

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
 Data File : VX010944.D
 Acq On : 17 Jul 2019 18:26
 Operator : JC/SP
 Sample : K3791-17DL 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0611DL

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 10:58:21 AM

Quant Time: Jul 18 04:00:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	320797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117423	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	5.50	113	107650	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	8.71	98	415786	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	151383	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.58	56	40123	12.682	ug/l	98
39) Methylcyclohexane	7.46	83	21488	5.854	ug/l	98
52) Toluene	8.79	92	20813	3.654	ug/l	98
67) Ethyl Benzene	10.25	91	246326	21.964	ug/l	99
68) m/p-Xylenes	10.35	106	359203	83.496	ug/l	100
69) o-Xylene	10.69	106	45315	10.793	ug/l	100
73) Isopropylbenzene	11.02	105	20713	1.980	ug/l	98
78) n-propylbenzene	11.36	91	21466	1.857	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	30926	3.538	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	90973	10.325	ug/l	98
85) sec-Butylbenzene	11.94	105	3280	0.326	ug/l	91
86) p-Isopropyltoluene	12.06	119	3295m	0.354	ug/l	
89) n-Butylbenzene	12.39	91	2892m	0.363	ug/l	
95) Naphthalene	13.83	128	35964	3.621	ug/l	99

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

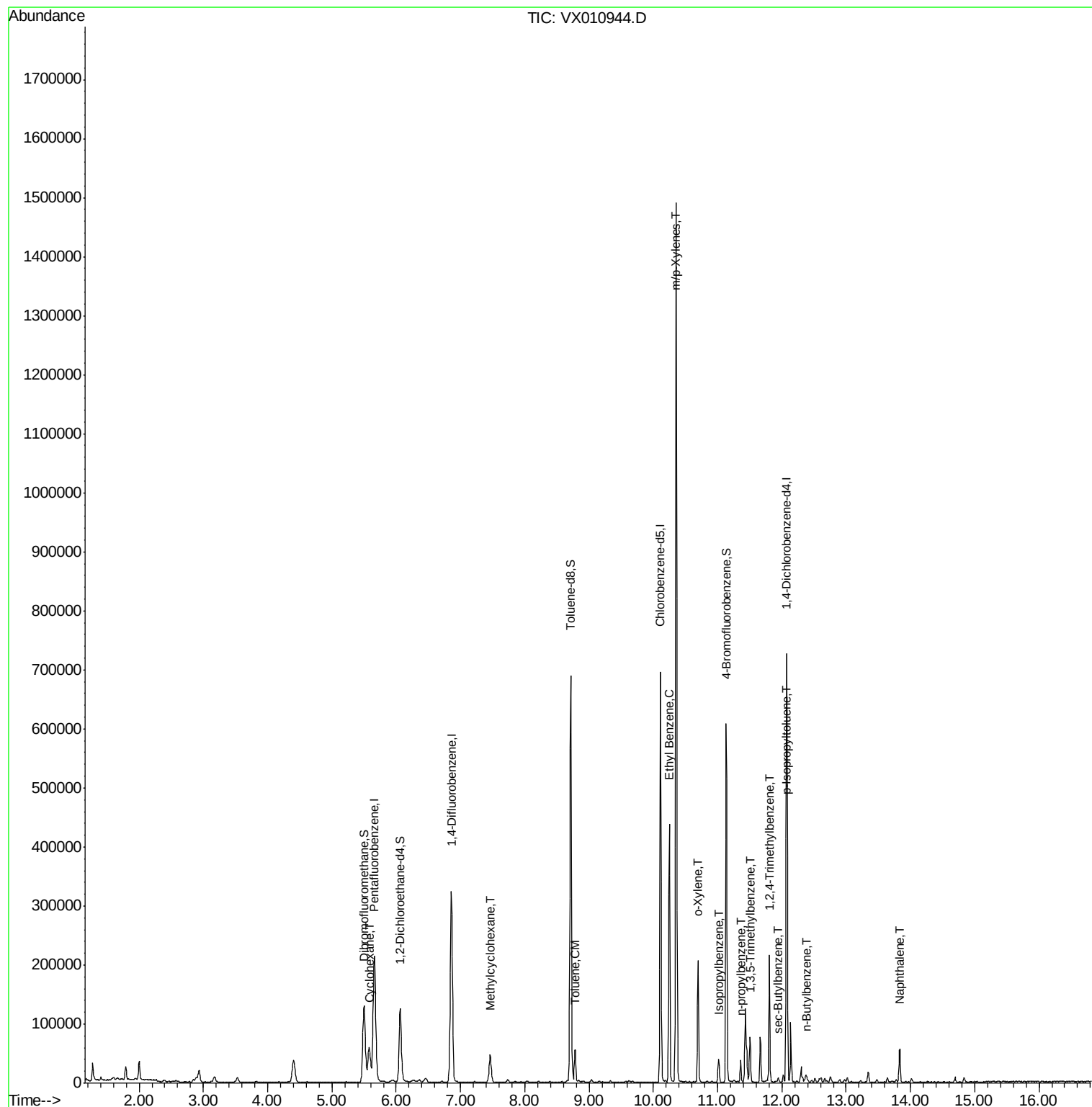
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071719\
Data File : VX010944.D
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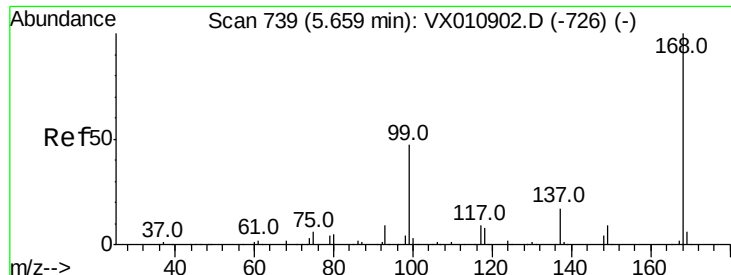
Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

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Quant Time: Jul 18 04:00:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010944.D

Acq: 17 Jul 2019 18:26

Instrument :

MSVOA_X

ClientSampled :

FL-0611DL

Tot Ion:168 Resp: 219031

Ion Ratio Lower Upper

168 100

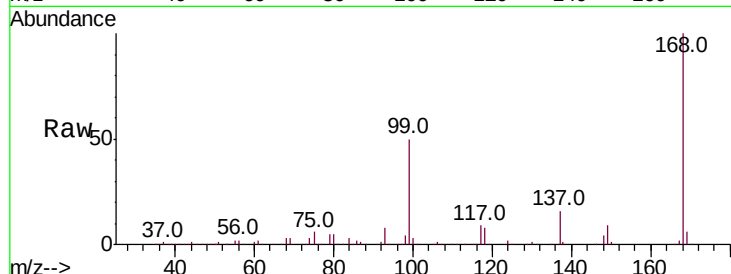
99 50.1 37.6 56.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

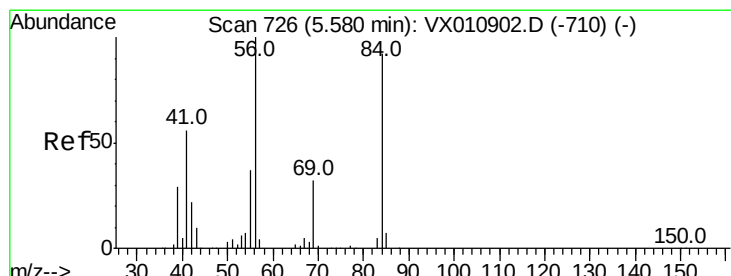
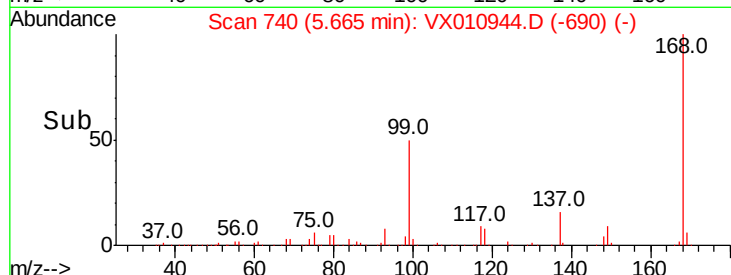
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 12.682 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010944.D

