

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
 Data File : VX016917.D
 Acq On : 20 Jun 2020 08:32
 Operator : JC/SP
 Sample : L3066-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:22:02 PM

Quant Time: Jul 03 06:21:21 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	346176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	567800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	511870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	308578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	208117	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	5.46	113	173792	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	8.70	98	607225	41.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.58%	
62) 4-Bromofluorobenzene	11.12	95	263466	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	3418	2.262	ug/l	98
30) Chloroform	5.17	83	2283	0.369	ug/l	91
39) Methylcyclohexane	7.44	83	6389	1.048	ug/l	94
40) Benzene	6.12	78	6775	0.431	ug/l	94
44) Trichloroethene	7.18	130	2607	0.541	ug/l	91
64) Tetrachloroethene	9.32	164	3734	0.788	ug/l	90
67) Ethyl Benzene	10.24	91	939635	53.728	ug/l	99
68) m/p-Xylenes	10.35	106	466785	68.590	ug/l	99
69) o-Xylene	10.68	106	7679	1.220	ug/l	84
73) Isopropylbenzene	11.00	105	2847875	143.340	ug/l	99
78) n-propylbenzene	11.35	91	5506950	248.363	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1913308	111.615	ug/l	99
83) tert-Butylbenzene	11.76	119	324017	19.104	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	12891821	730.078	ug/l	83
85) sec-Butylbenzene	11.93	105	1311209	66.565	ug/l #	75
86) p-Isopropyltoluene	12.05	119	494698	27.410	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	3006	0.300	ug/l #	1
89) n-Butylbenzene	12.37	91	467711m	30.221	ug/l	
95) Naphthalene	13.82	128	875872	46.490	ug/l	99

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

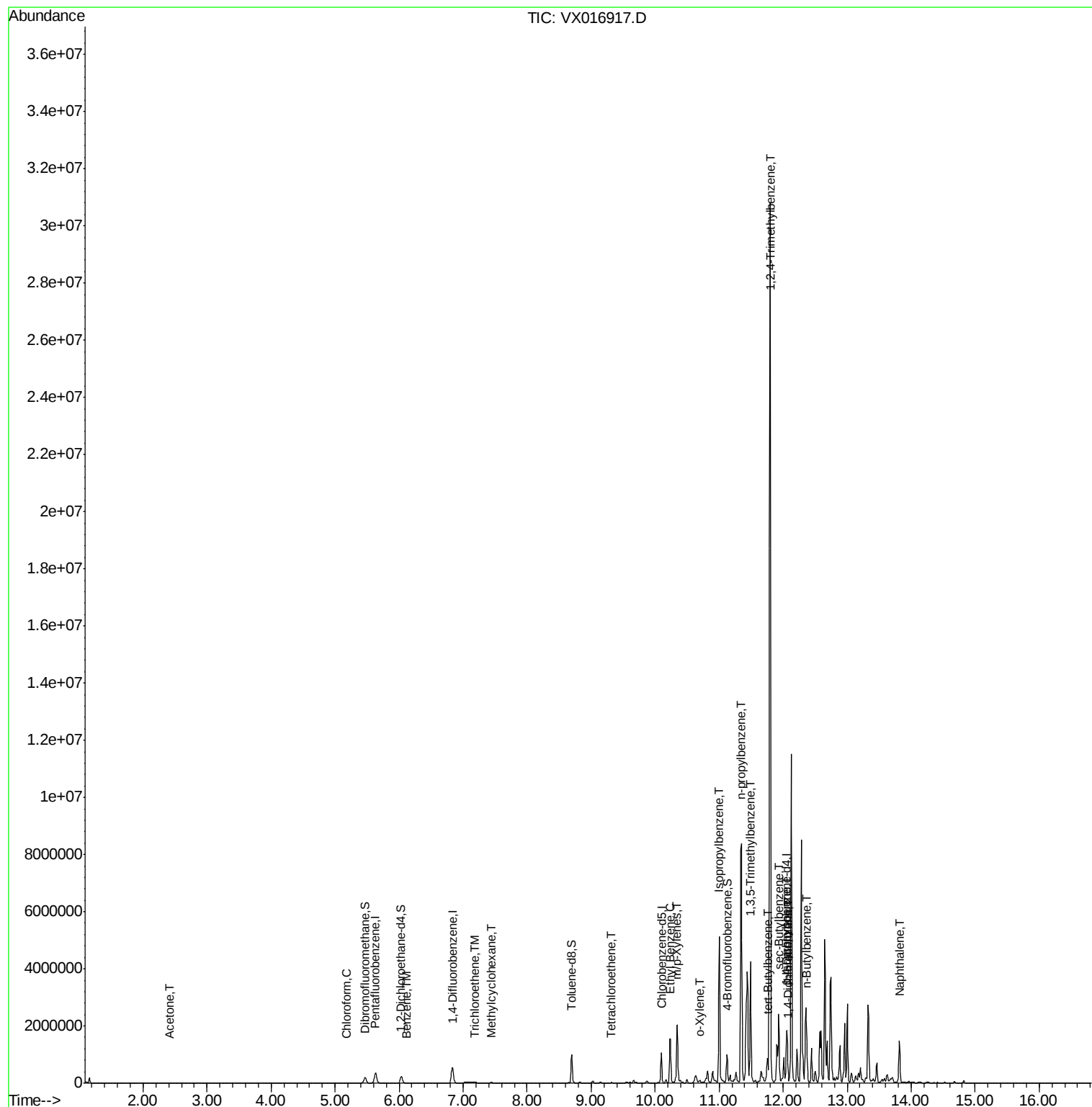
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
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ALS Vial : 50 Sample Multiplier: 1

