

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010863.D
 Acq On : 13 Jul 2019 02:09
 Operator : JC/SP
 Sample : K3791-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0596

Quant Time: Jul 15 09:00:26 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	247974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385227	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187487	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	130075	55.95	ug/l	0.00
Spiked Amount			Recovery	=	111.90%	
35) Dibromofluoromethane	5.50	113	117820	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
50) Toluene-d8	8.71	98	473302	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.13	95	172158	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	

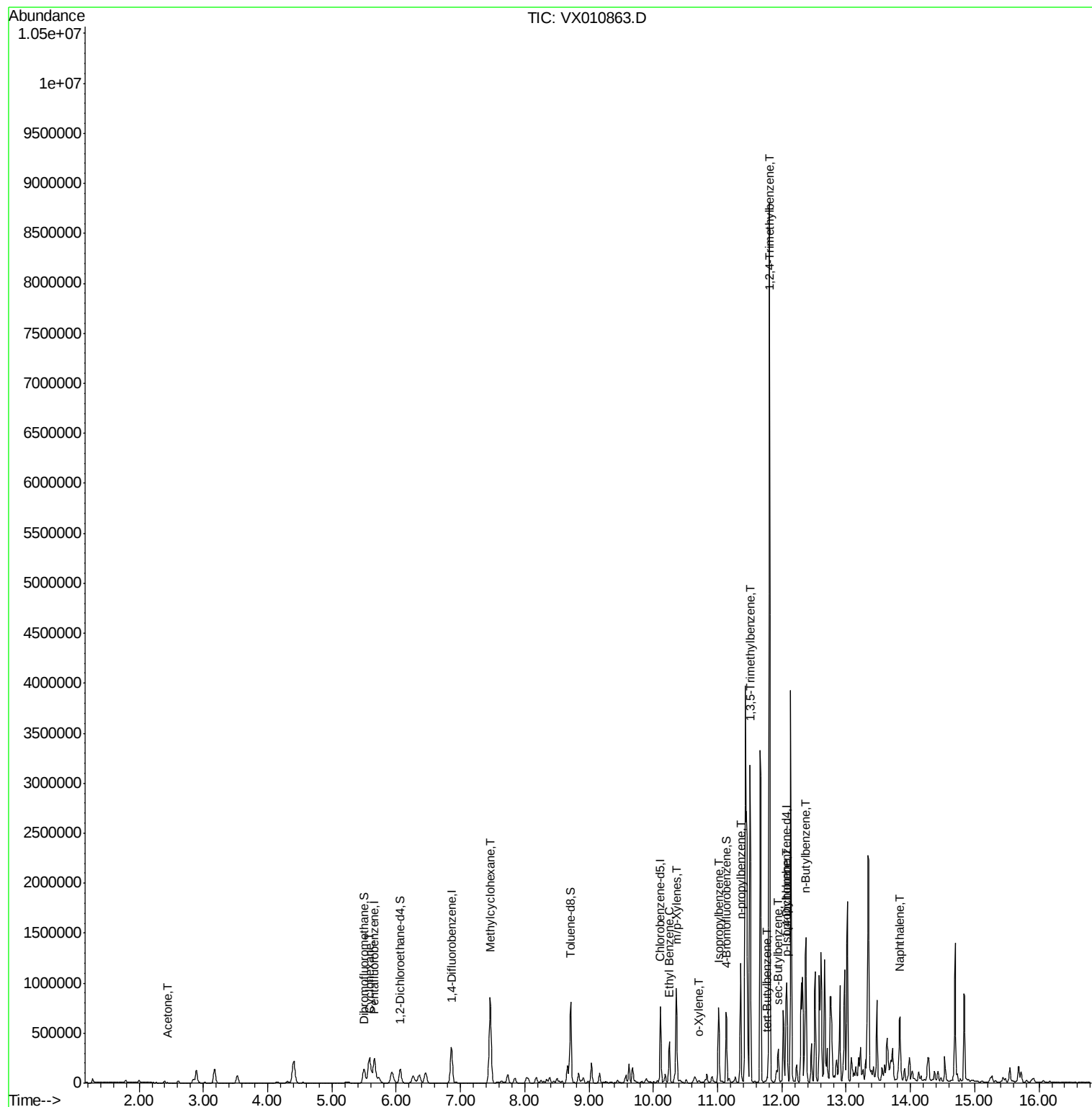
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	3412	2.928	ug/l	99
31) Cyclohexane	5.59	56	179432	53.429	ug/l	95
39) Methylcyclohexane	7.46	83	401690	99.826	ug/l	96
67) Ethyl Benzene	10.25	91	225614	18.333	ug/l	98
68) m/p-Xylenes	10.36	106	216817	45.470	ug/l	98
69) o-Xylene	10.70	106	2628	0.560	ug/l	81
73) Isopropylbenzene	11.02	105	386143	30.383	ug/l	99
78) n-propylbenzene	11.36	91	715539	51.227	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1336711	127.582	ug/l	97
83) tert-Butylbenzene	11.77	119	15428	1.467	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.81	105	3924392	372.814	ug/l	100
85) sec-Butylbenzene	11.94	105	165757	13.425	ug/l	82
86) p-Isopropyltoluene	12.06	119	190388	16.670	ug/l	97
89) n-Butylbenzene	12.38	91	180405	18.589	ug/l #	12
95) Naphthalene	13.83	128	407993	31.095	ug/l	97

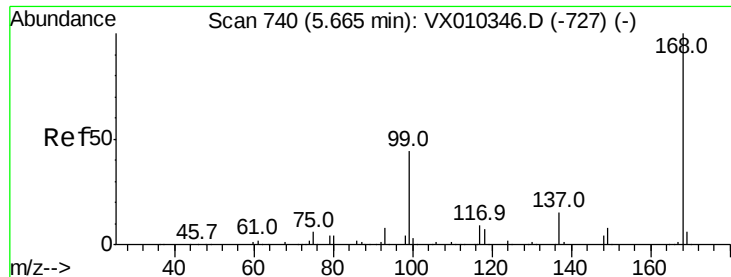
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

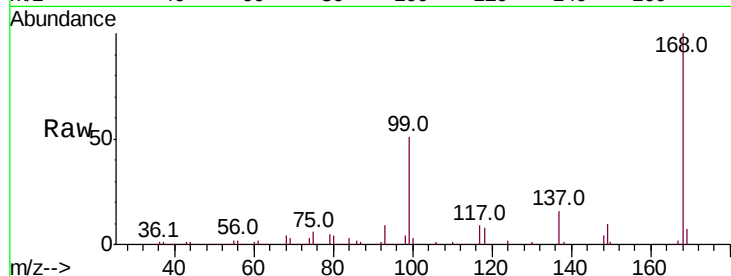
FL-0596

Tot Ion:168 Resp: 247974

Ion Ratio Lower Upper

168 100

99 50.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

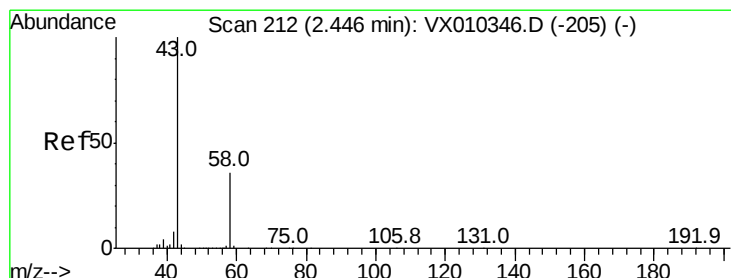
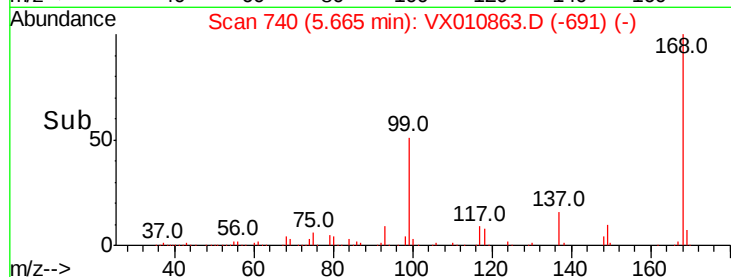
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.928 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010863.D

