

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
 Data File : VX016894.D
 Acq On : 19 Jun 2020 20:47
 Operator : JC/SP
 Sample : L3066-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5DL

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:23:19 PM

Quant Time: Jul 03 06:23:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	263686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	394239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	416662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	145888	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
35) Dibromofluoromethane	5.47	113	139330	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
50) Toluene-d8	8.70	98	480572	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
62) 4-Bromofluorobenzene	11.12	95	229879	59.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.92%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	4030	3.501	ug/l #	86
67) Ethyl Benzene	10.24	91	73098	5.135	ug/l	98
68) m/p-Xylenes	10.34	106	6574	1.187	ug/l	94
69) o-Xylene	10.68	106	6484	1.266	ug/l	97
73) Isopropylbenzene	11.00	105	161846	10.404	ug/l	100
78) n-propylbenzene	11.35	91	290781	16.749	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	60141	4.481	ug/l	99
83) tert-Butylbenzene	11.76	119	18805	1.416	ug/l	90
84) 1,2,4-Trimethylbenzene	11.79	105	1120822	81.064	ug/l	97
85) sec-Butylbenzene	11.93	105	65215	4.228	ug/l	78
86) p-Isopropyltoluene	12.05	119	7507m	0.531	ug/l	
89) n-Butylbenzene	12.37	91	23495m	1.939	ug/l	
95) Naphthalene	13.82	128	25936	1.758	ug/l #	96

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

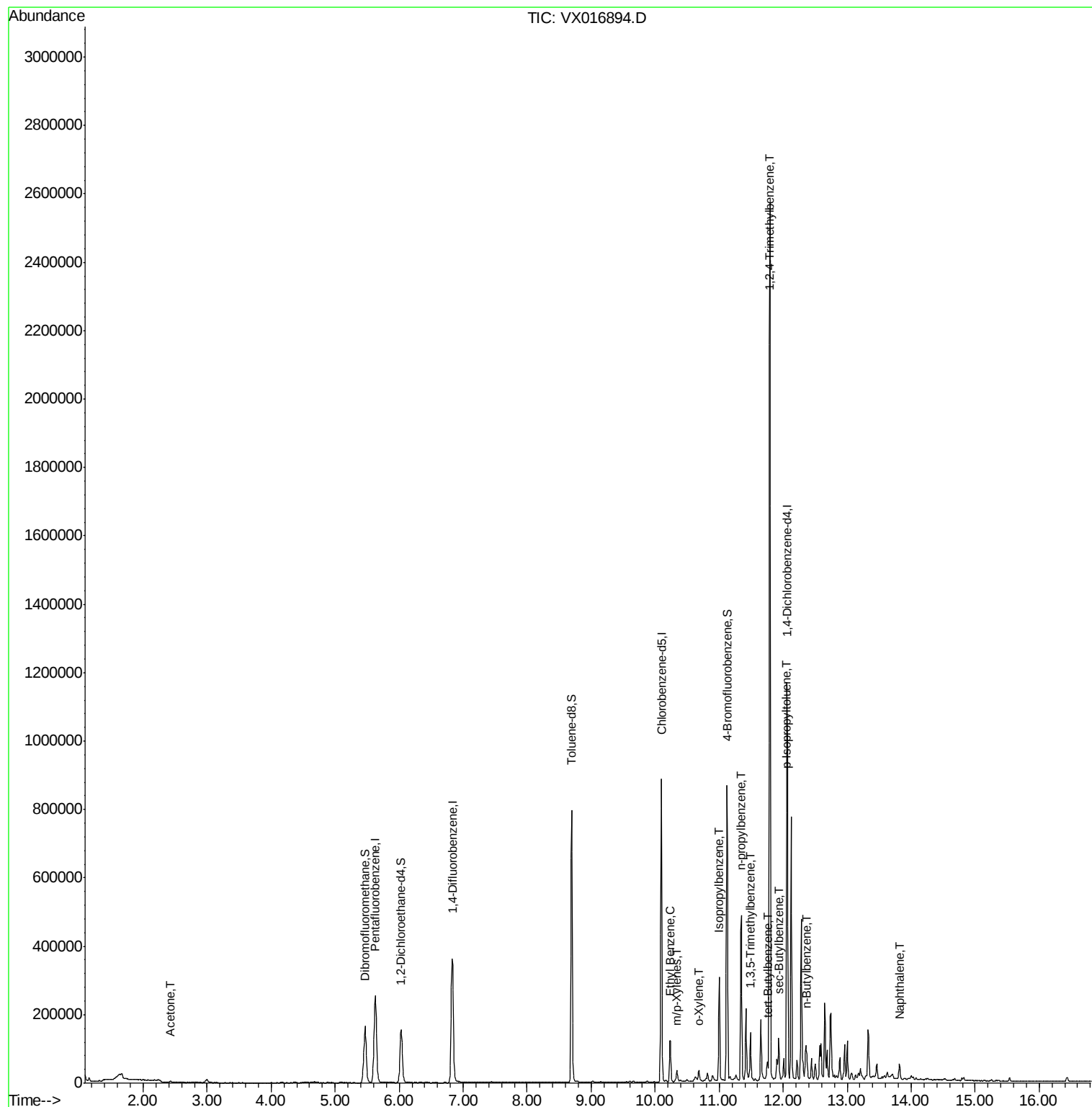
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016894.D
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Operator : JC/SP
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ALS Vial : 24 Sample Multiplier: 1

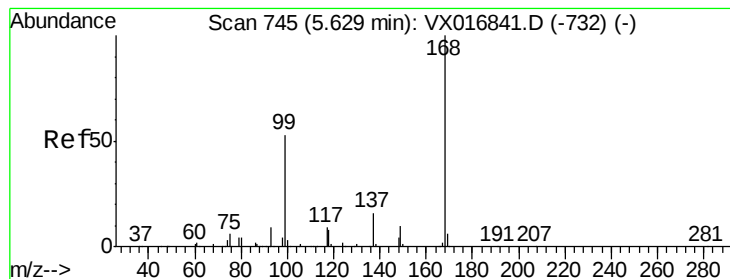
Instrument :
MSVOA_X
ClientSampleId :
MW-5DL

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Quant Time: Jul 03 06:23:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016894.D

Acq: 19 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

MW-5DL

Tgt Ion: 168 Resp: 263686

Ion Ratio Lower Upper

168 100

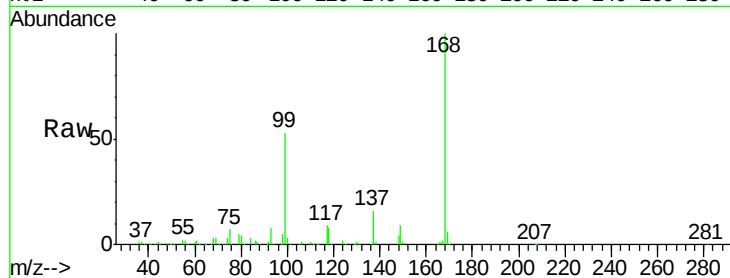
99 53.4 42.2 63.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

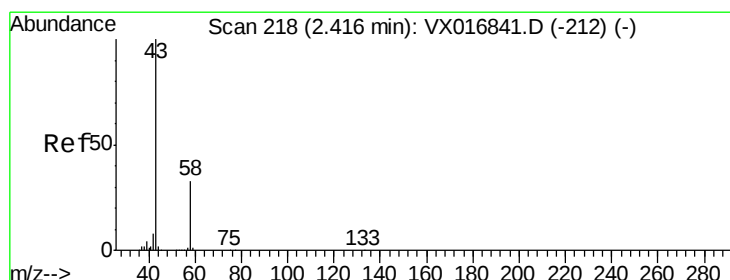
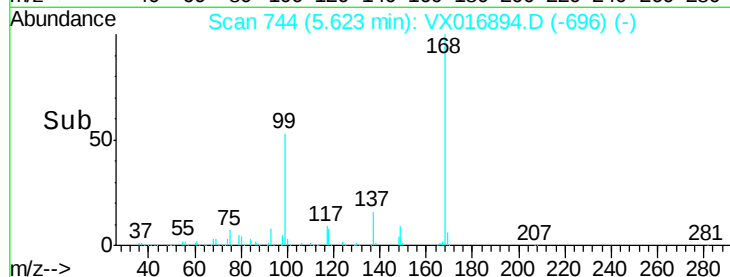
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.501 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016894.D

