

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010488.D
 Acq On : 27 Jun 2019 14:56
 Operator : JC/SP
 Sample : K3565-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0569

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:37:45 AM

Quant Time: Jun 28 07:26:34 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	250988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	117587	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
35) Dibromofluoromethane	5.50	113	117347	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
50) Toluene-d8	8.71	98	454072	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.13	95	159690	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	3127m	2.651	ug/l	
31) Cyclohexane	5.58	56	220897	64.986	ug/l	98
39) Methylcyclohexane	7.46	83	91397	22.792	ug/l	97
40) Benzene	6.14	78	449299	47.273	ug/l	99
52) Toluene	8.79	92	12037	1.923	ug/l	98
67) Ethyl Benzene	10.25	91	1892549	156.033	ug/l	99
68) m/p-Xylenes	10.36	106	775809	165.075	ug/l	100
69) o-Xylene	10.69	106	6191	1.340	ug/l	97
73) Isopropylbenzene	11.02	105	220428	18.616	ug/l	99
78) n-propylbenzene	11.36	91	293731	22.571	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	23548	2.412	ug/l	98
83) tert-Butylbenzene	11.77	119	6664	0.680	ug/l	82
84) 1,2,4-Trimethylbenzene	11.80	105	817294	83.338	ug/l	98
85) sec-Butylbenzene	11.94	105	24913	2.166	ug/l	97
86) p-Isopropyltoluene	12.06	119	17475	1.642	ug/l	97
89) n-Butylbenzene	12.38	91	8436m	0.933	ug/l	
95) Naphthalene	13.83	128	404674	33.105	ug/l	100

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

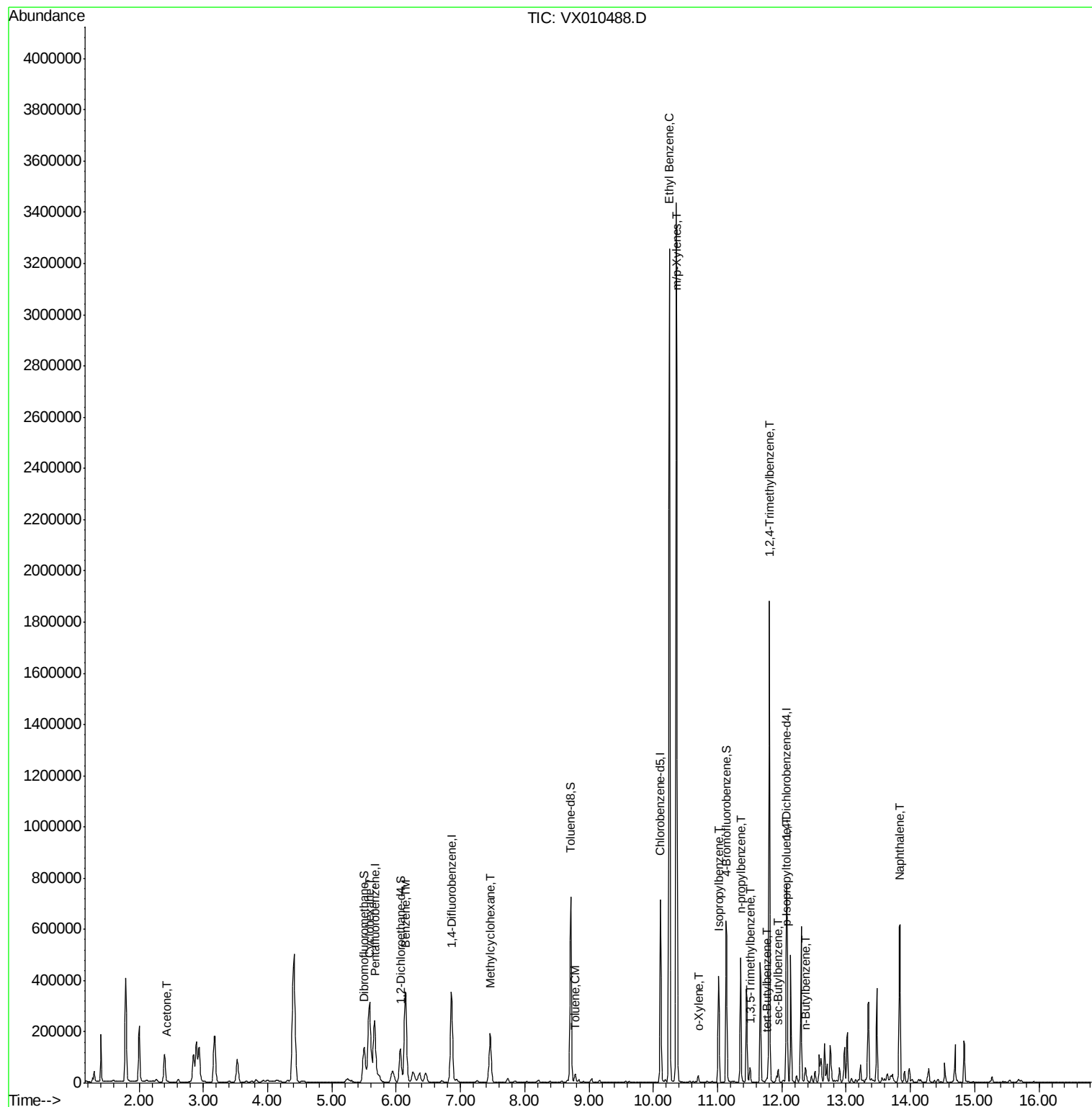
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062719\
Data File : VX010488.D
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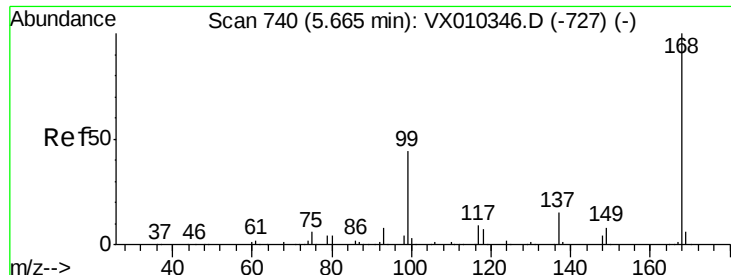
Instrument :
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FL-0569

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Quant Time: Jun 28 07:26:34 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# 740

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

ClientSampled :

FL-0569

Tot Ion:168 Resp: 250988

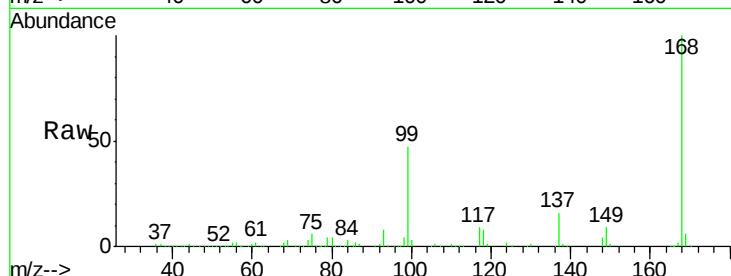
Ion Ratio Lower Upper

168 100

99 47.3 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

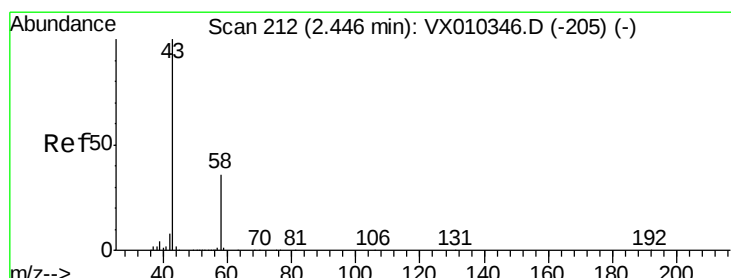
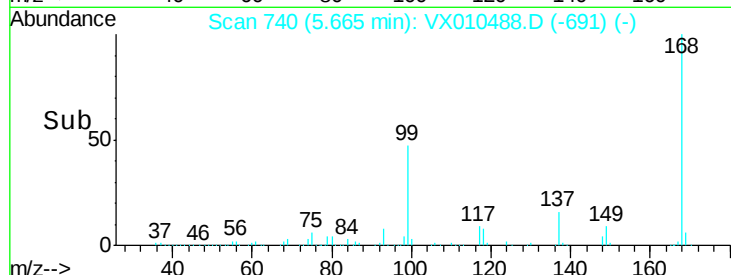
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.651 ug/l m