Acq: 17 Jul 2019 18:26

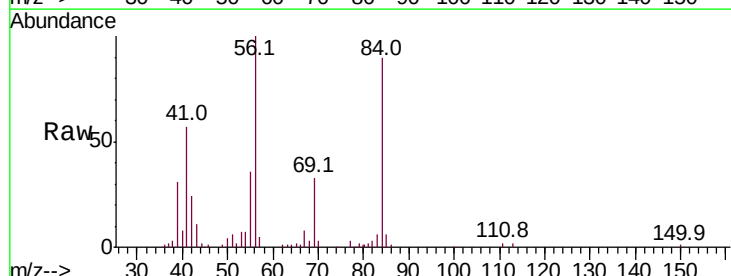
Tgt Ion: 56 Resp: 40123

Ion Ratio Lower Upper

56 100

69 33.4 25.8 38.8

84 90.3 73.8 110.6



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

15000

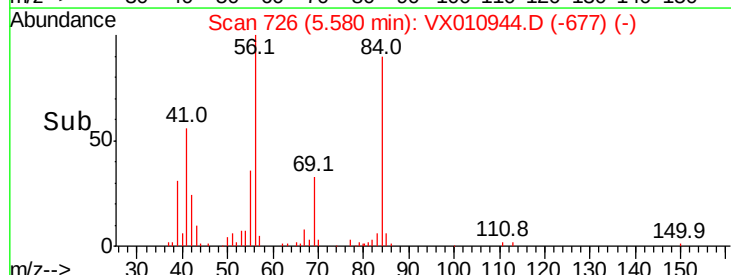
10000

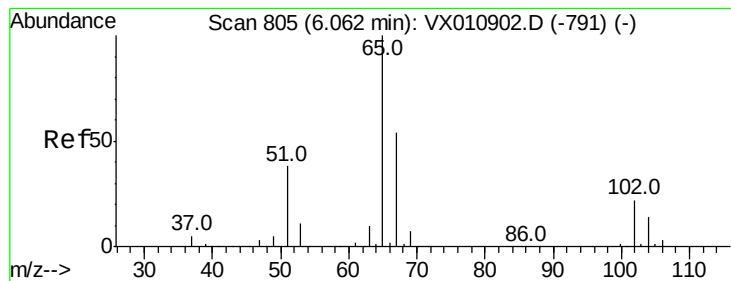
5000

0

Time-->

5.50 5.60





#33

1,2-Dichloroethane-d4

Concen: 50.393 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010944.D

Acq: 17 Jul 2019 18:26

Instrument :

MSVOA_X

ClientSampled :

FL-0611DL

Tot Ion: 65 Resp: 117423

Ion Ratio Lower Upper

65 100

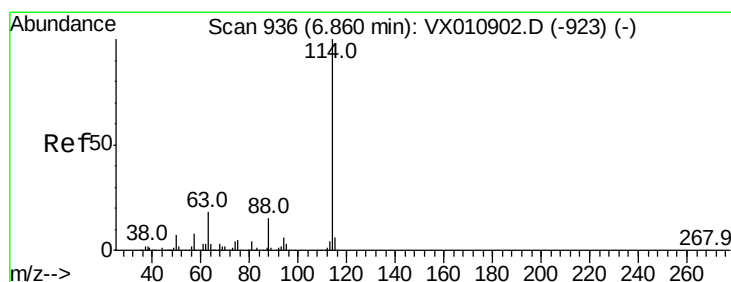
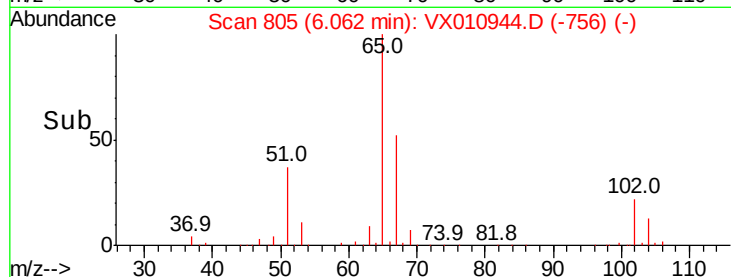
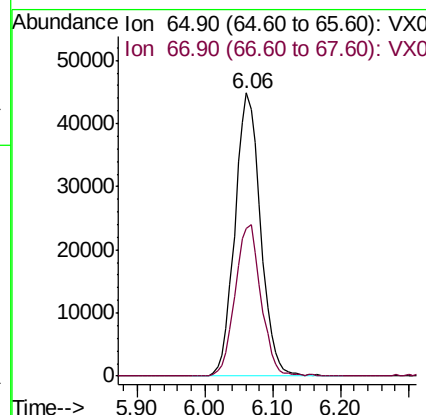
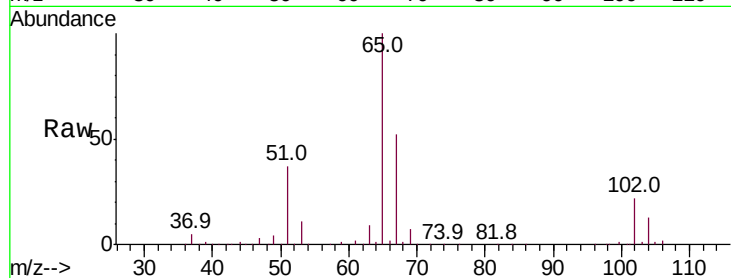
67 53.7 0.0 107.8

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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: VX010944.D

Acq: 17 Jul 2019 18:26

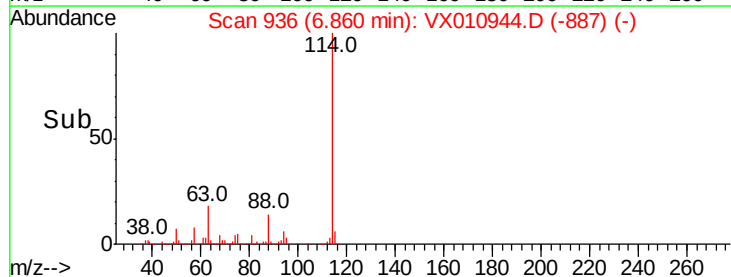
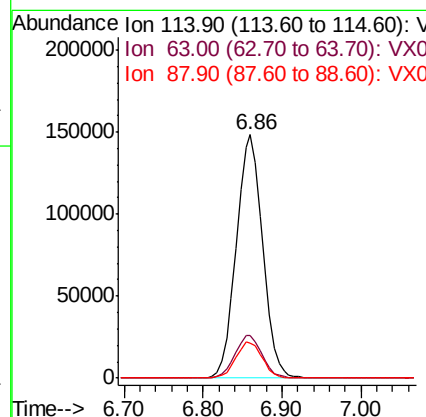
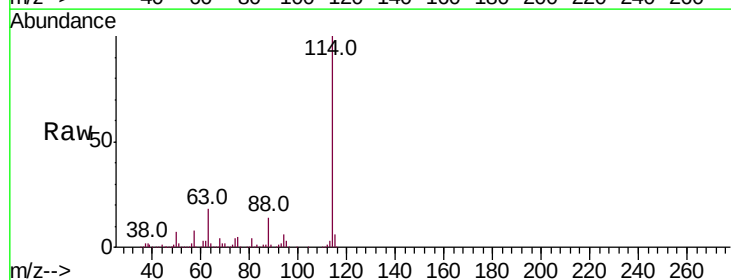
Tgt Ion: 114 Resp: 344588

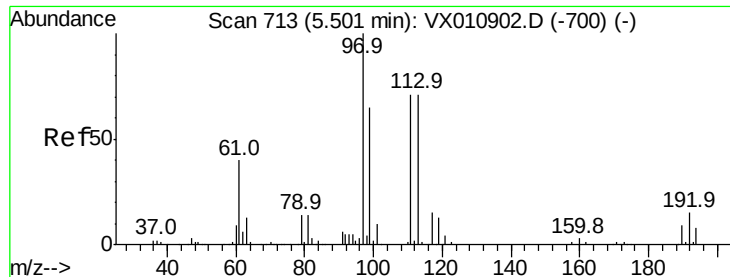
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

88 14.2 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.219 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010944.D

