

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016896.D
 Acq On : 19 Jun 2020 21:33
 Operator : JC/SP
 Sample : L3066-04DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:23:28 PM

Quant Time: Jun 22 06:23:56 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	5.63	168	253981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	414864	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	146103	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
35) Dibromofluoromethane	5.47	113	125125	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
50) Toluene-d8	8.70	98	548180	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.12	95	220719	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	10.24	91	71625	4.987	ug/l	98
68) m/p-Xylenes	10.34	106	35629	6.375	ug/l	98
73) Isopropylbenzene	11.00	105	230174	15.743	ug/l	99
78) n-propylbenzene	11.34	91	456014	27.947	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	126969	10.065	ug/l	98
83) tert-Butylbenzene	11.76	119	21272	1.704	ug/l	91
84) 1,2,4-Trimethylbenzene	11.79	105	1209559	93.082	ug/l	97
85) sec-Butylbenzene	11.93	105	94665	6.531	ug/l #	77
86) p-Isopropyltoluene	12.05	119	32311	2.433	ug/l	99
89) n-Butylbenzene	12.37	91	32758m	2.876	ug/l	
95) Naphthalene	13.82	128	73103	5.273	ug/l	100

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

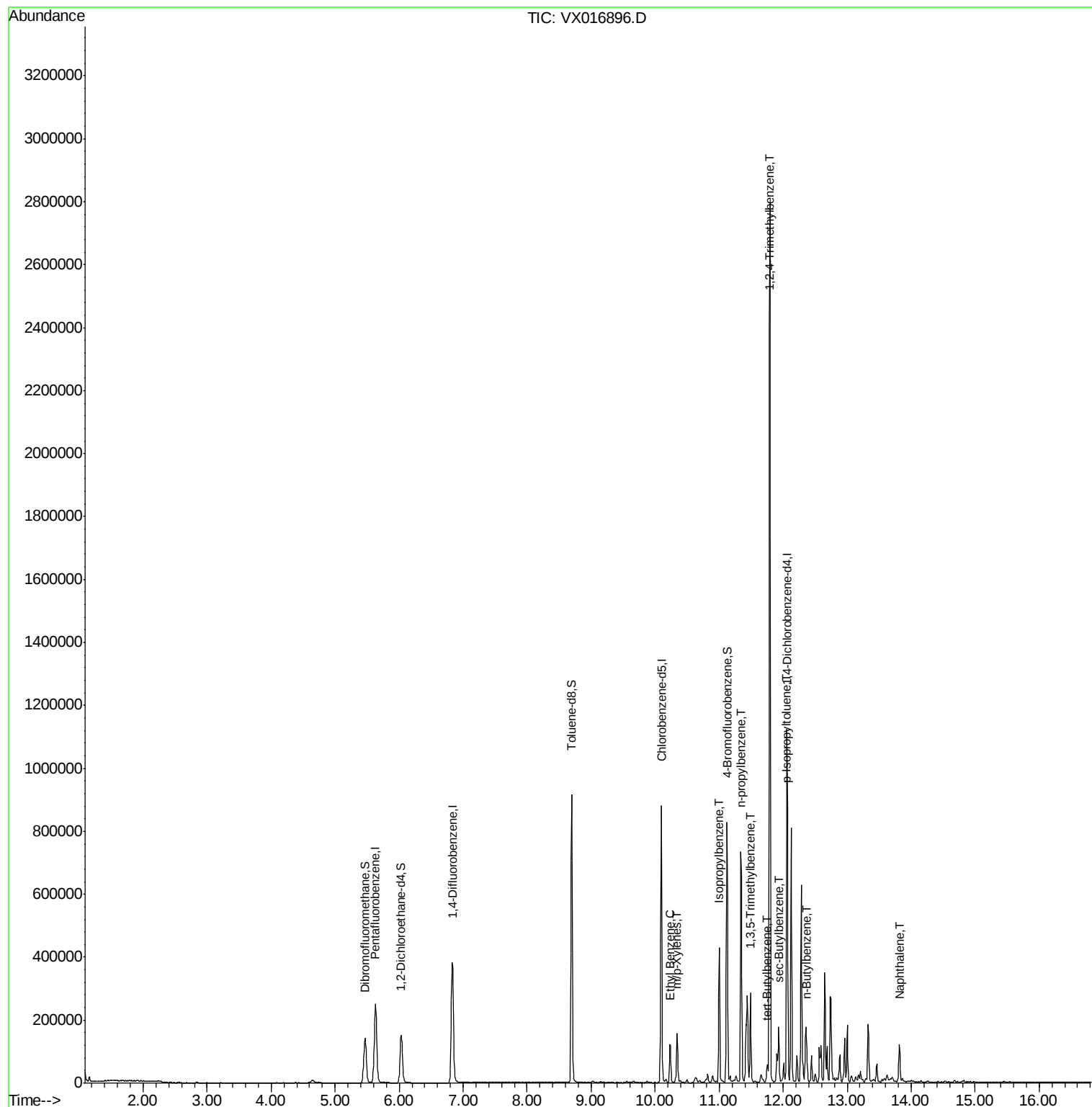
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016896.D
Acq On : 19 Jun 2020 21:33
Operator : JC/SP
Sample : L3066-04DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

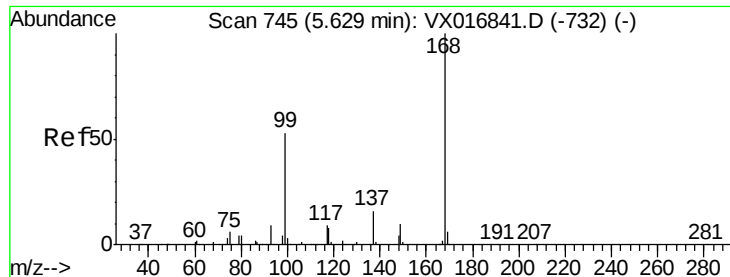
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

Manual Integrations
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Quant Time: Jun 22 06:23:56 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: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016896.D

Acq: 19 Jun 2020 21:33

Instrument :

MSVOA_X

ClientSampled :

MW-2DL

Tot Ion:168 Resp: 253981

Ion Ratio Lower Upper

168 100

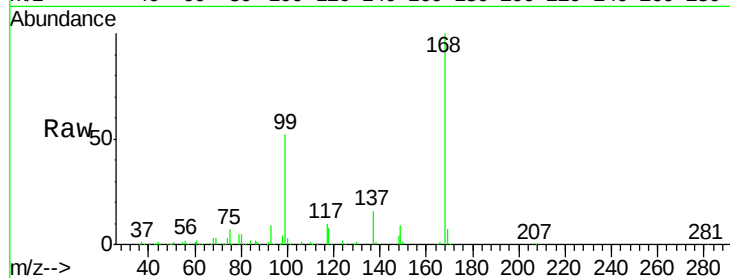
99 51.5 42.2 63.2

Manual Integrations

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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