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010488.D

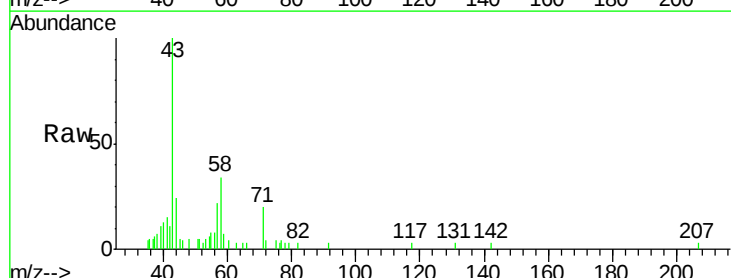
Acq: 27 Jun 2019 14:56

Tgt Ion: 43 Resp: 3127

Ion Ratio Lower Upper

43 100

58 33.9 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

20000

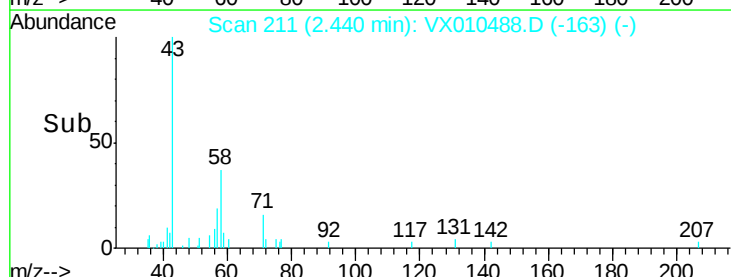
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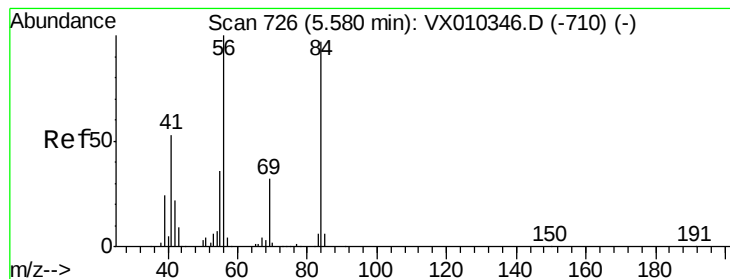
10000

5000

0

Time--> 2.40 2.45 2.50





#31

Cyclohexane

Concen: 64.986 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

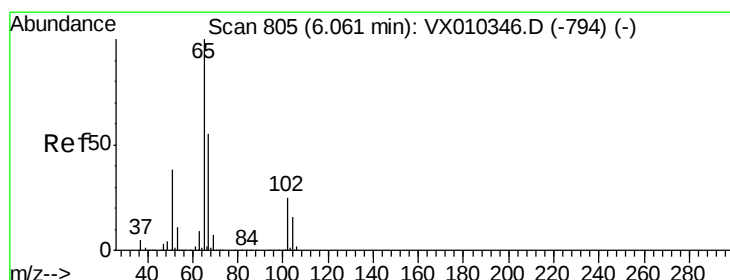
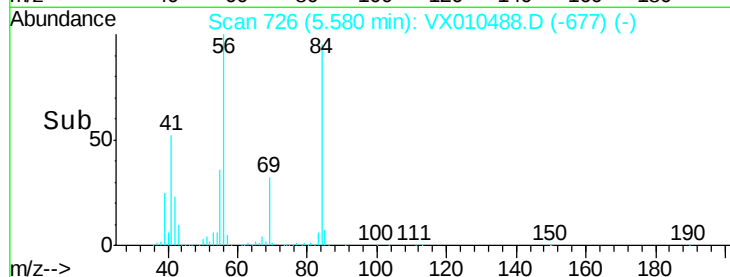
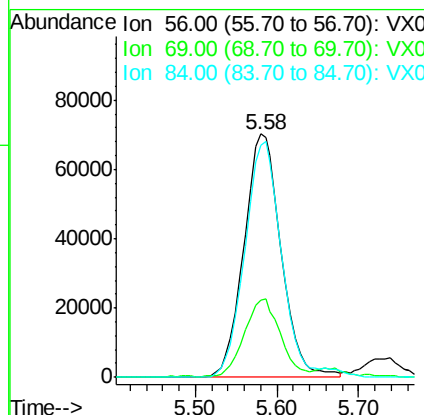
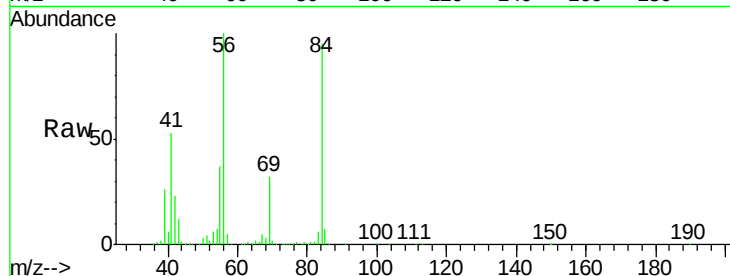
ClientSampleId :

FL-0569

Tot Ion:	56	Resp:	220897
Ion Ratio	Lower	Upper	
56	100		
69	31.3	25.9	38.9
84	95.3	78.0	117.0

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#33

1,2-Dichloroethane-d4

Concen: 49.968 ug/l

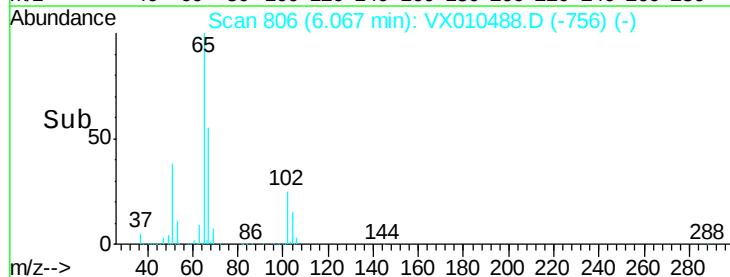
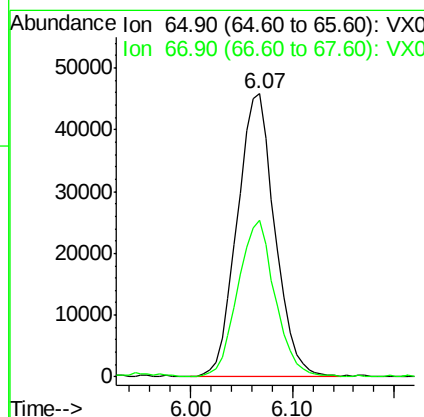
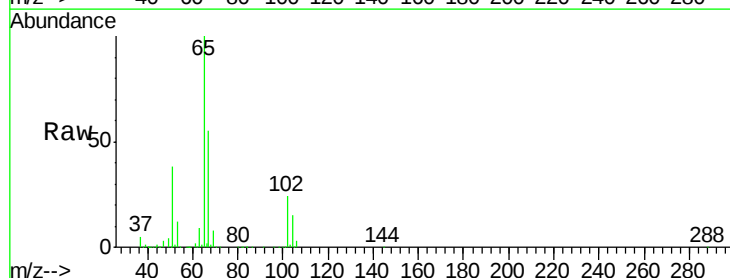
RT: 6.07 min Scan# 806

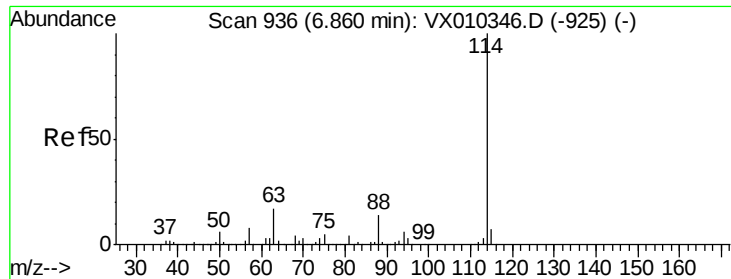
Delta R.T. 0.01 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Tgt Ion:	65	Resp:	117587
Ion Ratio	Lower	Upper	
65	100		
67	54.4	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: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

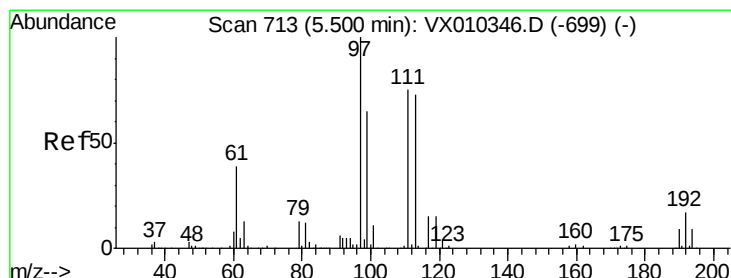
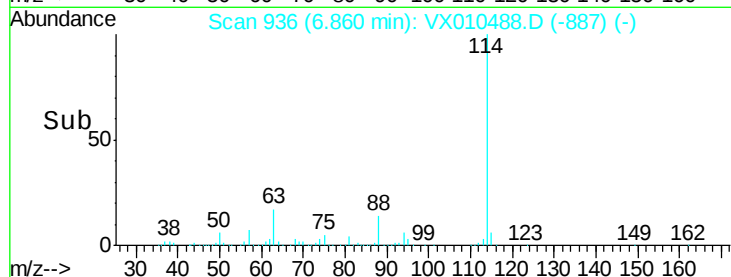
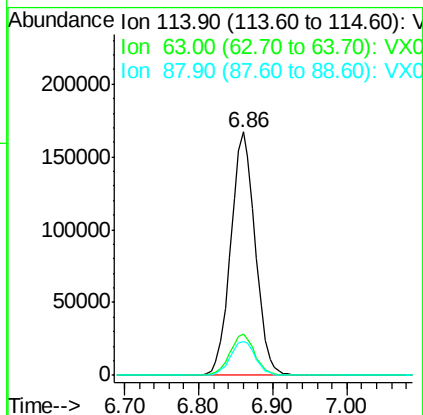
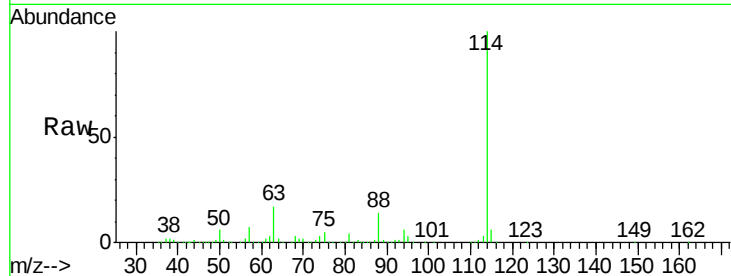
ClientSampleId :