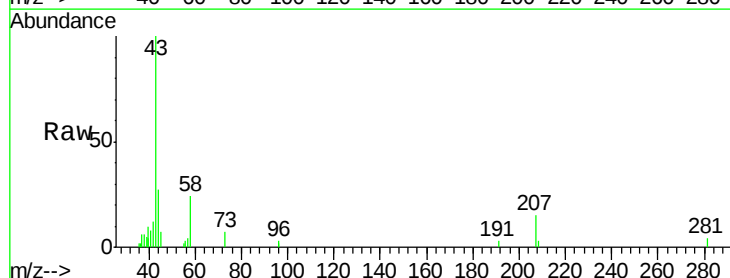
Acq: 19 Jun 2020 20:47

Tgt Ion: 43 Resp: 4030

Ion Ratio Lower Upper

43 100

58 25.1 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2500

2000

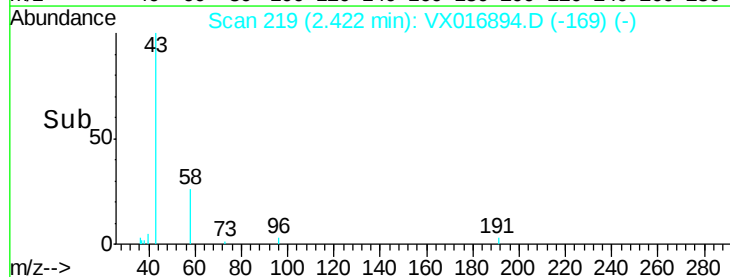
1500

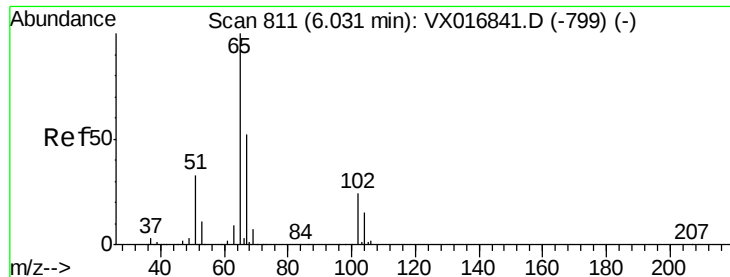
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.003 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016894.D

Acq: 19 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

MW-5DL

Tgt Ion: 65 Resp: 145888

Ion Ratio Lower Upper

65 100

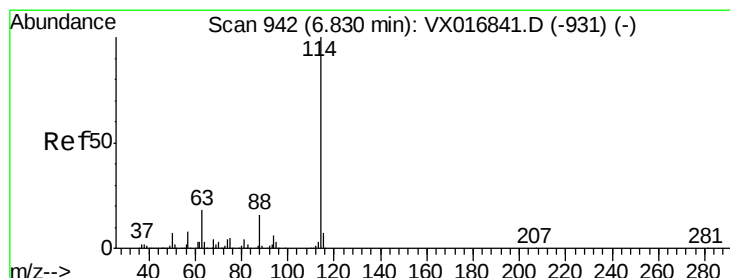
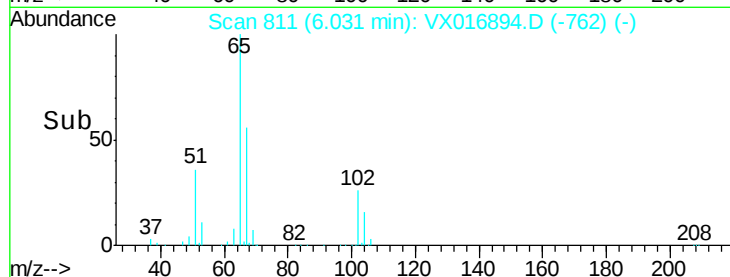
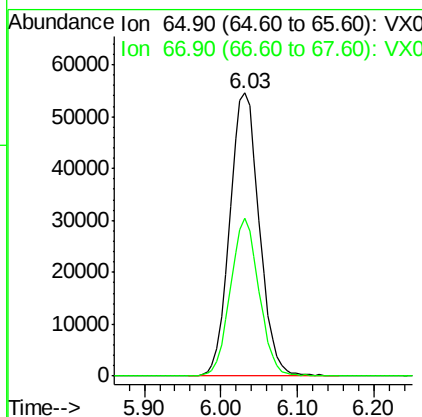
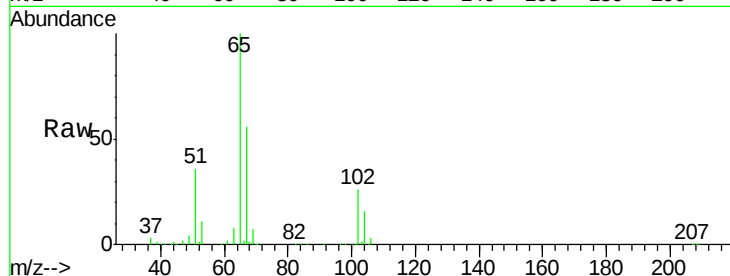
67 54.0 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016894.D

Acq: 19 Jun 2020 20:47

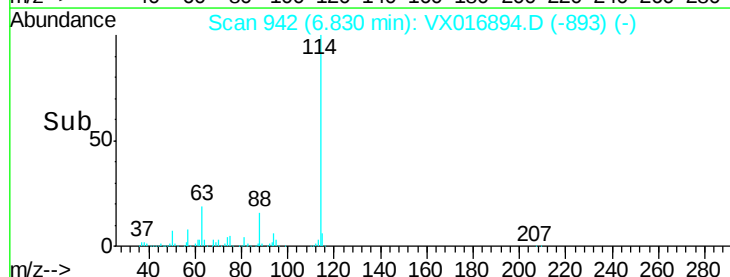
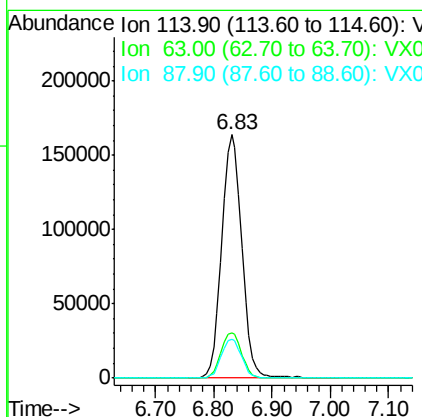
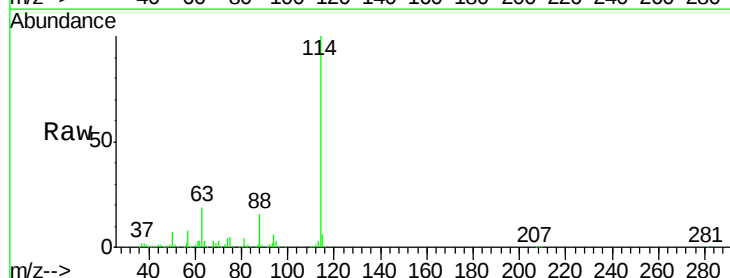
Tgt Ion: 114 Resp: 394239

