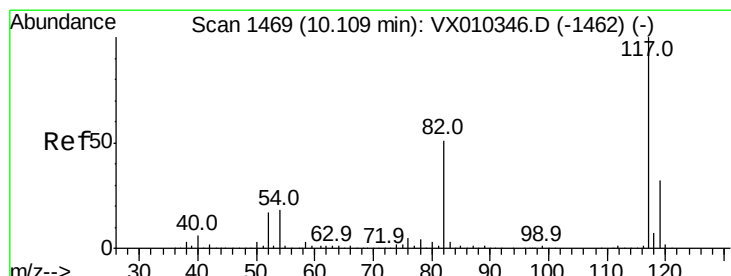
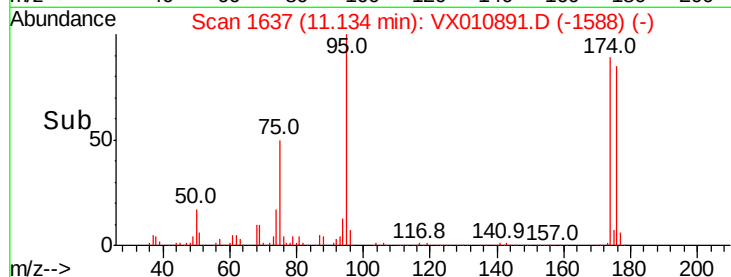
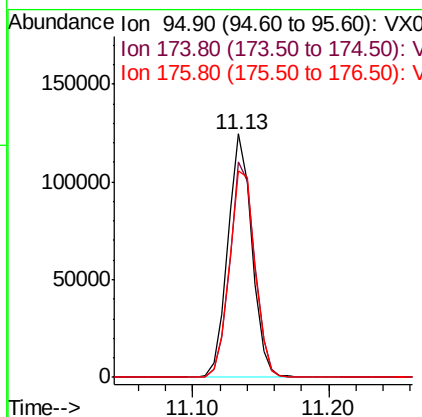
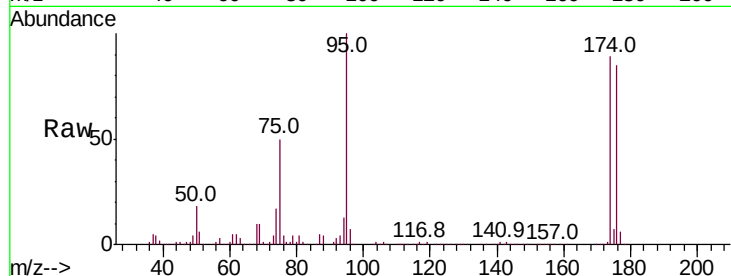
#62
4-Bromofluorobenzene
Concen: 50.656 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
FL-0597DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100			
174	91.1	0.0	187.6	
176	90.3	0.0	184.0	

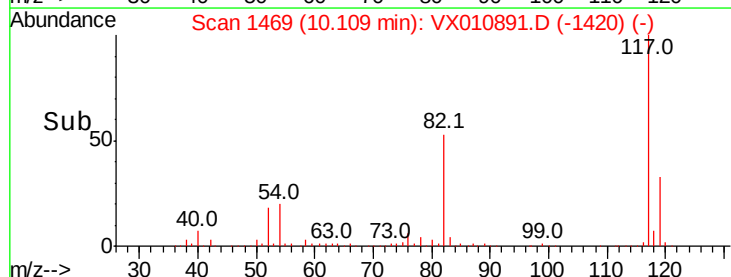
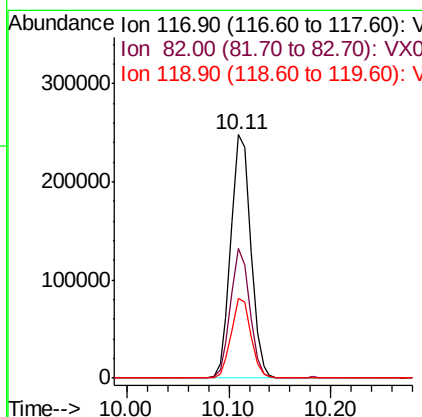
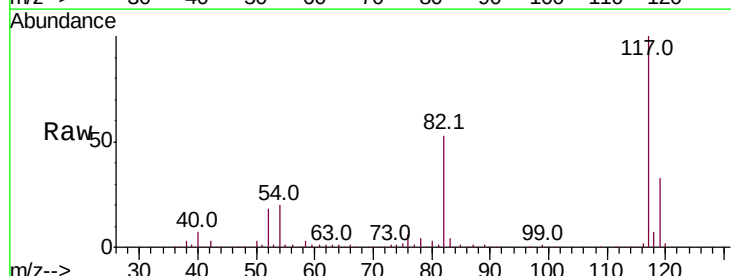
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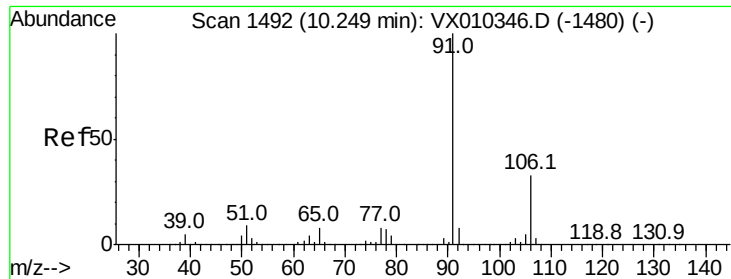
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
82	53.4	41.2	61.8	
119	32.8	25.5	38.3	