FL-0569

Tot Ion:	114	Resp:	383904
Ion Ratio		Lower	Upper
114	100		
63	16.9	0.0	33.8
88	14.0	0.0	27.6

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#35

Dibromofluoromethane

Concen: 49.959 ug/l

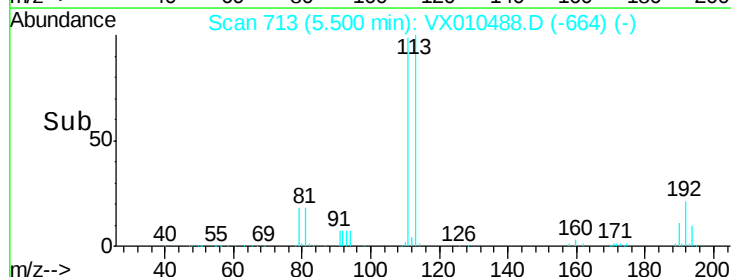
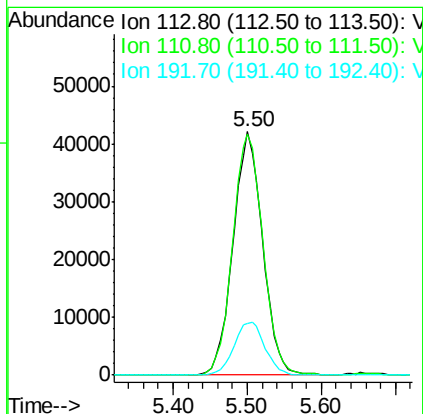
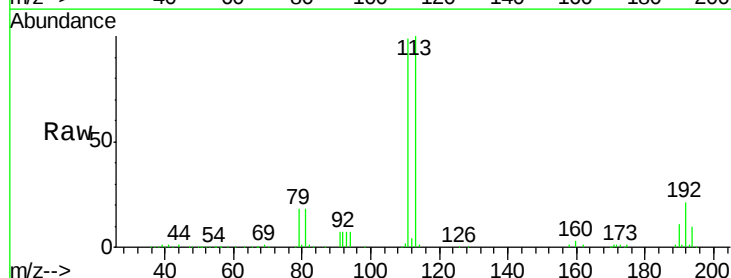
RT: 5.50 min Scan# 713

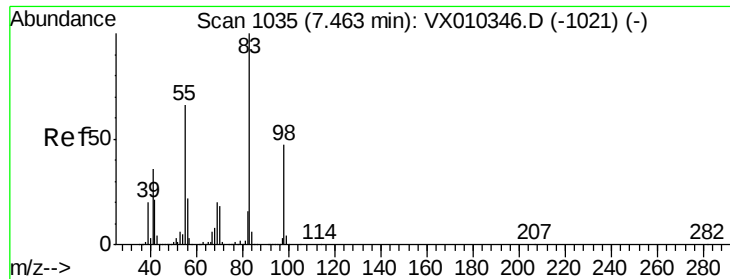
Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Tgt Ion:	113	Resp:	117347
Ion Ratio		Lower	Upper
113	100		
111	101.1	81.2	121.8
192	22.8	18.6	27.8





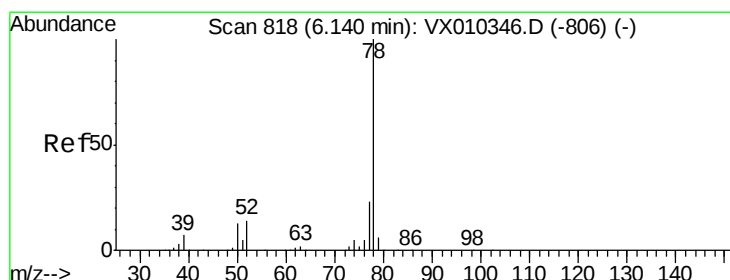
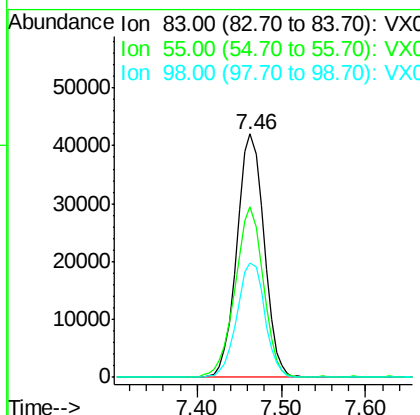
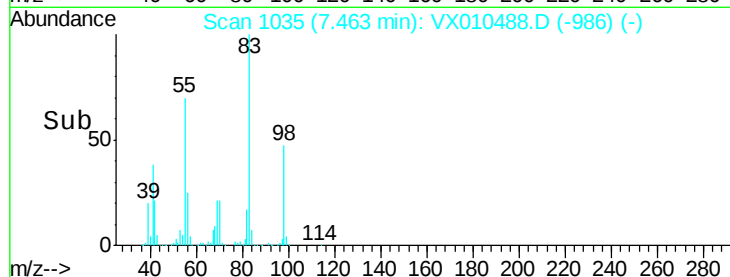
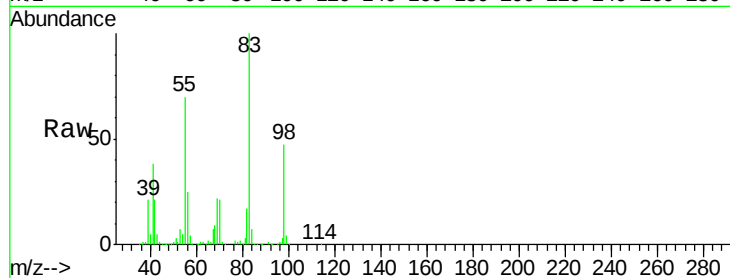
#39
Methvlcvclohexane
Concen: 22.792 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Instrument :
MSVOA_X
ClientSampled :
FL-0569

Tot Ion	83	Resp	91397
Ion	Ratio	Lower	Upper
83	100		
55	69.8	53.0	79.6
98	47.1	37.8	56.8

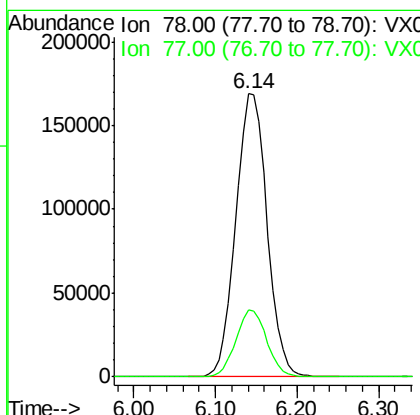
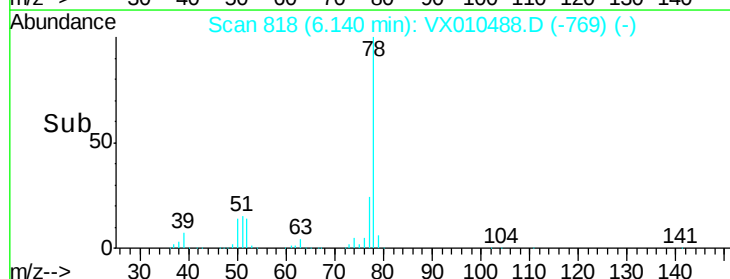
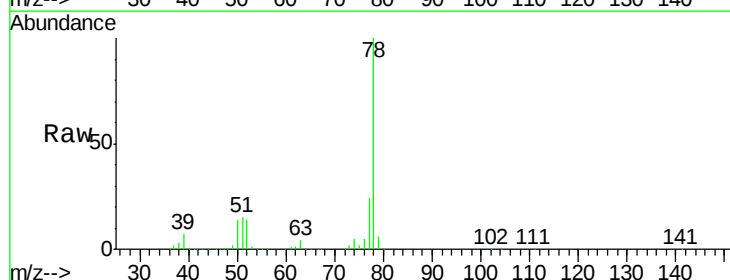
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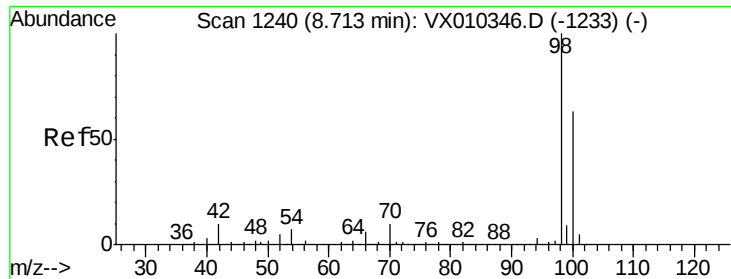
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#40
Benzene
Concen: 47.273 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion	78	Resp	449299
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0