Acq: 17 Jul 2019 18:26

Instrument :

MSVOA_X

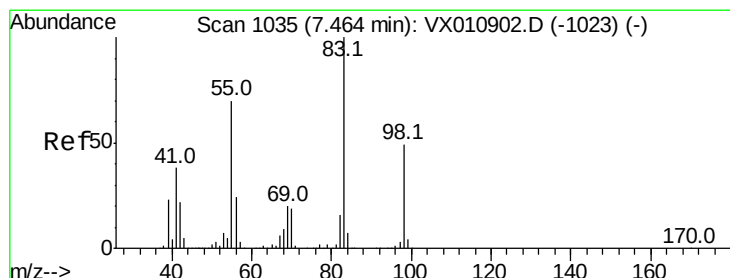
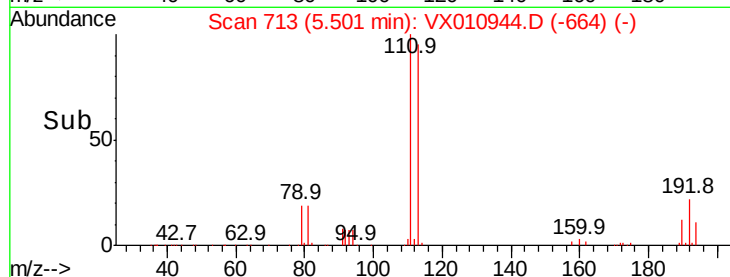
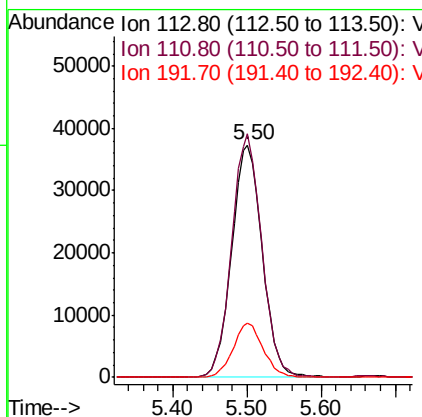
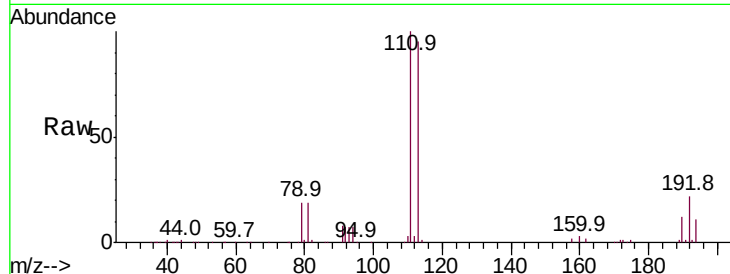
ClientSampled :

FL-0611DL

Tot Ion:	113	Resp:	107650
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.3	123.5
192	22.7	17.4	26.2

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#39

Methylcyclohexane

Concen: 5.854 ug/l

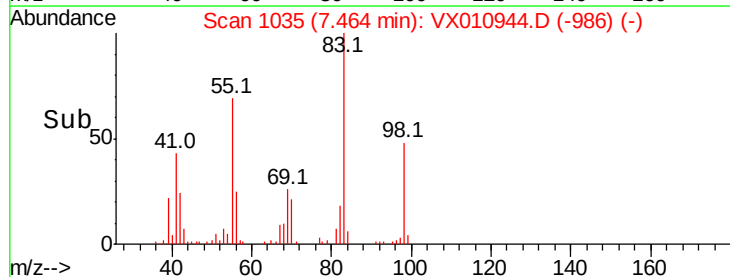
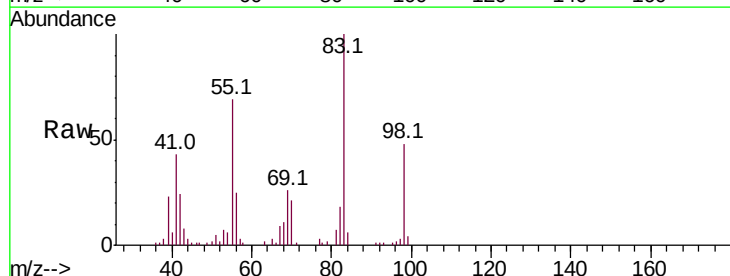
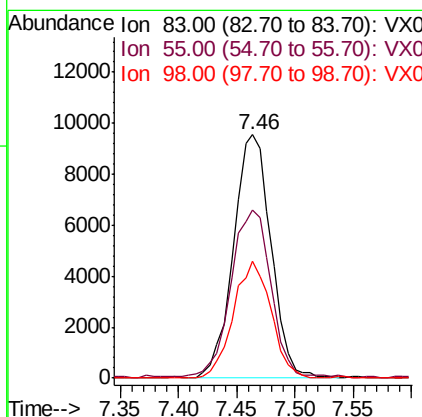
RT: 7.46 min Scan# 1035

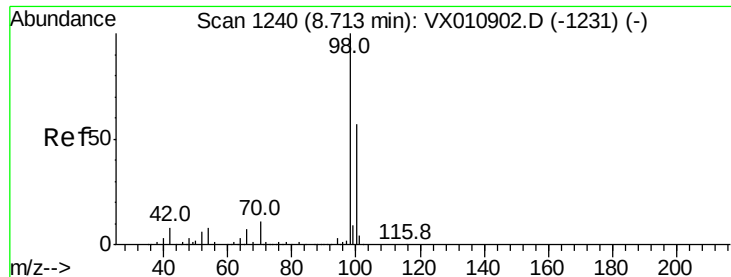
Delta R.T. -0.00 min

Lab File: VX010944.D

Acq: 17 Jul 2019 18:26

Tgt Ion:	83	Resp:	21488
Ion Ratio	Lower	Upper	
83	100		
55	68.0	56.2	84.4
98	48.1	39.0	58.4





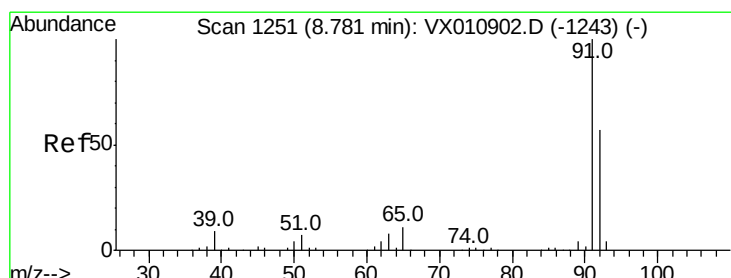
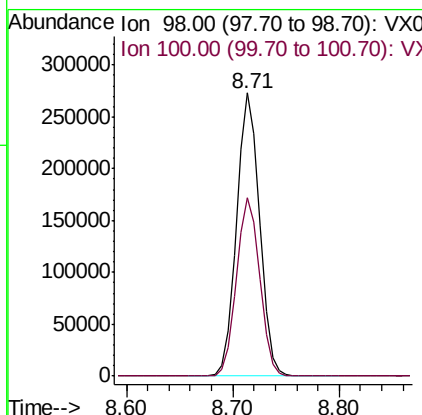
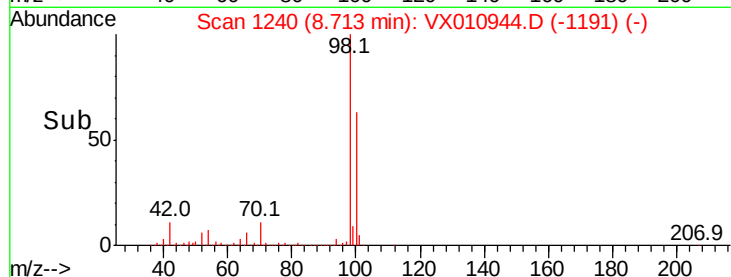
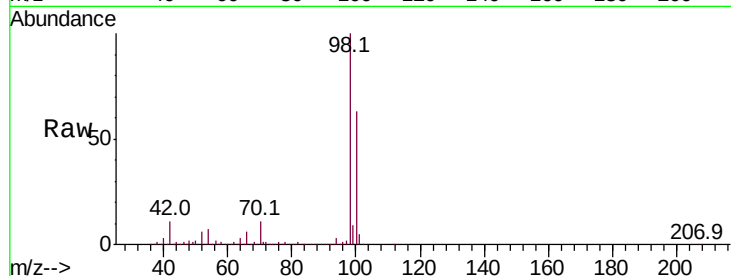
#50
Toluene-d8
Concen: 50.685 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010944.D
Acq: 17 Jul 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tot Ion: 98 Resp: 415786
Ion Ratio Lower Upper
98 100
100 63.7 50.6 75.8