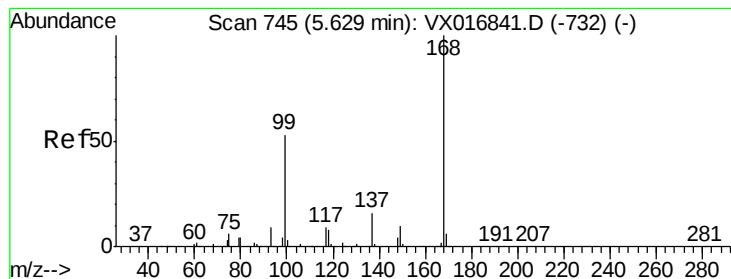
Instrument :
MSVOA_X
ClientSampleId :
MW-2

Manual Integrations
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Quant Time: Jul 03 06:21:21 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampled :

MW-2

Tgt Ion:168 Resp: 346176

Ion Ratio Lower Upper

168 100

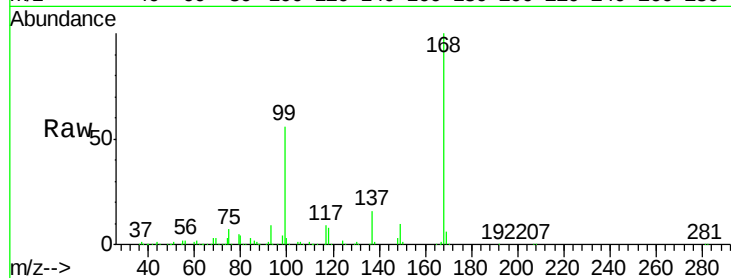
99 55.7 42.2 63.2

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

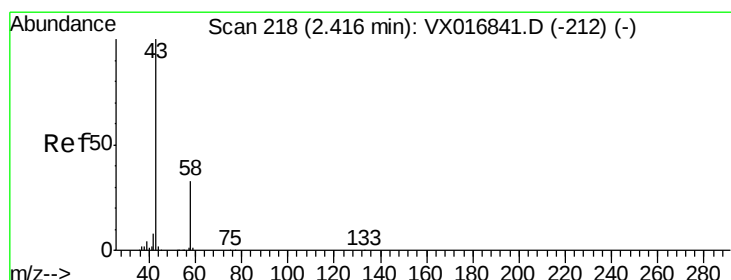
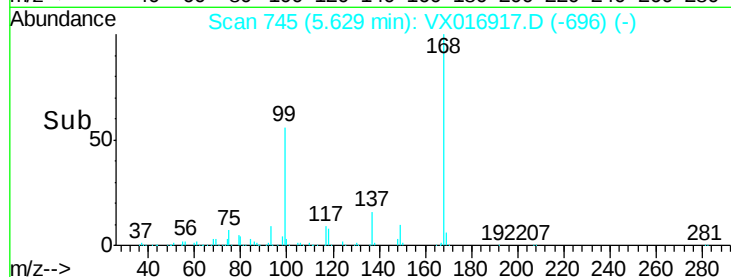
5.63