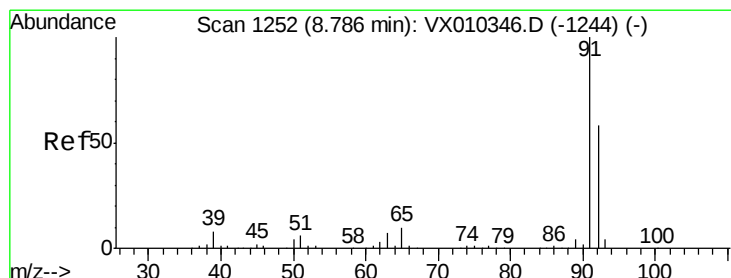
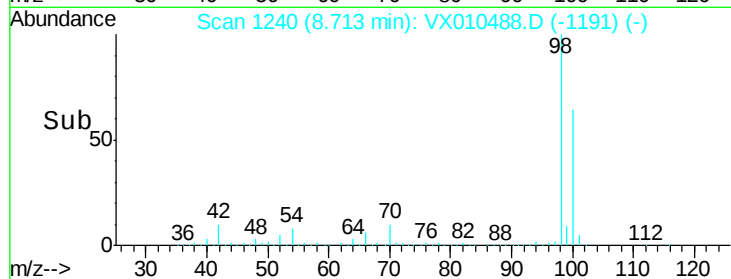
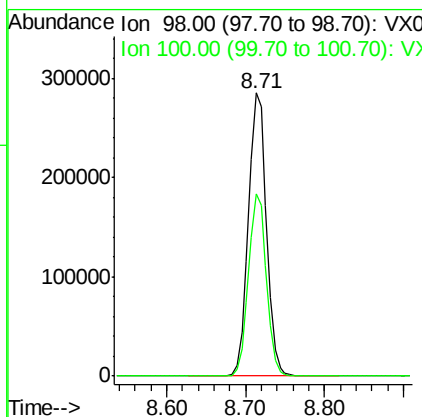
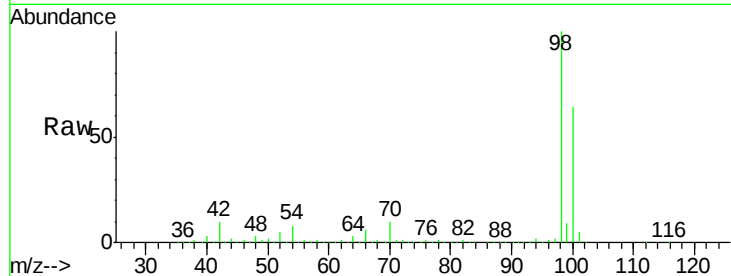
#50
Toluene-d8
Concen: 50.529 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion: 98 Resp: 454072
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

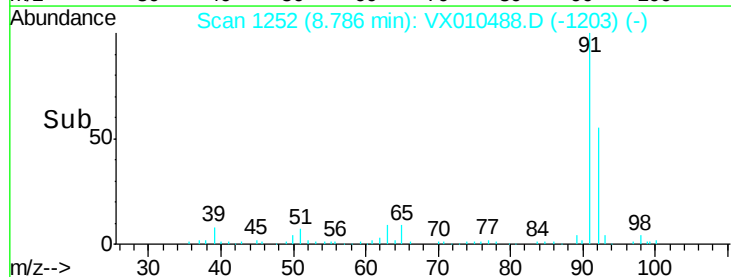
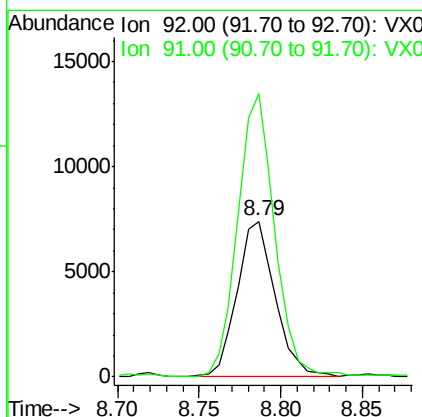
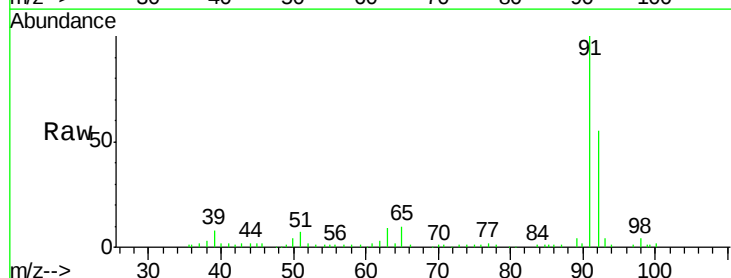
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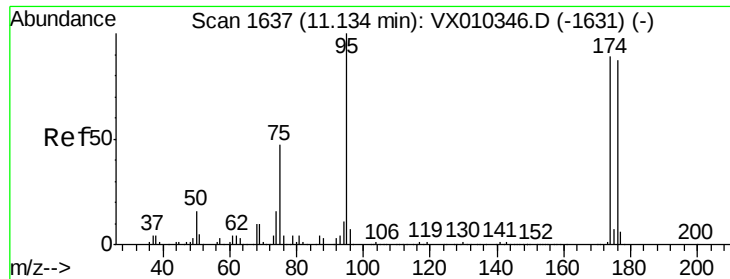
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#52
Toluene
Concen: 1.923 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion: 92 Resp: 12037
Ion Ratio Lower Upper
92 100
91 177.2 139.8 209.6





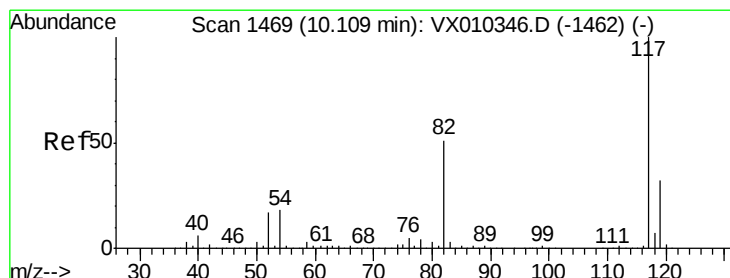
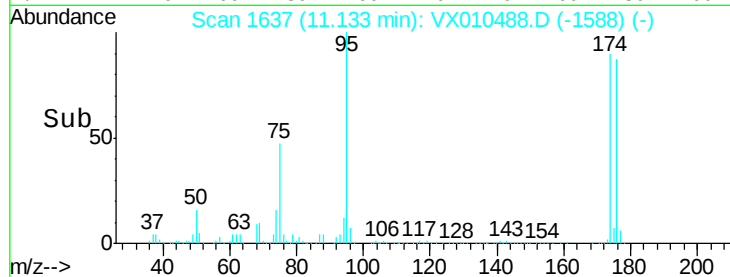
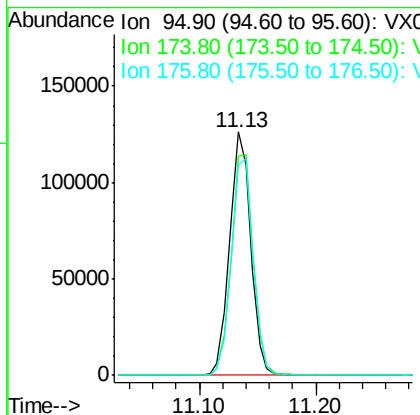
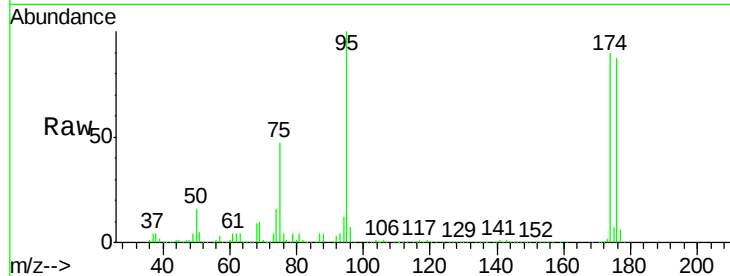
#62
4-Bromofluorobenzene
Concen: 49.222 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
95	100	159690		
174	94.4	0.0	187.6	
176	92.3	0.0	184.0	