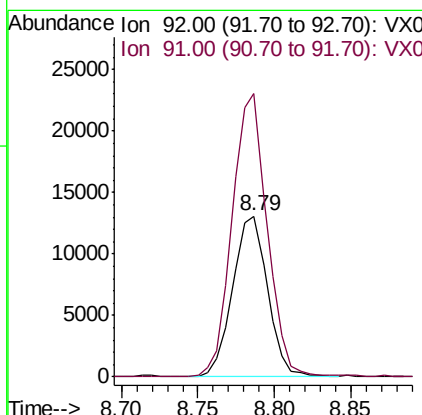
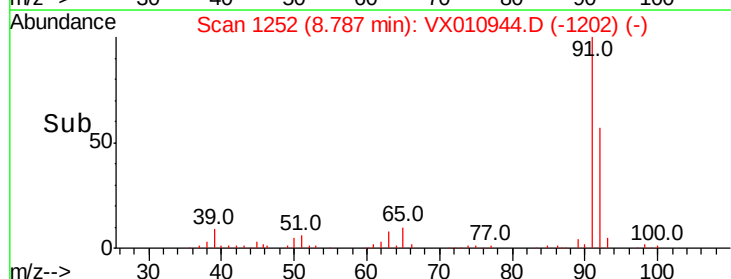
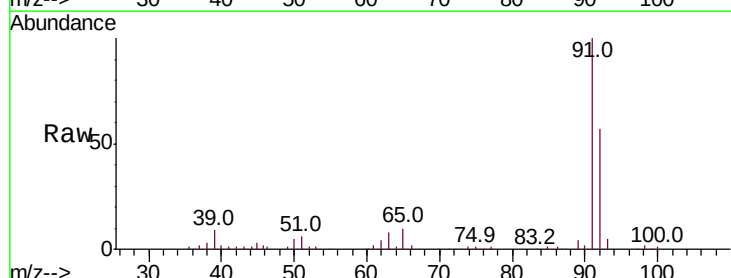
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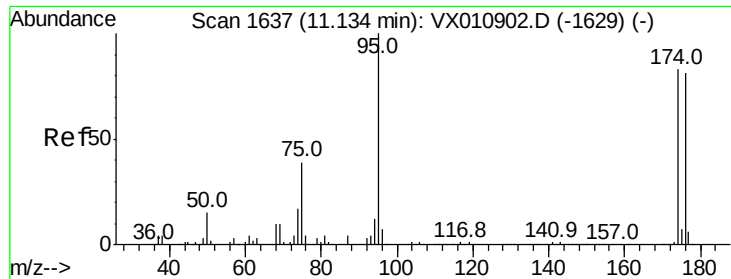
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#52
Toluene
Concen: 3.654 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010944.D
Acq: 17 Jul 2019 18:26

Tgt Ion: 92 Resp: 20813
Ion Ratio Lower Upper
92 100
91 176.6 139.4 209.0





#62

4-Bromofluorobenzene

Concen: 50.205 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010944.D

Acq: 17 Jul 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

FL-0611DL

Tot Ion: 95 Resp: 151383

Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.6

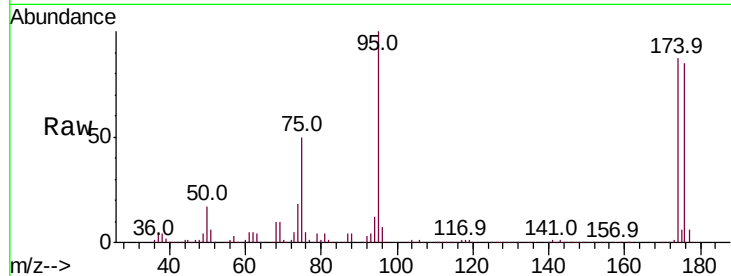
176 87.1 0.0 173.8

Manual Integrations

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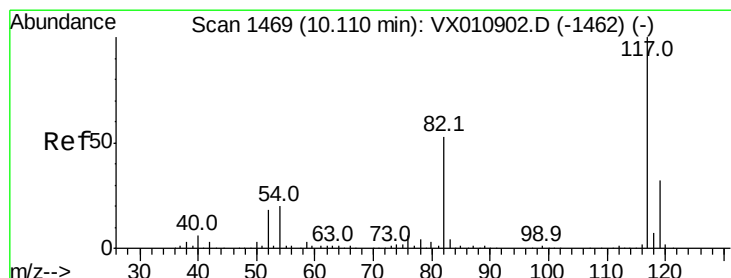
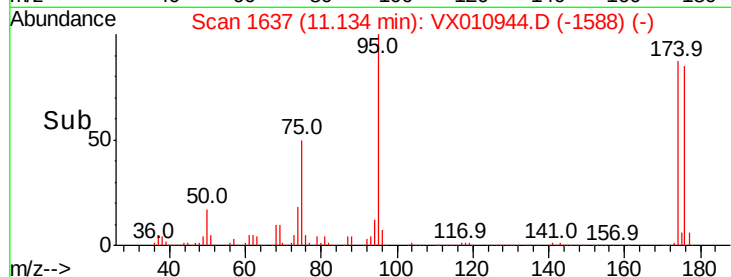
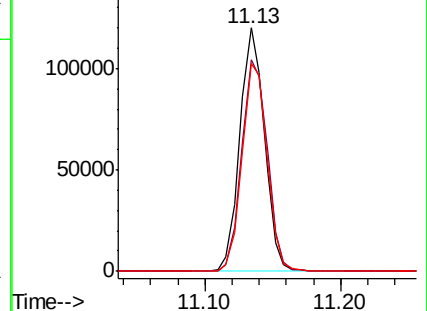
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Abundance Ion 94.90 (94.60 to 95.60): VX010902.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX010902.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX010902.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010944.D

Acq: 17 Jul 2019 18:26

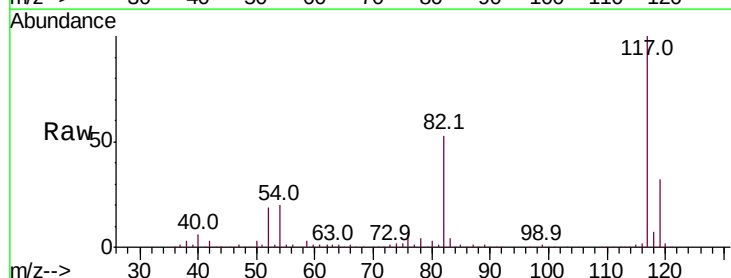
Tgt Ion: 117 Resp: 320797

Ion Ratio Lower Upper

117 100

82 53.4 42.6 63.8

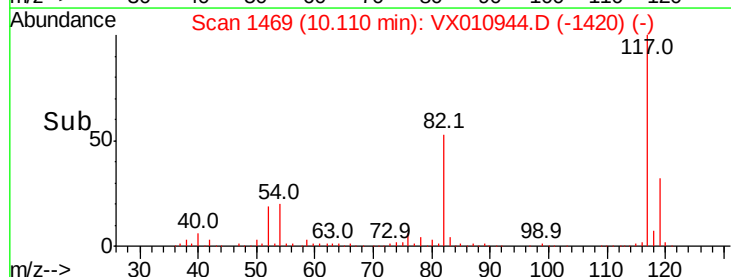
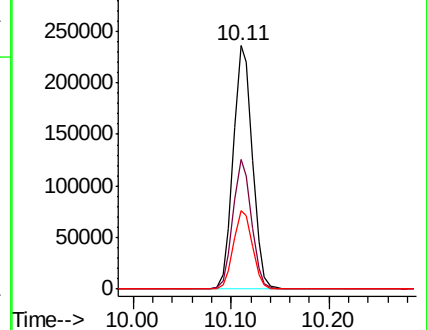
119 32.4 25.9 38.9

