

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010496.D
 Acq On : 27 Jun 2019 18:03
 Operator : JC/SP
 Sample : K3565-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0578

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:38:15 AM

Quant Time: Jun 28 07:45:08 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	266753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400391	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	369263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185989	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123521	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
35) Dibromofluoromethane	5.50	113	120404	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	8.71	98	485987	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	11.13	95	167349	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	3361	2.681	ug/l	94
31) Cyclohexane	5.58	56	66152	18.311	ug/l	96
39) Methylcyclohexane	7.46	83	109699	26.229	ug/l	96
40) Benzene	6.14	78	3850	0.388	ug/l #	67
67) Ethyl Benzene	10.25	91	960164	75.865	ug/l	99
68) m/p-Xylenes	10.36	106	1032263	210.497	ug/l	99
69) o-Xylene	10.69	106	5905	1.224	ug/l	90
73) Isopropylbenzene	11.02	105	198923	15.778	ug/l	98
78) n-propylbenzene	11.36	91	279741	20.188	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	848614	81.648	ug/l	100
83) tert-Butylbenzene	11.77	119	9970	0.956	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	1549797	148.415	ug/l	99
85) sec-Butylbenzene	11.94	105	33987m	2.775	ug/l	
86) p-Isopropyltoluene	12.06	119	61702	5.446	ug/l	100
95) Naphthalene	13.83	128	581841	44.703	ug/l	100

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

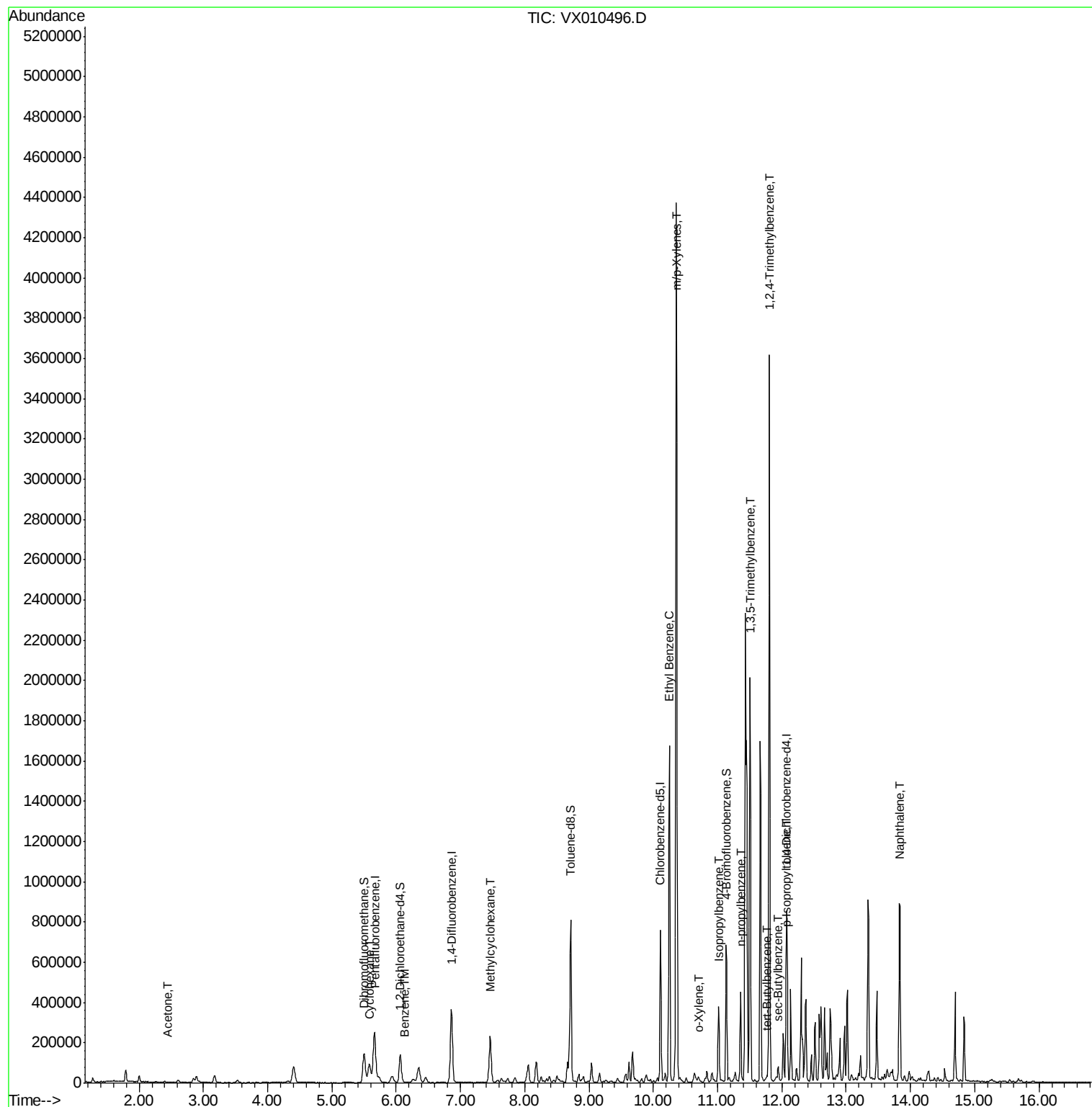
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062719\
Data File : VX010496.D
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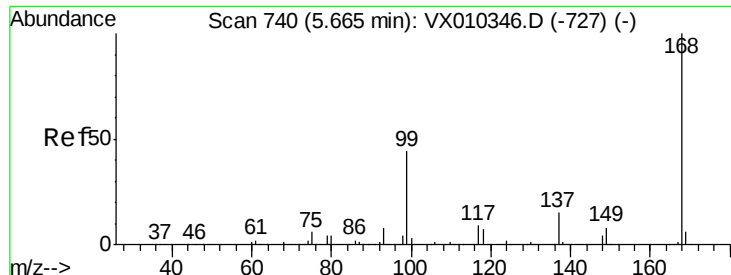
Instrument :
MSVOA_X
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Quant Time: Jun 28 07:45:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

ClientSampled :

FL-0578

Tot Ion:168 Resp: 266753

Ion Ratio Lower Upper

168 100

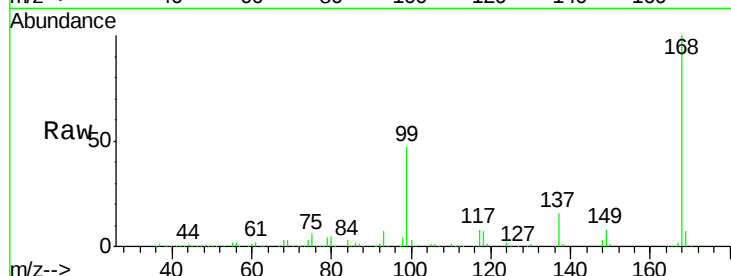
99 46.8 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

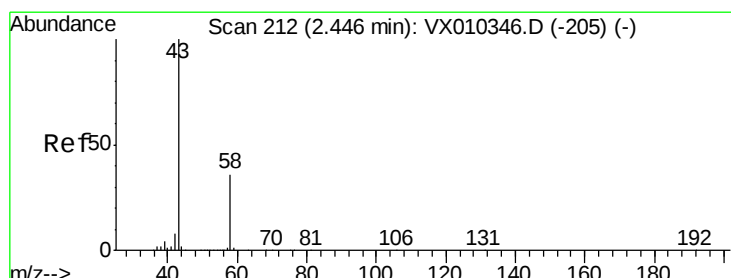
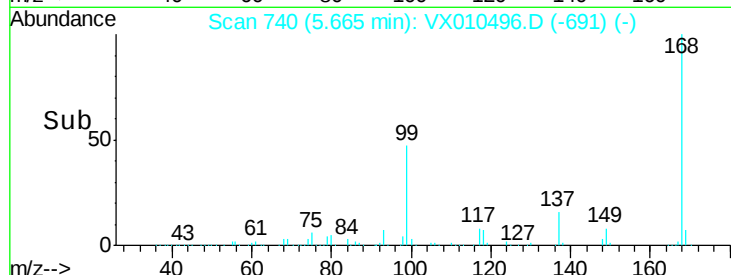
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.681 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010496.D