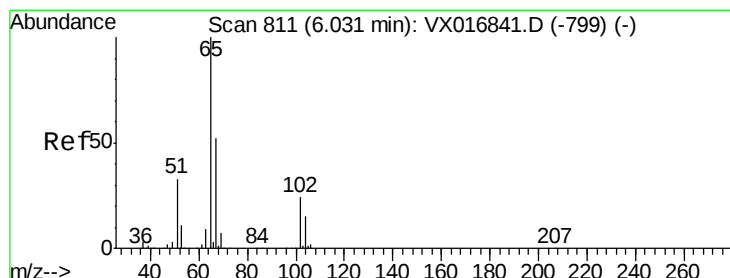
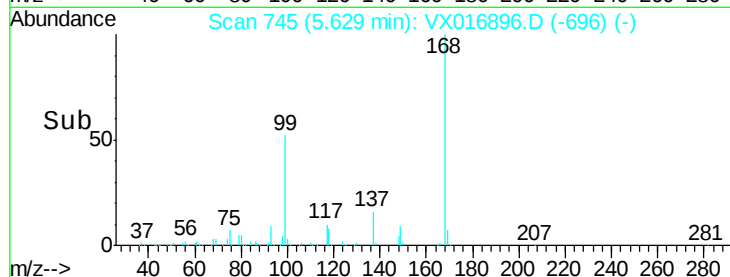
5.50

5.60

5.70

5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.831 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016896.D

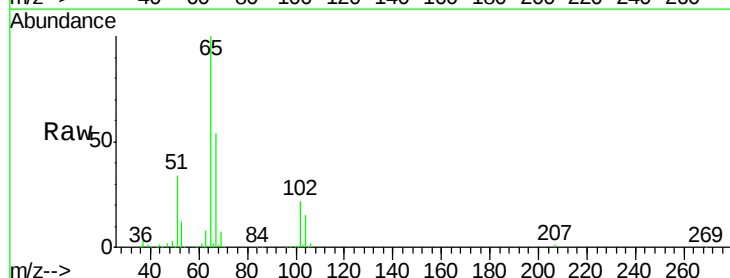
Acq: 19 Jun 2020 21:33

Tgt Ion: 65 Resp: 146103

Ion Ratio Lower Upper

65 100

67 53.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

50000

40000

30000

20000

10000

0

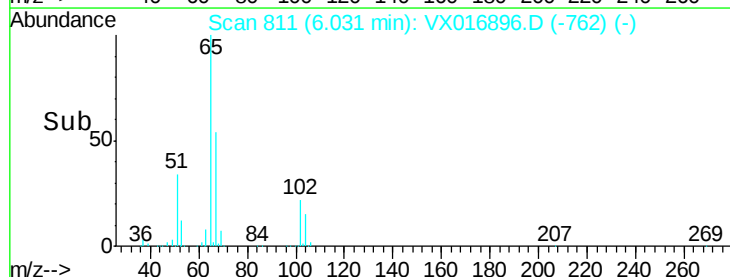
5.90

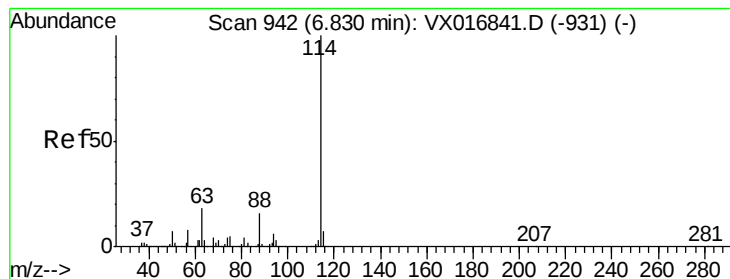
6.00

6.10

6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016896.D

Acq: 19 Jun 2020 21:33

Instrument :

MSVOA_X

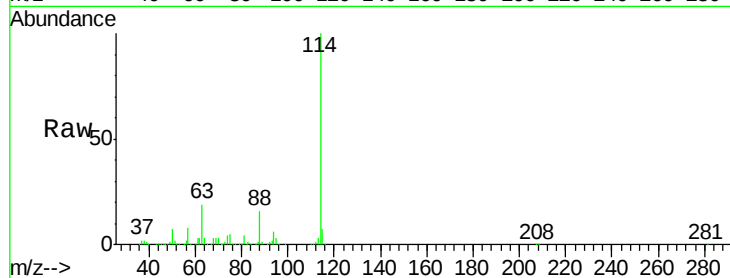
ClientSampleId :

MW-2DL

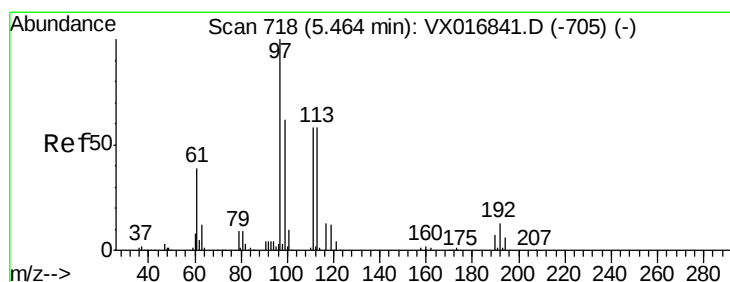
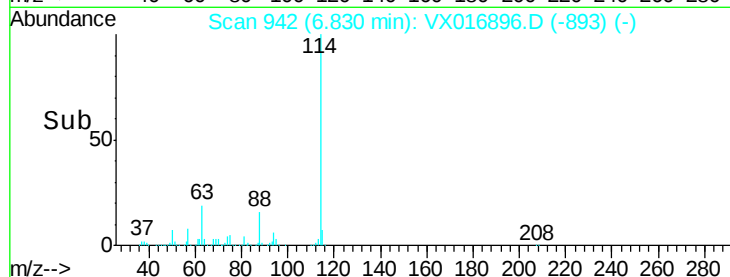
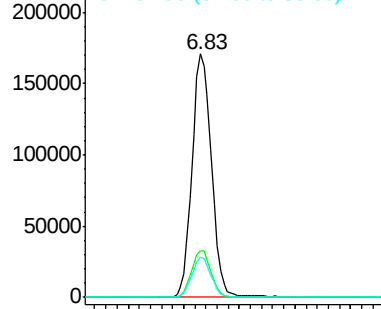
Tot Ion:	114	Resp:	414864
Ion Ratio		Lower	Upper
114	100		
63	19.3	0.0	37.0
88	16.3	0.0	32.0

Manual Integrations
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Abundance Ion 113.90 (113.60 to 114.60): V