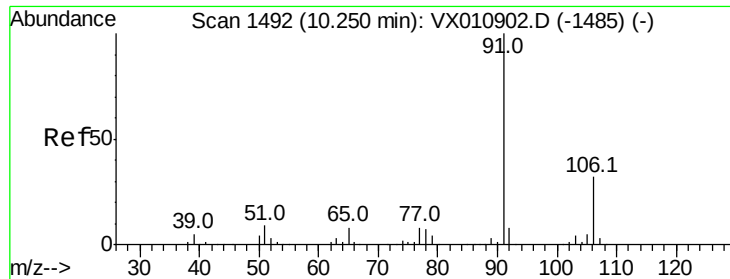


Abundance Ion 116.90 (116.60 to 117.60): VX010902.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010902.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010902.D (-1462) (-)





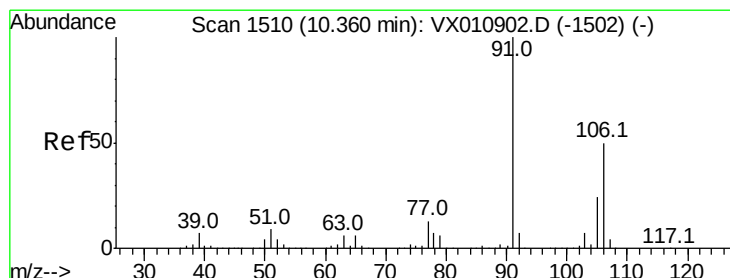
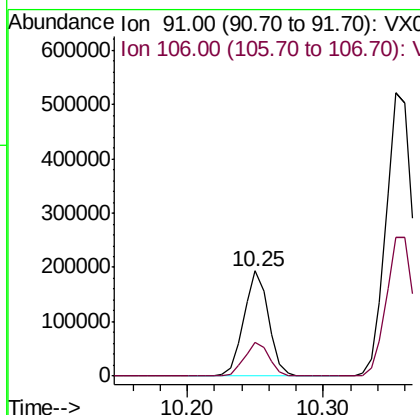
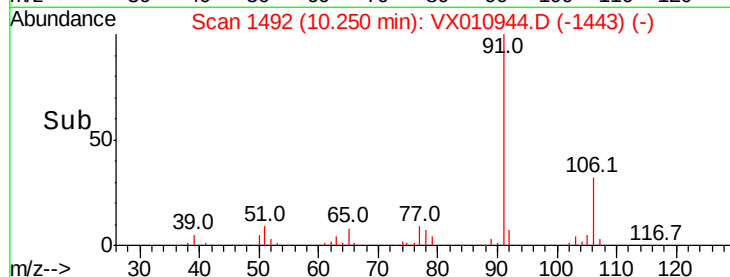
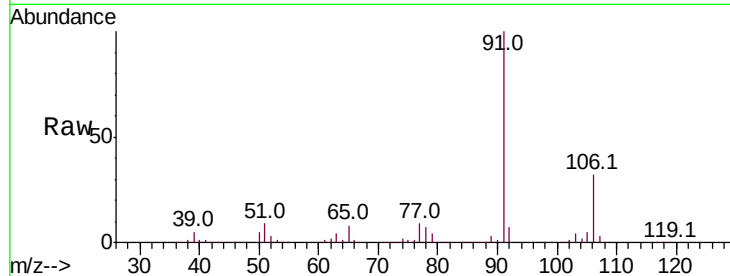
#67
Ethyl Benzene
Concen: 21.964 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010944.D
Acq: 17 Jul 2019 18:26

Instrument :
MSVOA_X
ClientSampled :
FL-0611DL

Tot Ion: 91 Resp: 246326
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2

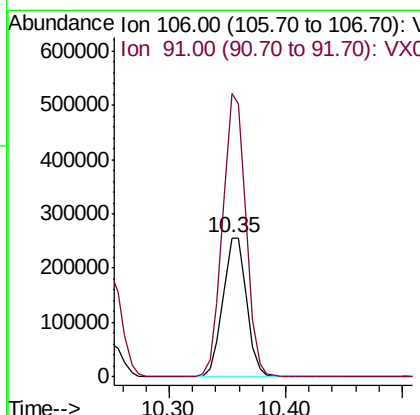
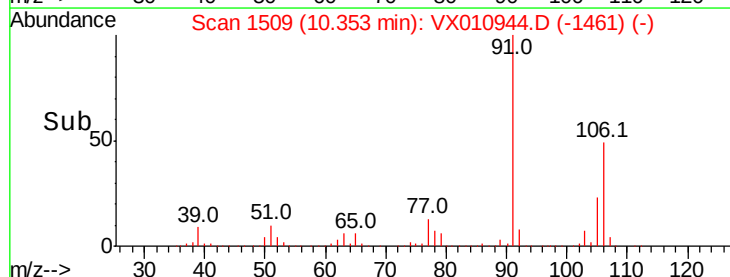
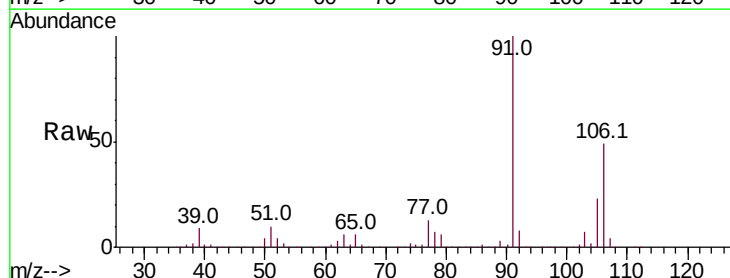
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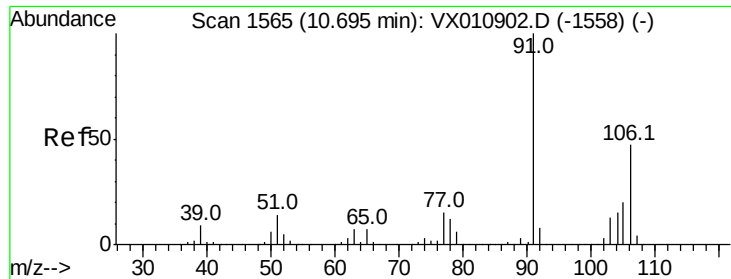
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#68
m/p-Xylenes
Concen: 83.496 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010944.D
Acq: 17 Jul 2019 18:26

Tgt Ion: 106 Resp: 359203
Ion Ratio Lower Upper
106 100
91 199.7 160.1 240.1





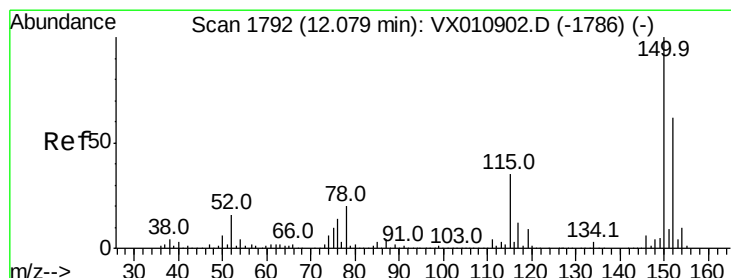
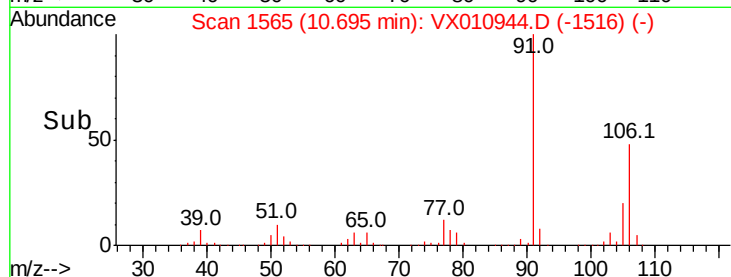
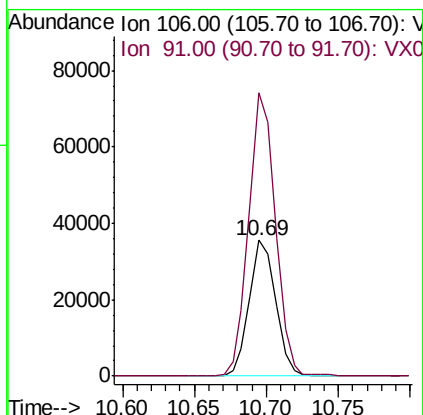
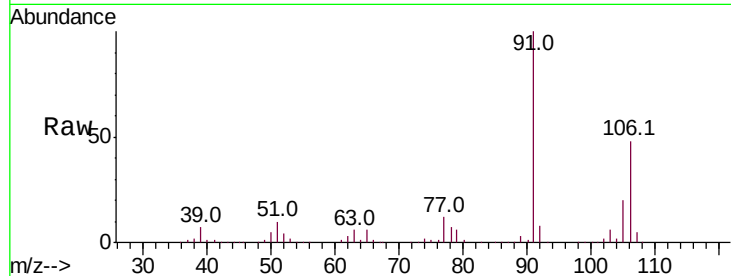
#69
o-Xylene
Concen: 10.793 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010944.D
Acq: 17 Jul 2019 18:26