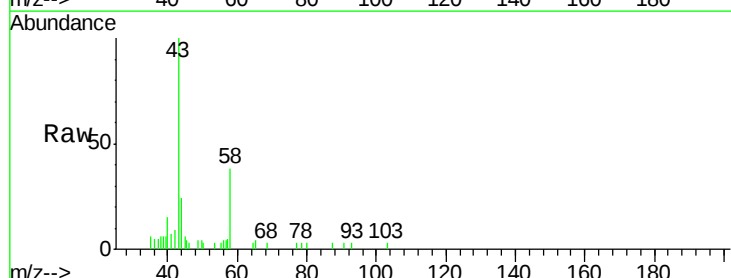
Acq: 27 Jun 2019 18:03

Tgt Ion: 43 Resp: 3361

Ion Ratio Lower Upper

43 100

58 39.5 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

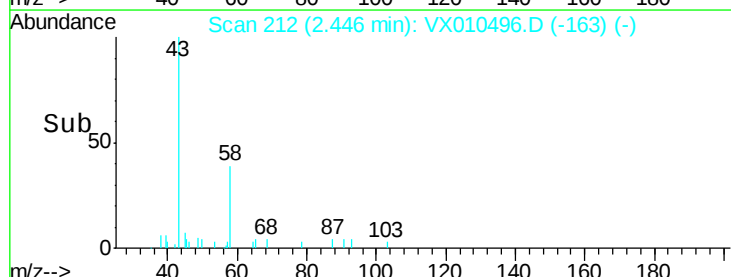
1500

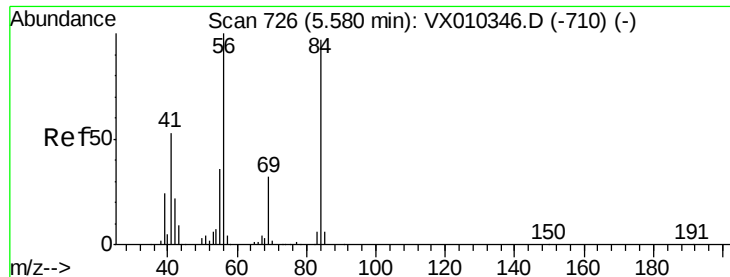
1000

500

0

Time--> 2.40 2.45 2.50





#31

Cyclohexane

Concen: 18.311 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

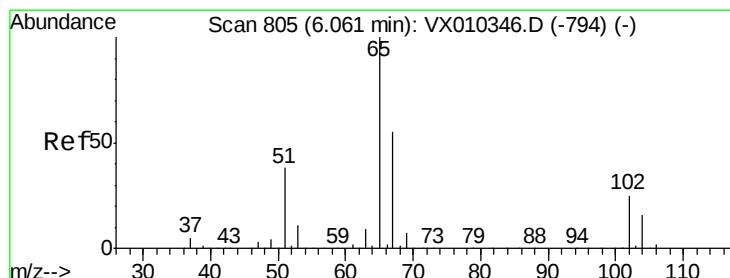
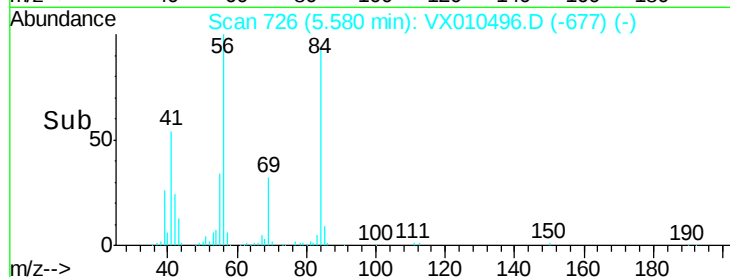
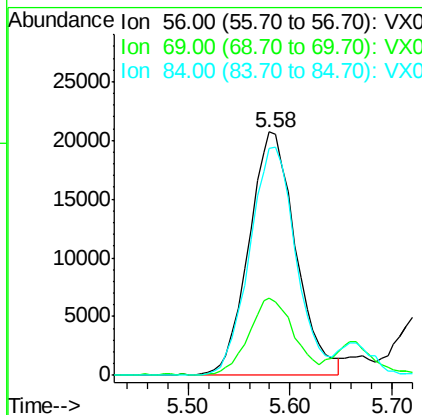
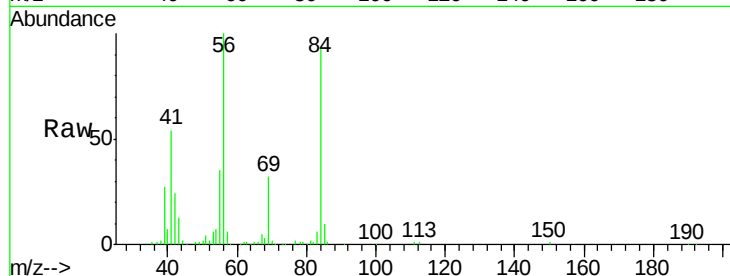
ClientSampled :

FL-0578

Tot Ion:	56	Resp:	66152
Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.9	38.9
84	93.3	78.0	117.0

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#33

1,2-Dichloroethane-d4

Concen: 49.387 ug/l

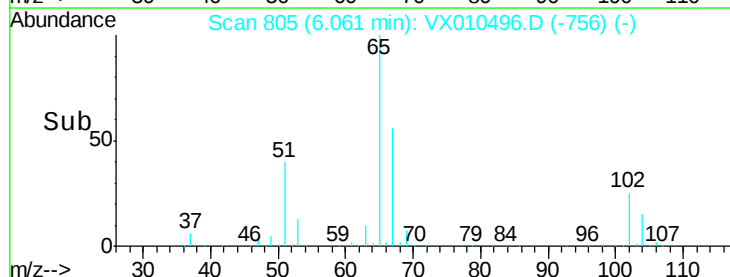
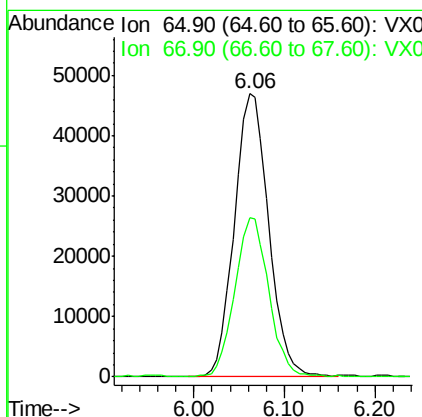
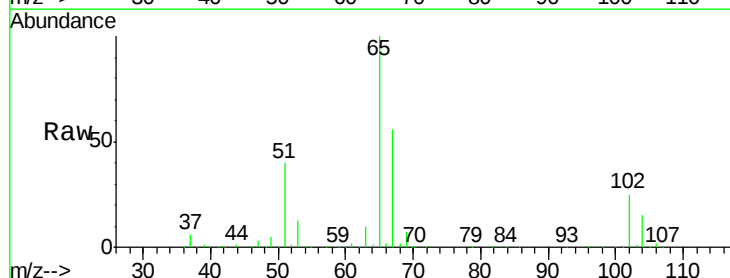
RT: 6.06 min Scan# 805

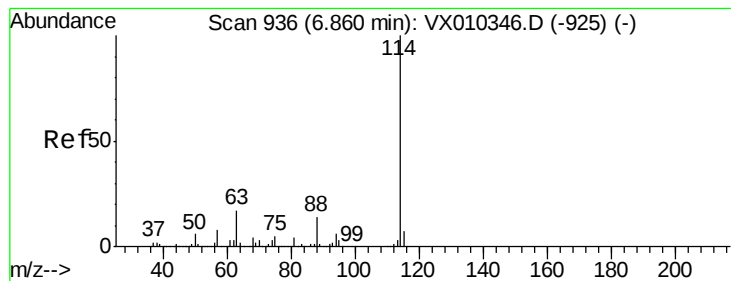
Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Tgt Ion:	65	Resp:	123521
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