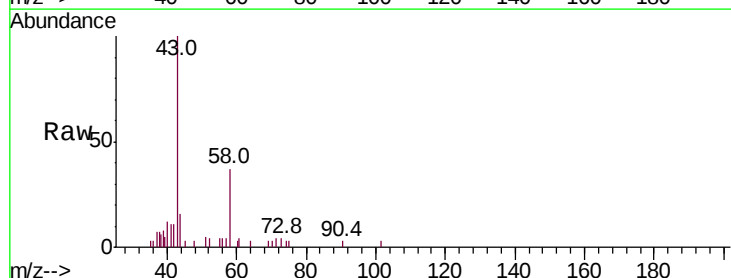
Acq: 13 Jul 2019 02:09

Tgt Ion: 43 Resp: 3412

Ion Ratio Lower Upper

43 100

58 36.8 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

3000

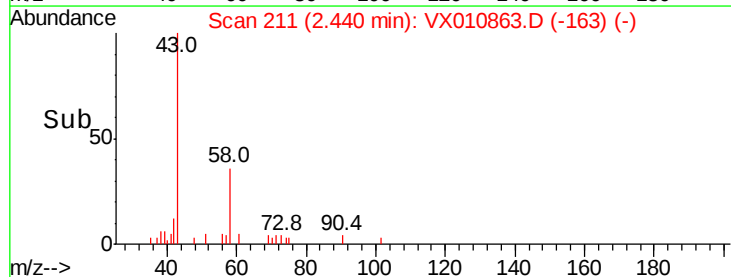
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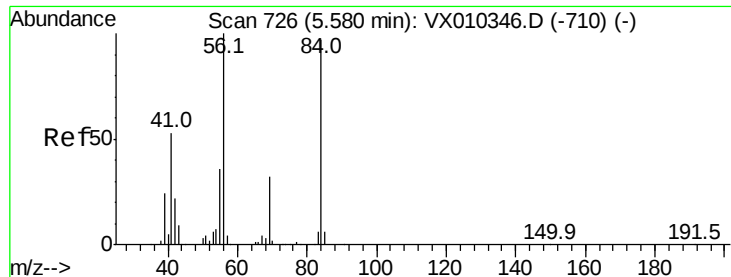
1000

0

Time-->

2.40 2.45 2.50

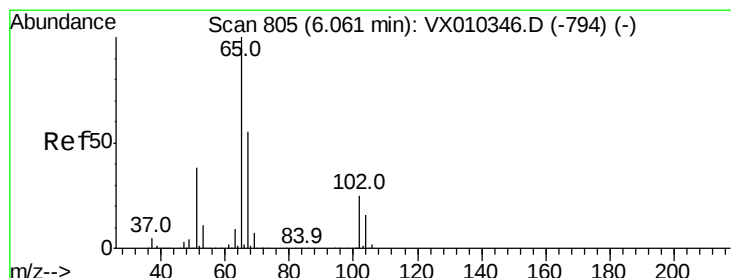
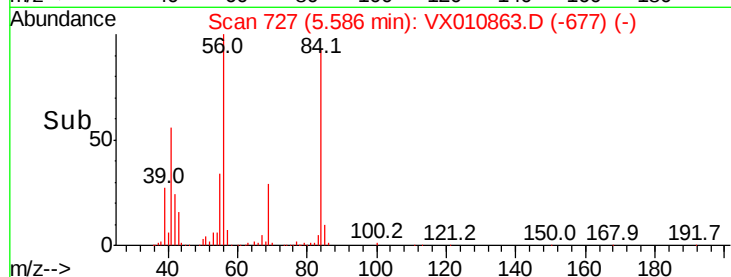
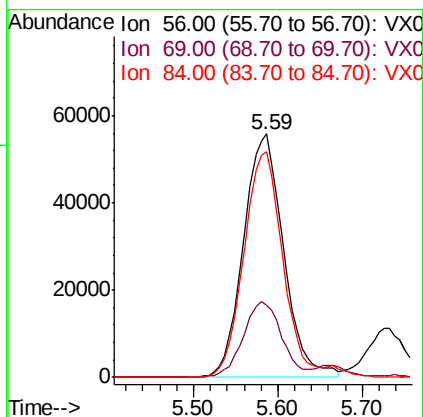
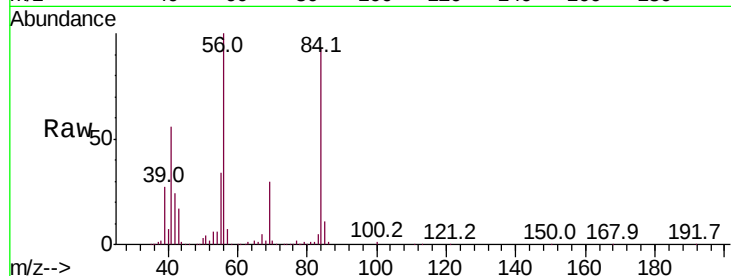




#31
Cyclohexane
Concen: 53.429 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

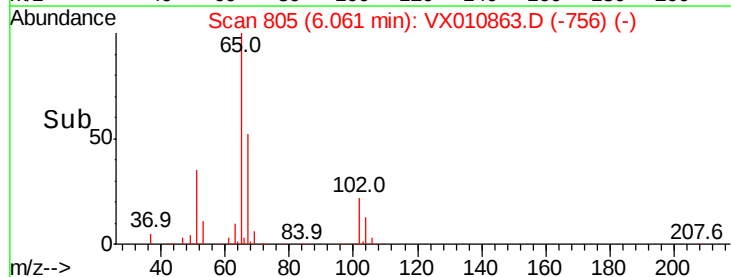
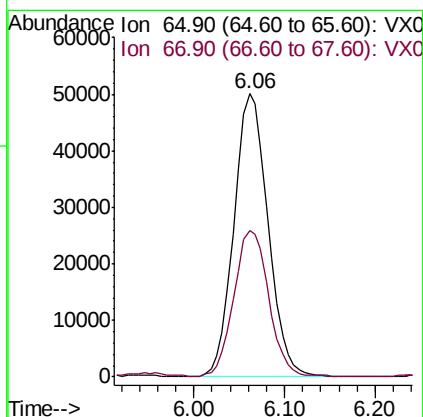
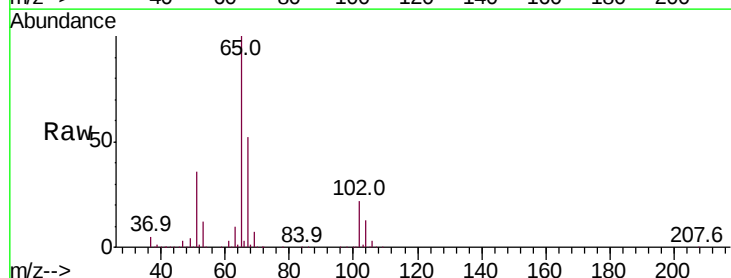
Instrument :
MSVOA_X
ClientSampleId :
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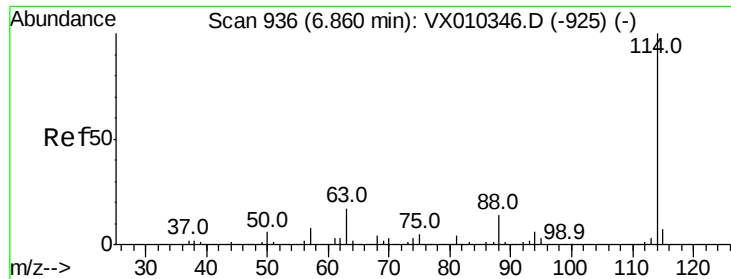
Tot Ion: 56 Resp: 179432
Ion Ratio Lower Upper
56 100
69 29.3 25.9 38.9
84 93.1 78.0 117.0



#33
1,2-Dichloroethane-d4
Concen: 55.946 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion: 65 Resp: 130075
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.2