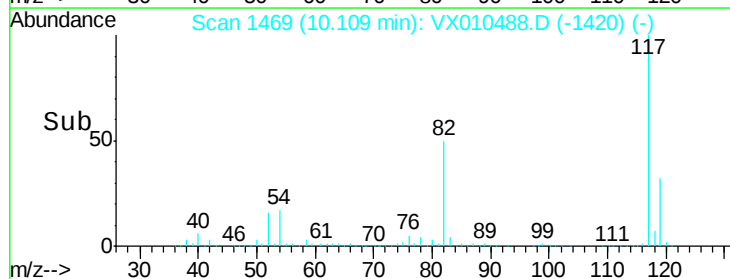
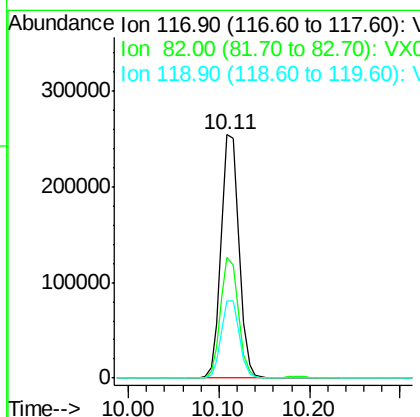
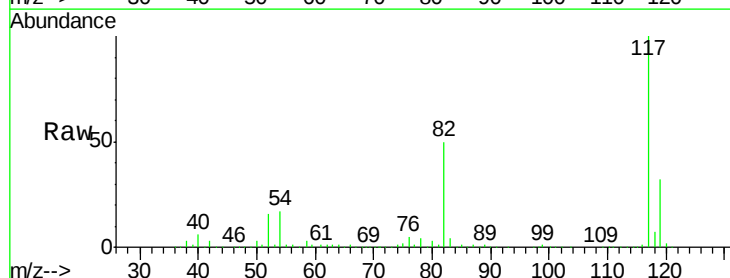
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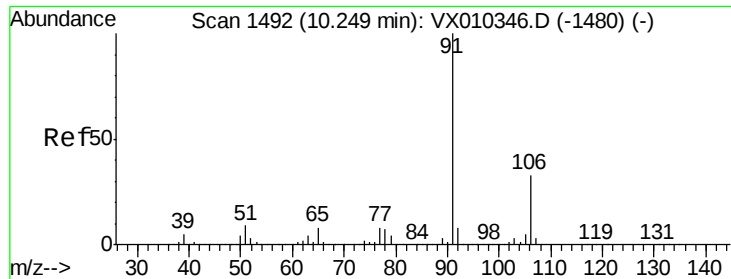
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	353887		
82	49.7	41.2	61.8	
119	31.7	25.5	38.3	





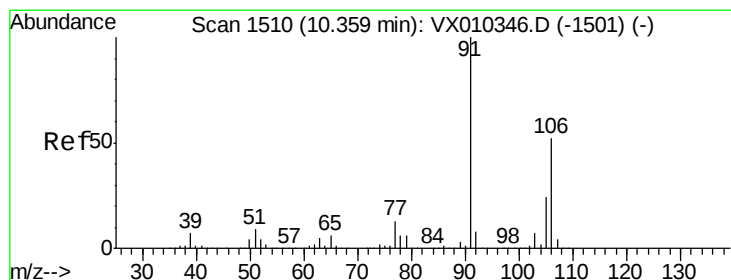
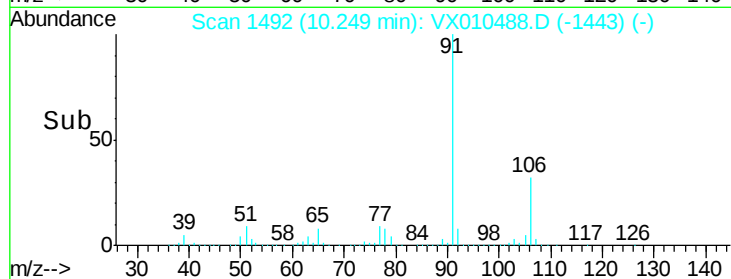
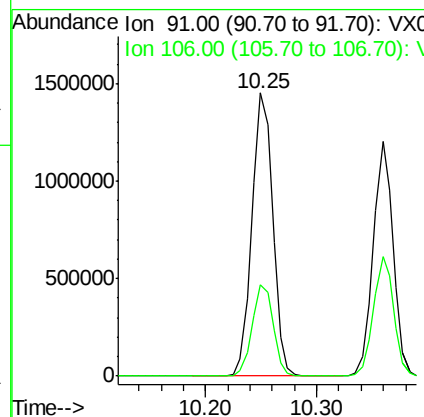
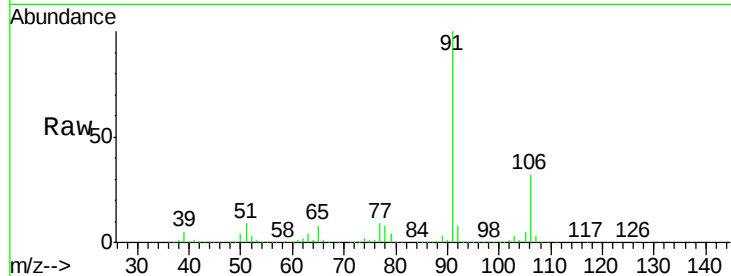
#67
Ethyl Benzene
Concen: 156.033 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion: 91 Resp: 1892549
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.2

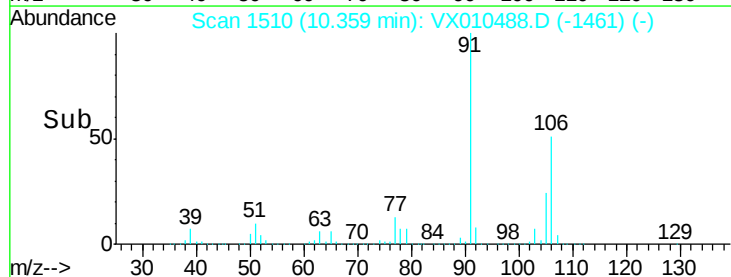
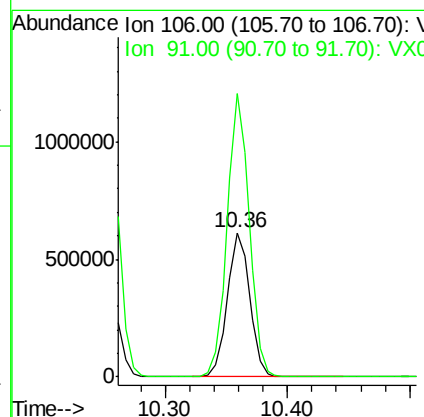
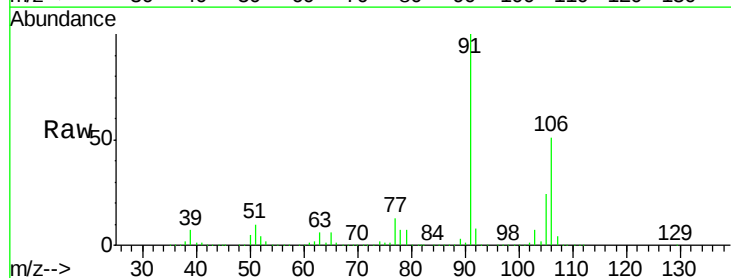
Manual Integrations
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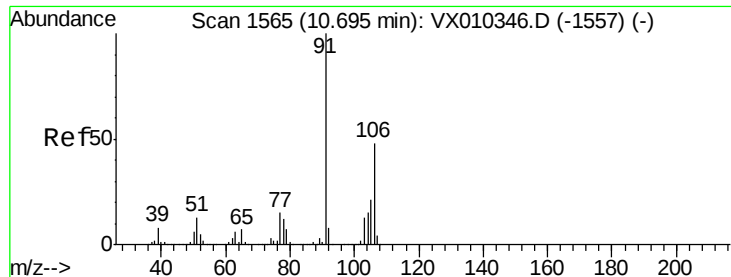
MMDadoda
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#68
m/p-Xylenes
Concen: 165.075 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion: 106 Resp: 775809
Ion Ratio Lower Upper
106 100
91 193.6 155.3 232.9