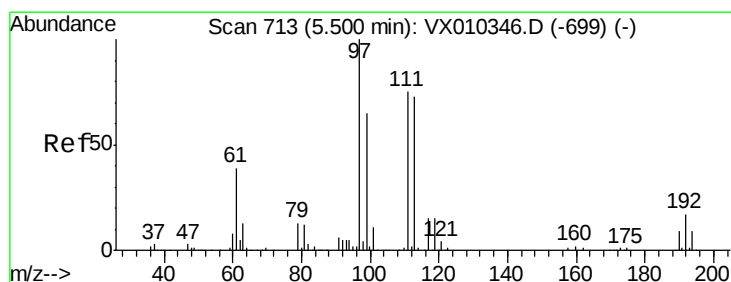
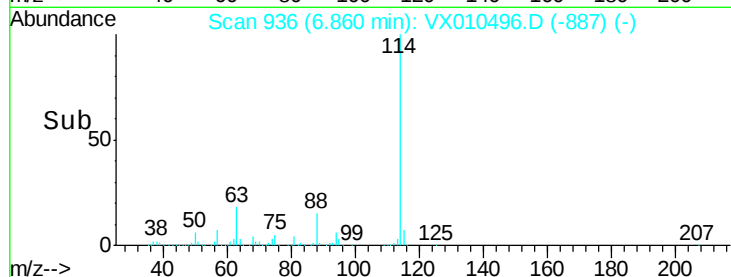
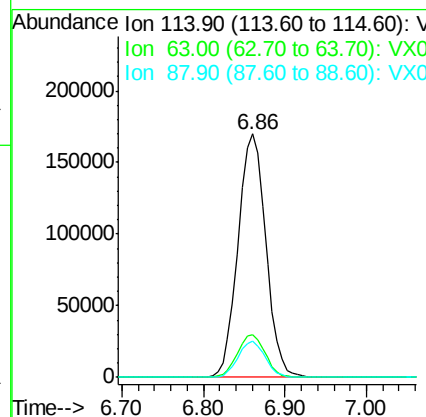
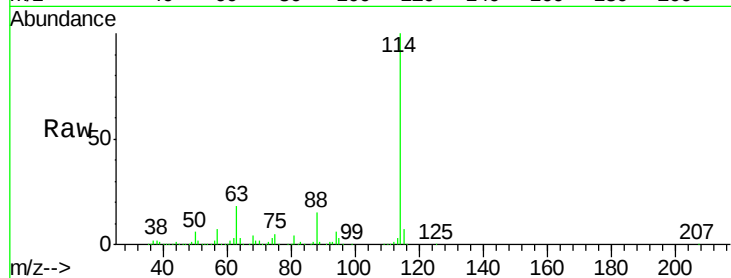
ClientSampleId :

FL-0578

Tot Ion:	114	Resp:	400391
Ion Ratio		Lower	Upper
114	100		
63	17.5	0.0	33.8
88	15.1	0.0	27.6

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#35

Dibromofluoromethane

Concen: 49.150 ug/l

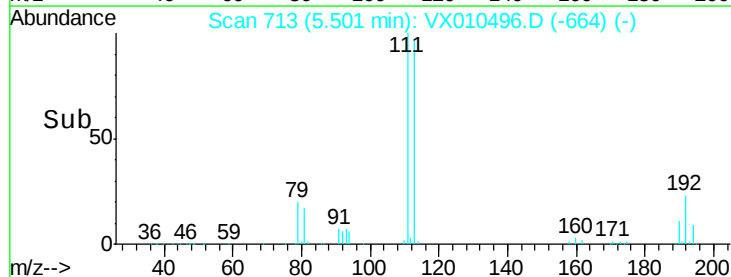
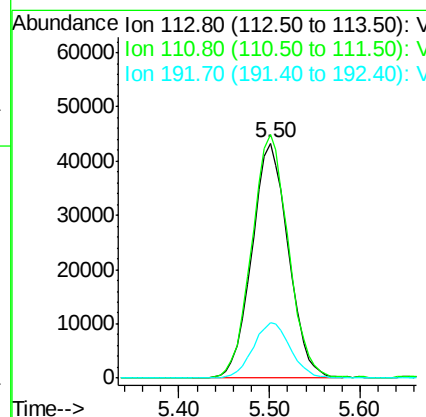
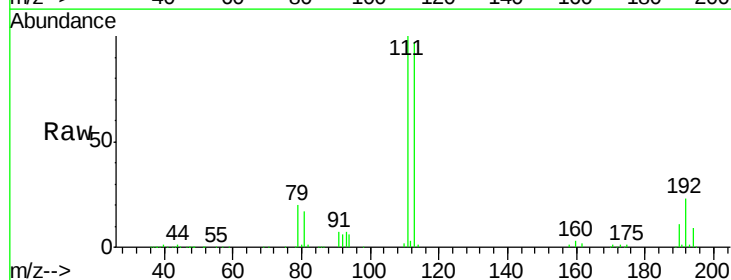
RT: 5.50 min Scan# 713

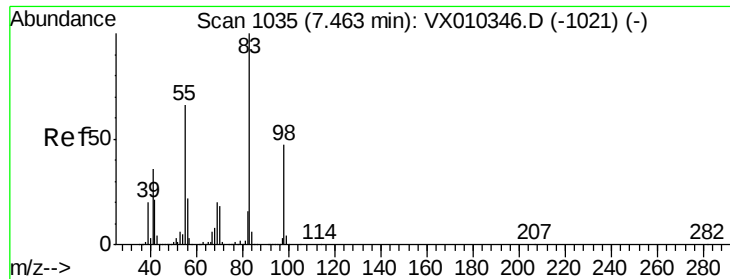
Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Tgt Ion:	113	Resp:	120404
Ion Ratio		Lower	Upper
113	100		
111	104.7	81.2	121.8
192	24.0	18.6	27.8





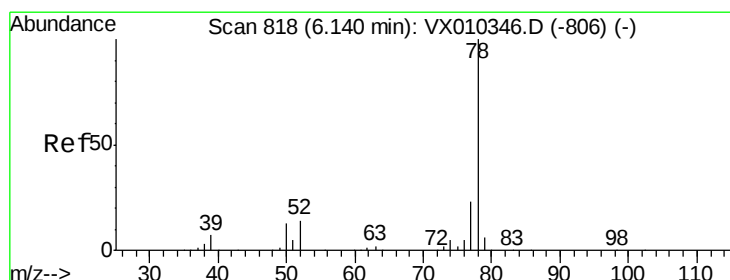
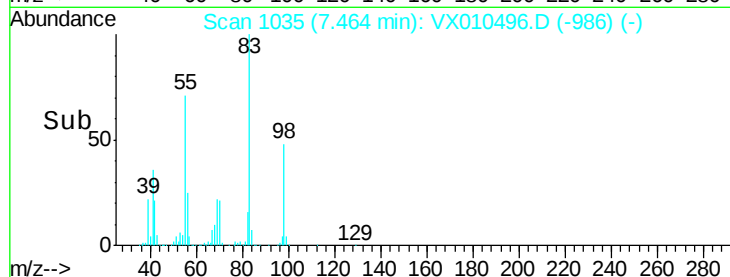
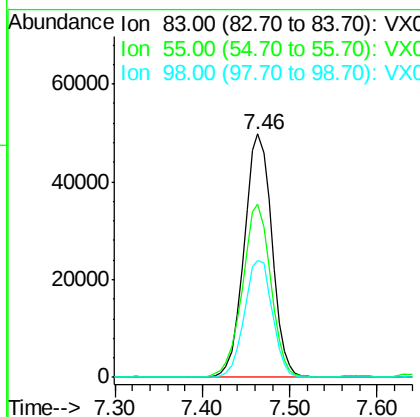
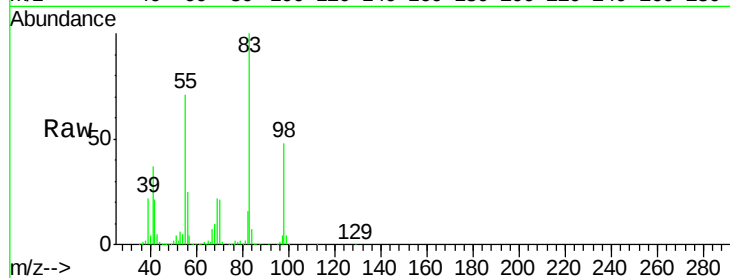
#39
Methvlcvclohexane
Concen: 26.229 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
FL-0578

Tot Ion	Ratio	Resp	Lower	Upper
83	100	109699		
55	70.9	53.0	79.6	
98	48.2	37.8	56.8	