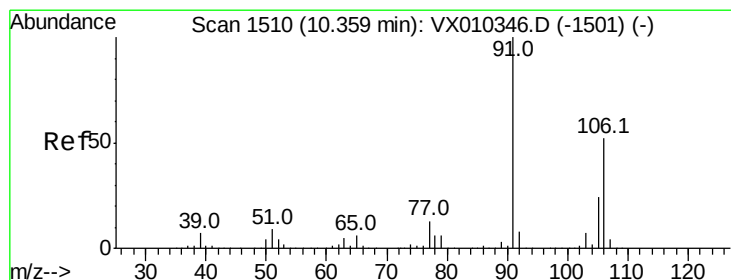
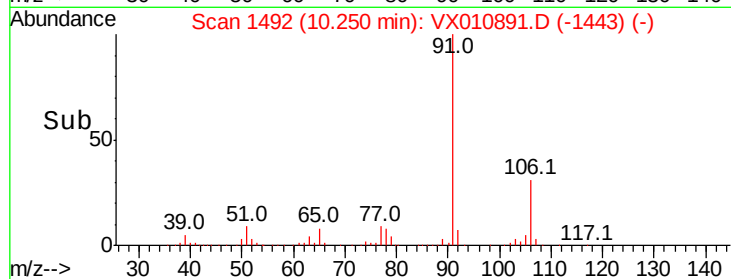
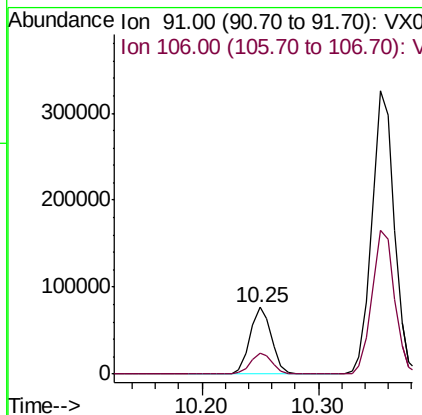
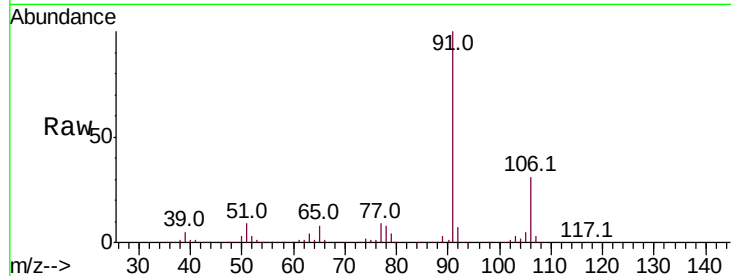
#67
Ethyl Benzene
Concen: 8.733 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Instrument :
MSVOA_X
ClientSampled :
FL-0597DL