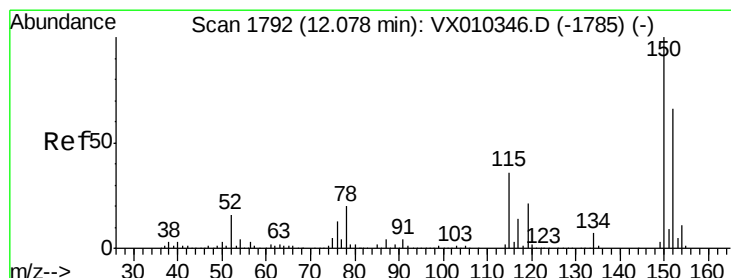
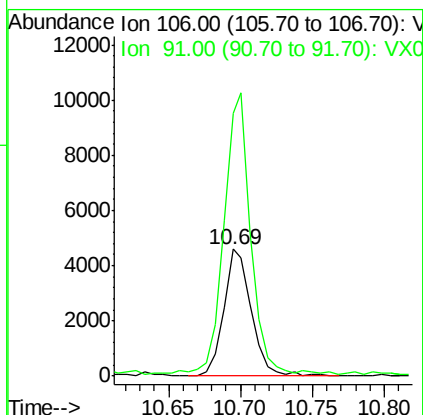
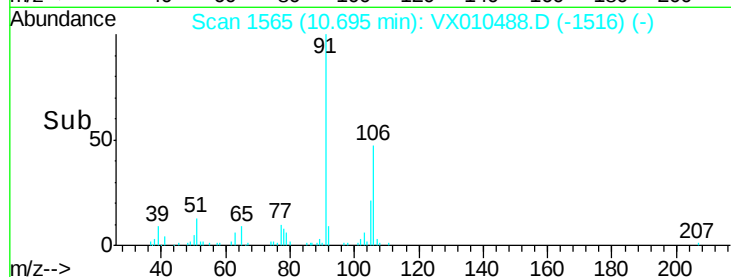
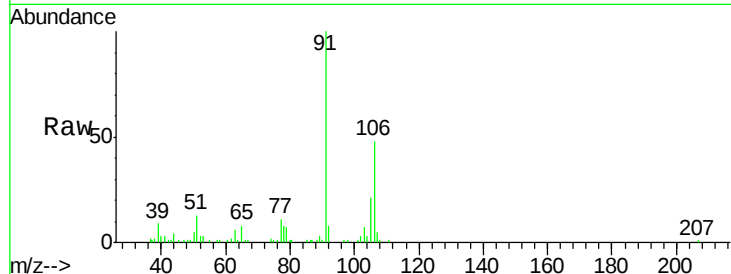
#69
o-Xylene
Concen: 1.340 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Instrument :
MSVOA_X
ClientSampled :
FL-0569

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.7	102.7	308.1

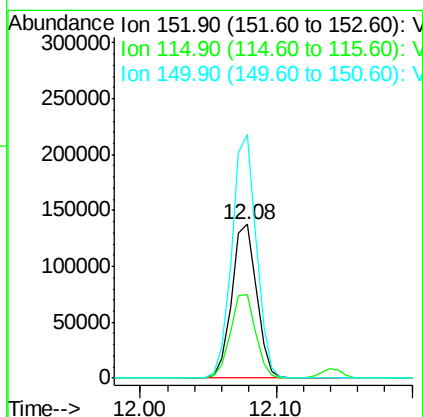
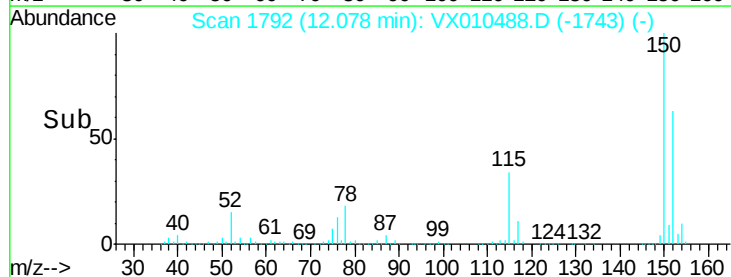
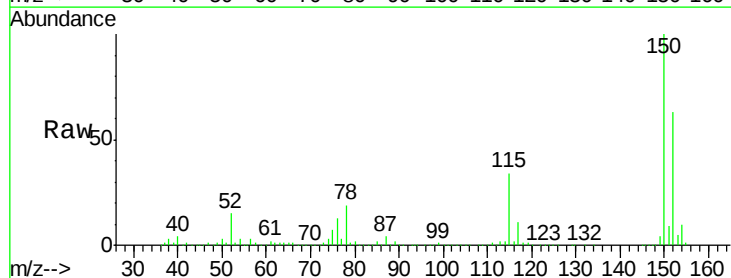
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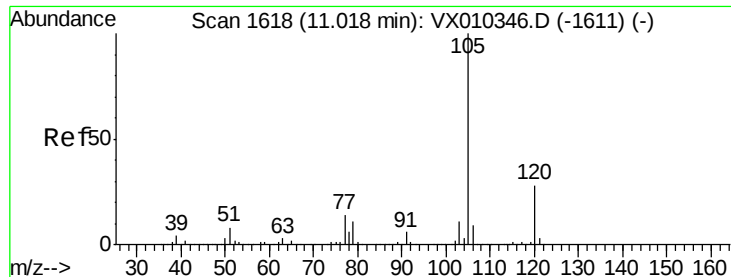
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.6	115.7
150	156.6	0.0	347.4





#73

Isopropylbenzene

Concen: 18.616 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

FL-0569

Tot Ion: 105 Resp: 220428

Ion Ratio Lower Upper

105 100

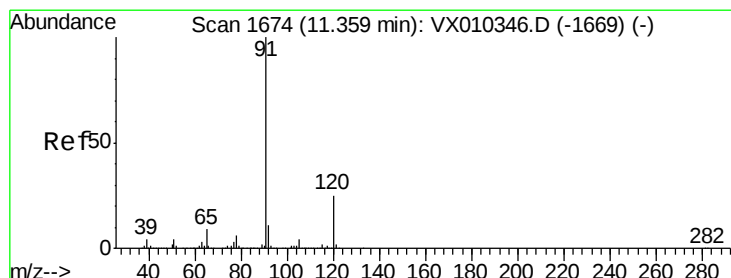
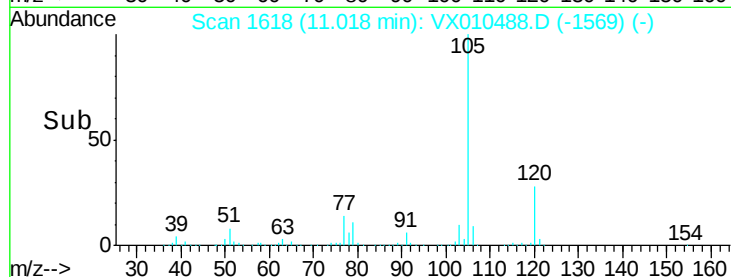
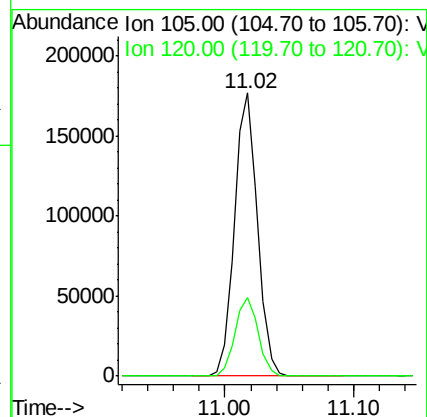
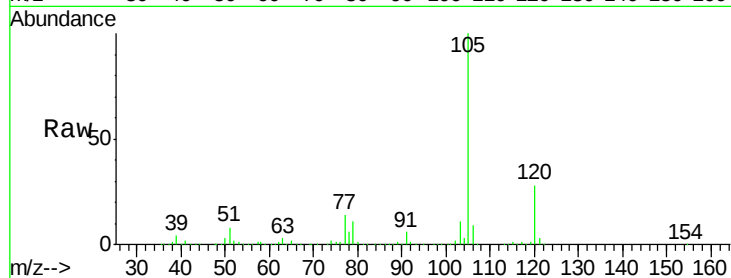
120 27.9 14.1 42.4

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#78

n-propylbenzene

Concen: 22.571 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010488.D

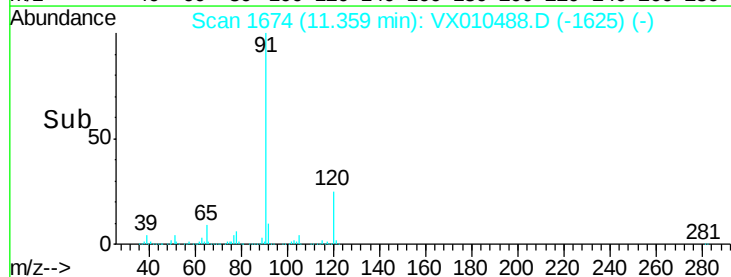
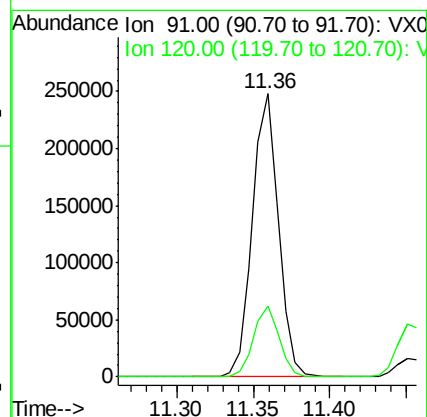
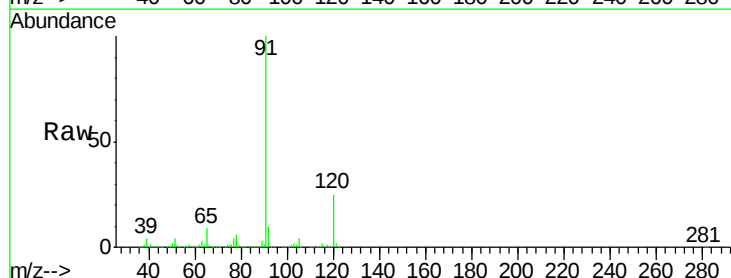
Acq: 27 Jun 2019 14:56