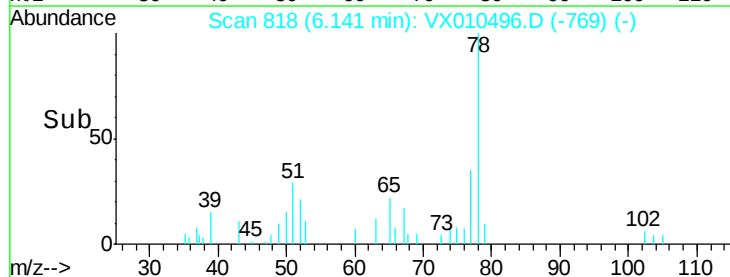
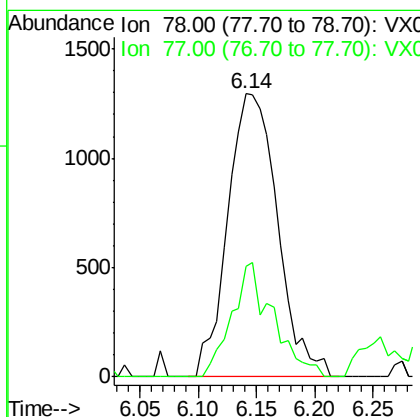
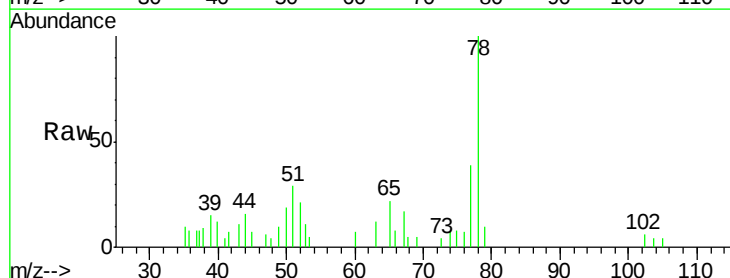
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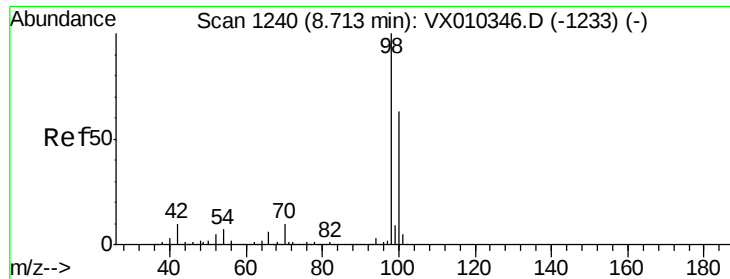
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#40
Benzene
Concen: 0.388 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	3850		
77	39.2	18.6	28.0	#





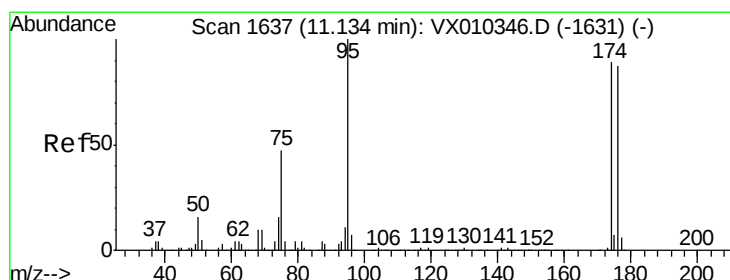
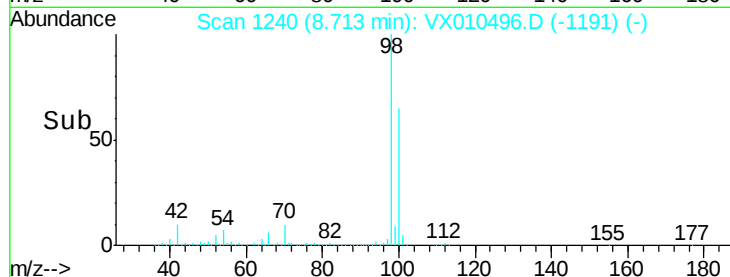
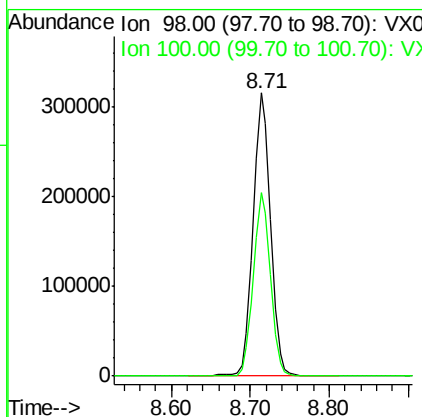
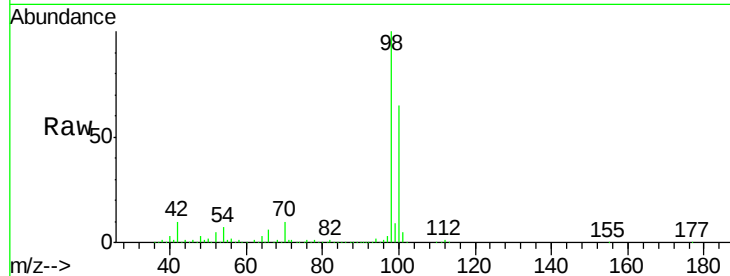
#50
Toluene-d8
Concen: 51.854 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
FL-0578

Tot Ion: 98 Resp: 485987
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

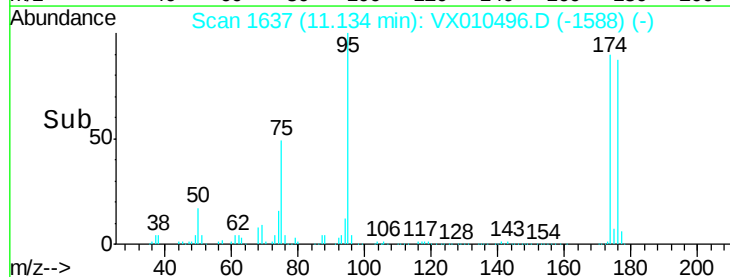
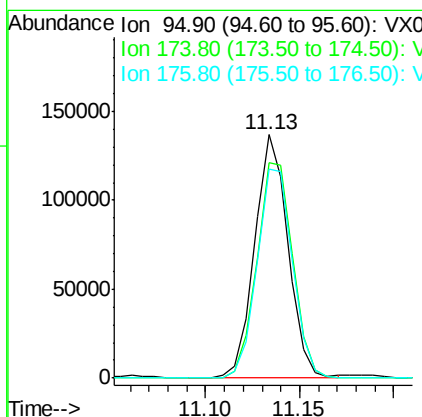
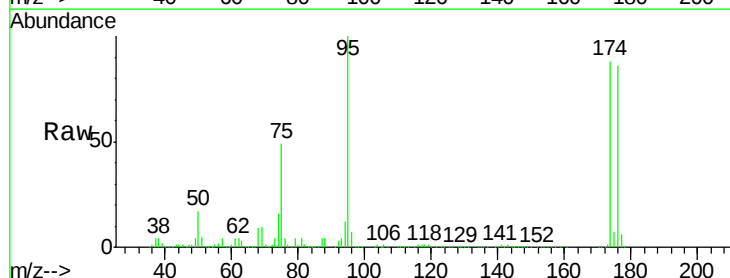
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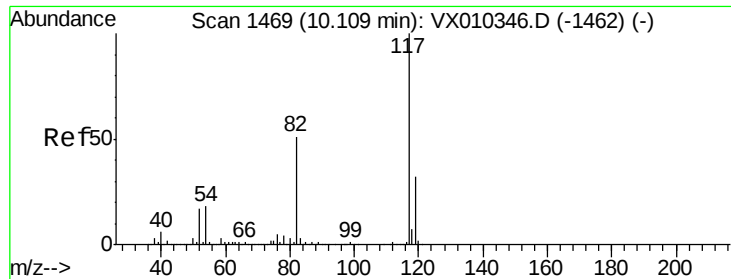
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#62
4-Bromofluorobenzene
Concen: 49.458 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Tgt Ion: 95 Resp: 167349
Ion Ratio Lower Upper
95 100
174 95.7 0.0 187.6
176 92.3 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: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