Instrument :
MSVOA_X
ClientSampled :
FL-0611DL

Tot Ion:106 Resp: 45315
Ion Ratio Lower Upper
106 100
91 210.3 105.1 315.3

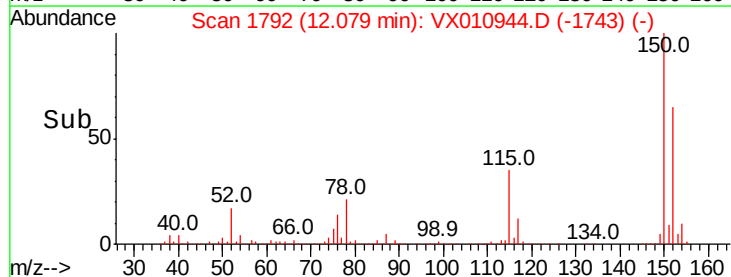
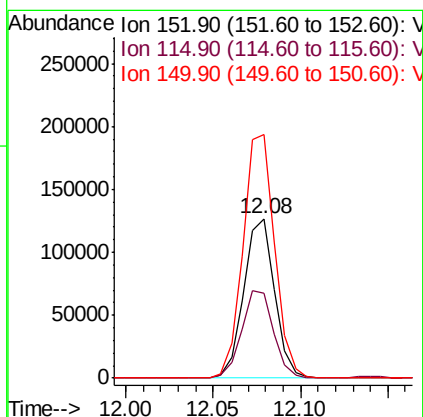
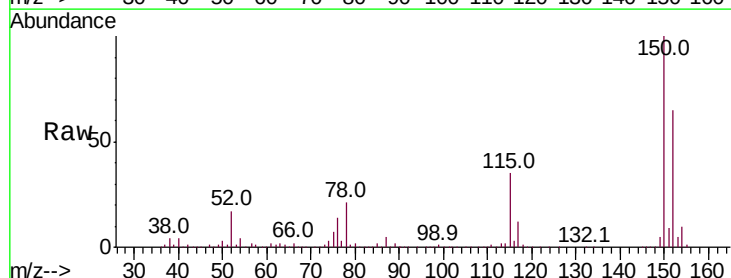
Manual Integrations
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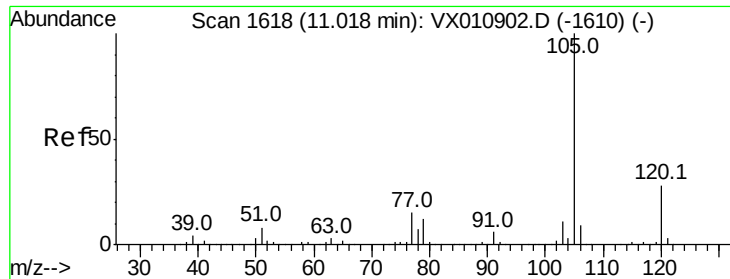
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010944.D
Acq: 17 Jul 2019 18:26

Tgt Ion:152 Resp: 154823
Ion Ratio Lower Upper
152 100
115 56.0 39.7 119.1
150 156.8 0.0 345.6





#73

Isopropylbenzene

Concen: 1.980 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010944.D

Acq: 17 Jul 2019 18:26

Instrument :

MSVOA_X

ClientSampled :

FL-0611DL

Tot Ion: 105 Resp: 20713

Ion Ratio Lower Upper

105 100

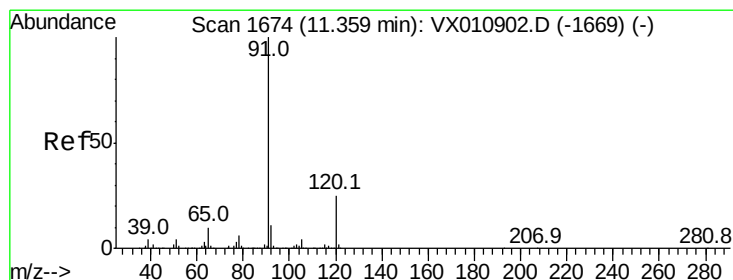
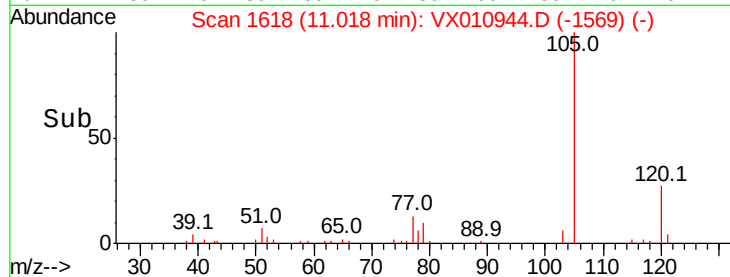
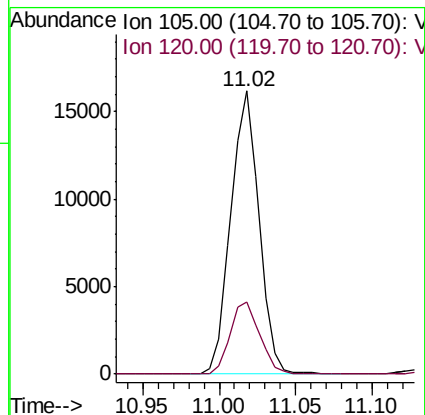
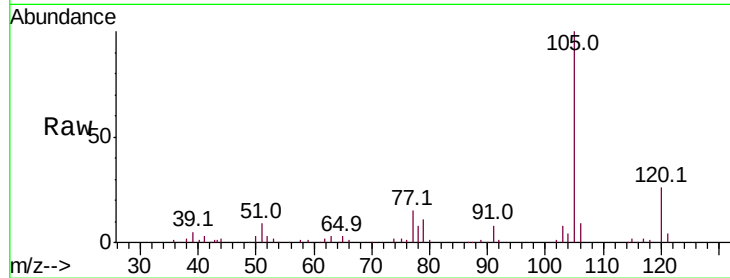
120 26.5 13.7 41.1

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#78

n-propylbenzene

Concen: 1.857 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010944.D

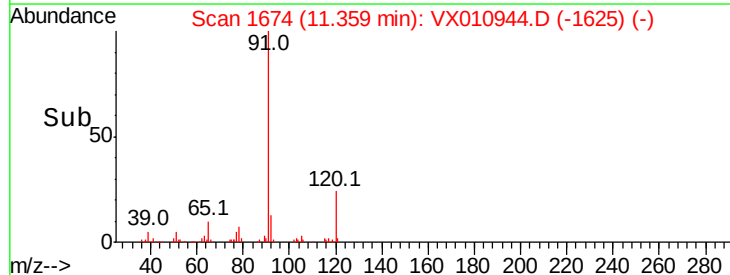
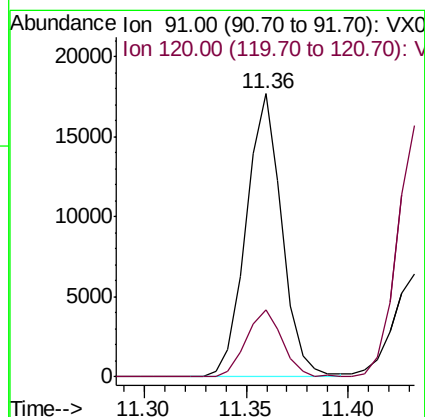
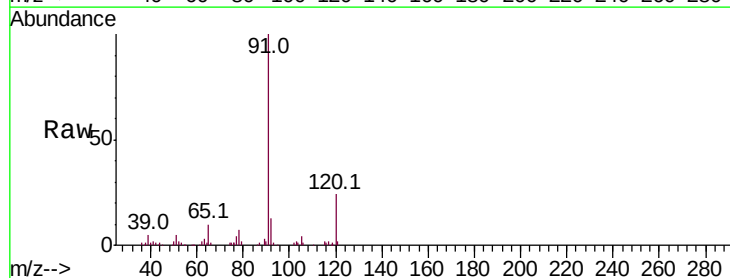
Acq: 17 Jul 2019 18:26