#35

Dibromofluoromethane

Concen: 47.148 ug/l

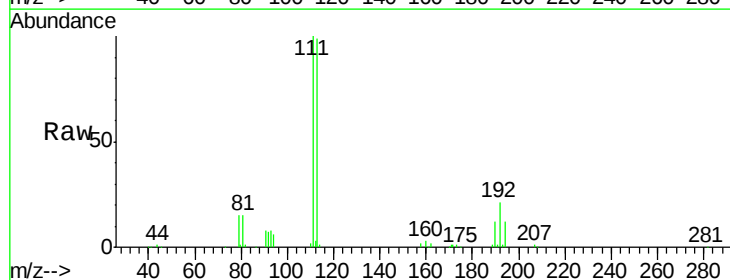
RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

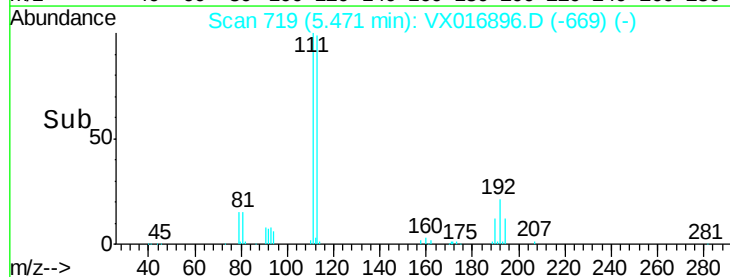
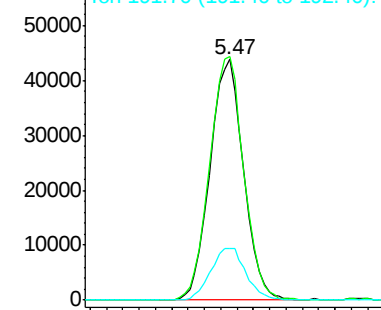
Lab File: VX016896.D

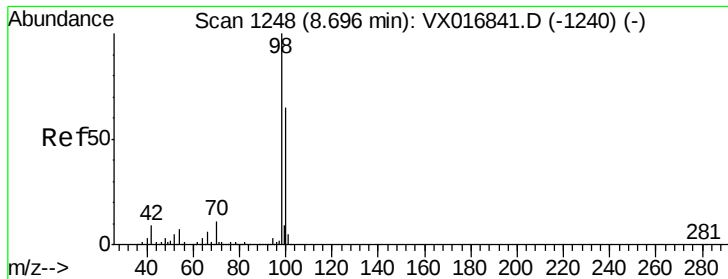
Acq: 19 Jun 2020 21:33

Tgt Ion:	113	Resp:	125125
Ion Ratio		Lower	Upper
113	100		
111	102.9	81.0	121.4
192	22.7	18.5	27.7



Abundance Ion 112.80 (112.50 to 113.50): V





#50

Toluene-d8

Concen: 51.628 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016896.D

Acq: 19 Jun 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

Tot Ion: 98 Resp: 548180

Ion Ratio Lower Upper

98 100

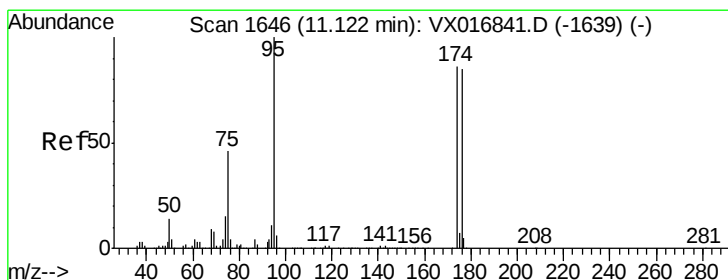
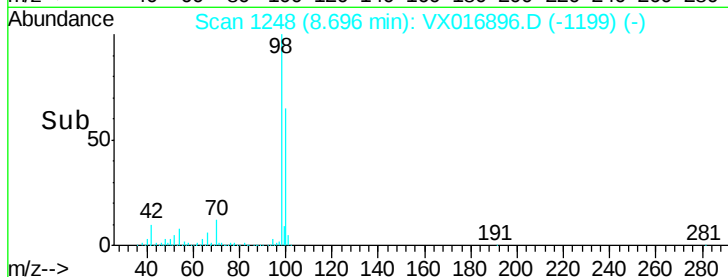
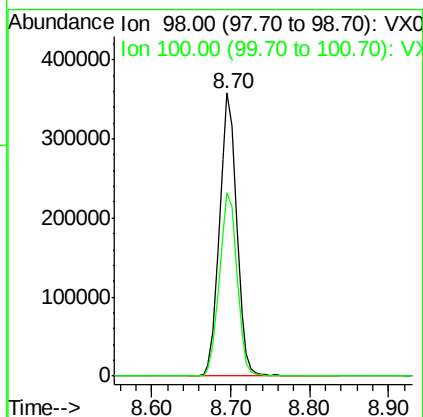
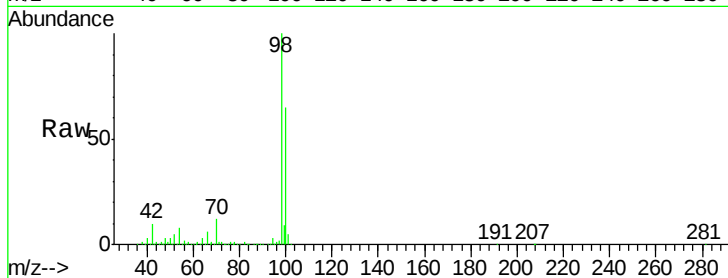
100 66.4 54.0 81.0

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#62

4-Bromofluorobenzene

Concen: 54.256 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016896.D

Acq: 19 Jun 2020 21:33

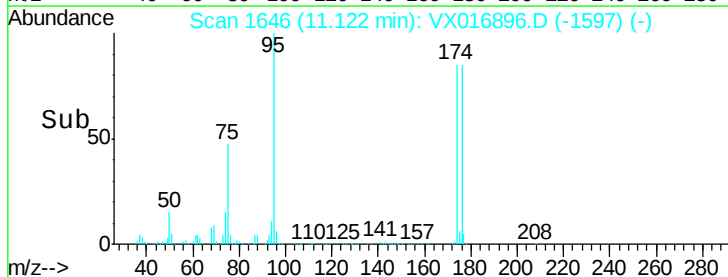
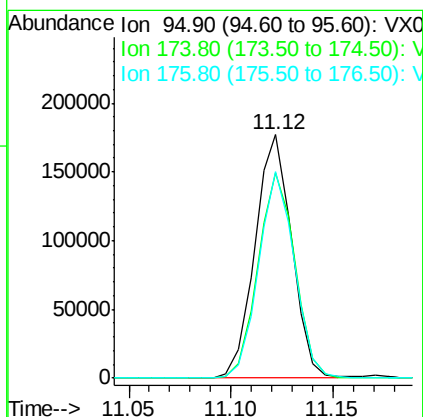
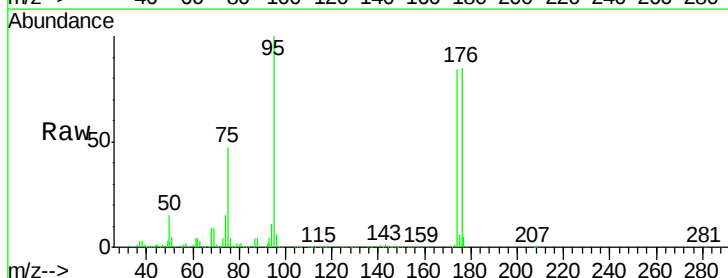
Tgt Ion: 95 Resp: 220719