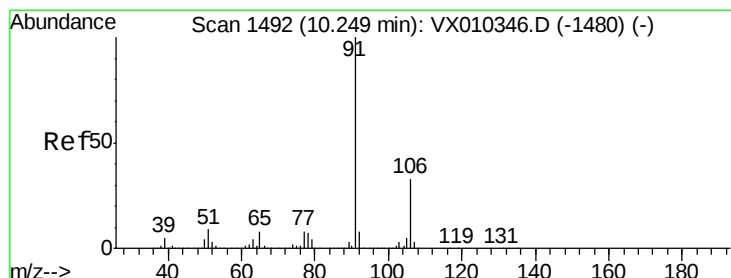
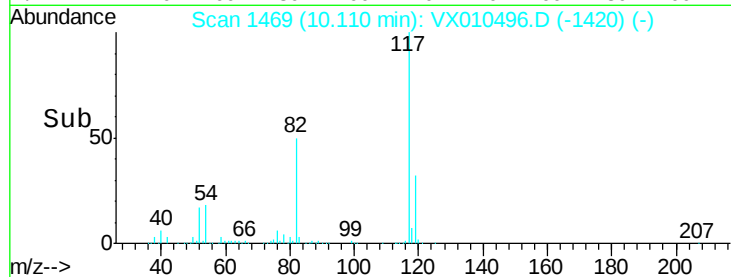
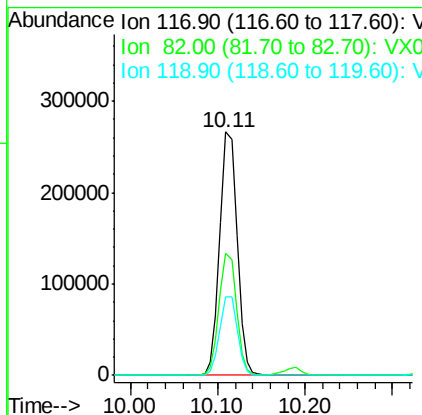
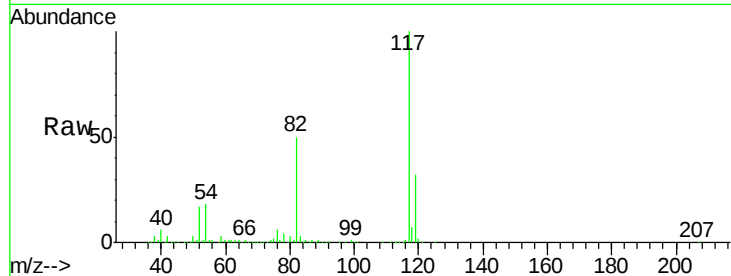
ClientSampleId :

FL-0578

Tot Ion:	117	Resp:	369263
Ion Ratio	Lower	Upper	
117	100		
82	49.9	41.2	61.8
119	32.0	25.5	38.3

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#67

Ethyl Benzene

Concen: 75.865 ug/l

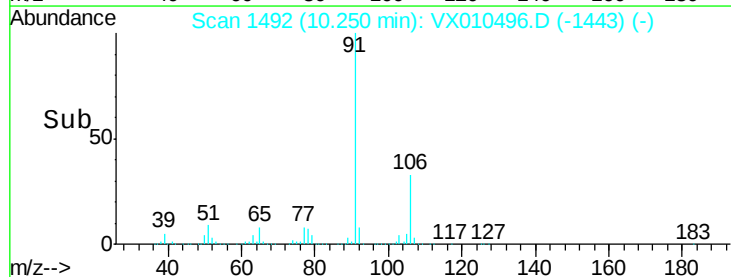
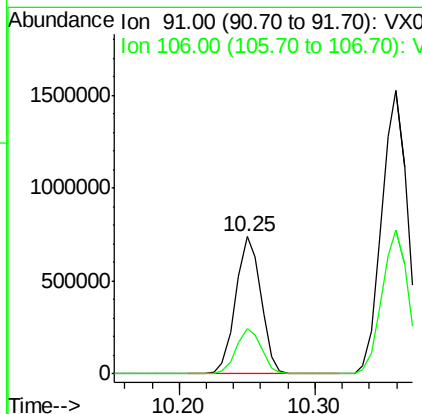
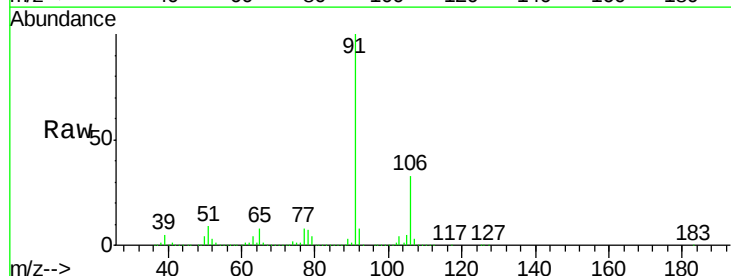
RT: 10.25 min Scan# 1492

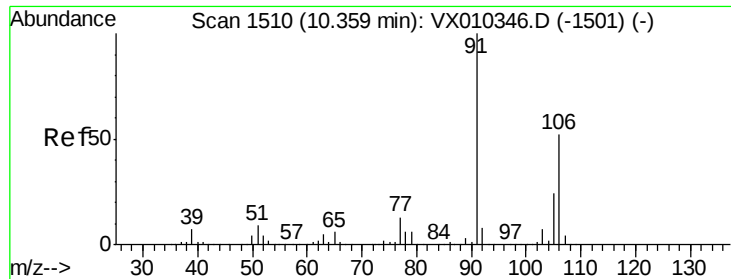
Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Tgt Ion:	91	Resp:	960164
Ion Ratio	Lower	Upper	
91	100		
106	33.3	26.2	39.2





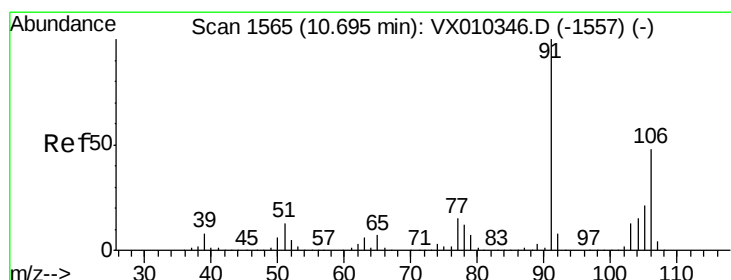
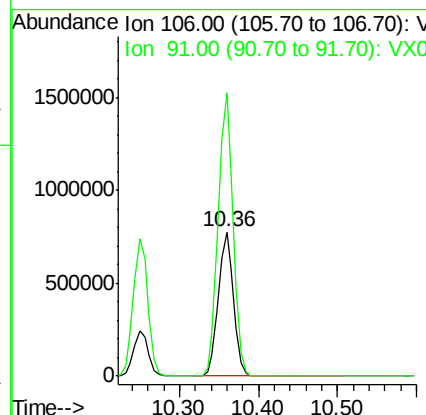
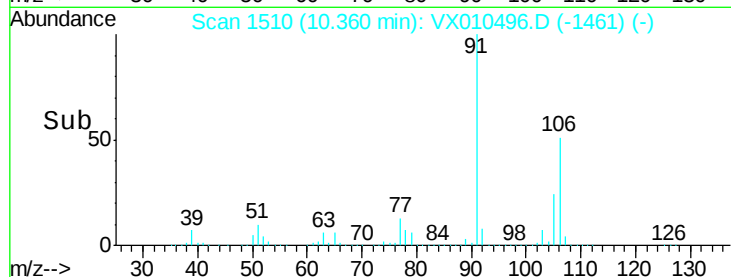
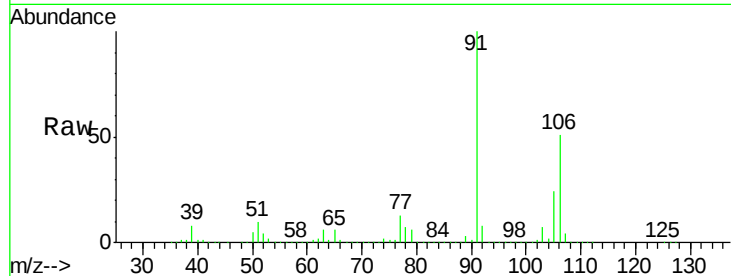
#68
m/p-Xvlenes
Concen: 210.497 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Instrument :
MSVOA_X
ClientSampled :
FL-0578