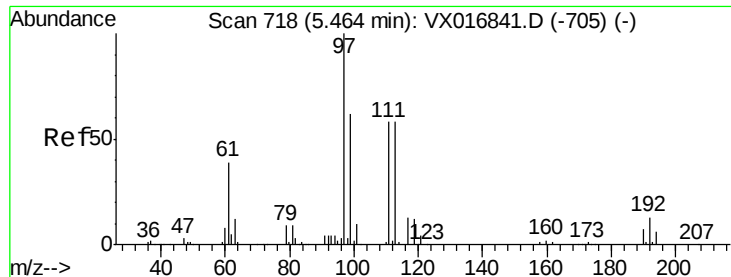
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.0

88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 55.247 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016894.D

Acq: 19 Jun 2020 20:47

Instrument :

MSVOA_X

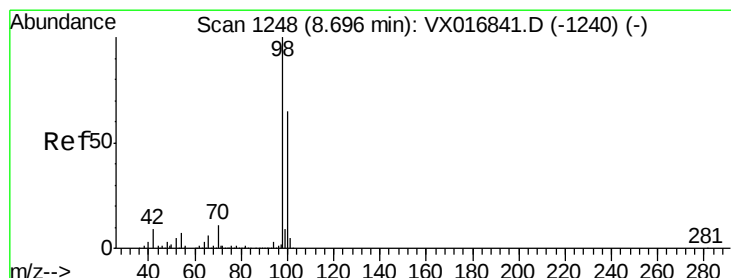
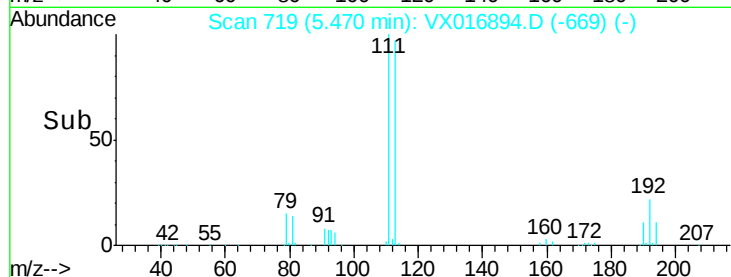
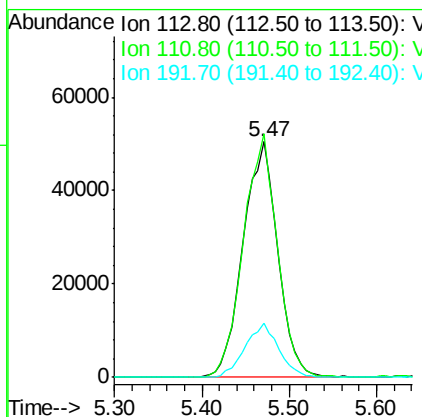
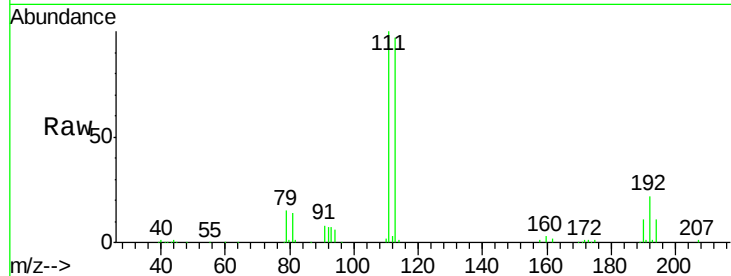
ClientSampleId :

MW-5DL

Tgt Ion:	113	Resp:	139330
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.0	121.4
192	22.3	18.5	27.7

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#50

Toluene-d8

Concen: 47.629 ug/l

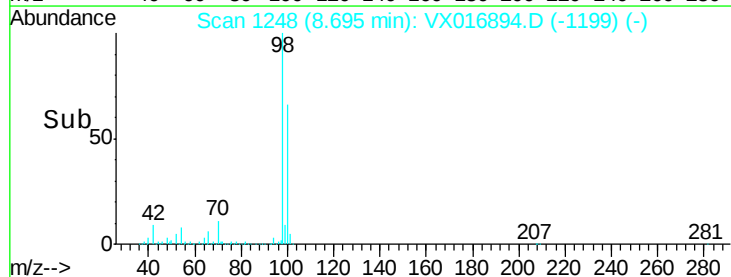
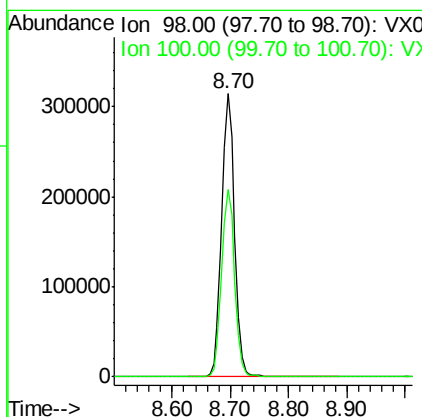
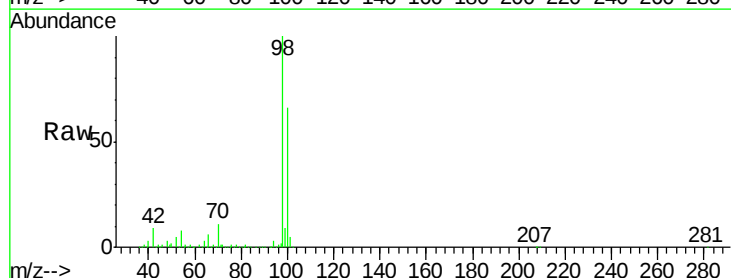
RT: 8.70 min Scan# 1248