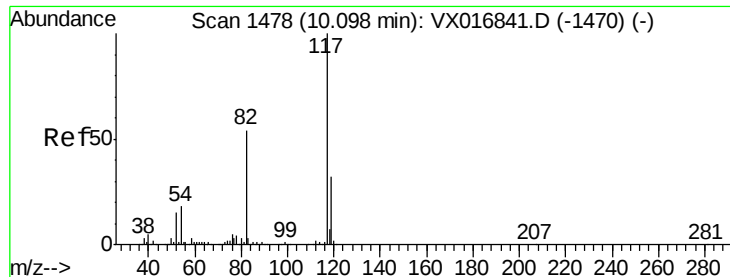
Ion Ratio Lower Upper

95 100

174 85.1 0.0 174.2

176 83.2 0.0 170.0





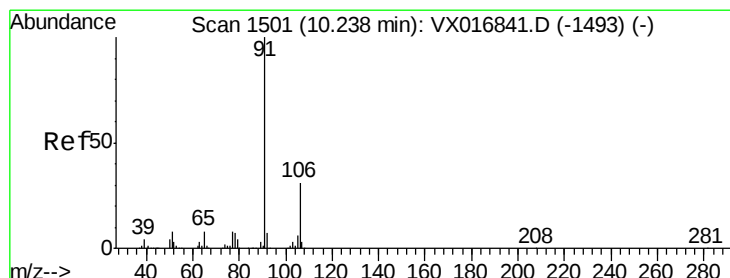
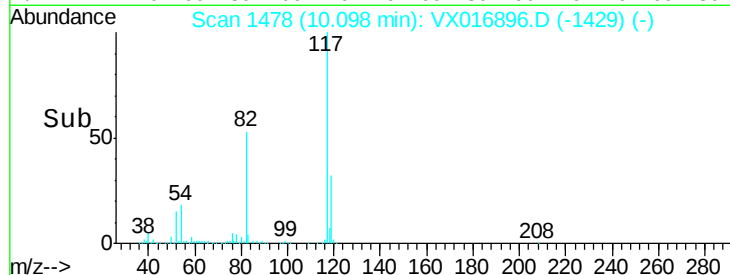
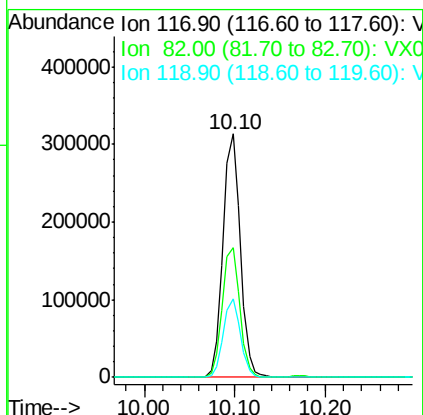
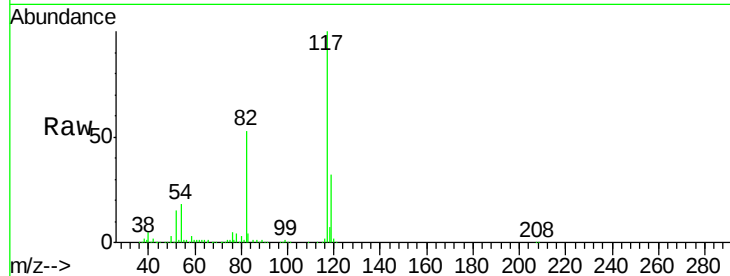
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016896.D
Acq: 19 Jun 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.4	65.0
119	32.4	25.7	38.5

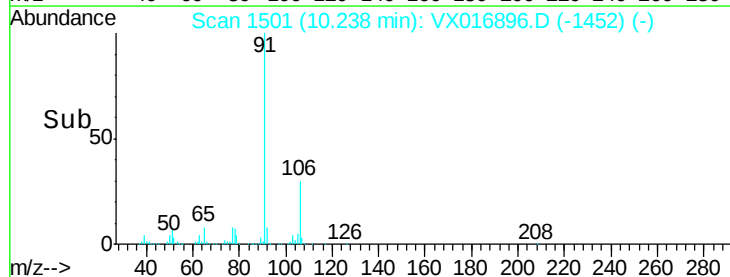
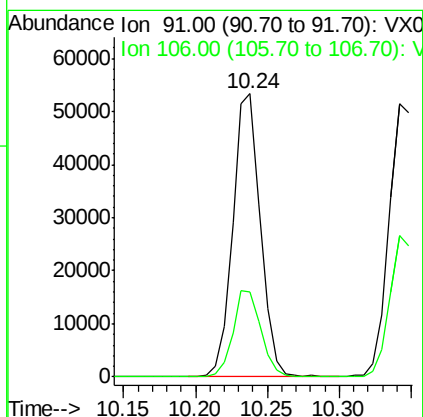
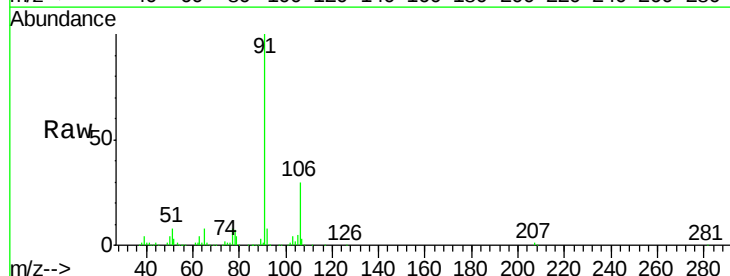
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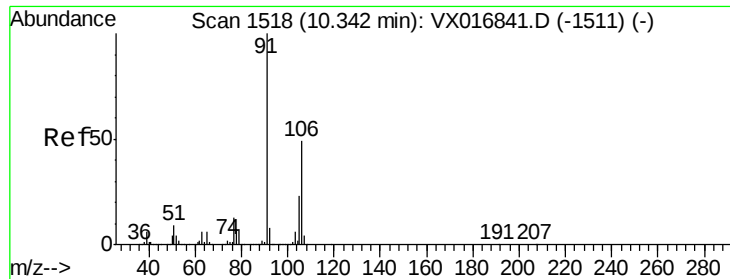
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#67
Ethyl Benzene
Concen: 4.987 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016896.D
Acq: 19 Jun 2020 21:33

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.1	37.7





#68

m/p-Xvlenes

Concen: 6.375 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016896.D

Acq: 19 Jun 2020 21:33

Instrument :

MSVOA_X

ClientSampled :