Tot Ion:106 Resp: 1032263
Ion Ratio Lower Upper
106 100
91 196.2 155.3 232.9

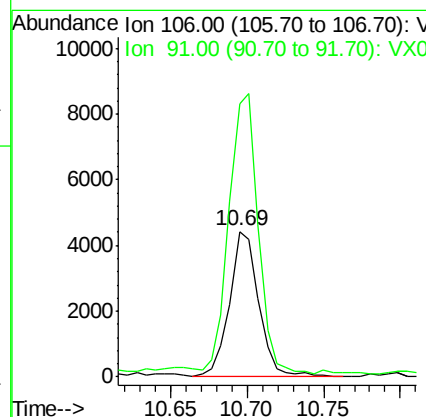
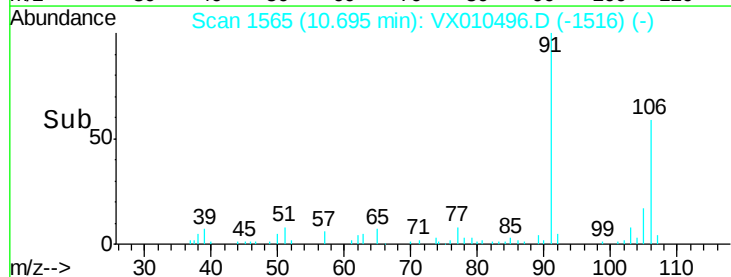
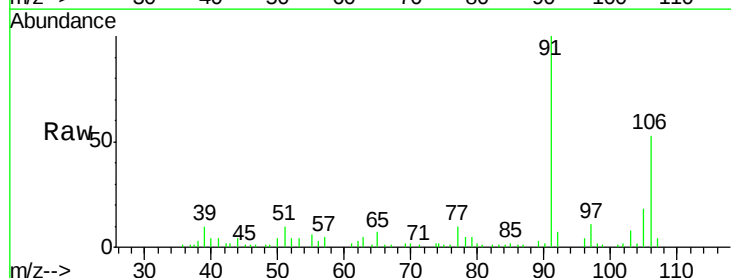
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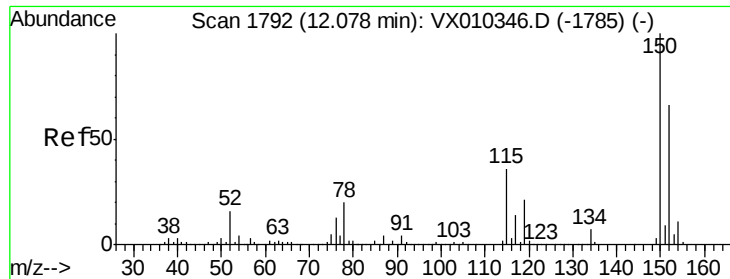
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#69
o-Xylene
Concen: 1.224 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Tgt Ion:106 Resp: 5905
Ion Ratio Lower Upper
106 100
91 189.9 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

ClientSampled :

FL-0578

Tot Ion:152 Resp: 185989

Ion Ratio Lower Upper

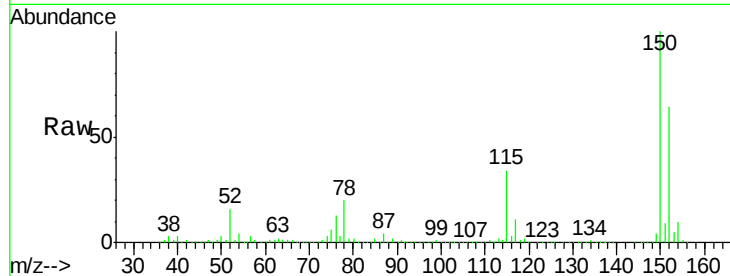
152 100

115 57.3 38.6 115.7

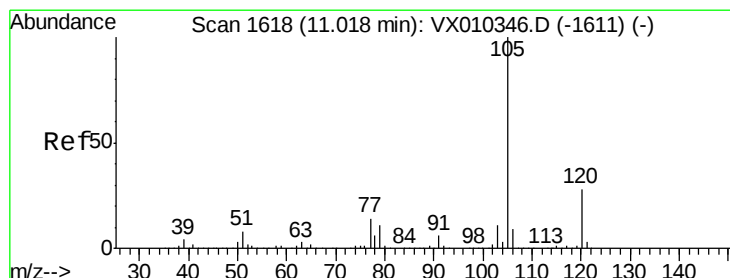
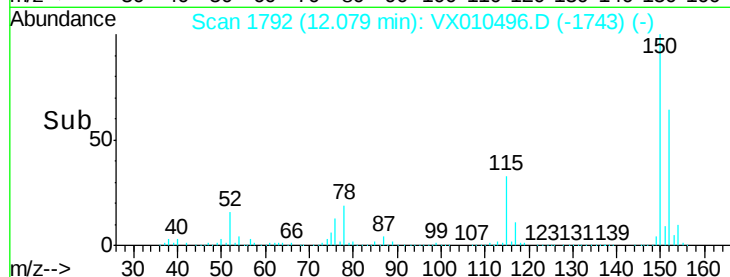
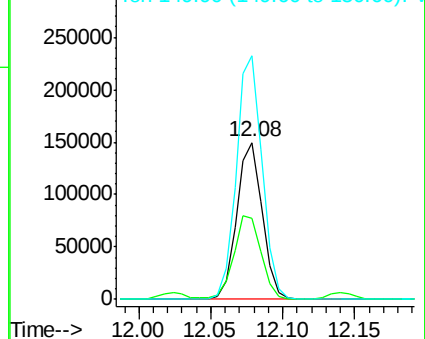
150 156.5 0.0 347.4

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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: 15.778 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010496.D

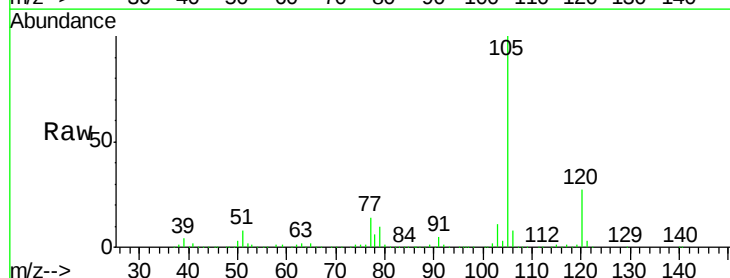
Acq: 27 Jun 2019 18:03

Tgt Ion:105 Resp: 198923

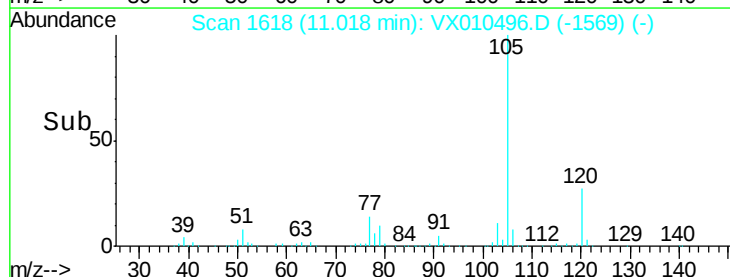
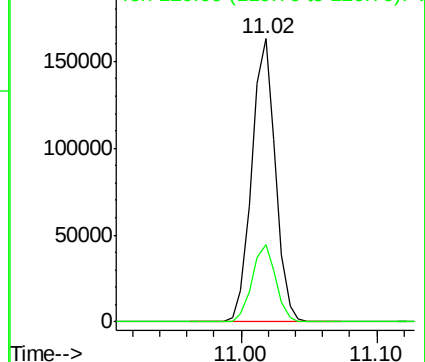
Ion Ratio Lower Upper

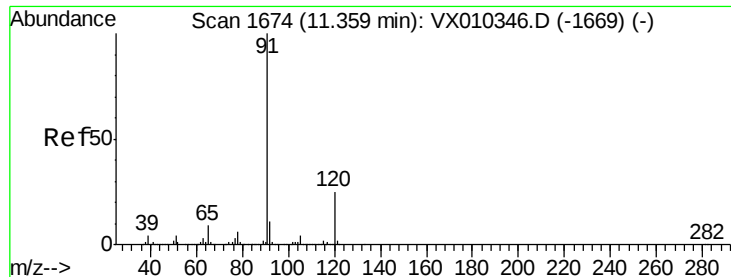
105 100

120 27.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 20.188 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