100000

50000

0

Time-->



#16

Acetone

Concen: 2.262 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016917.D

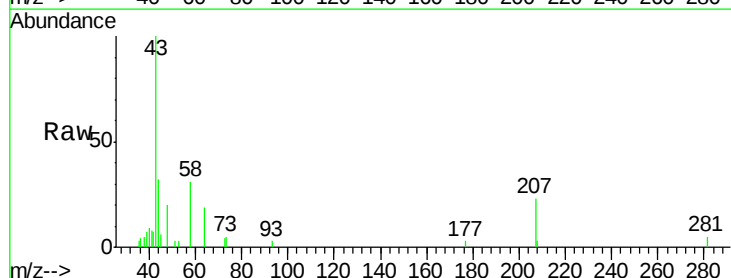
Acq: 20 Jun 2020 08:32

Tgt Ion: 43 Resp: 3418

Ion Ratio Lower Upper

43 100

58 32.3 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

2000

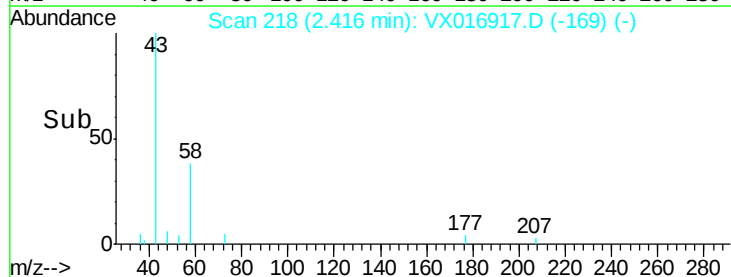
1500

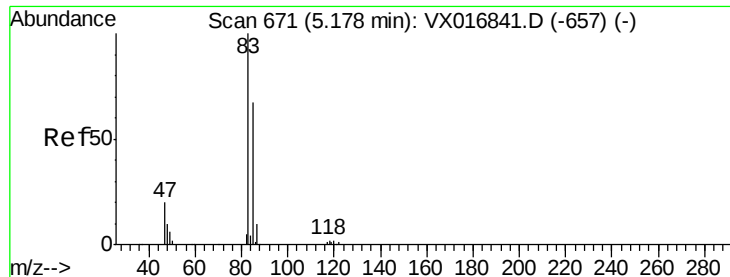
1000

500

0

Time-->





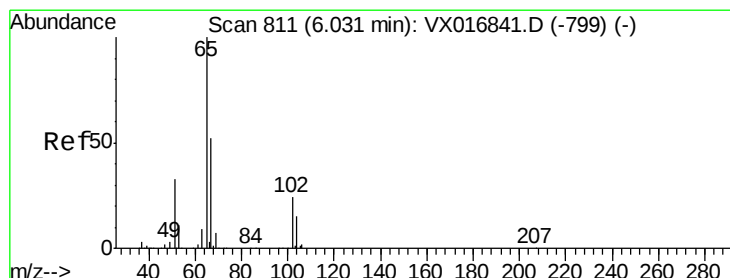
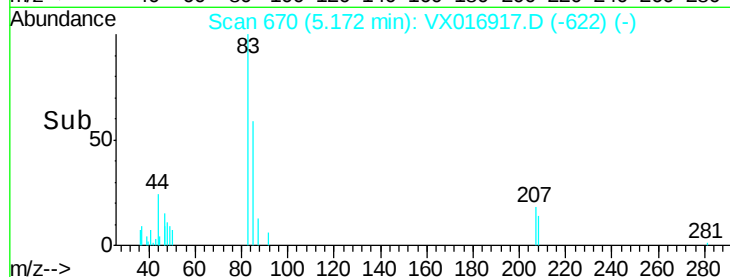
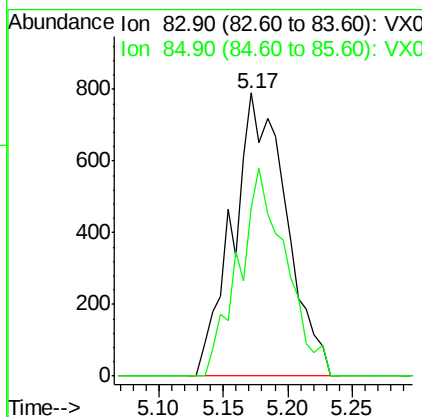
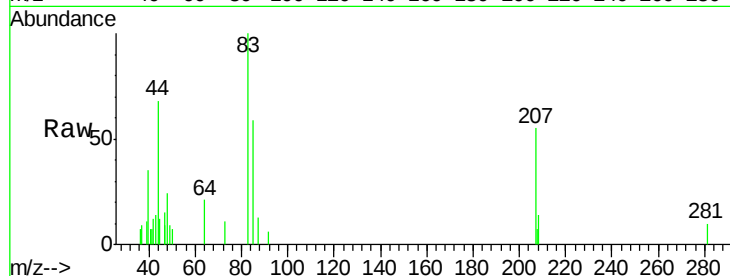
#30
Chloroform
Concen: 0.369 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Instrument :
MSVOA_X
ClientSampled :
MW-2