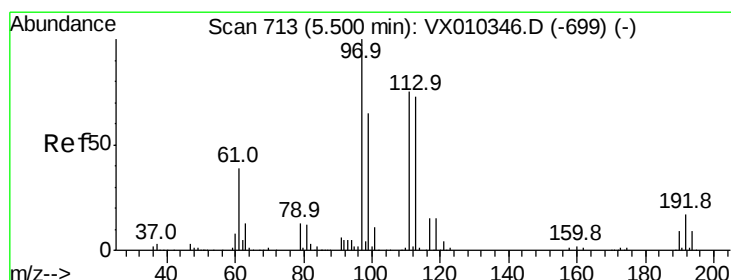
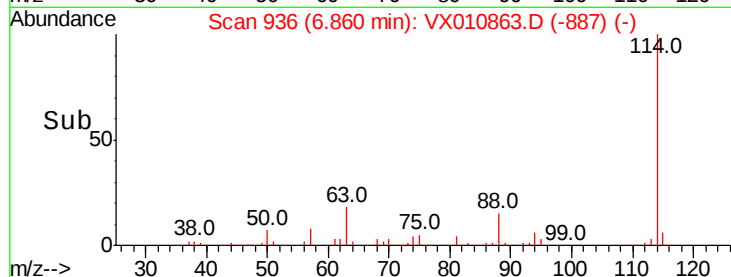
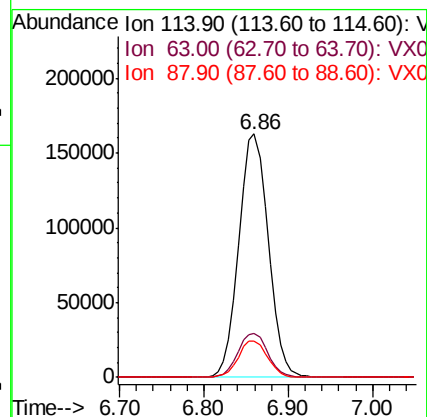
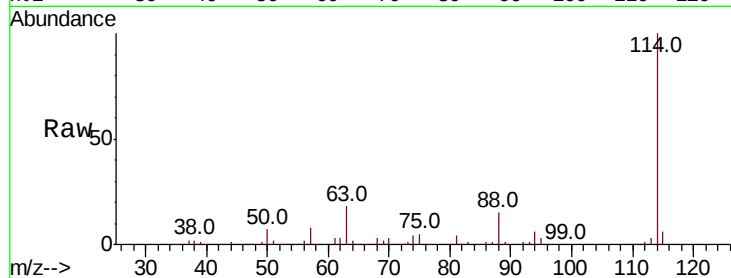




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

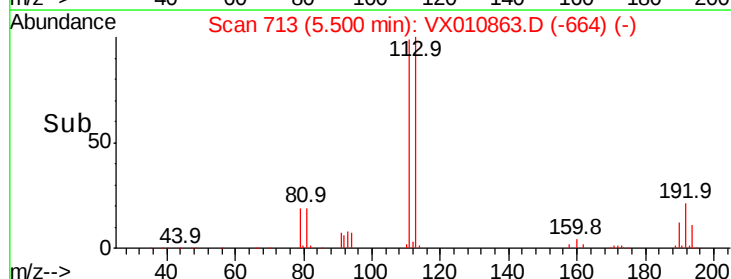
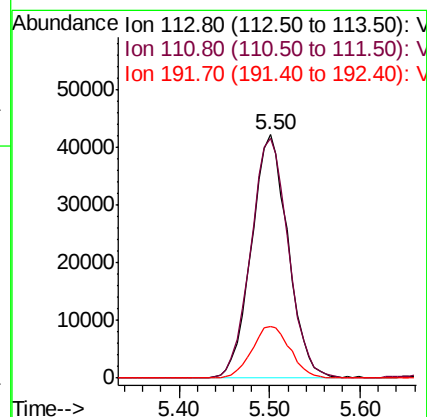
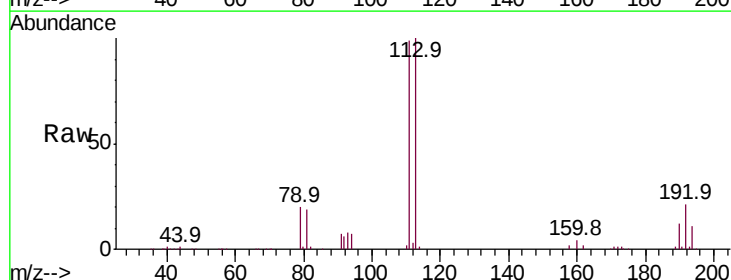
Instrument :
MSVOA_X
ClientSampleId :
FL-0596

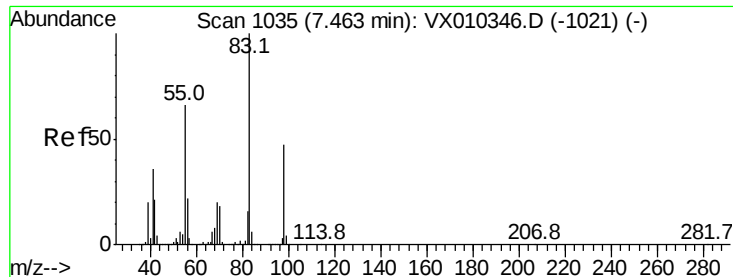
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	33.8
88	14.9	0.0	27.6



#35
Dibromofluoromethane
Concen: 49.988 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.2	121.8
192	22.2	18.6	27.8

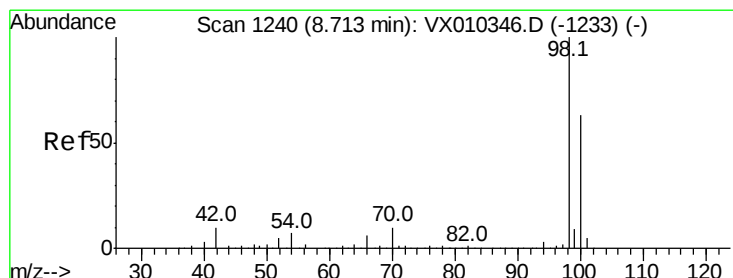
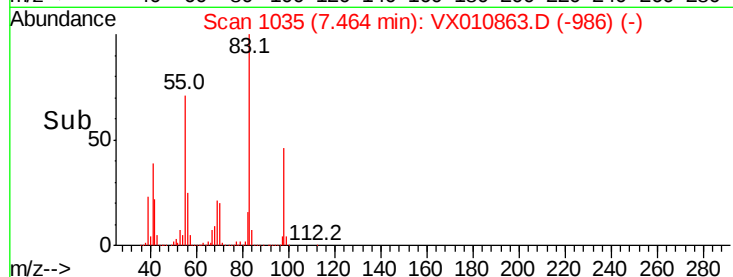
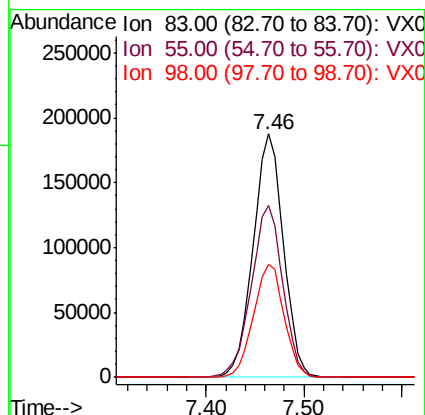
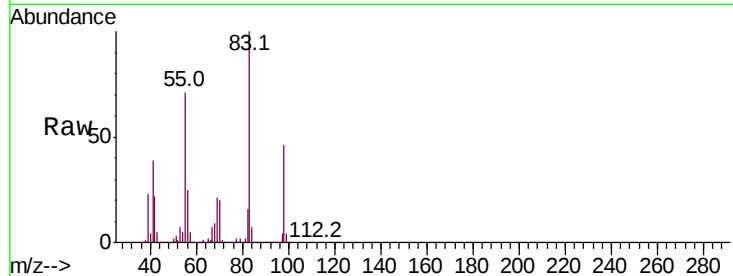




#39
Methvlcvclohexane
Concen: 99.826 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