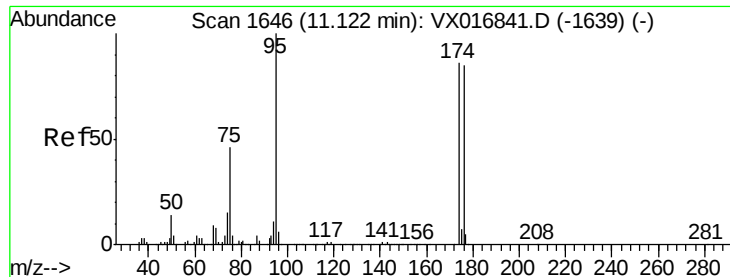
Delta R.T. -0.00 min

Lab File: VX016894.D

Acq: 19 Jun 2020 20:47

Tgt Ion:	98	Resp:	480572
Ion Ratio	Lower	Upper	
98	100		
100	67.1	54.0	81.0





#62

4-Bromofluorobenzene

Concen: 59.463 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016894.D

Acq: 19 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

MW-5DL

Tgt Ion: 95 Resp: 229879

Ion Ratio Lower Upper

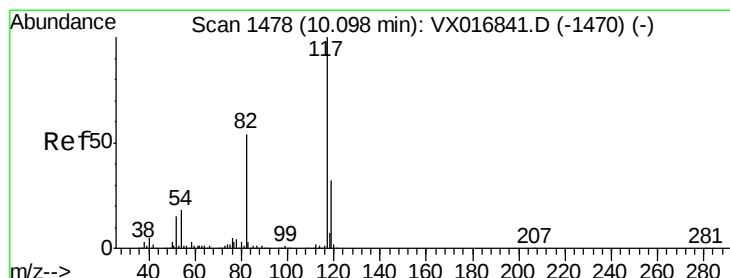
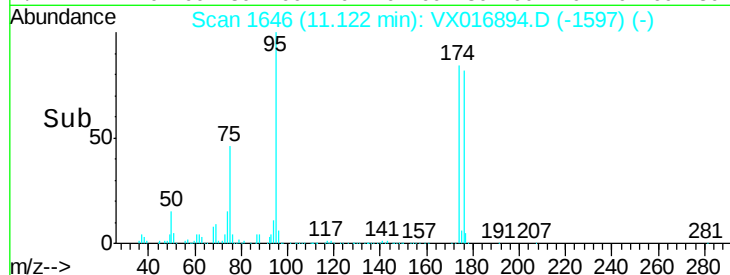
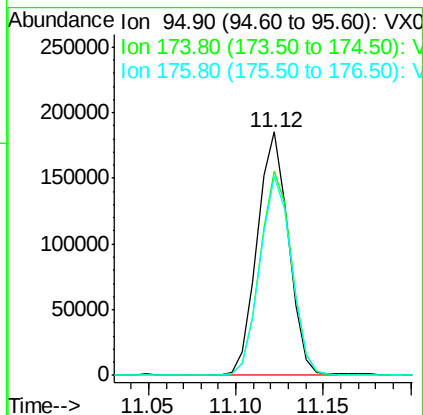
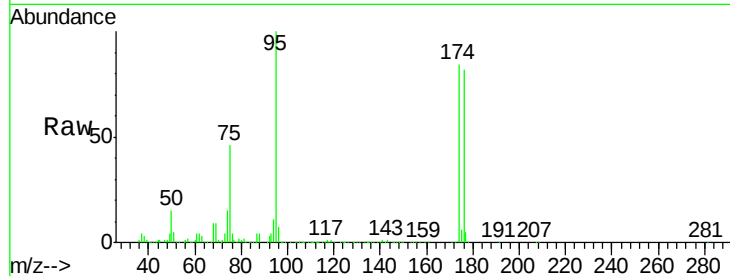
95 100

174 85.4 0.0 174.2

176 83.0 0.0 170.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016894.D

Acq: 19 Jun 2020 20:47

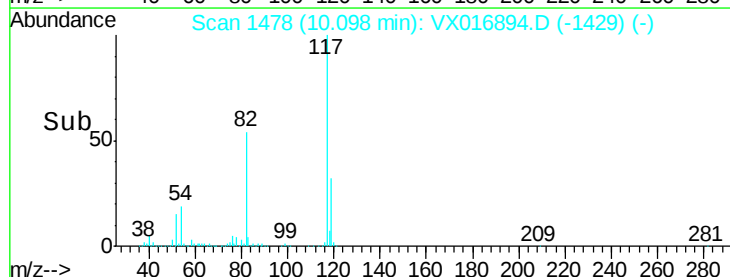
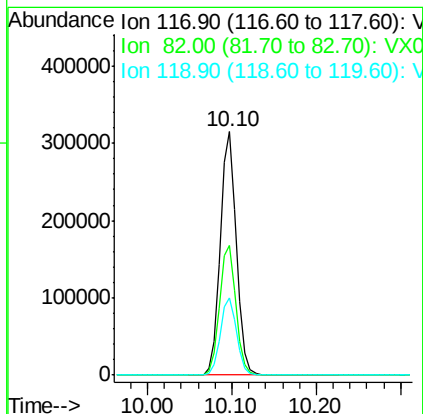
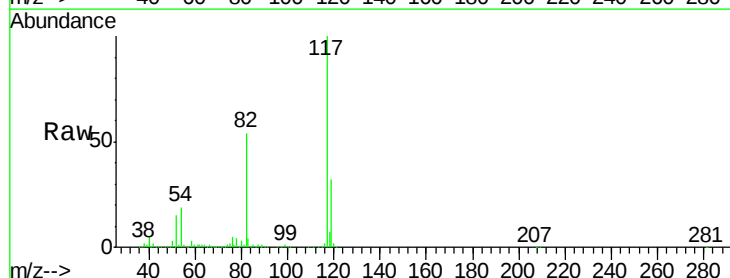
Tgt Ion: 117 Resp: 416662

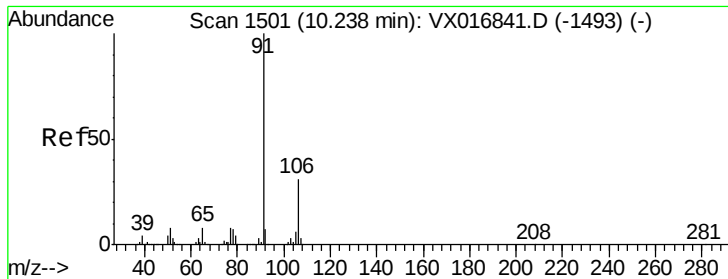
Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 31.9 25.7 38.5





#67

Ethyl Benzene

Concen: 5.135 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016894.D

Acq: 19 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

MW-5DL

Tgt Ion: 91 Resp: 73098

Ion Ratio Lower Upper

91 100

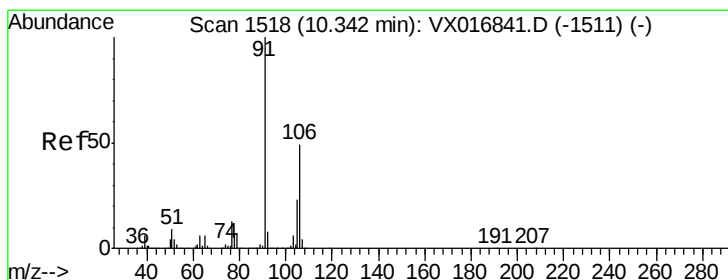
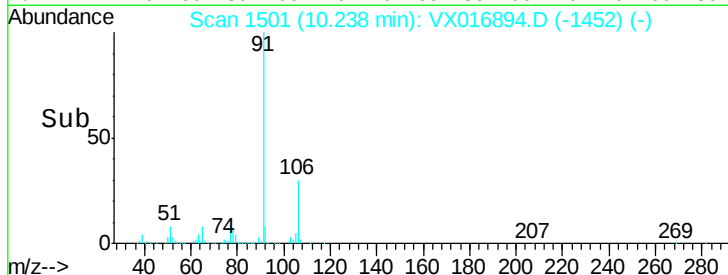
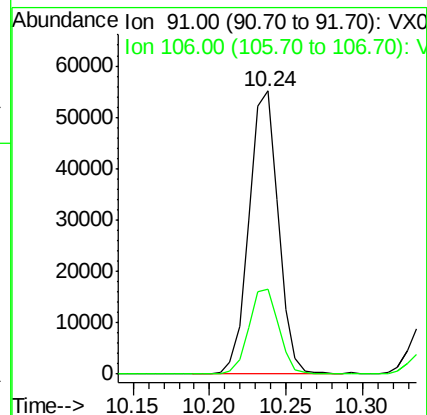
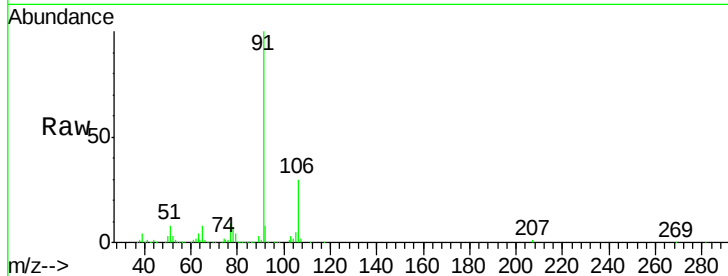
106 30.2 25.1 37.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 1.187 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016894.D