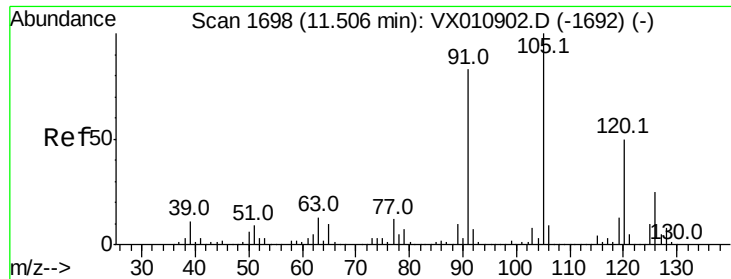
Tgt Ion: 91 Resp: 21466

Ion Ratio Lower Upper

91 100

120 24.3 12.3 36.8





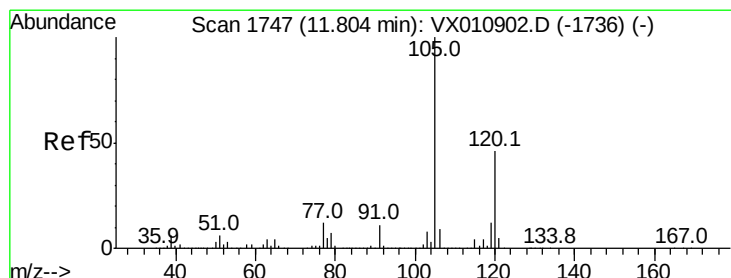
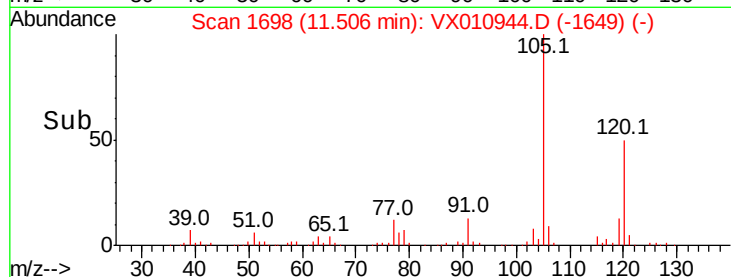
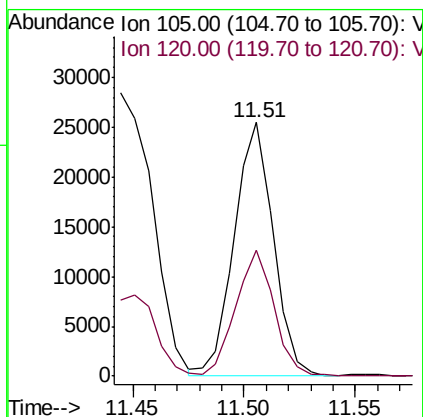
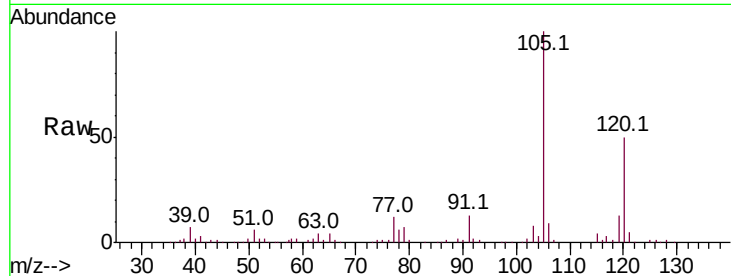
#80
 1,3,5-Trimethylbenzene
 Concen: 3.538 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010944.D
 Acq: 17 Jul 2019 18:26

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0611DL

Tot Ion:105 Resp: 30926
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 73.8

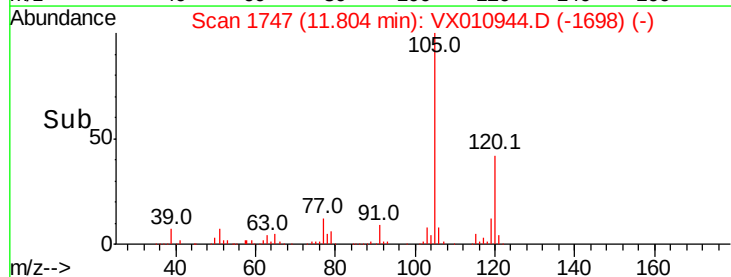
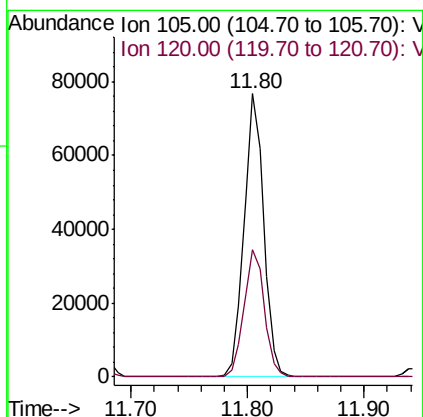
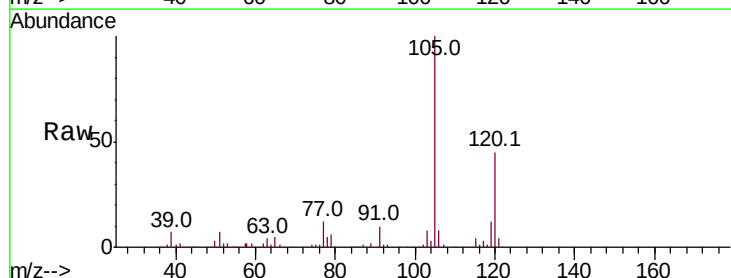
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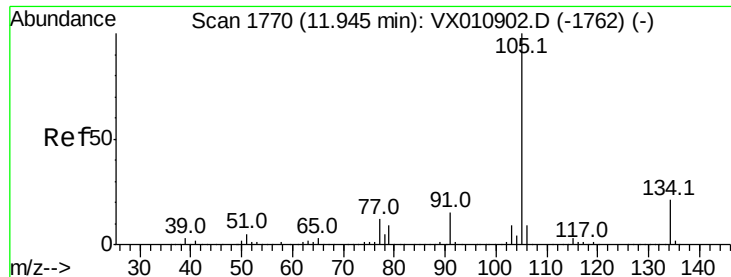
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#84
 1,2,4-Trimethylbenzene
 Concen: 10.325 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010944.D
 Acq: 17 Jul 2019 18:26

Tgt Ion:105 Resp: 90973
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.9 68.5