Tot Ion: 91 Resp: 100207
Ion Ratio Lower Upper
91 100
106 31.1 26.2 39.2

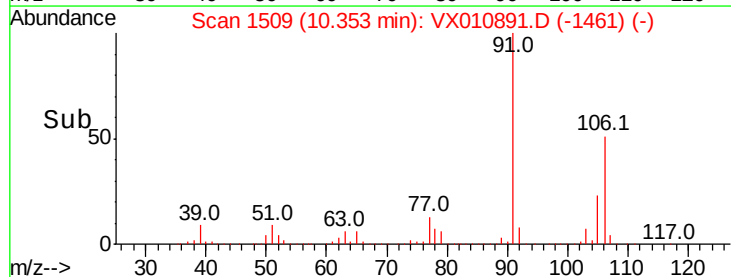
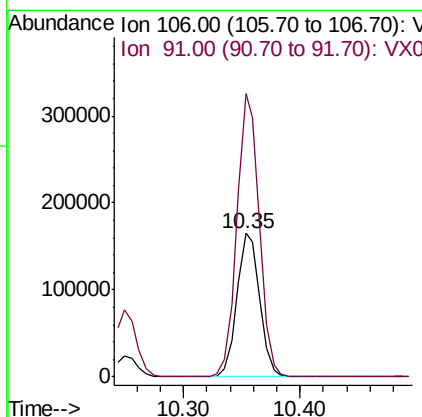
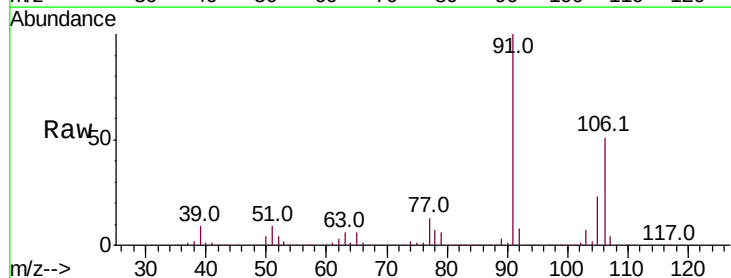
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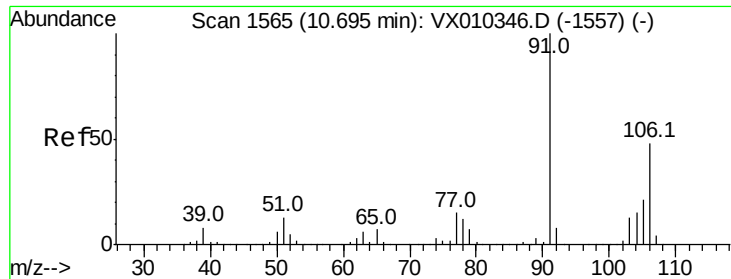
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#68
m/p-Xylenes
Concen: 50.254 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Tgt Ion: 106 Resp: 223433
Ion Ratio Lower Upper
106 100
91 194.5 155.3 232.9





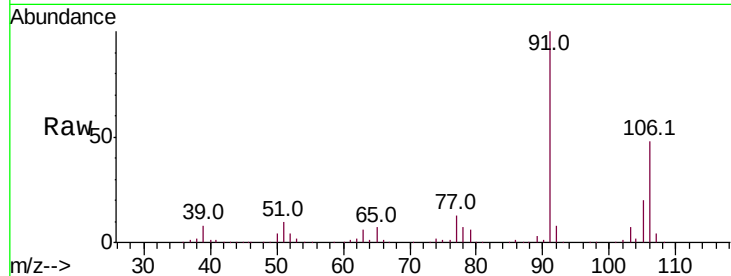
#69
o-Xylene
Concen: 14.219 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Instrument :
MSVOA_X
ClientSampled :
FL-0597DL