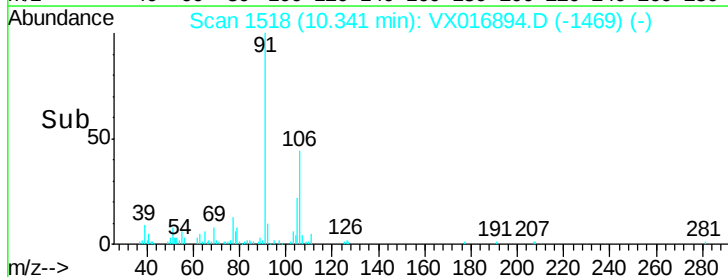
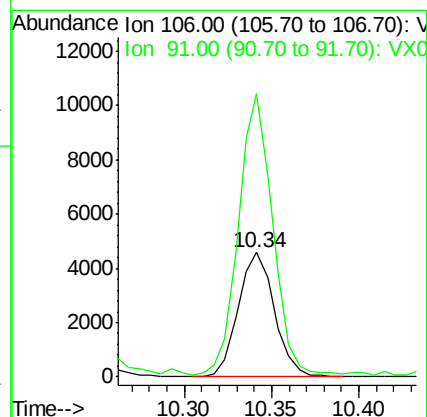
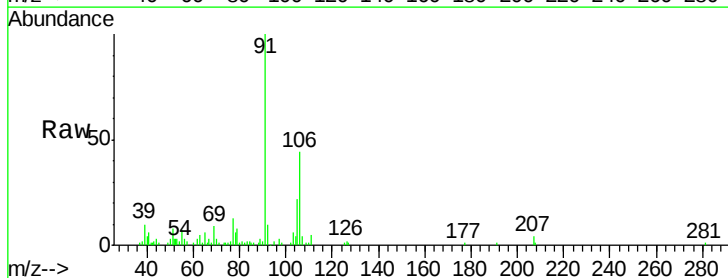
Acq: 19 Jun 2020 20:47

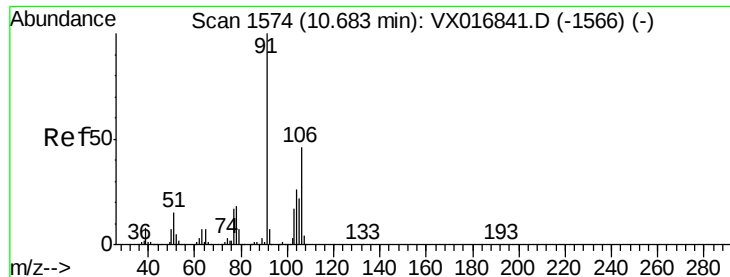
Tgt Ion: 106 Resp: 6574

Ion Ratio Lower Upper

106 100

91 211.4 161.5 242.3





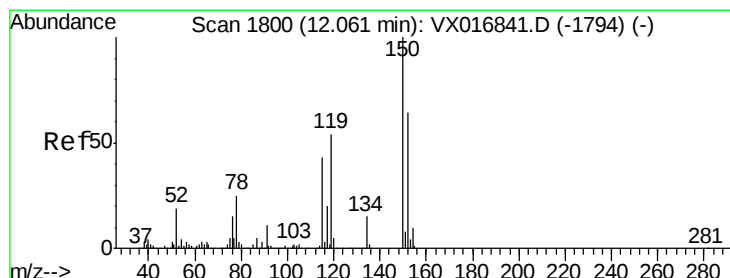
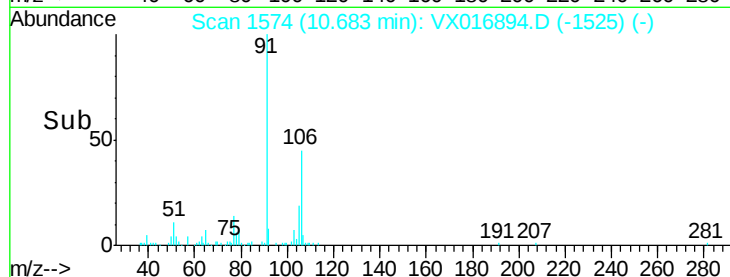
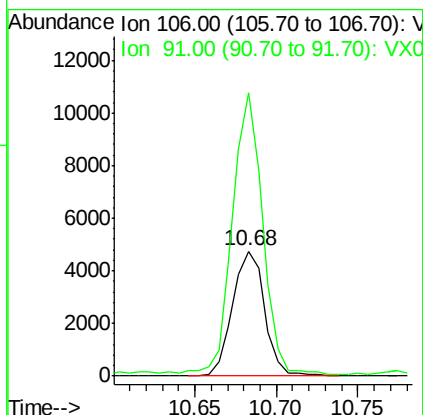
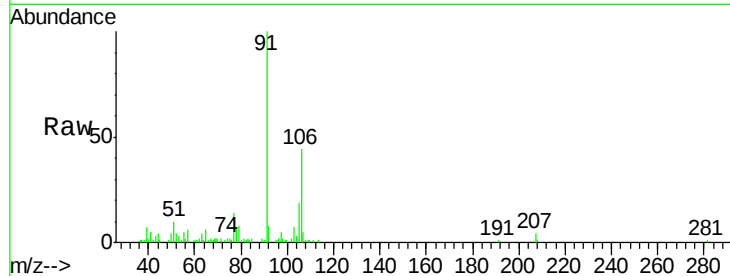
#69
o-Xylene
Concen: 1.266 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016894.D
Acq: 19 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampled :
MW-5DL

Tgt Ion:106 Resp: 6484
Ion Ratio Lower Upper
106 100
91 211.7 107.9 323.7

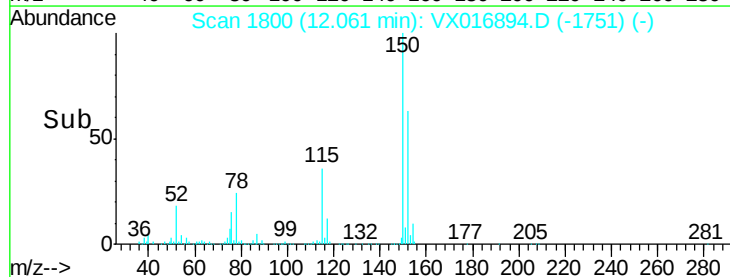
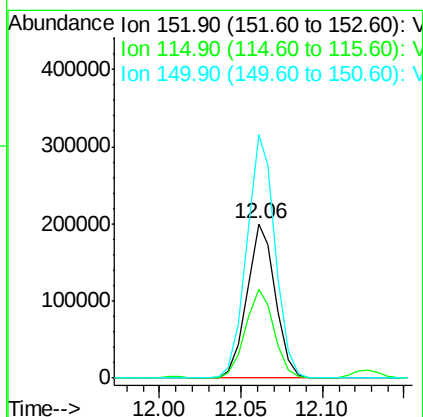
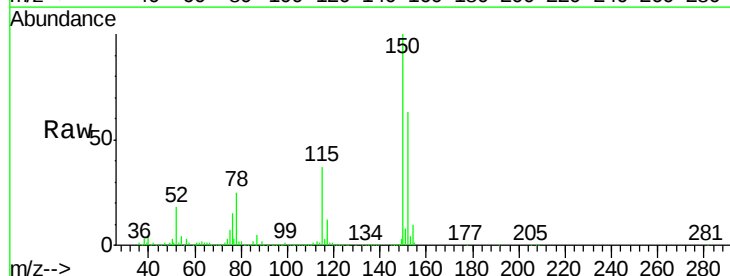
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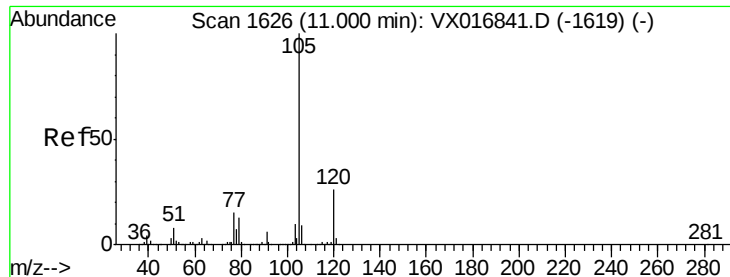
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016894.D
Acq: 19 Jun 2020 20:47

Tgt Ion:152 Resp: 241617
Ion Ratio Lower Upper
152 100
115 57.9 40.9 122.8
150 158.5 0.0 344.2