MW-2DL

Tot Ion:106 Resp: 35629

Ion Ratio Lower Upper

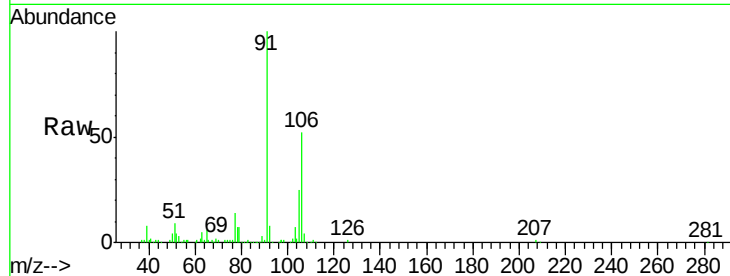
106 100

91 199.6 161.5 242.3

Manual Integrations
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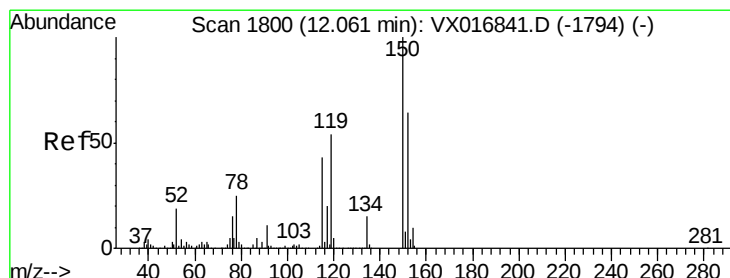
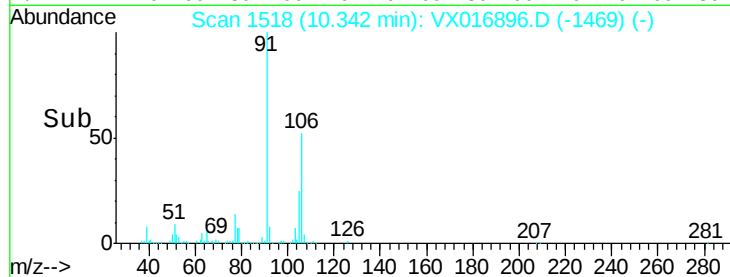
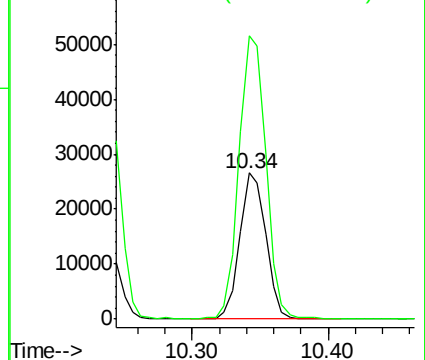
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016896.D

Acq: 19 Jun 2020 21:33

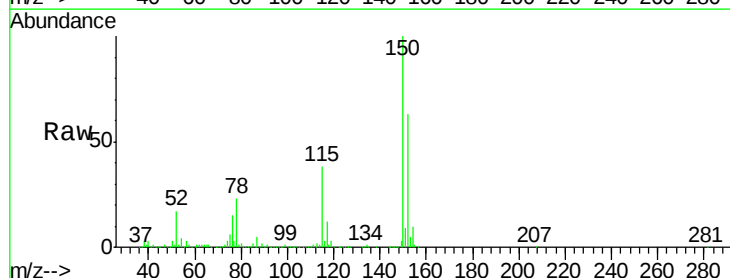
Tgt Ion:152 Resp: 227081

Ion Ratio Lower Upper

152 100

115 59.0 40.9 122.8

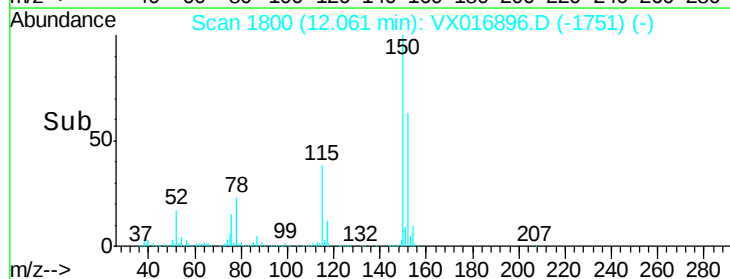
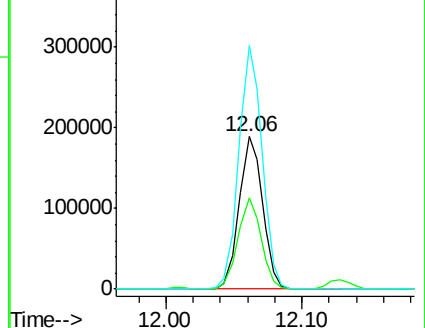
150 158.6 0.0 344.2

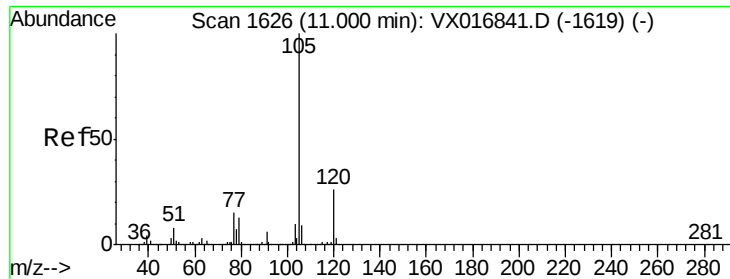


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 15.743 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016896.D

Acq: 19 Jun 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

Tot Ion: 105 Resp: 230174

Ion Ratio Lower Upper

105 100

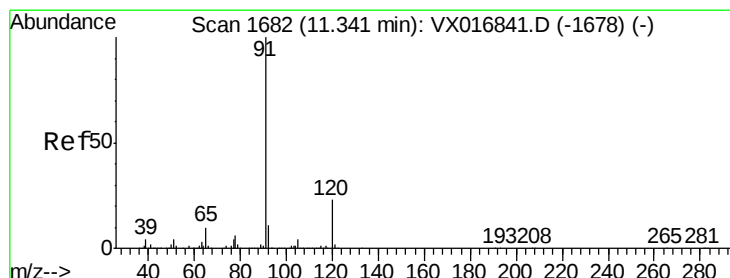
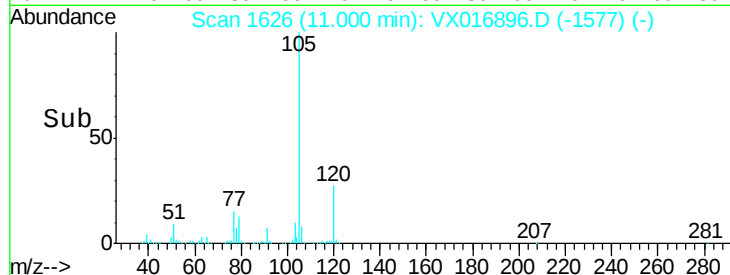
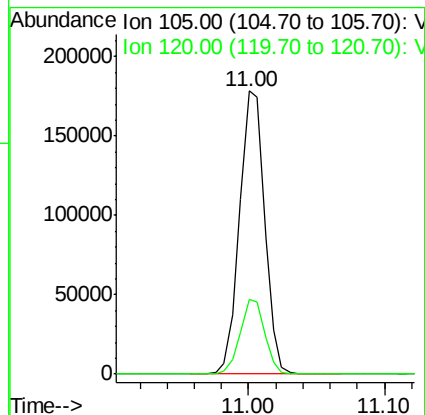
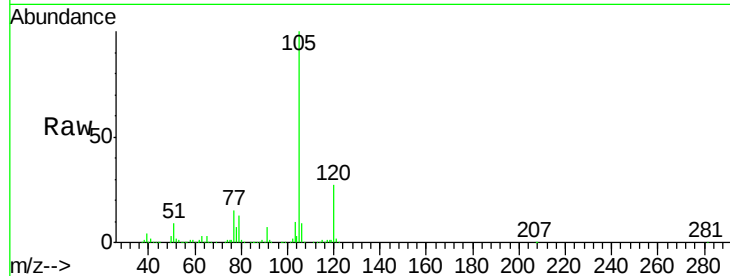
120 25.8 13.2 39.6