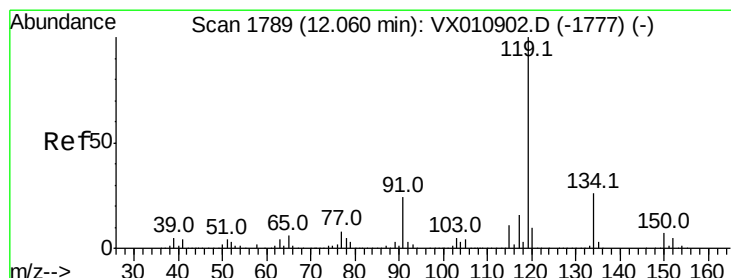
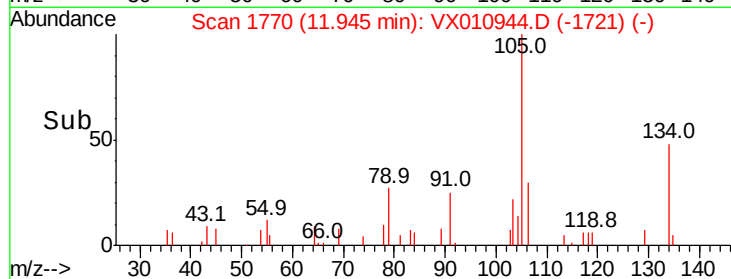
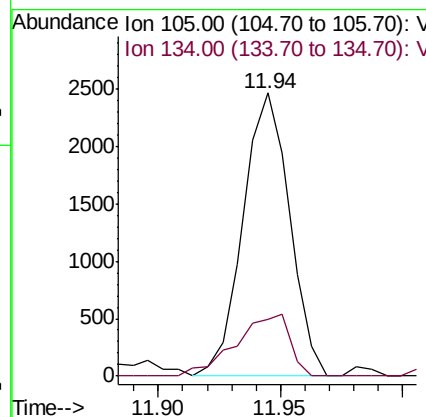
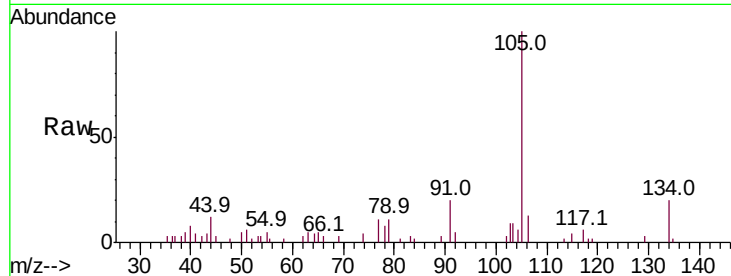
#85
 sec-Butylbenzene
 Concen: 0.326 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010944.D
 Acq: 17 Jul 2019 18:26

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0611DL

Tot Ion:105 Resp: 3280
 Ion Ratio Lower Upper
 105 100
 134 25.2 10.4 31.4

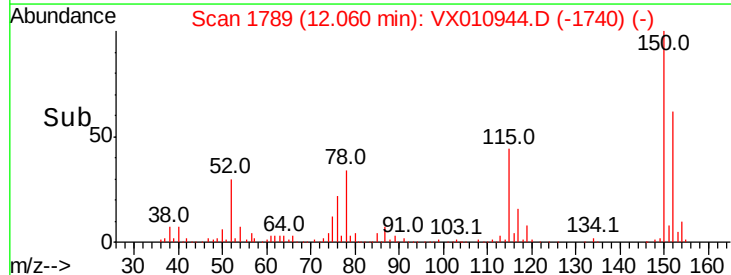
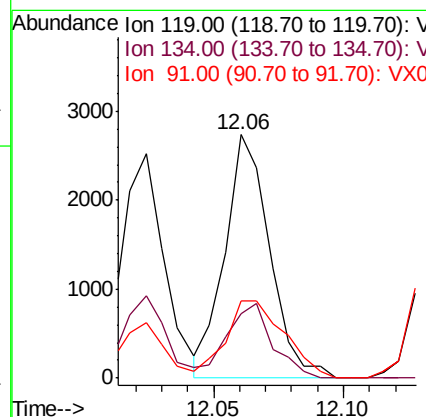
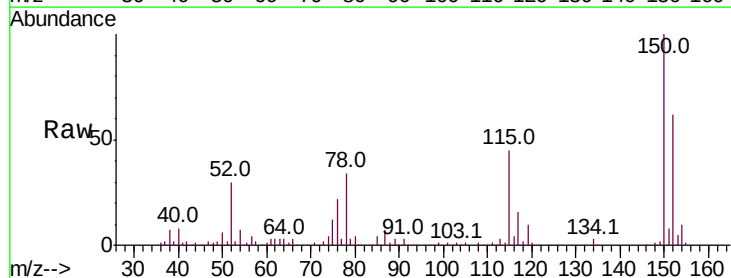
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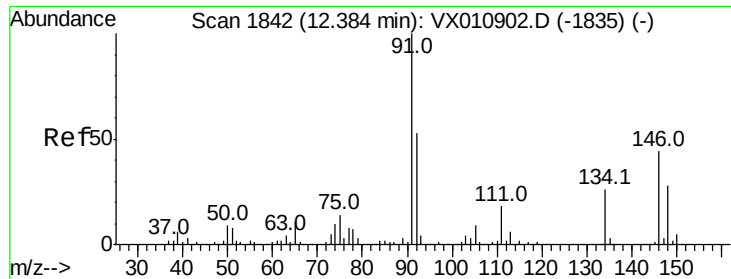
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#86
 p-Isopropyltoluene
 Concen: 0.354 ug/l m
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010944.D
 Acq: 17 Jul 2019 18:26

Tgt Ion:119 Resp: 3295
 Ion Ratio Lower Upper
 119 100
 134 32.3 13.4 40.1
 91 22.6 11.8 35.4





#89

n-Butylbenzene

Concen: 0.363 ug/l m

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX010944.D

Acq: 17 Jul 2019 18:26

Instrument :

MSVOA_X

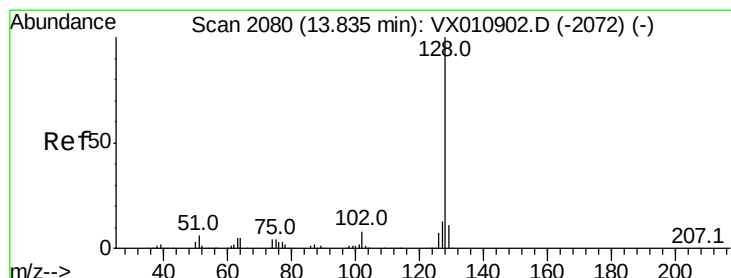
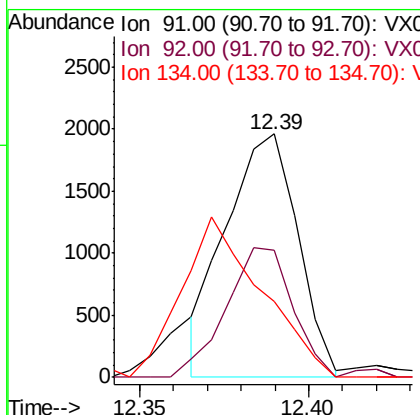
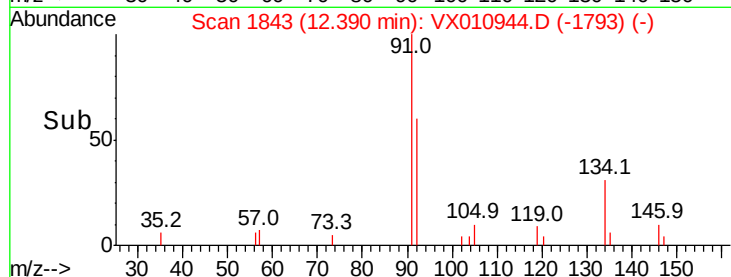
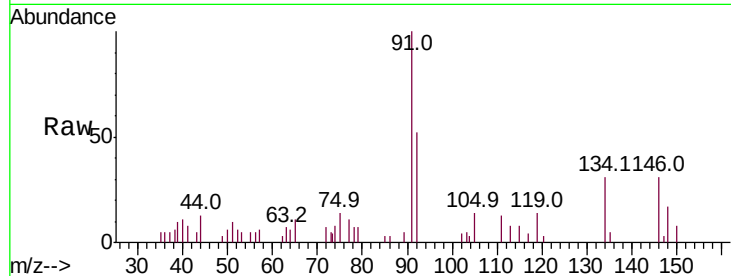
ClientSampled :

FL-0611DL

Tot Ion:	91	Resp:	2892
Ion Ratio	Lower	Upper	
91	100		
92	51.1	26.2	78.5
134	72.5	13.8	41.3

Manual Integrations
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#95

Naphthalene

Concen: 3.621 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010944.D

Acq: 17 Jul 2019 18:26

Tgt Ion:	128	Resp:	35964
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.4	15.6
129	11.5	8.9	13.3