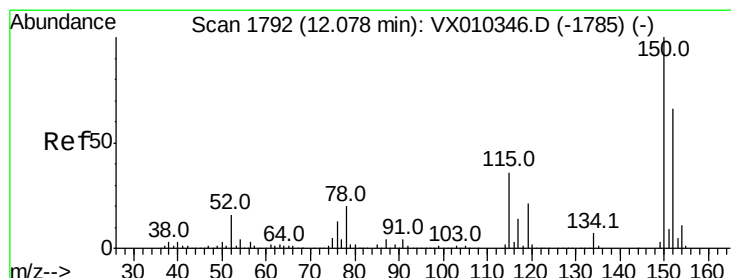
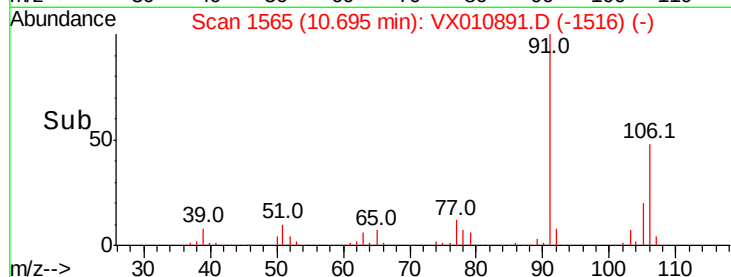
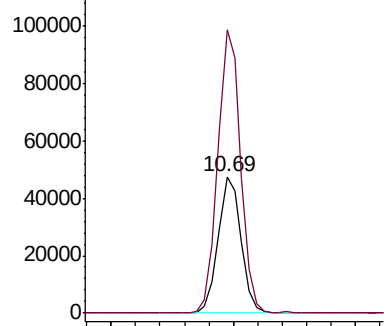
Tot Ion:106 Resp: 62171
Ion Ratio Lower Upper
106 100
91 205.4 102.7 308.1

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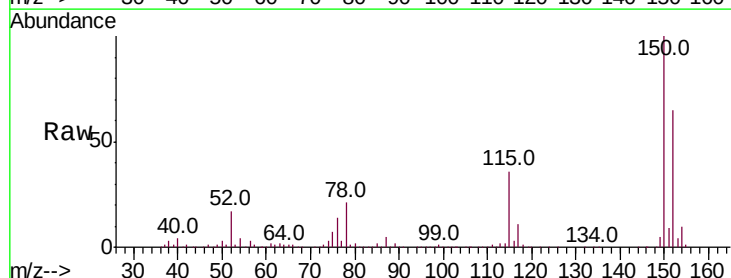


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

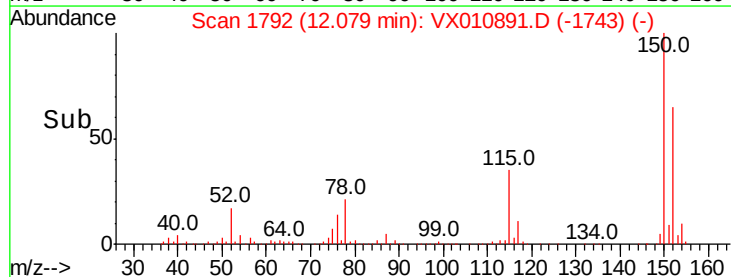
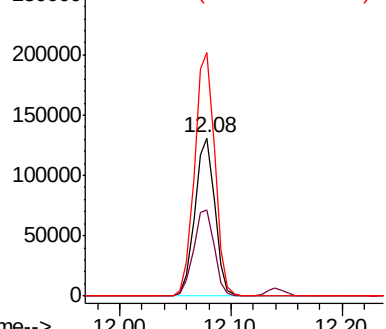


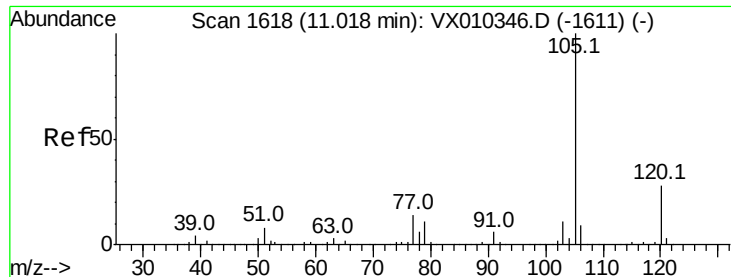
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Tgt Ion:152 Resp: 162635
Ion Ratio Lower Upper
152 100
115 56.2 38.6 115.7
150 155.7 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.869 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010891.D