Manual Integrations

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#78

n-propylbenzene

Concen: 27.947 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016896.D

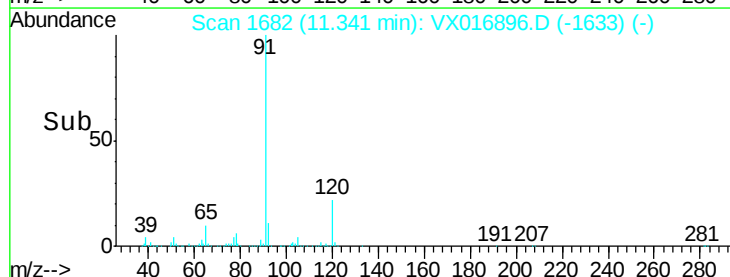
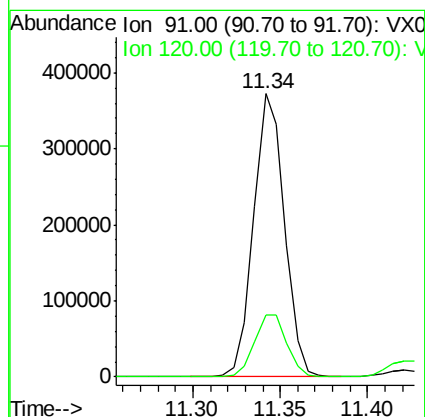
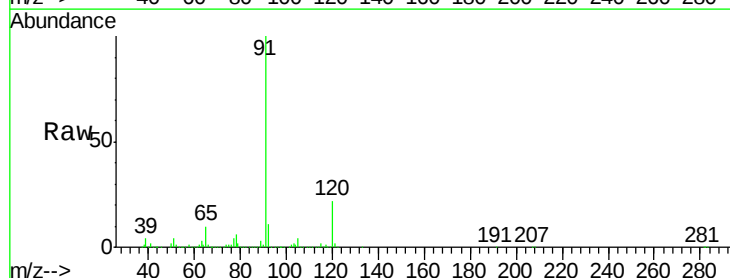
Acq: 19 Jun 2020 21:33

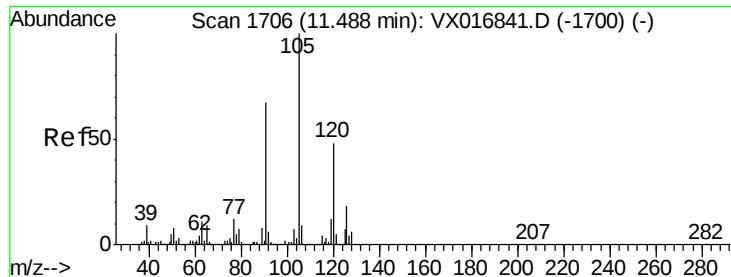
Tgt Ion: 91 Resp: 456014

Ion Ratio Lower Upper

91 100

120 23.1 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 10.065 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016896.D

Acq: 19 Jun 2020 21:33

Instrument :

MSVOA_X

ClientSampled :

MW-2DL

Tot Ion:105 Resp: 126969

Ion Ratio Lower Upper

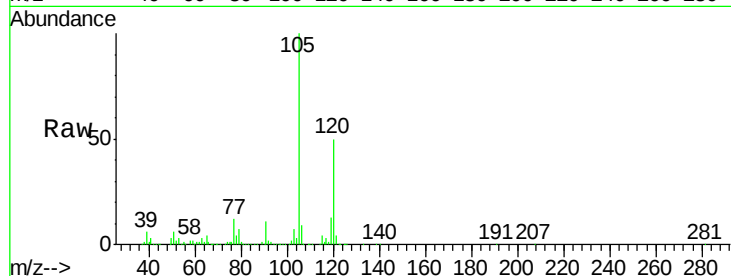
105 100

120 50.5 24.6 74.0

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

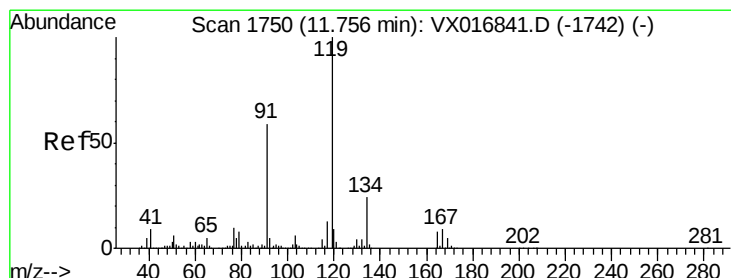
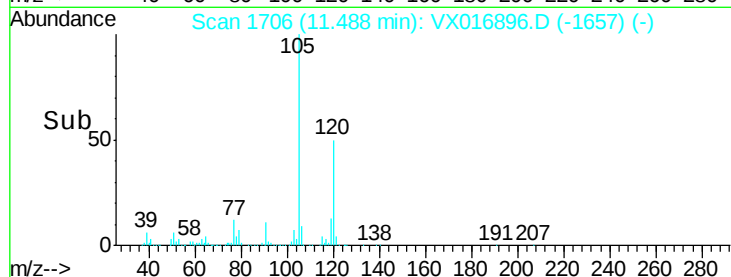
Ion 120.00 (119.70 to 120.70): V