#73

Isopropylbenzene

Concen: 10.404 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016894.D

Acq: 19 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

MW-5DL

Tgt Ion: 105 Resp: 161846

Ion Ratio Lower Upper

105 100

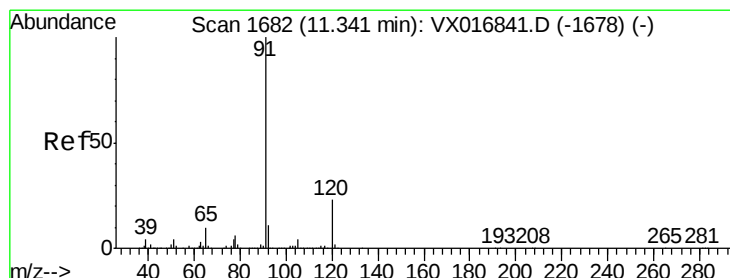
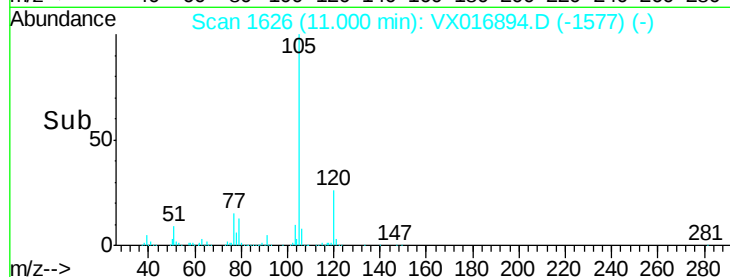
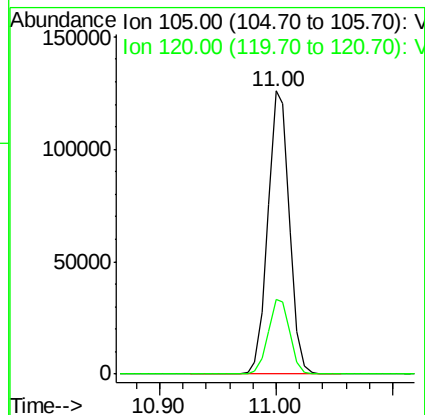
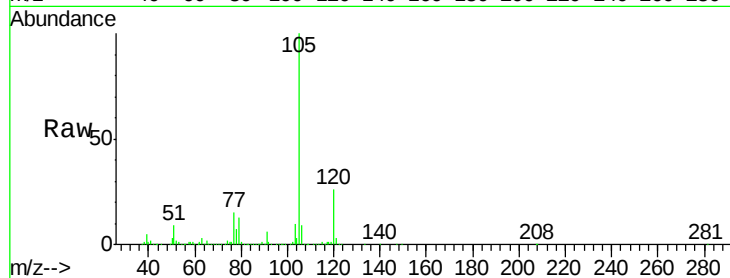
120 26.5 13.2 39.6

Manual Integrations

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#78

n-propylbenzene

Concen: 16.749 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016894.D

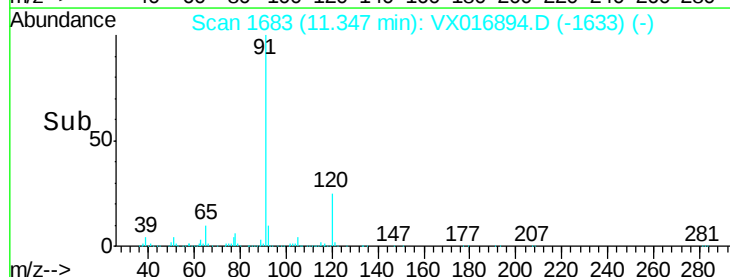
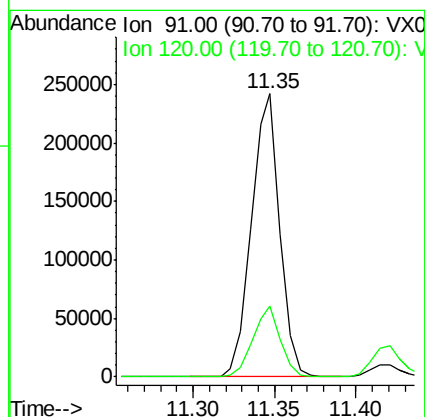
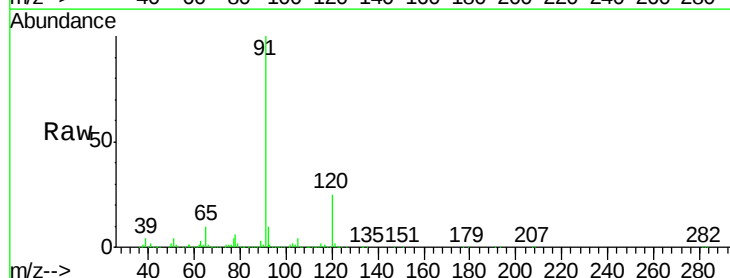
Acq: 19 Jun 2020 20:47

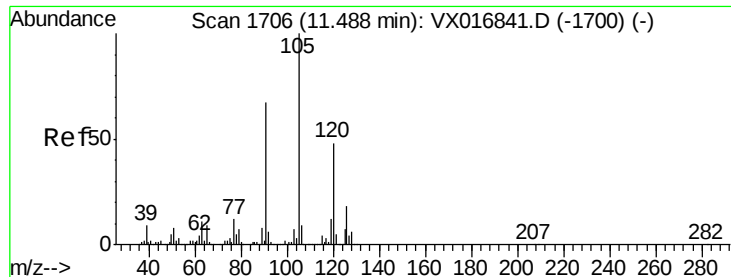
Tgt Ion: 91 Resp: 290781

Ion Ratio Lower Upper

91 100

120 24.0 11.9 35.5





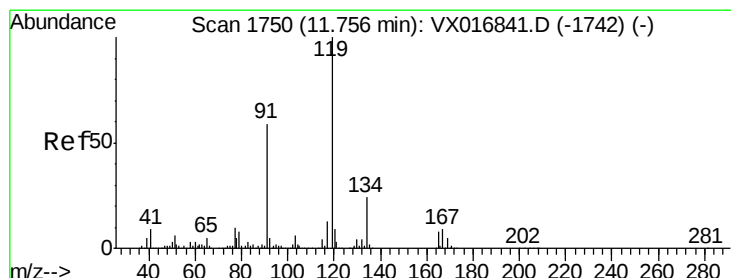
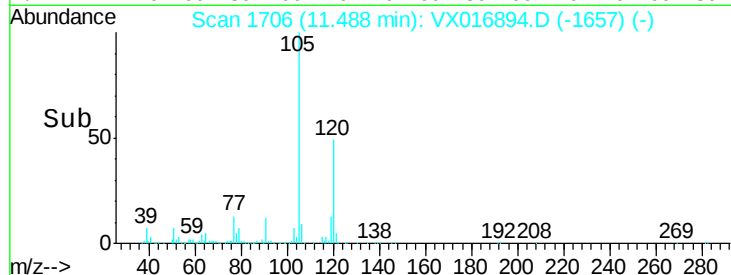
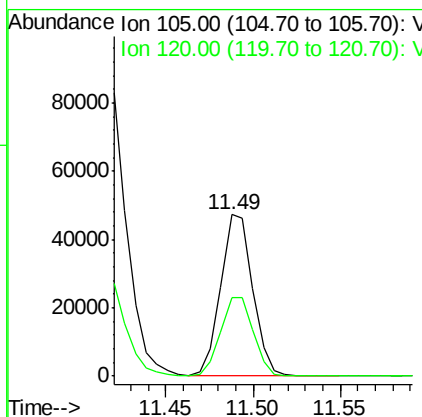
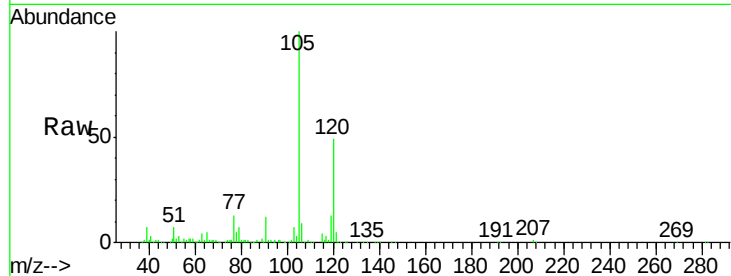
#80
1,3,5-Trimethylbenzene
Concen: 4.481 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX016894.D
Acq: 19 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampled :
MW-5DL