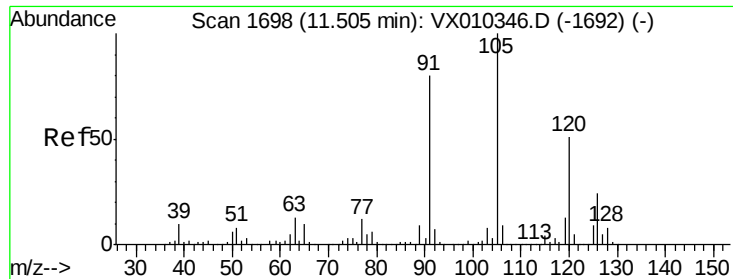
Tgt Ion: 91 Resp: 293731

Ion Ratio Lower Upper

91 100

120 24.7 12.4 37.4





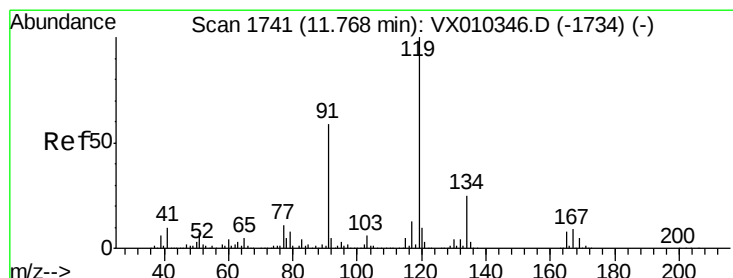
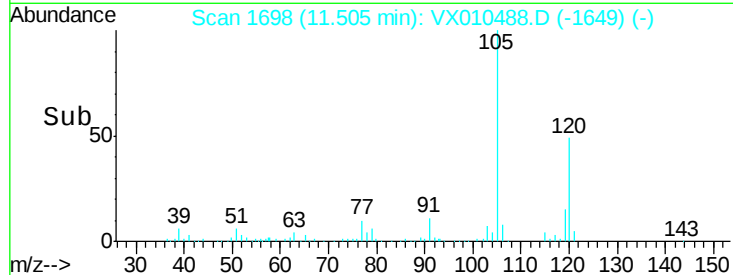
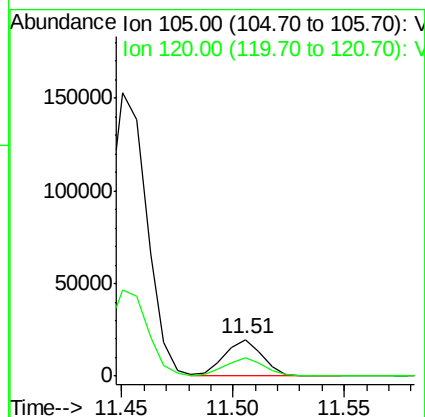
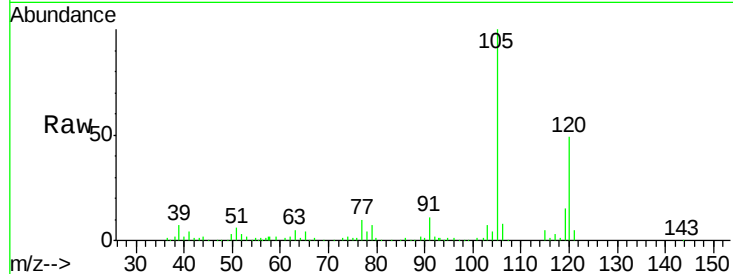
#80
 1,3,5-Trimethylbenzene
 Concen: 2.412 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010488.D
 Acq: 27 Jun 2019 14:56

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0569

Tot Ion:105 Resp: 23548
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.2 75.6

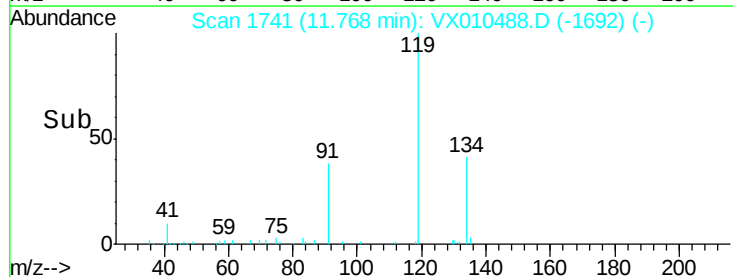
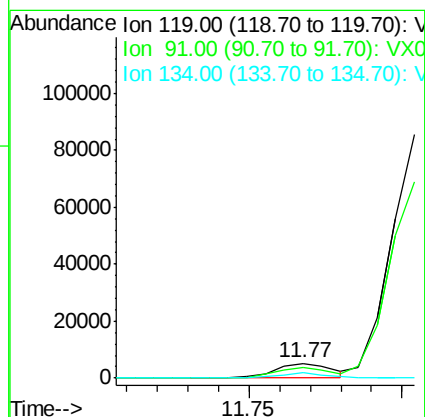
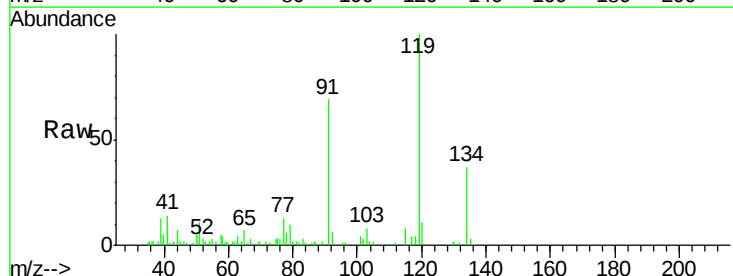
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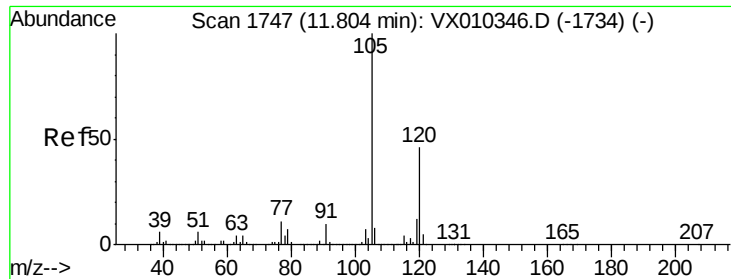
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#83
 tert-Butylbenzene
 Concen: 0.680 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010488.D
 Acq: 27 Jun 2019 14:56

Tgt Ion:119 Resp: 6664
 Ion Ratio Lower Upper
 119 100
 91 69.1 27.6 82.7
 134 30.6 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 83.338 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010488.D

Acq: 27 Jun 2019 14:56

Instrument :

MSVOA_X

ClientSampled :

FL-0569

Tot Ion:105 Resp: 817294

Ion Ratio Lower Upper

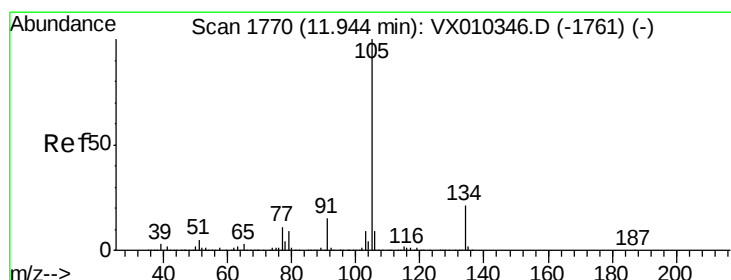
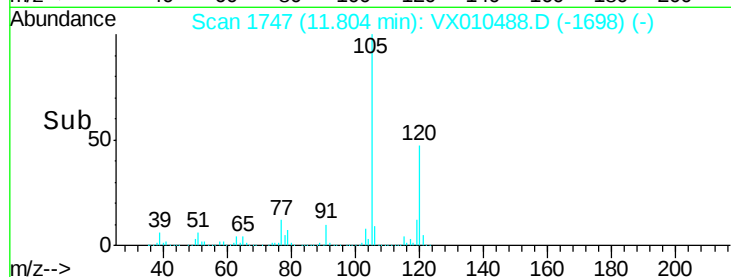
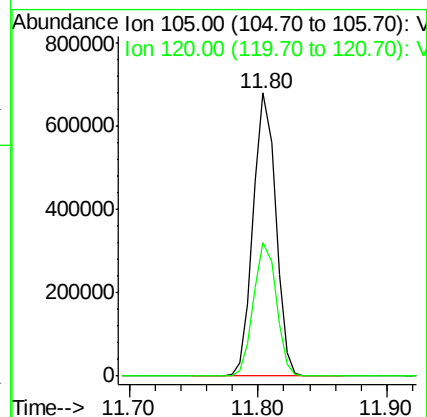
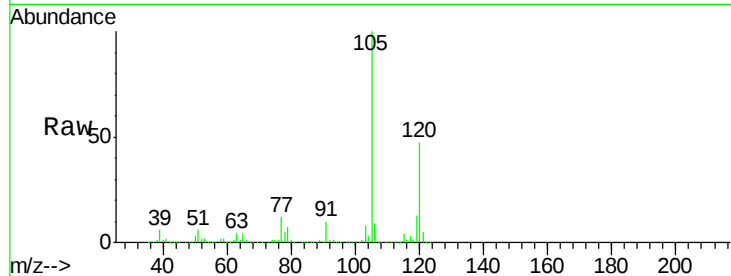
105 100