Acq: 15 Jul 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

FL-0597DL

Tot Ion: 105 Resp: 31635

Ion Ratio Lower Upper

105 100

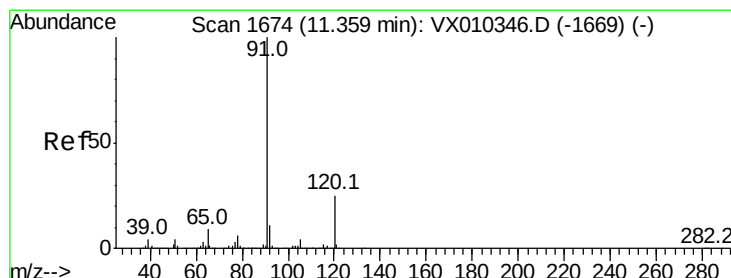
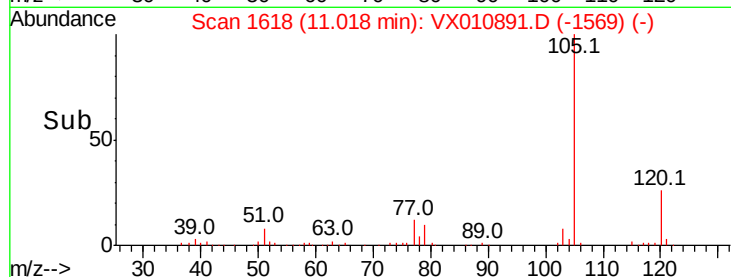
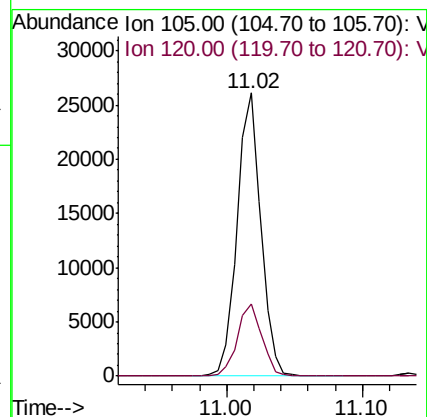
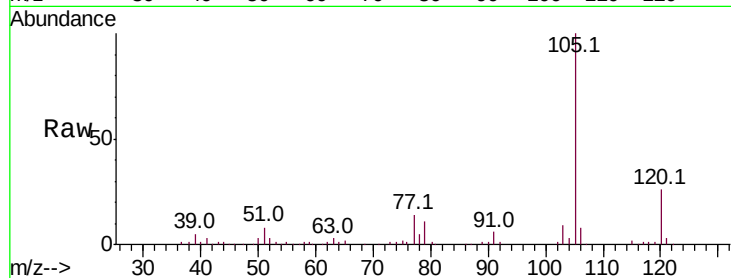
120 26.3 14.1 42.4

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#78

n-propylbenzene

Concen: 3.100 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010891.D

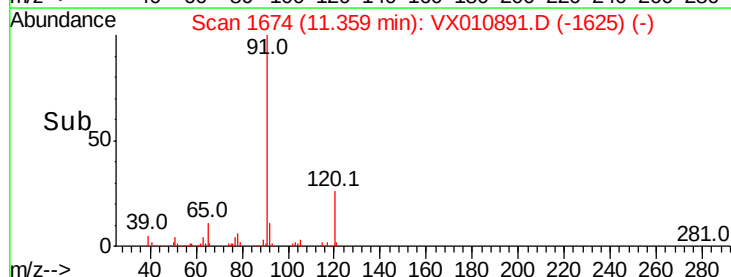
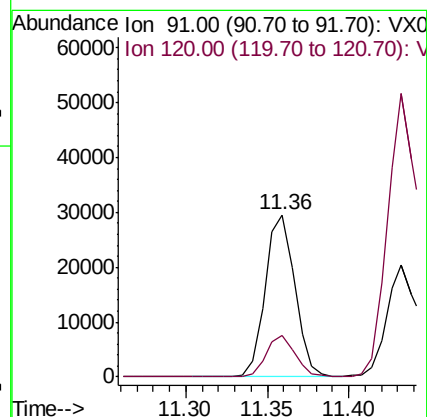
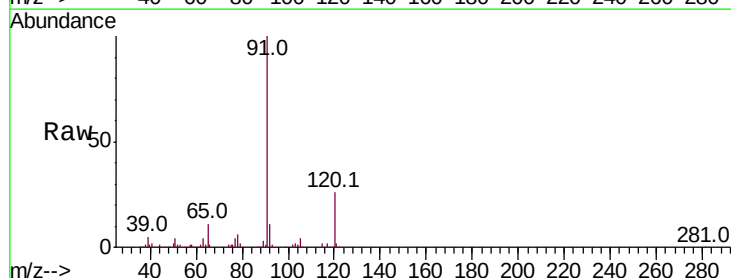
Acq: 15 Jul 2019 17:47