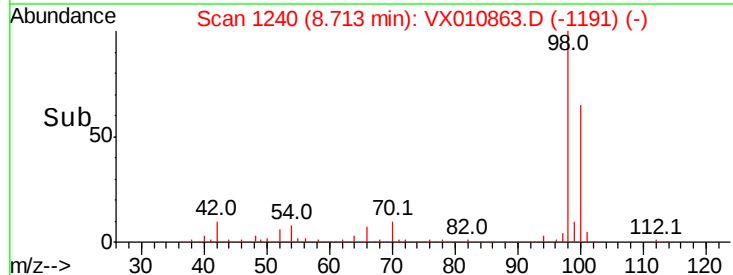
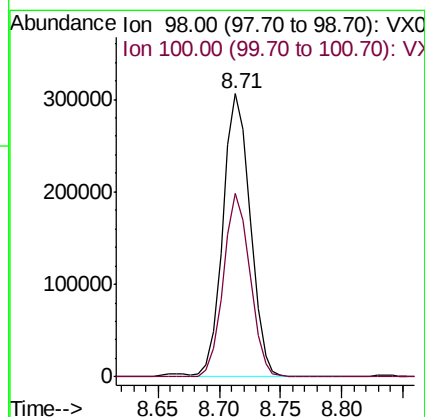
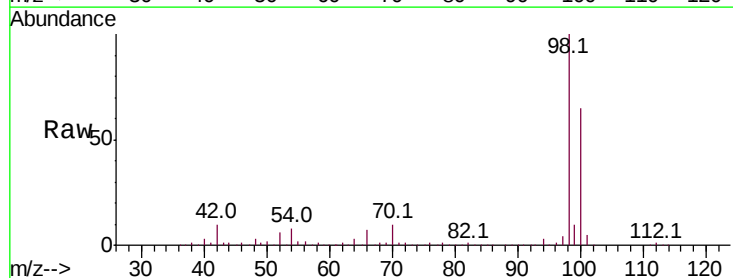
Instrument :
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ClientSampleId :
FL-0596

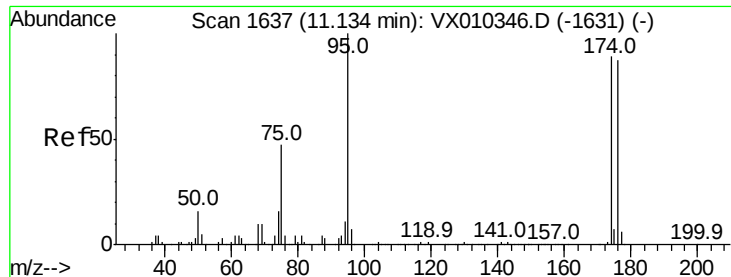
Tot Ion: 83 Resp: 401690
Ion Ratio Lower Upper
83 100
55 70.6 53.0 79.6
98 46.4 37.8 56.8



#50
Toluene-d8
Concen: 52.488 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion: 98 Resp: 473302
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4

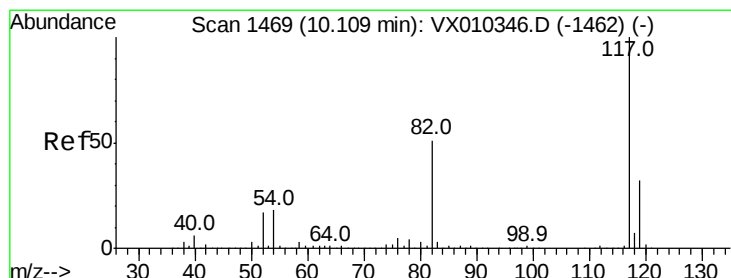
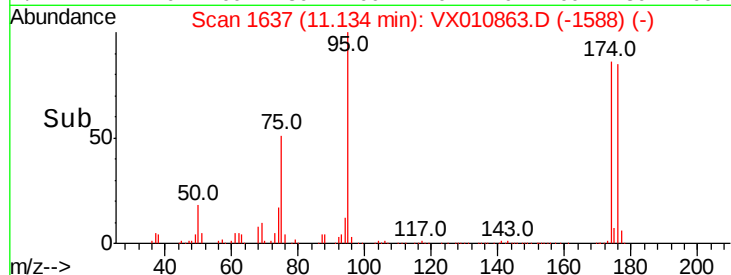
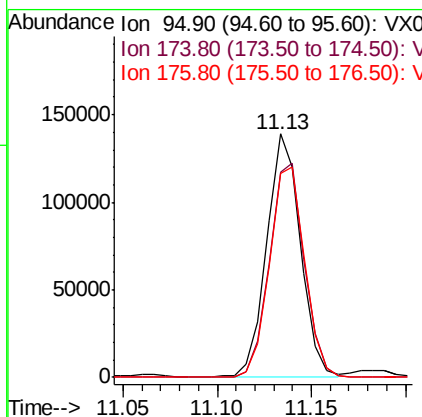
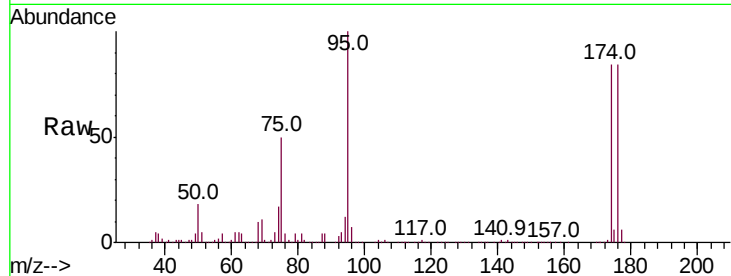




#62
4-Bromofluorobenzene
Concen: 52.882 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

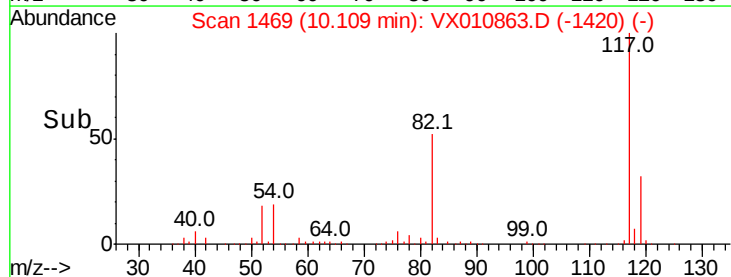
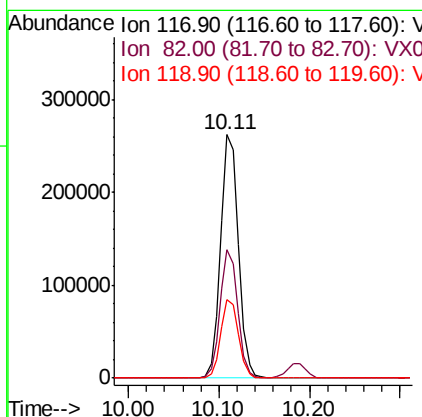
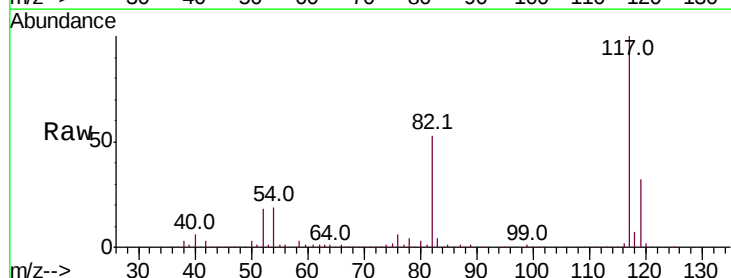
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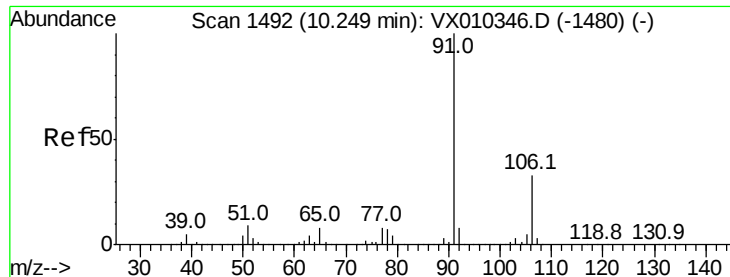
Tot Ion: 95 Resp: 172158
Ion Ratio Lower Upper
95 100
174 91.3 0.0 187.6
176 90.3 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion: 117 Resp: 359056
Ion Ratio Lower Upper
117 100
82 52.4 41.2 61.8
119 32.2 25.5 38.3