FL-0578

Tot Ion: 91 Resp: 279741

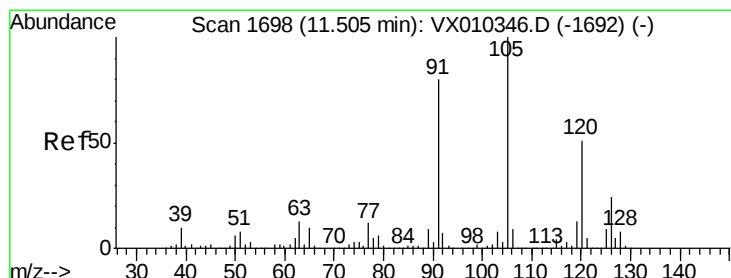
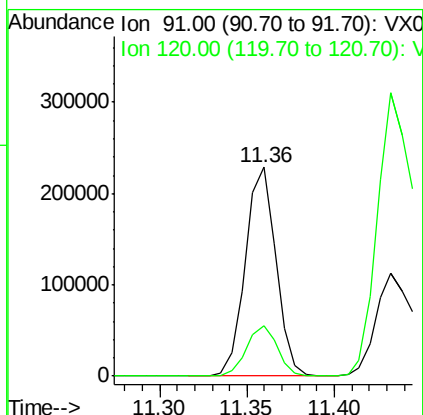
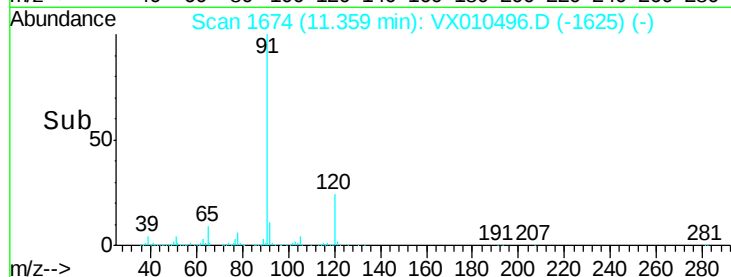
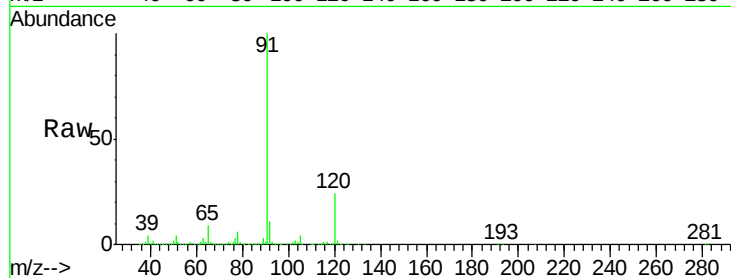
Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.4

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#80

1,3,5-Trimethylbenzene

Concen: 81.648 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010496.D

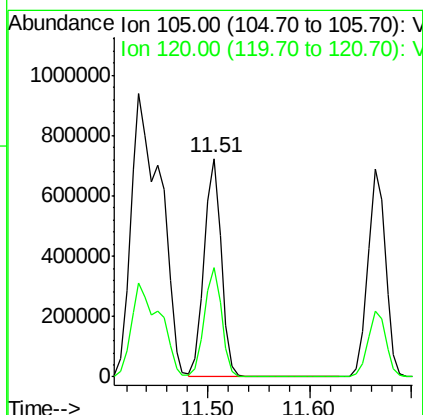
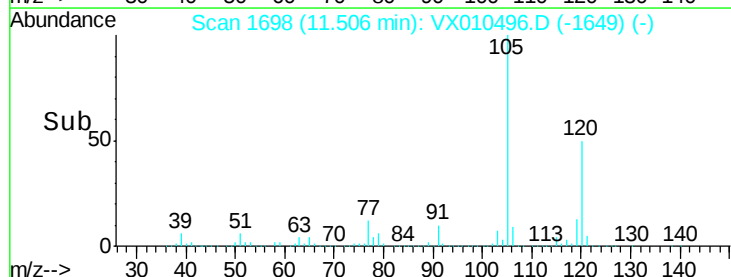
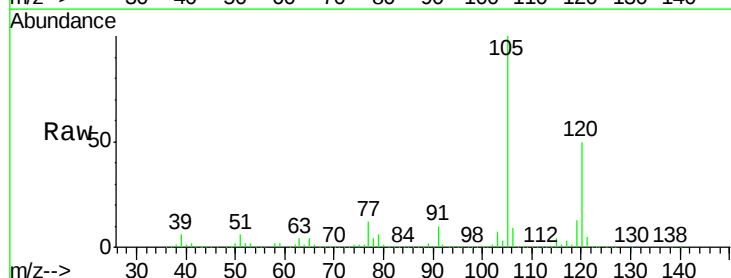
Acq: 27 Jun 2019 18:03

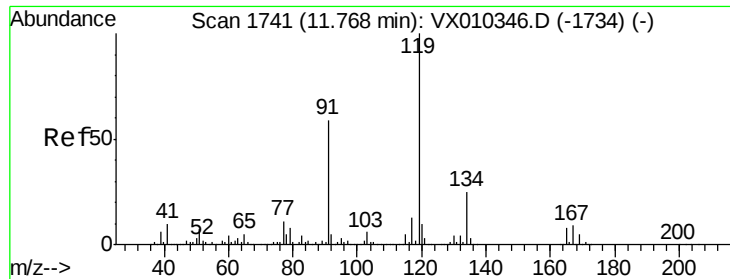
Tgt Ion: 105 Resp: 848614

Ion Ratio Lower Upper

105 100

120 50.5 25.2 75.6





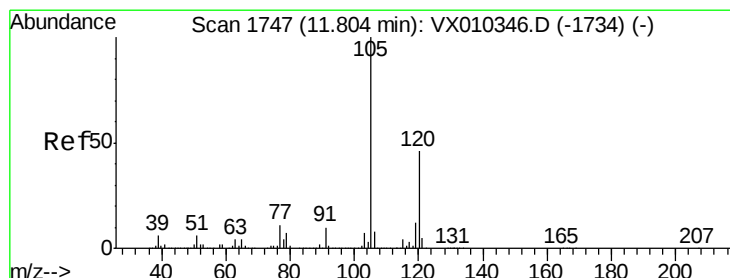
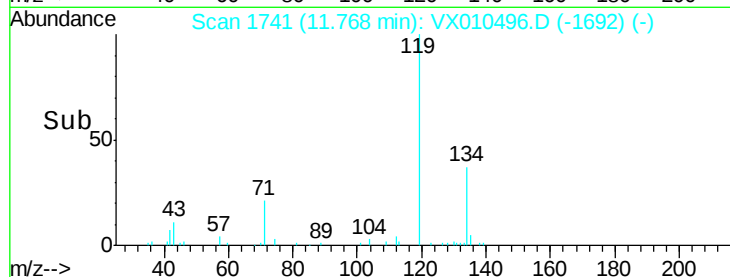
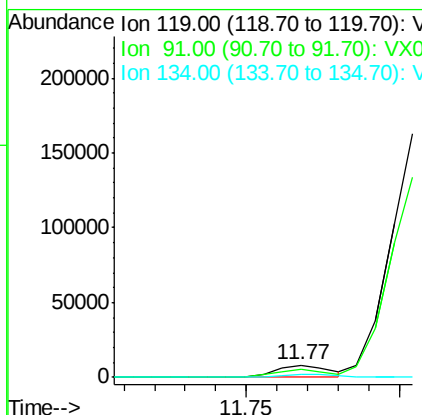
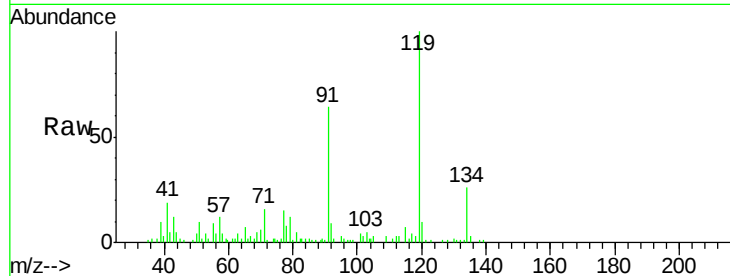
#83
tert-Butylbenzene
Concen: 0.956 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
FL-0578

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.2	27.6	82.7
134	26.4	11.8	35.4