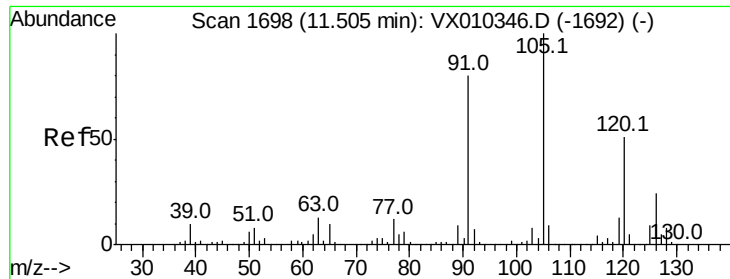
Tgt Ion: 91 Resp: 37557

Ion Ratio Lower Upper

91 100

120 24.8 12.4 37.4





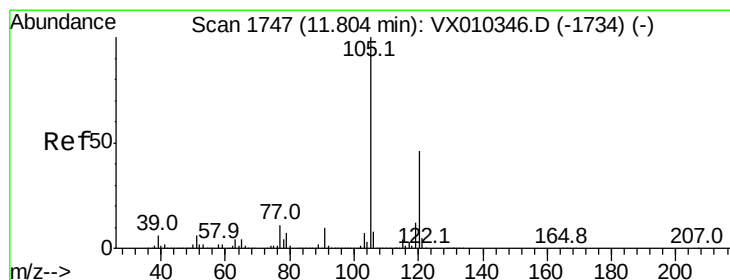
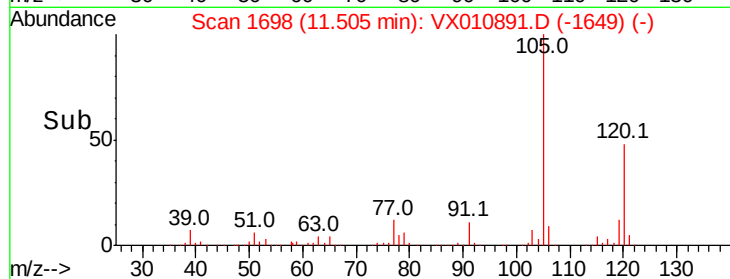
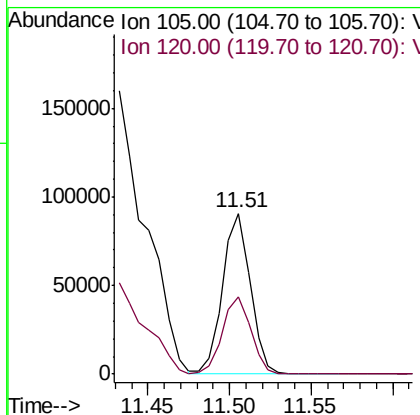
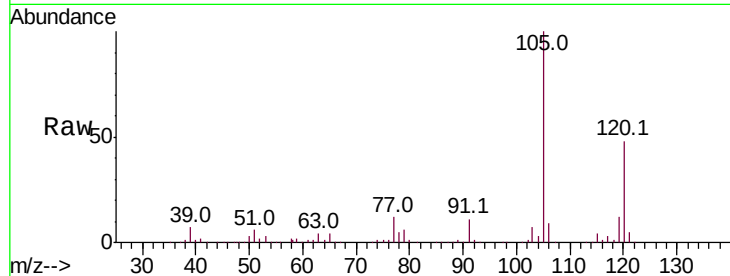
#80
 1,3,5-Trimethylbenzene
 Concen: 11.867 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010891.D
 Acq: 15 Jul 2019 17:47

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0597DL

Tot Ion:105 Resp: 107850
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.2 75.6