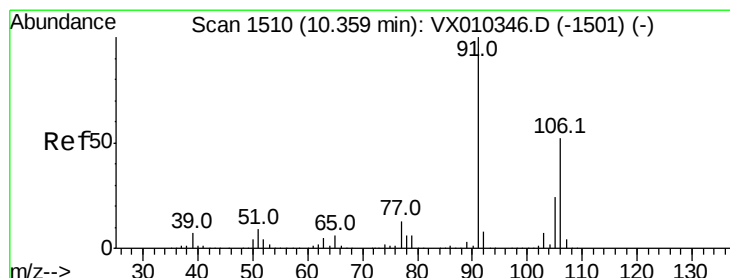
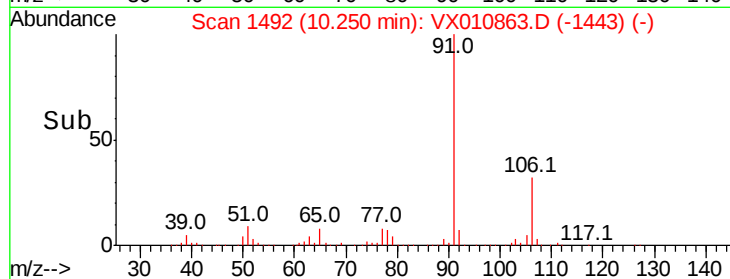
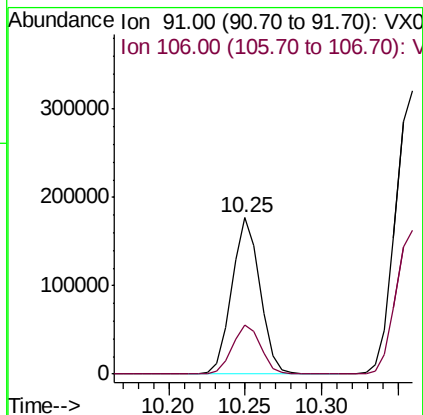
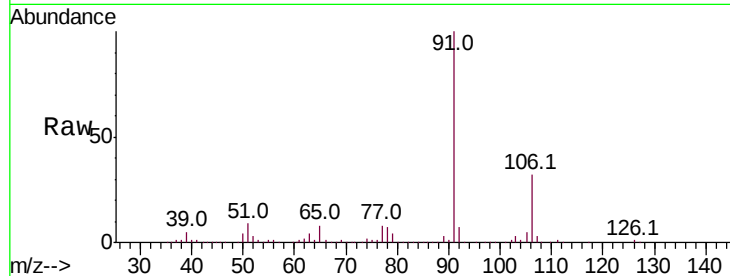




#67
Ethyl Benzene
Concen: 18.333 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

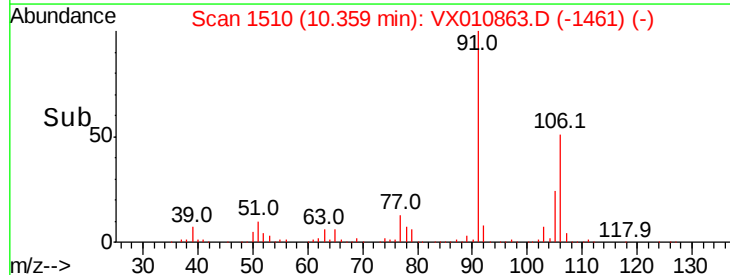
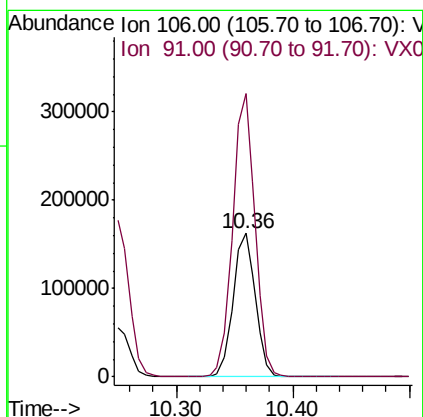
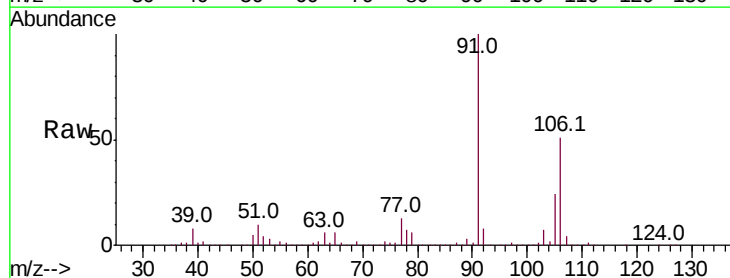
Instrument :
MSVOA_X
ClientSampled :
FL-0596

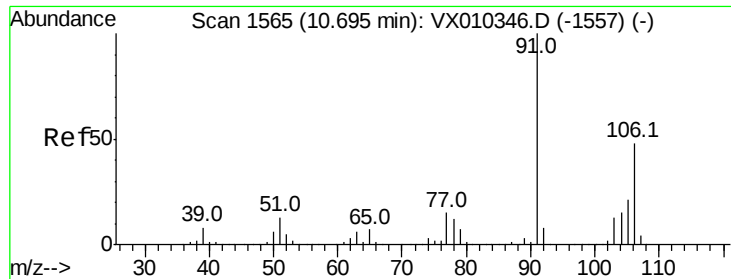
Tot Ion: 91 Resp: 225614
Ion Ratio Lower Upper
91 100
106 31.6 26.2 39.2



#68
m/p-Xylenes
Concen: 45.470 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion: 106 Resp: 216817
Ion Ratio Lower Upper
106 100
91 197.1 155.3 232.9

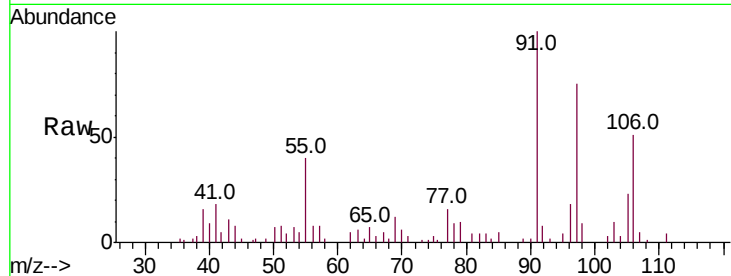




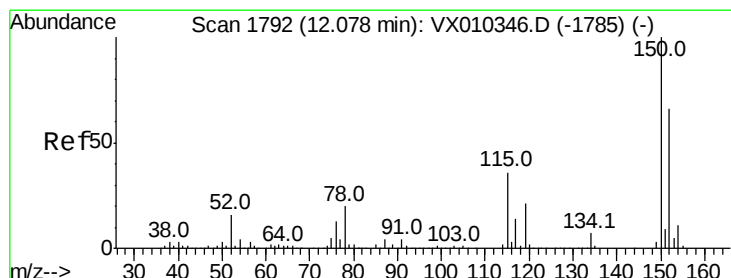
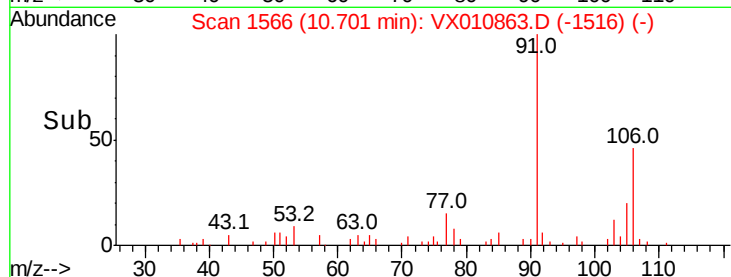
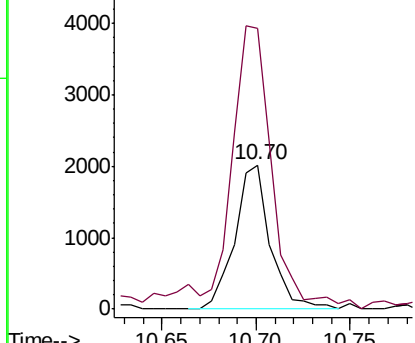
#69
o-Xylene
Concen: 0.560 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Instrument :
MSVOA_X
ClientSampleID :
FL-0596