Tgt Ion:105 Resp: 60141
Ion Ratio Lower Upper
105 100
120 50.2 24.6 74.0

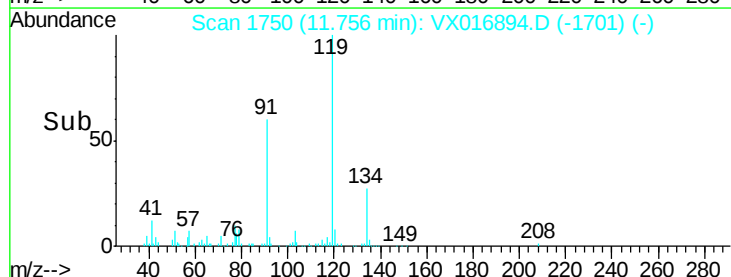
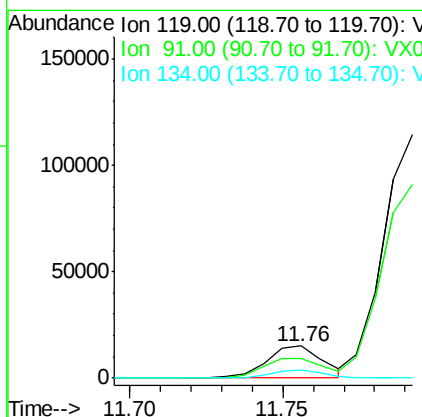
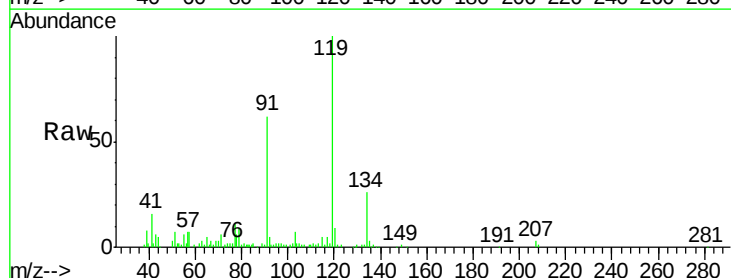
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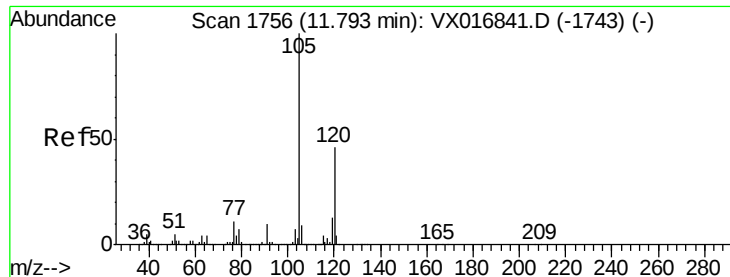
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#83
tert-Butylbenzene
Concen: 1.416 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016894.D
Acq: 19 Jun 2020 20:47

Tgt Ion:119 Resp: 18805
Ion Ratio Lower Upper
119 100
91 66.2 28.5 85.5
134 25.8 11.7 35.1





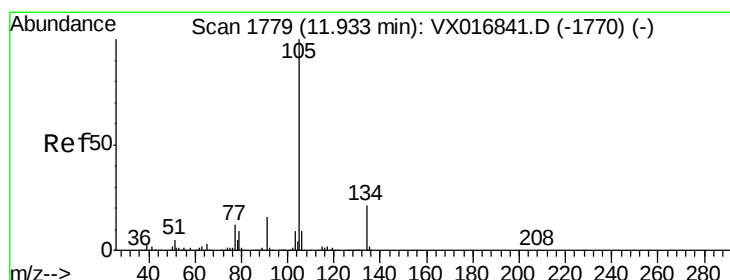
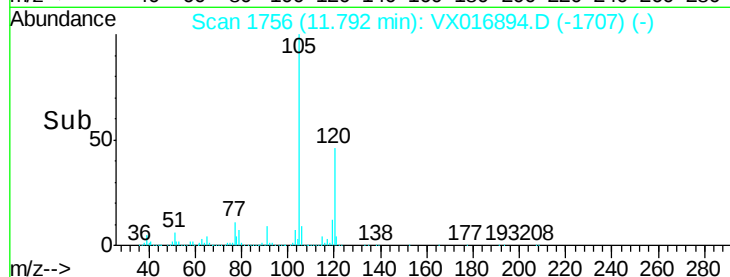
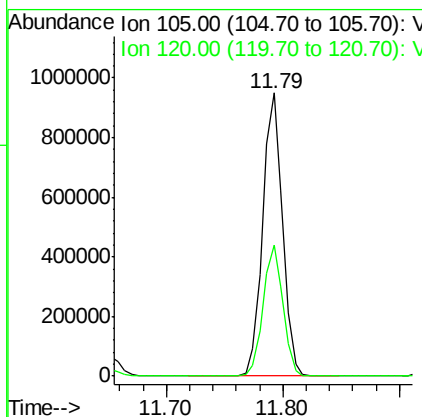
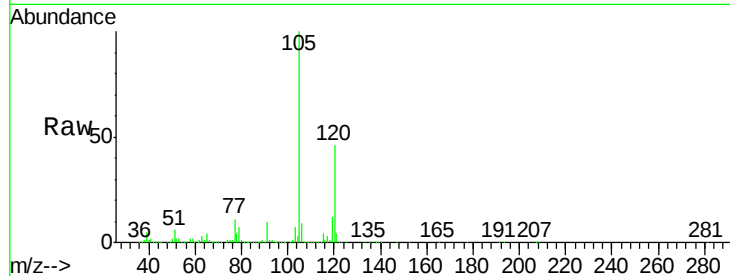
#84
1,2,4-Trimethylbenzene
Concen: 81.064 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016894.D
Acq: 19 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampled :
MW-5DL

Tgt Ion:105 Resp: 1120822
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.9

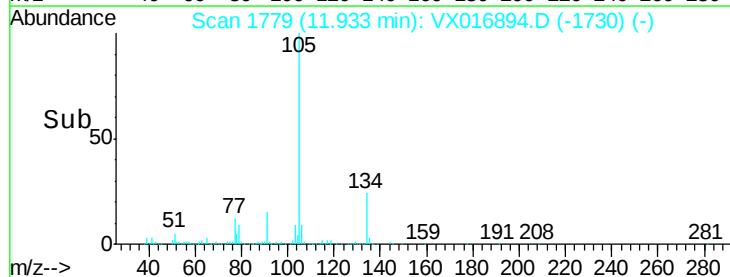
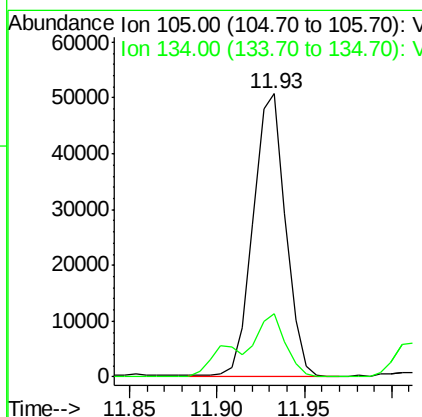
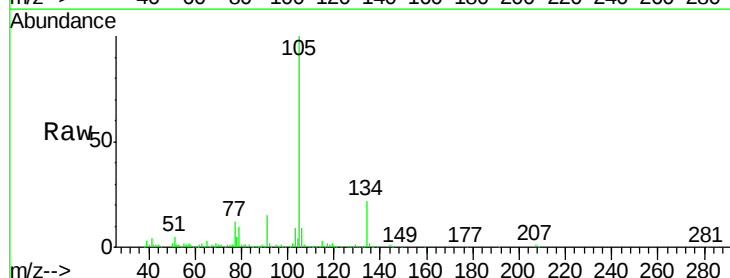
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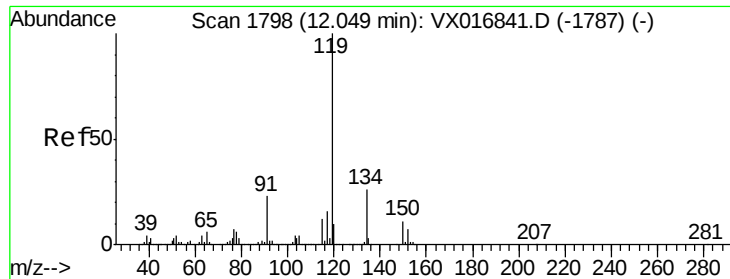
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#85
sec-Butylbenzene
Concen: 4.228 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX016894.D
Acq: 19 Jun 2020 20:47