100000

11.49

50000

Time-->



#83

tert-Butylbenzene

Concen: 1.704 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016896.D

Acq: 19 Jun 2020 21:33

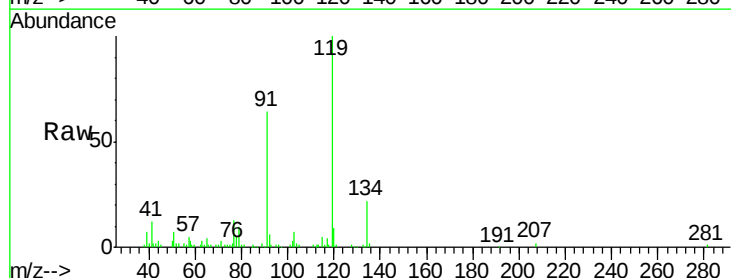
Tgt Ion:119 Resp: 21272

Ion Ratio Lower Upper

119 100

91 65.8 28.5 85.5

134 23.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

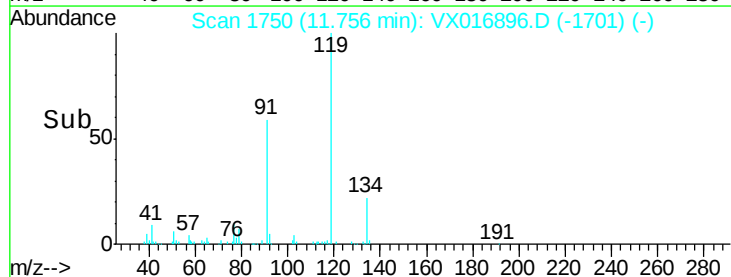
150000

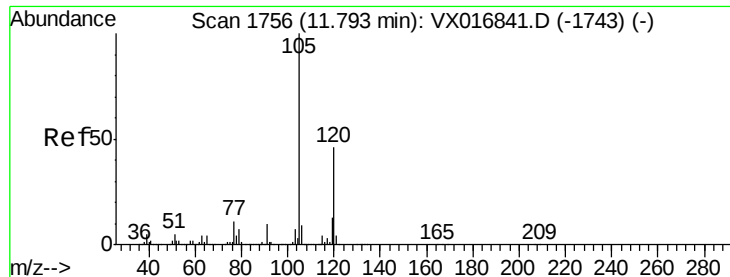
11.76

100000

50000

Time-->





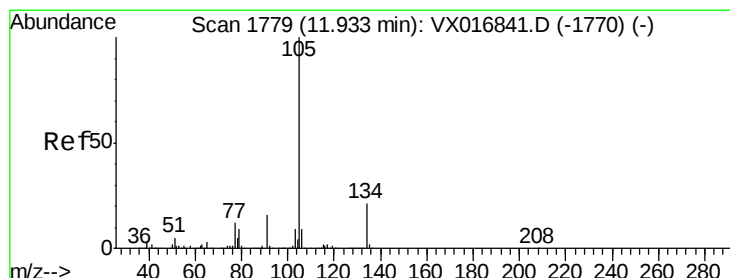
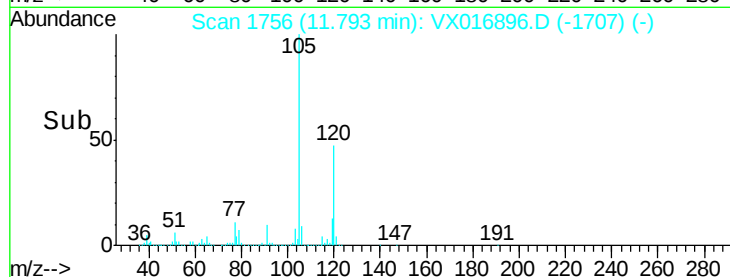
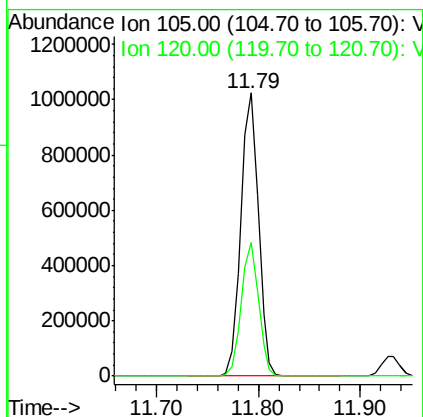
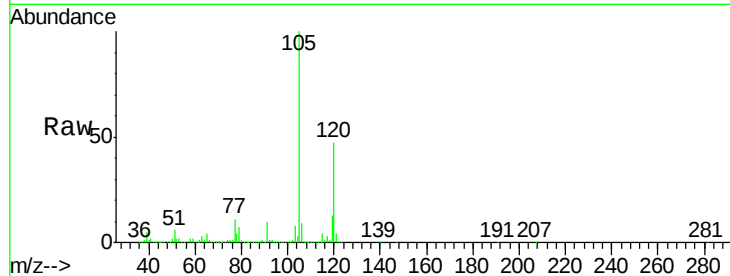
#84
 1,2,4-Trimethylbenzene
 Concen: 93.082 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016896.D
 Acq: 19 Jun 2020 21:33

Instrument :
 MSVOA_X
 ClientSampled :
 MW-2DL

Tot Ion:105 Resp: 1209559
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.3 66.9

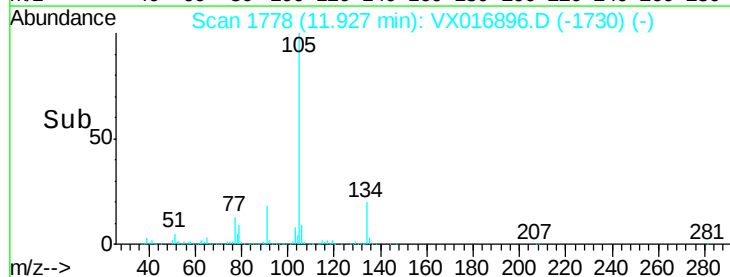
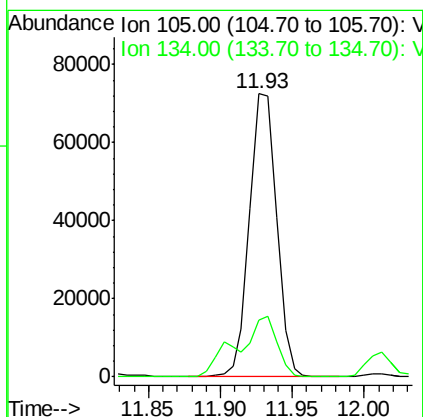
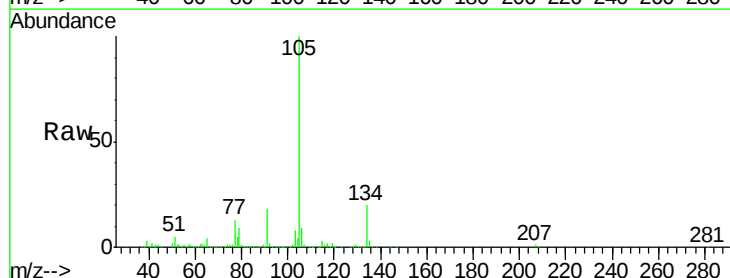
Manual Integrations
 APPROVED