Tot Ion:106 Resp: 2628
Ion Ratio Lower Upper
106 100
91 235.4 102.7 308.1

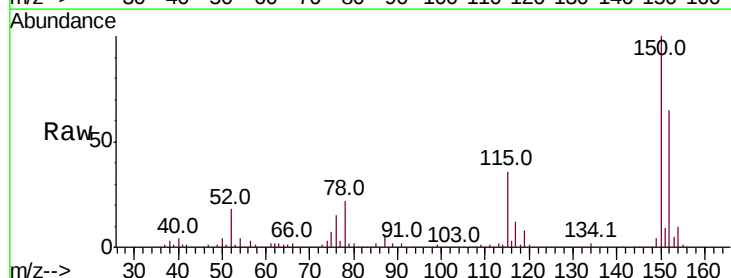


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

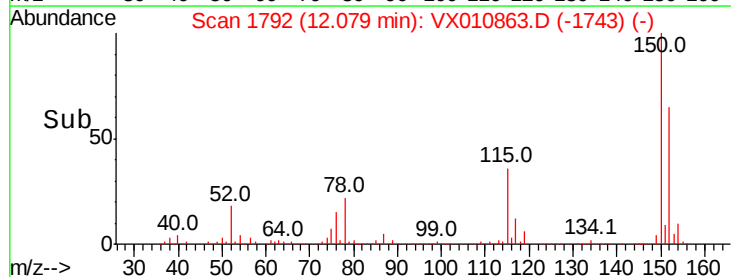
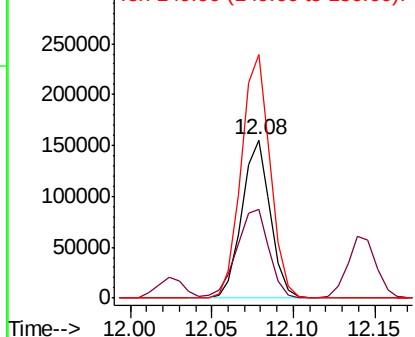


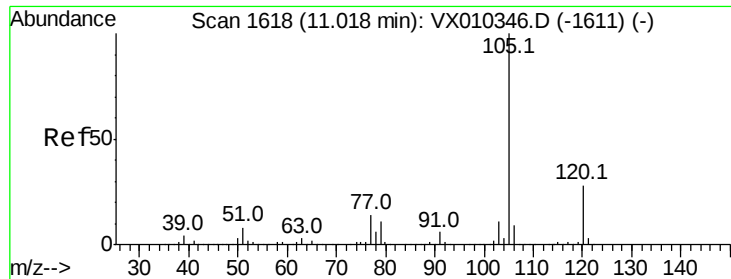
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion:152 Resp: 187487
Ion Ratio Lower Upper
152 100
115 63.9 38.6 115.7
150 157.8 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: 30.383 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

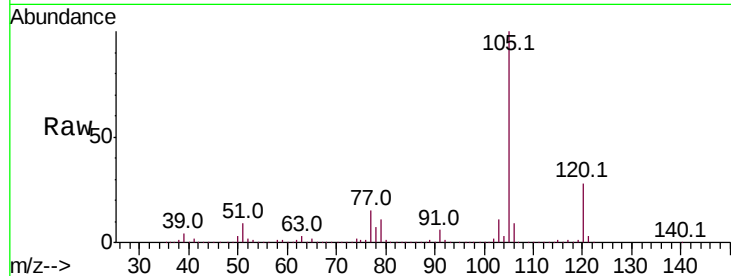
FL-0596

Tot Ion:105 Resp: 386143

Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

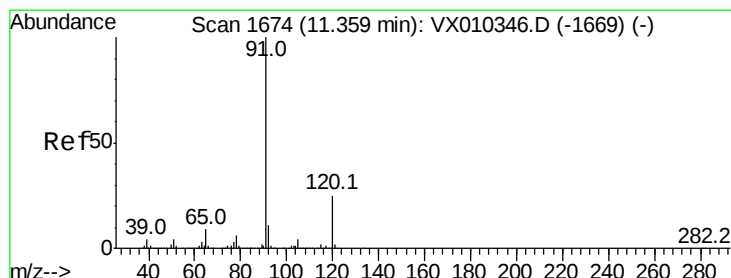
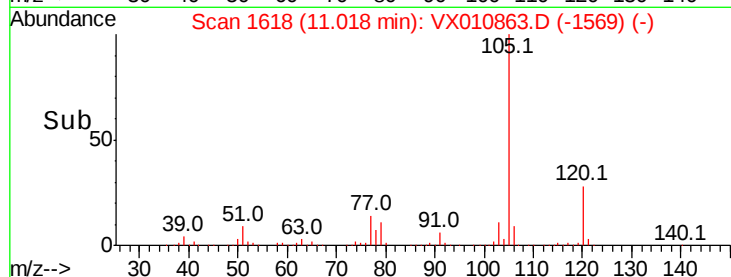
200000

100000

0

11.02

Time-->



#78

n-propylbenzene

Concen: 51.227 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010863.D

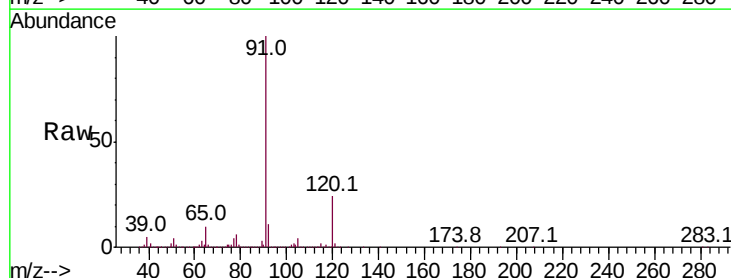
Acq: 13 Jul 2019 02:09

Tgt Ion: 91 Resp: 715539

Ion Ratio Lower Upper

91 100

120 24.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

600000

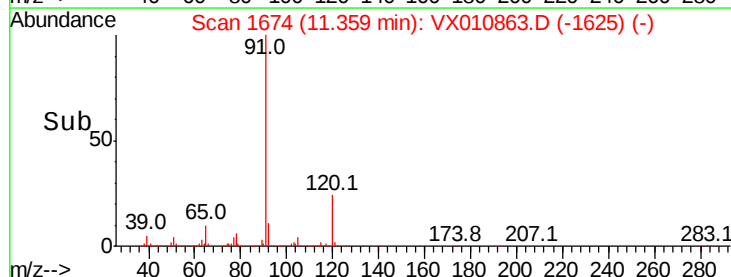
400000

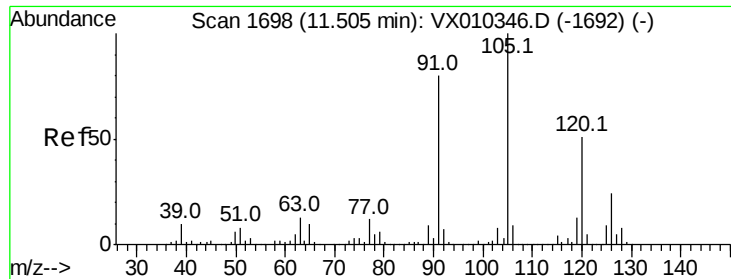
200000

0

11.36

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 127.582 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampled :

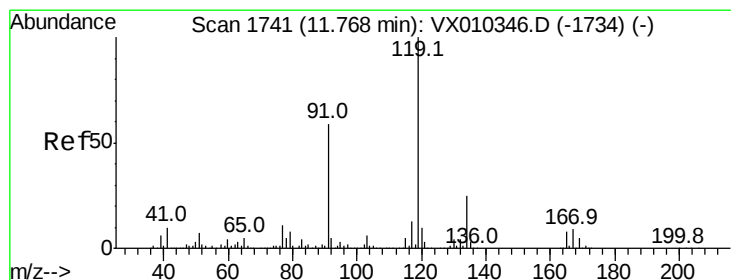
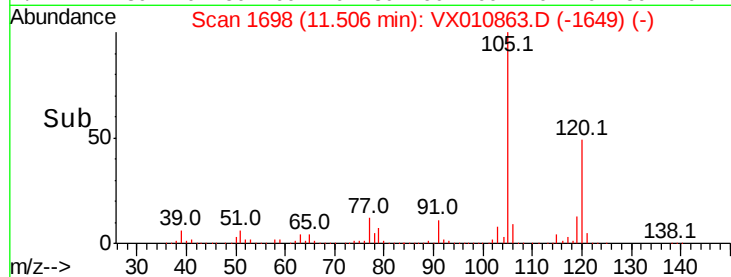
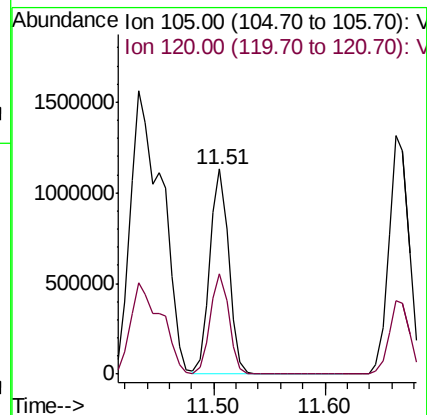
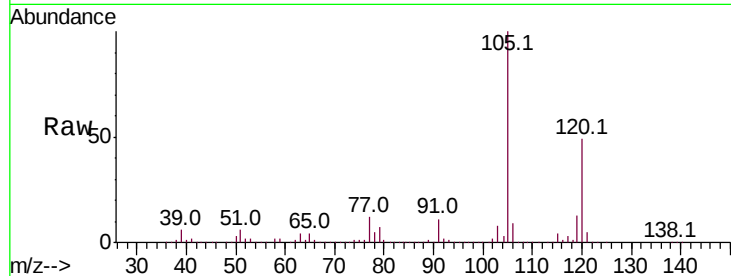
FL-0596

Tot Ion:105 Resp: 1336711

Ion Ratio Lower Upper

105 100

120 48.5 25.2 75.6



#83

tert-Butylbenzene

Concen: 1.467 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

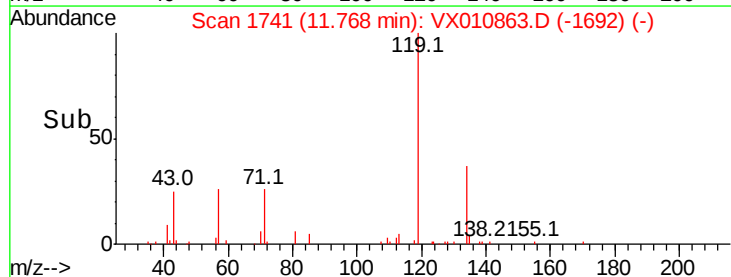
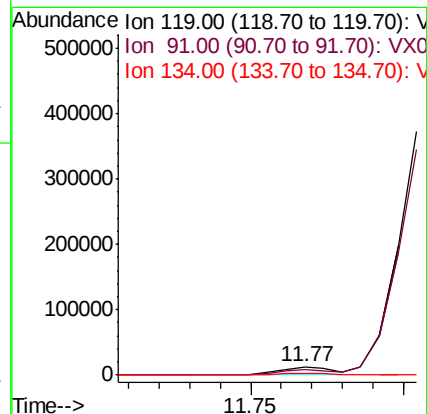
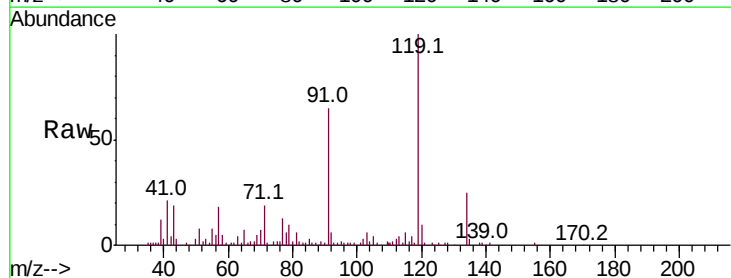
Tgt Ion:119 Resp: 15428

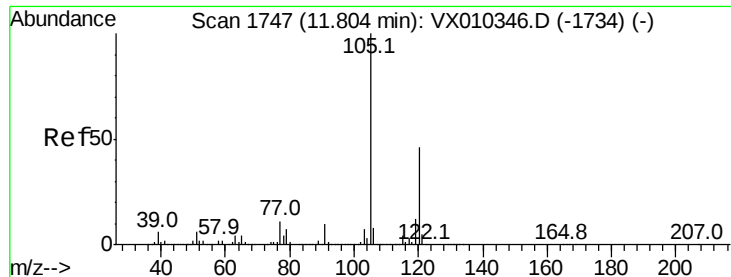
Ion Ratio Lower Upper

119 100

91 0.0 27.6 82.7#

134 26.5 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 372.814 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX010863.D

Acq: 13 Jul 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

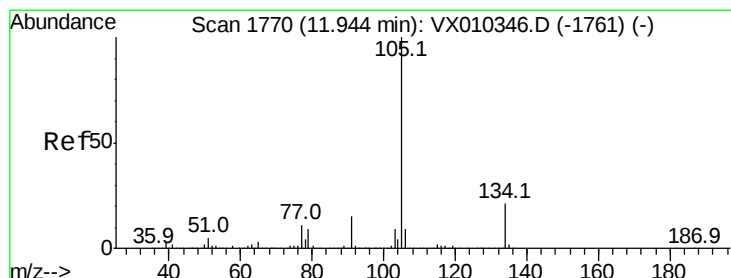
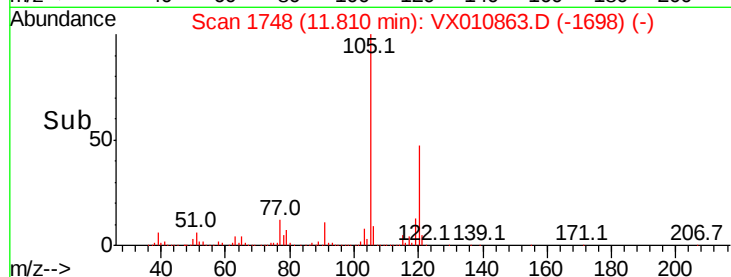
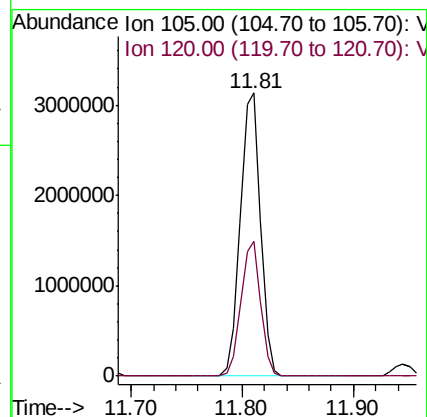
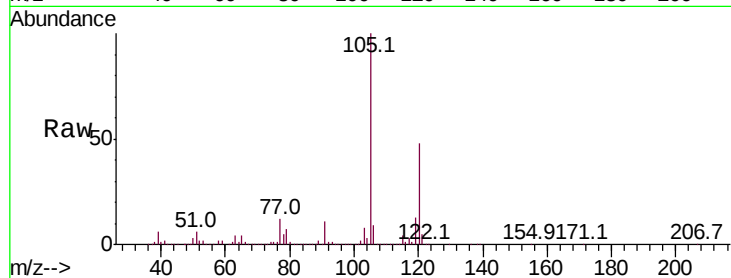
FL-0596