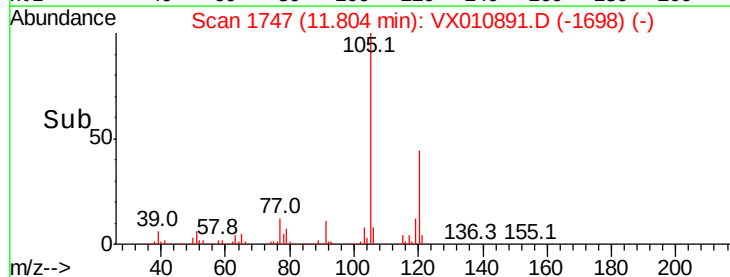
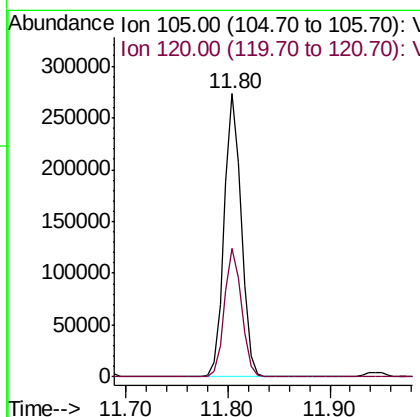
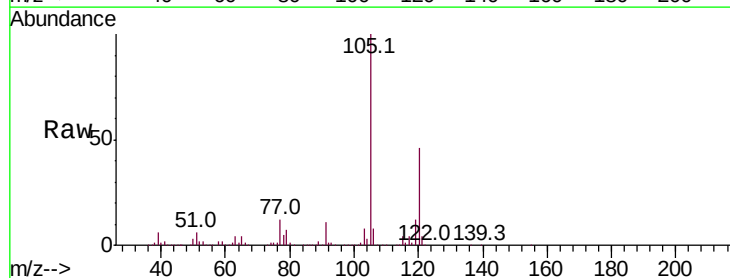
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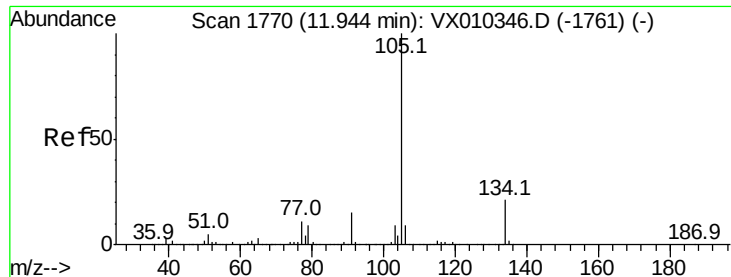
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#84
 1,2,4-Trimethylbenzene
 Concen: 34.835 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010891.D
 Acq: 15 Jul 2019 17:47

Tgt Ion:105 Resp: 318084
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2





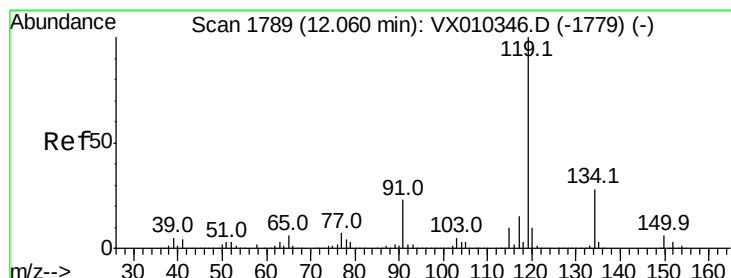
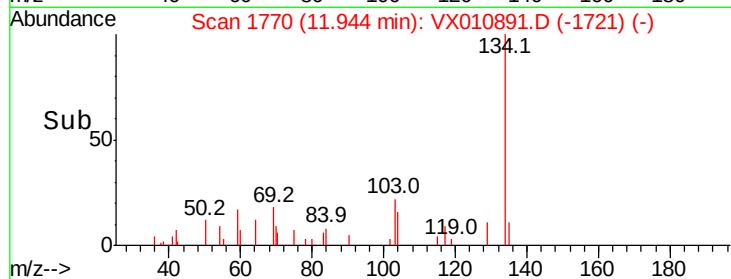
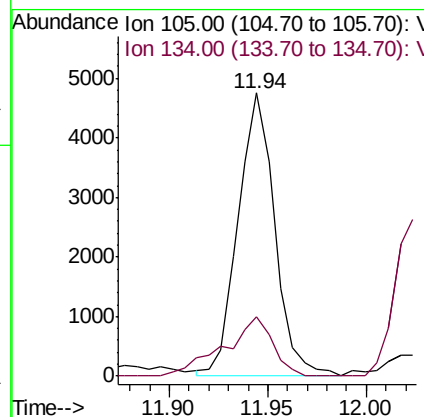
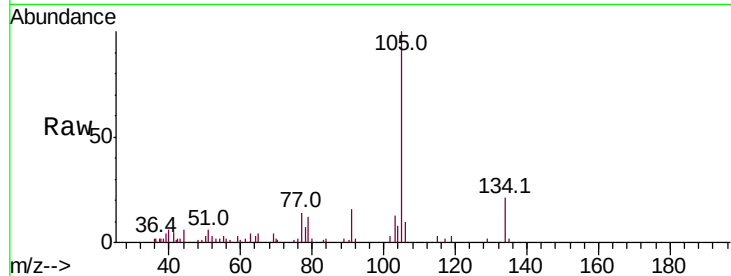
#85
 sec-Butylbenzene
 Concen: 0.577 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010891.D
 Acq: 15 Jul 2019 17:47