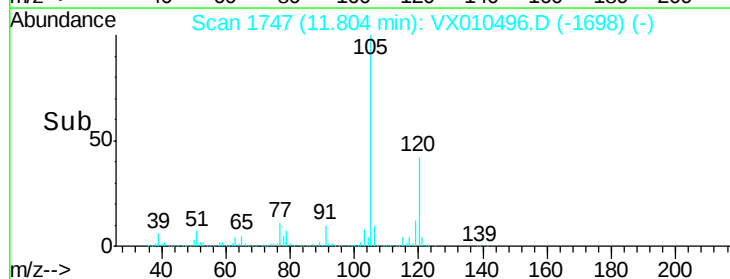
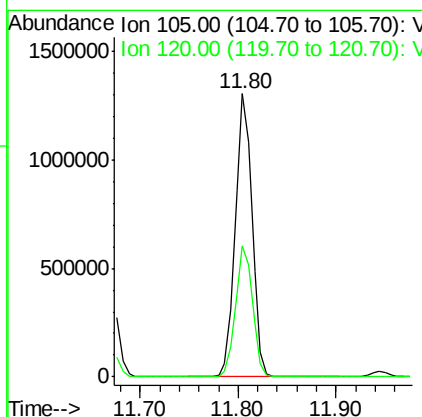
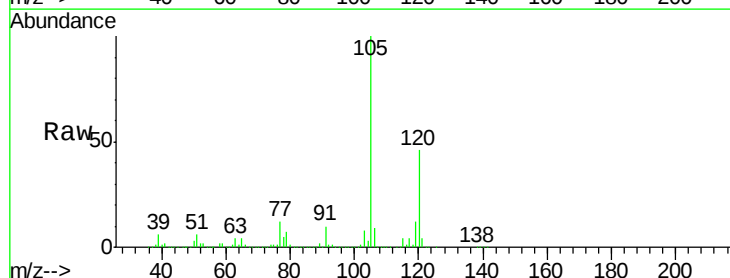
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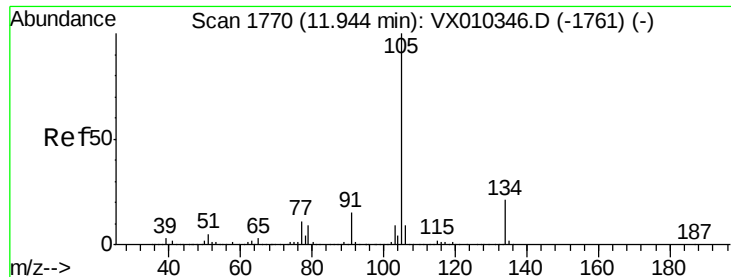
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#84
1,2,4-Trimethylbenzene
Concen: 148.415 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 2.775 ug/l m

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

FL-0578

Tot Ion:105 Resp: 33987

Ion Ratio Lower Upper

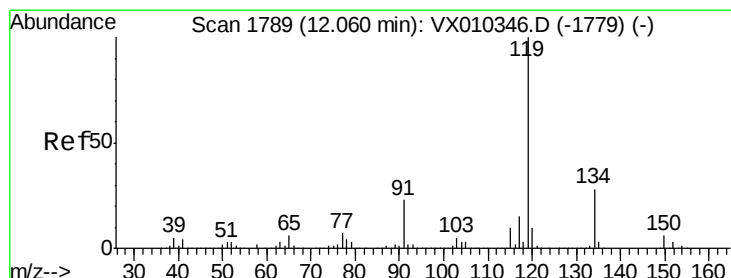
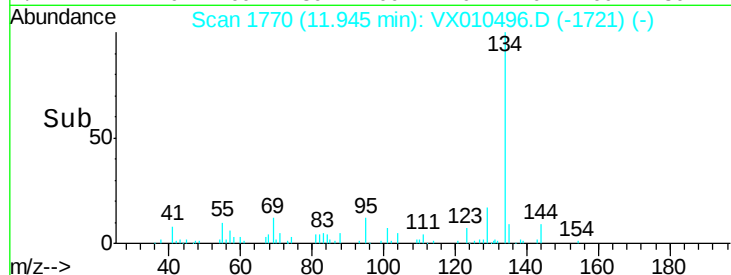
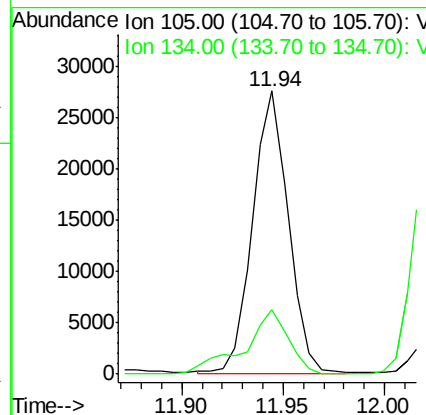
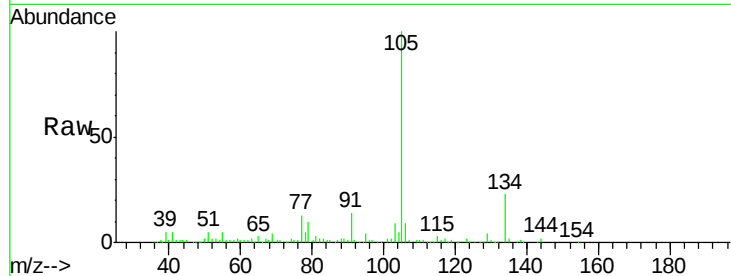
105 100

134 0.0 10.7 31.9#

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#86

p-Isopropyltoluene

Concen: 5.446 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010496.D

Acq: 27 Jun 2019 18:03

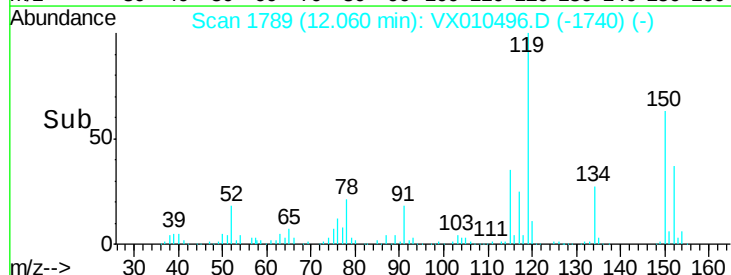
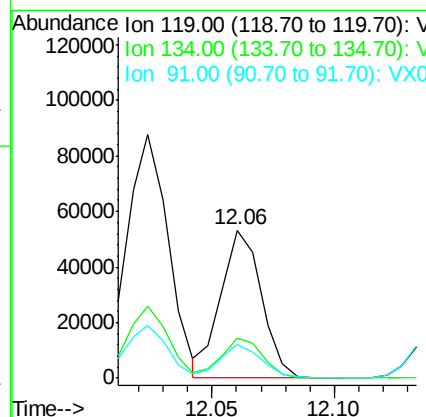
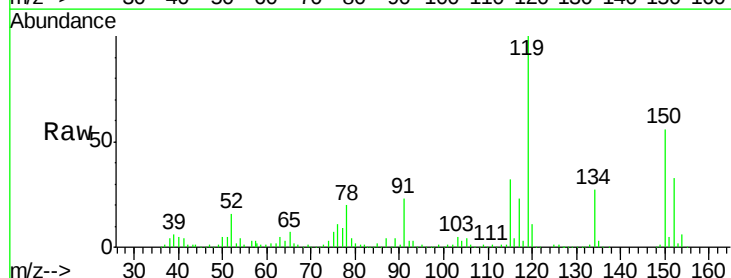
Tgt Ion:119 Resp: 61702

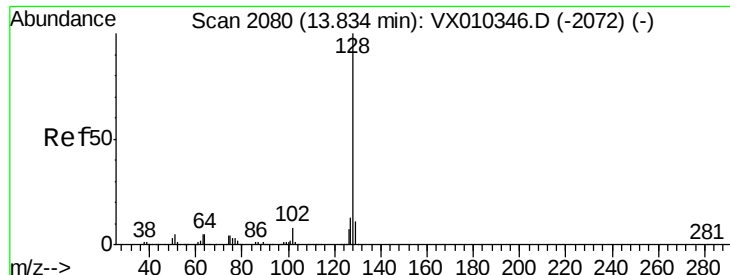
Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

91 22.7 11.3 33.8





#95
Naphthalene
Concen: 44.703 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010496.D
Acq: 27 Jun 2019 18:03

Instrument :
MSVOA_X
ClientSampleId :
FL-0578

Tot Ion	Ratio	Resp	Lower	Upper
128	100	581841		
127	12.9		10.2	15.4
129	11.1		8.9	13.3

Manual Integrations
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