Tgt Ion:105 Resp: 65215
Ion Ratio Lower Upper
105 100
134 31.1 10.4 31.2





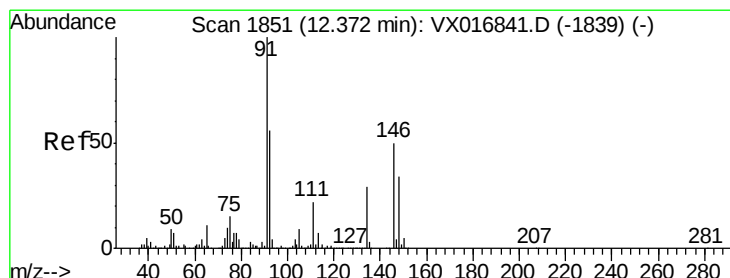
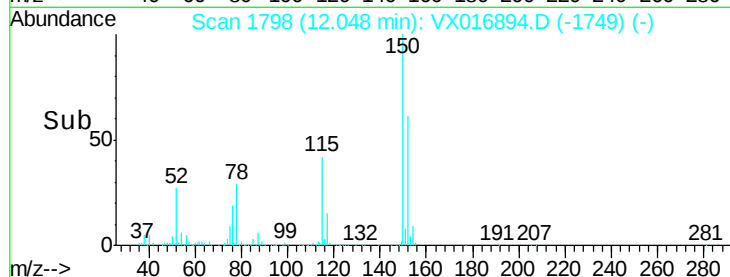
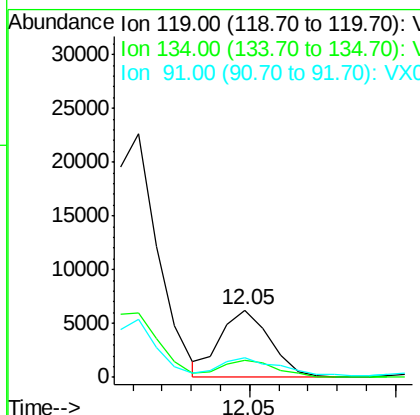
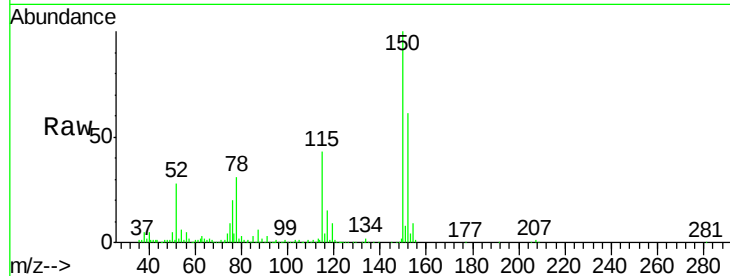
#86
p-Isopropyltoluene
Concen: 0.531 ug/l m
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016894.D
Acq: 19 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampled :
MW-5DL

Tgt Ion	Ratio	Lower	Upper
119	100		
134	102.9	12.9	38.7#
91	80.0	11.6	34.8#

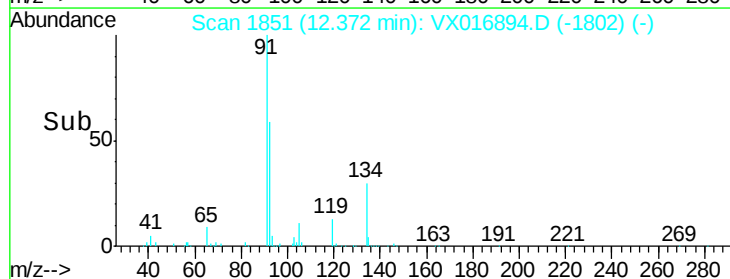
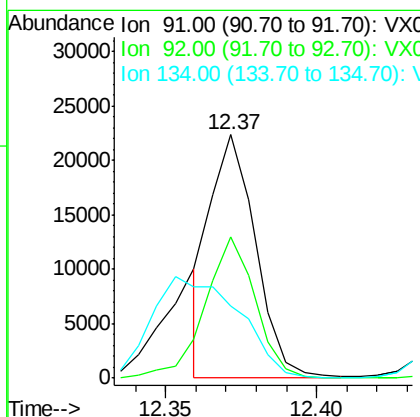
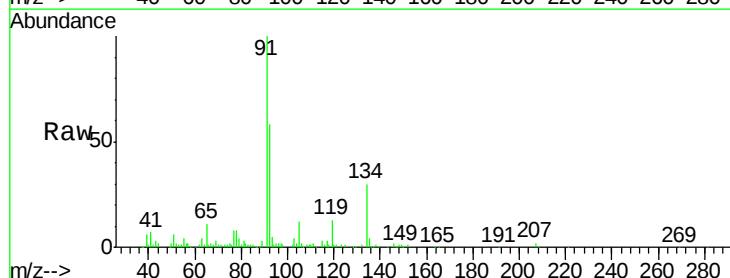
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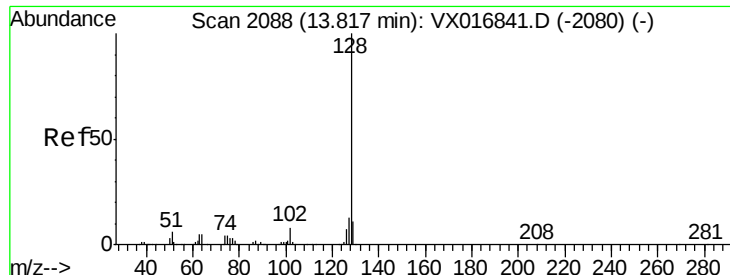
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#89
n-Butylbenzene
Concen: 1.939 ug/l m
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016894.D
Acq: 19 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	64.8	27.4	82.2
134	80.2	13.9	41.6#





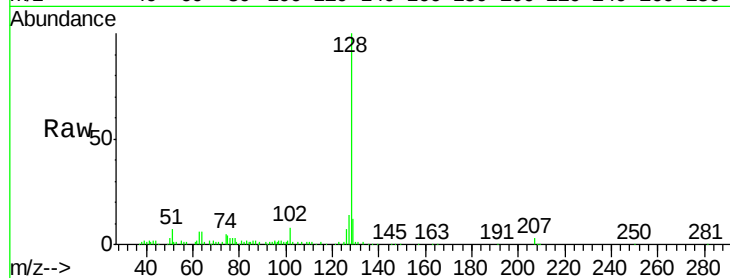
#95
Naphthalene
Concen: 1.758 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016894.D
Acq: 19 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
MW-5DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	13.7	10.4	15.6
129	13.4	8.6	13.0

Manual Integrations
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Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