Tot Ion:105 Resp: 3924392

Ion Ratio Lower Upper

105 100

120 46.4 23.1 69.2



#85

sec-Butylbenzene

Concen: 13.425 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010863.D

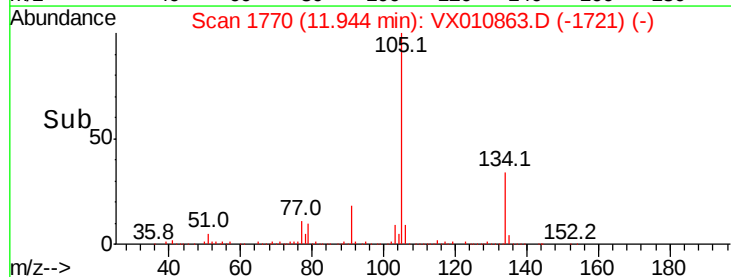
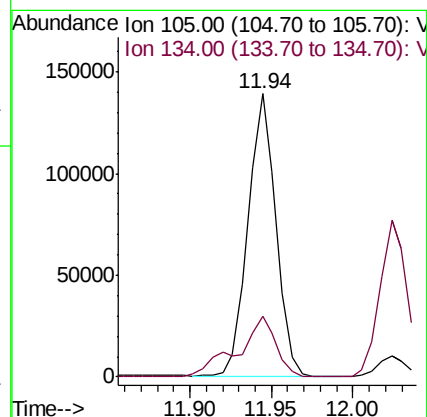
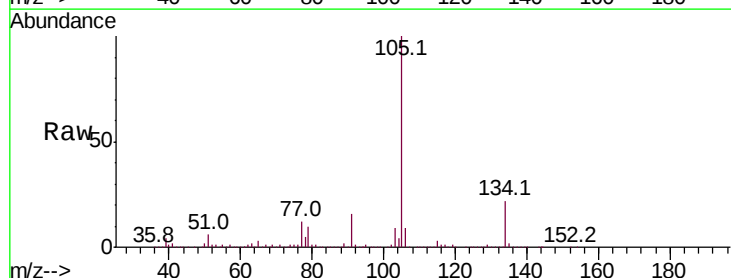
Acq: 13 Jul 2019 02:09

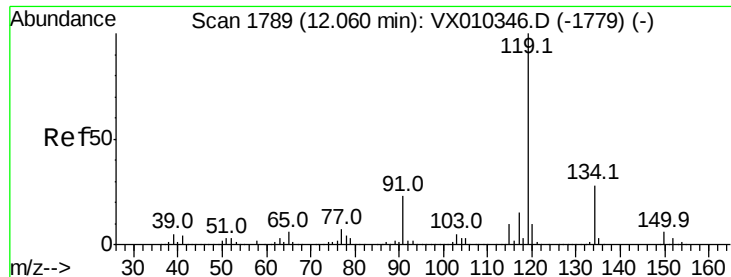
Tgt Ion:105 Resp: 165757

Ion Ratio Lower Upper

105 100

134 29.6 10.7 31.9

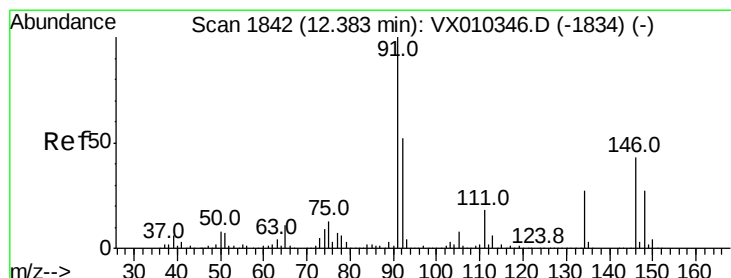
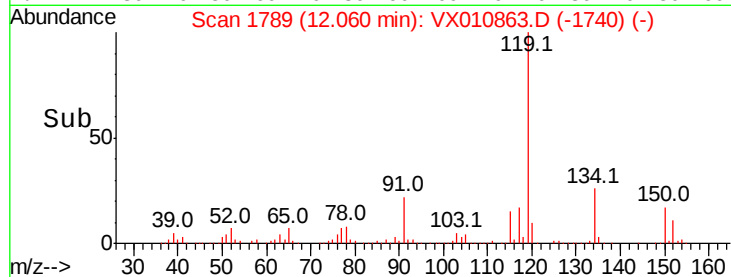
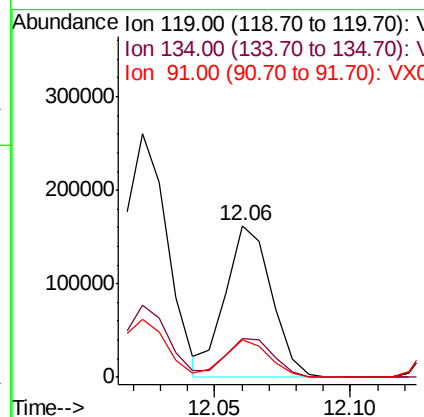
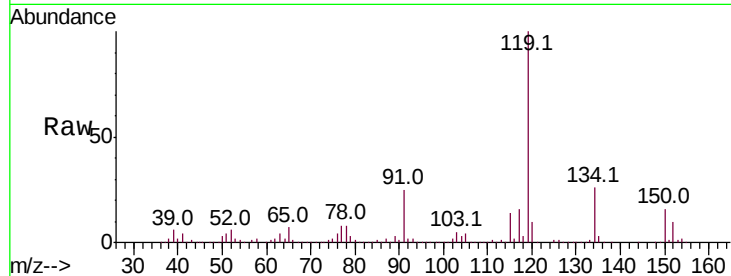




#86
p-Isopropyltoluene
Concen: 16.670 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

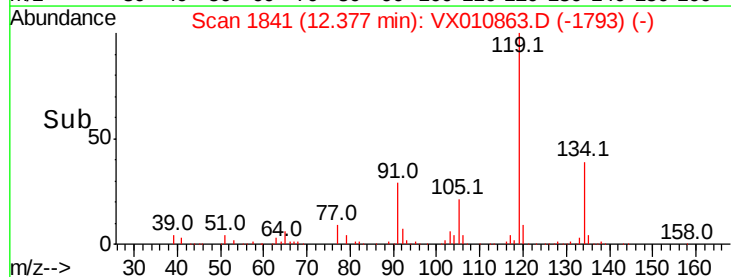
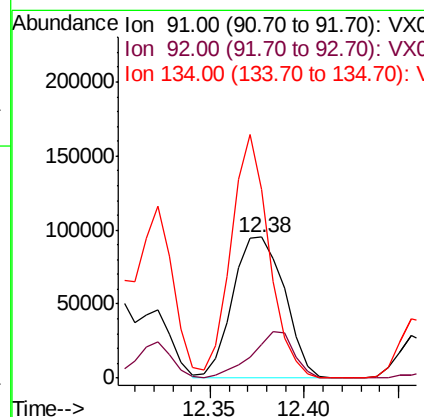
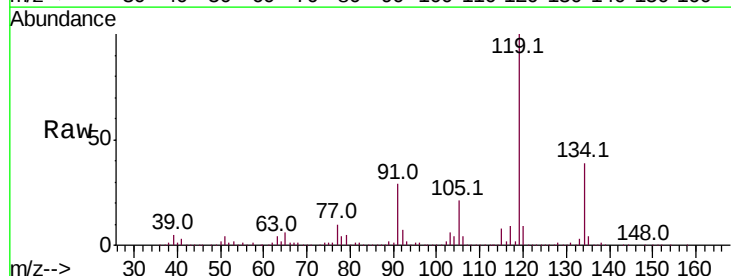
Instrument :
MSVOA_X
ClientSampleId :
FL-0596

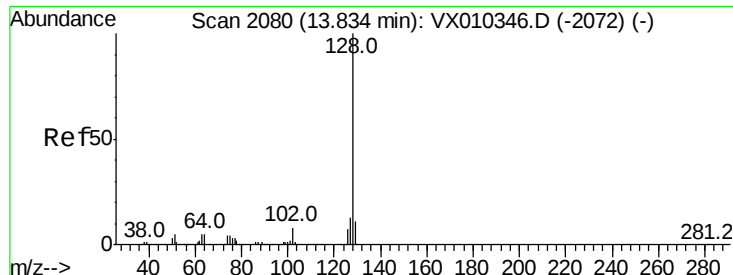
Tot Ion:119 Resp: 190388
Ion Ratio Lower Upper
119 100
134 25.6 13.7 41.1
91 24.1 11.3 33.8



#89
n-Butylbenzene
Concen: 18.589 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Tgt Ion: 91 Resp: 180405
Ion Ratio Lower Upper
91 100
92 27.3 26.2 78.5
134 126.4 14.1 42.4#





#95
Naphthalene
Concen: 31.095 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010863.D
Acq: 13 Jul 2019 02:09

Instrument :
MSVOA_X
ClientSampleId :
FL-0596

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	12.6	8.9	13.3