120 47.6 23.1 69.2

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#85

sec-Butylbenzene

Concen: 2.166 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010488.D

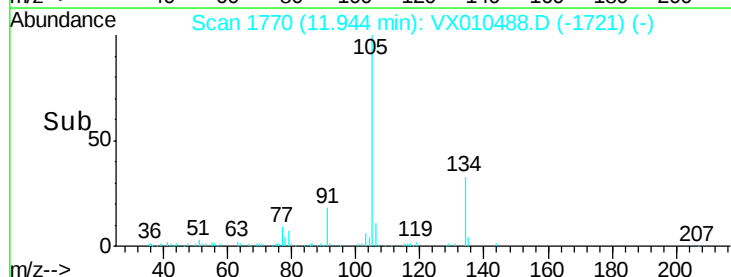
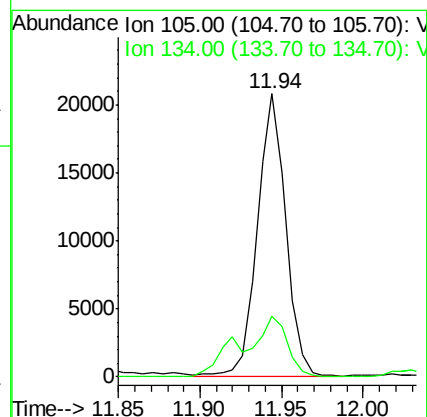
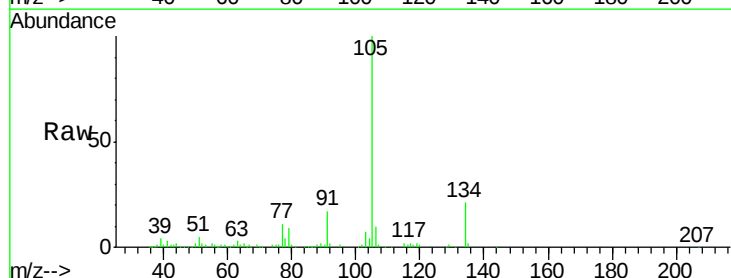
Acq: 27 Jun 2019 14:56

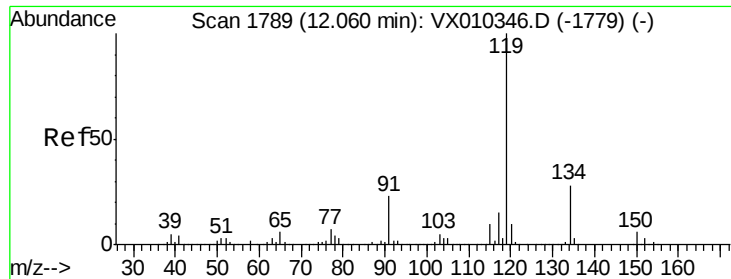
Tgt Ion:105 Resp: 24913

Ion Ratio Lower Upper

105 100

134 22.8 10.7 31.9





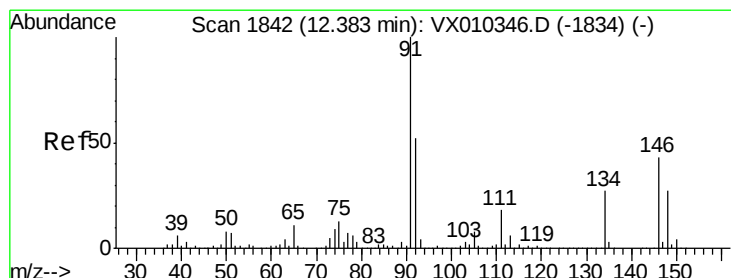
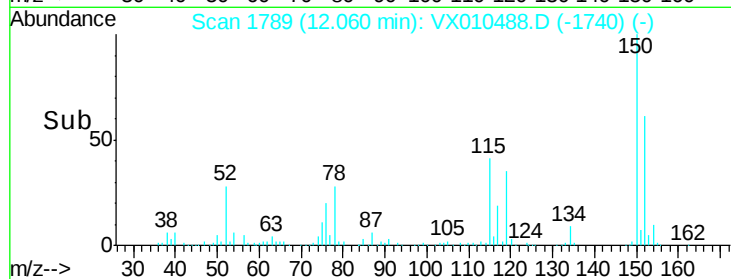
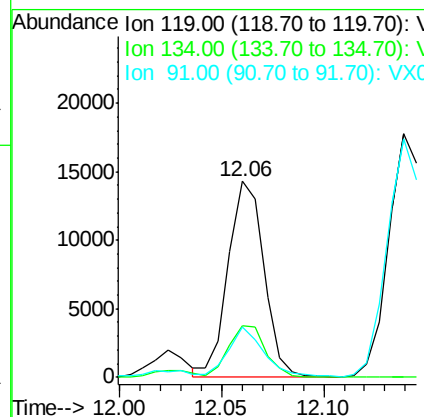
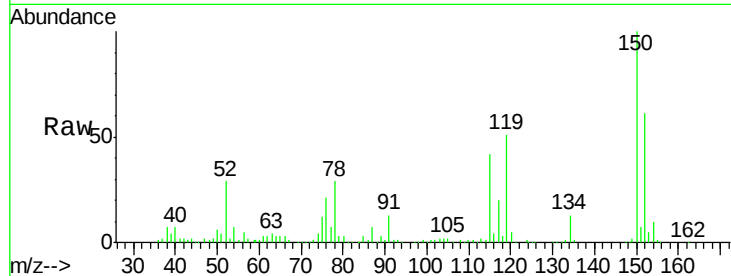
#86
p-Isopropyltoluene
Concen: 1.642 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :
FL-0569

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.7	41.1
91	25.5	11.3	33.8

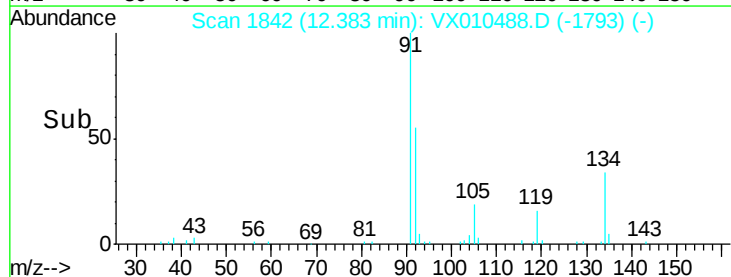
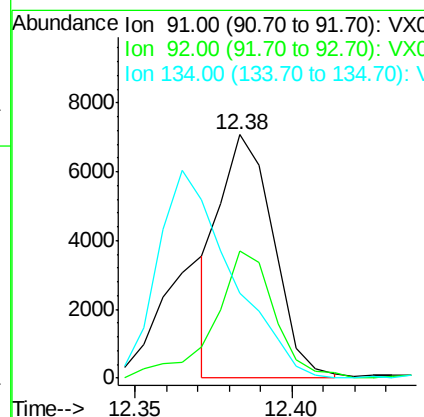
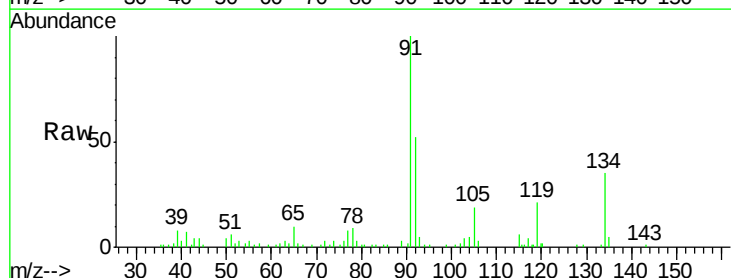
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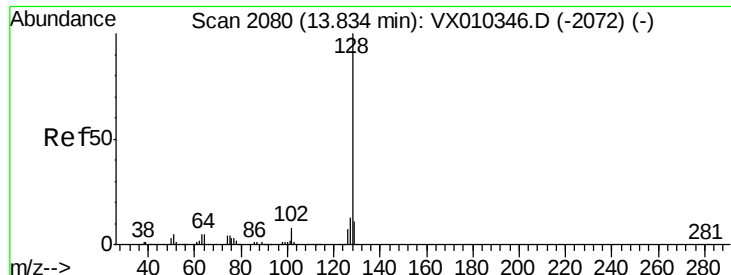
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#89
n-Butylbenzene
Concen: 0.933 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.9	26.2	78.5
134	117.9	14.1	42.4#





#95
Naphthalene
Concen: 33.105 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010488.D
Acq: 27 Jun 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :
FL-0569

Tot Ion	Ratio	Resp	Lower	Upper
128	100	404674		
127	12.9		10.2	15.4
129	11.0		8.9	13.3

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