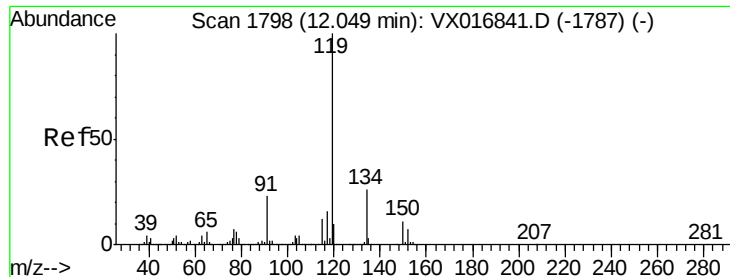
MMDadoda
 6/22/2020 12:23:28 PM



#85
 sec-Butylbenzene
 Concen: 6.531 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016896.D
 Acq: 19 Jun 2020 21:33

Tgt Ion:105 Resp: 94665
 Ion Ratio Lower Upper
 105 100
 134 31.5 10.4 31.2#





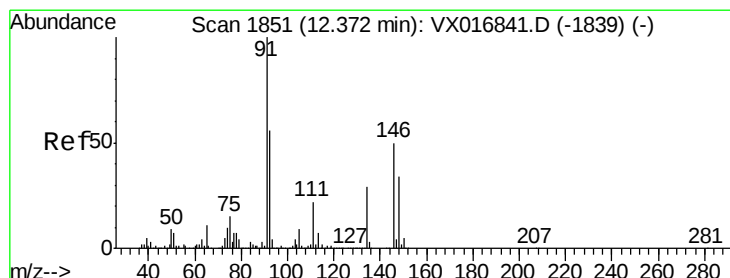
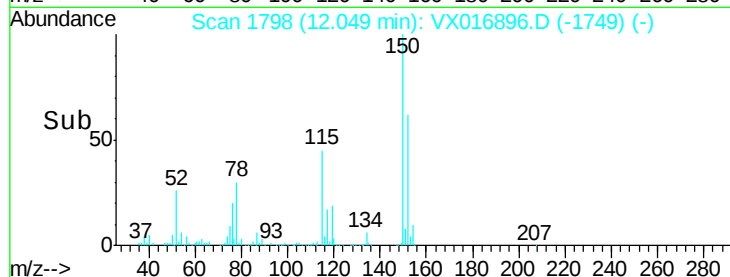
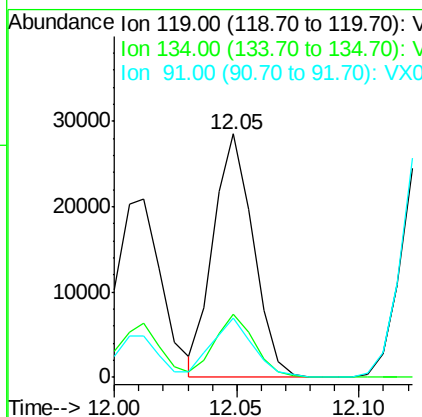
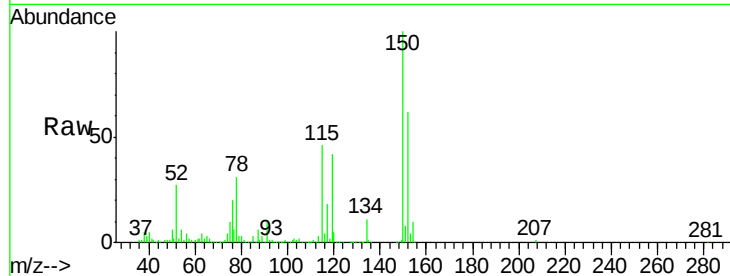
#86
p-Isopropyltoluene
Concen: 2.433 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX016896.D
Acq: 19 Jun 2020 21:33

Instrument :
MSVOA_X
ClientSampled :
MW-2DL

Tot Ion	Ratio	Resp	Lower	Upper
119	100	32311		
134	25.8	12.9	38.7	
91	24.5	11.6	34.8	

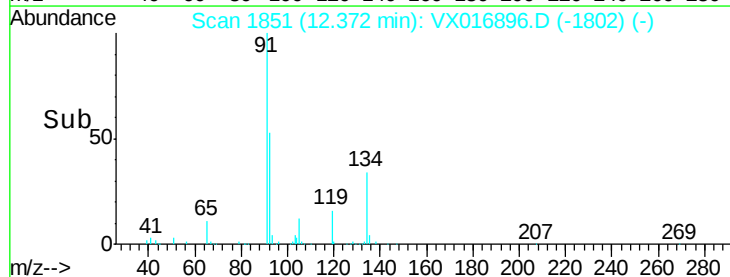
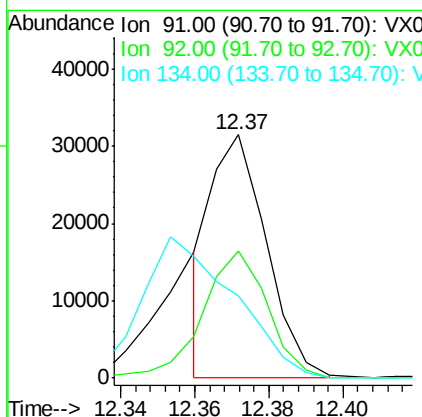
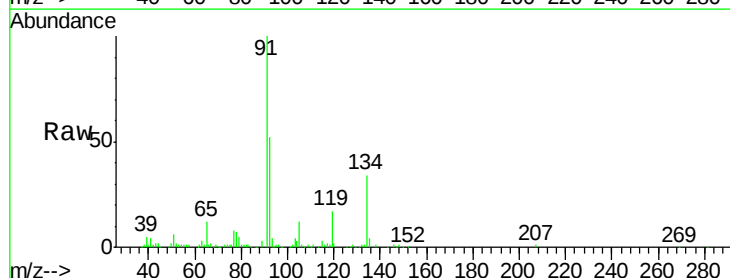
Manual Integrations
APPROVED

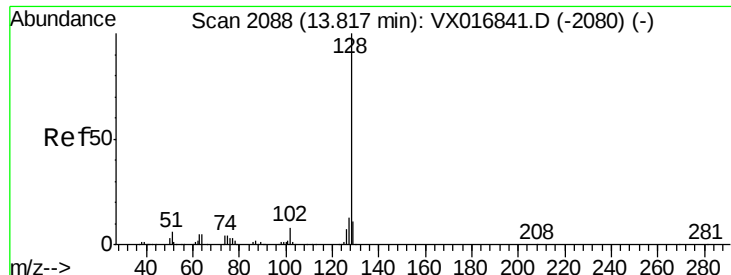
MMDadoda
6/22/2020 12:23:28 PM



#89
n-Butylbenzene
Concen: 2.876 ug/l m
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016896.D
Acq: 19 Jun 2020 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	32758		
92	62.1	27.4	82.2	
134	97.1	13.9	41.6#	





#95
Naphthalene
Concen: 5.273 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016896.D
Acq: 19 Jun 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/22/2020 12:23:28 PM