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0597DL

Tot Ion:105 Resp: 6183
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#

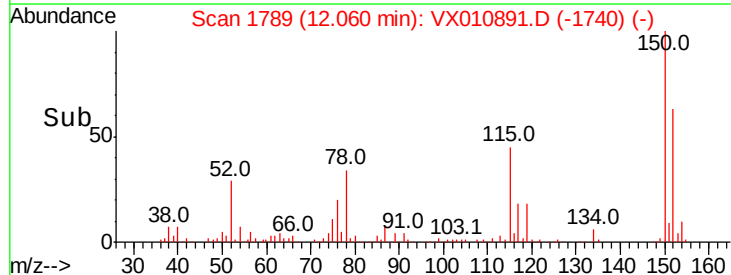
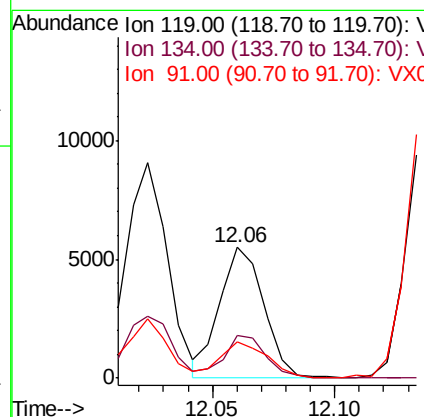
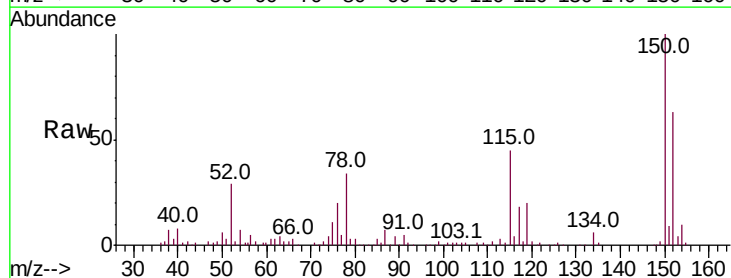
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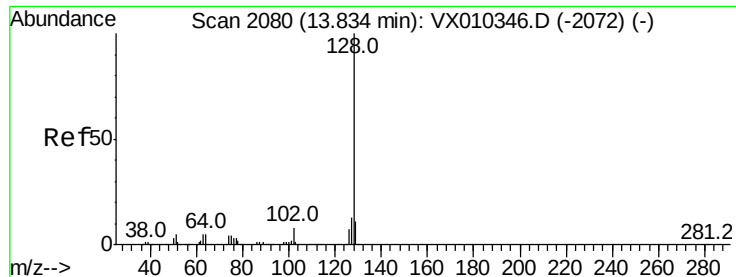
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#86
 p-Isopropyltoluene
 Concen: 0.698 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010891.D
 Acq: 15 Jul 2019 17:47

Tgt Ion:119 Resp: 6918
 Ion Ratio Lower Upper
 119 100
 134 31.0 13.7 41.1
 91 29.3 11.3 33.8





#95
Naphthalene
Concen: 4.423 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010891.D
Acq: 15 Jul 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
FL-0597DL

Tot Ion:	128	Resp:	50345
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.2	15.4
129	11.5	8.9	13.3

Manual Integrations
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