Tgt Ion: 83 Resp: 2283
Ion Ratio Lower Upper
83 100
85 59.4 53.4 80.0

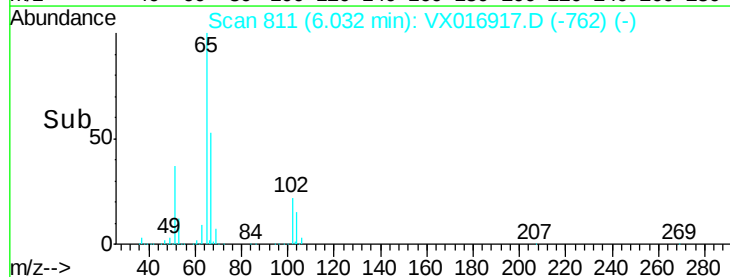
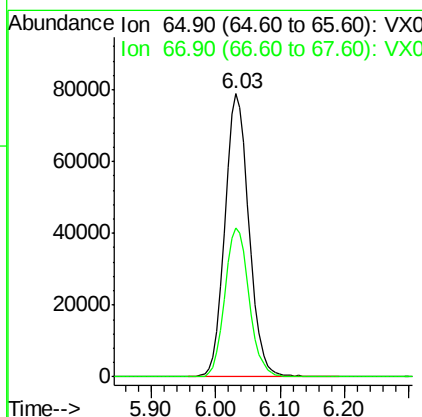
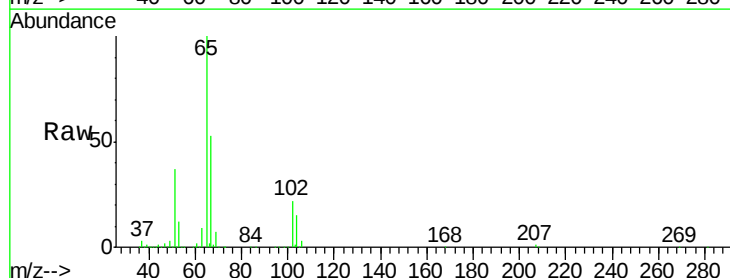
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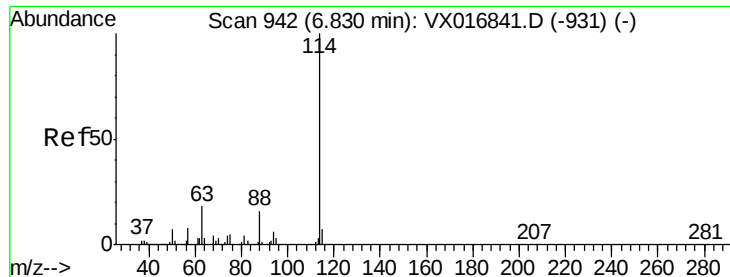
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#33
1,2-Dichloroethane-d4
Concen: 49.988 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Tgt Ion: 65 Resp: 208117
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

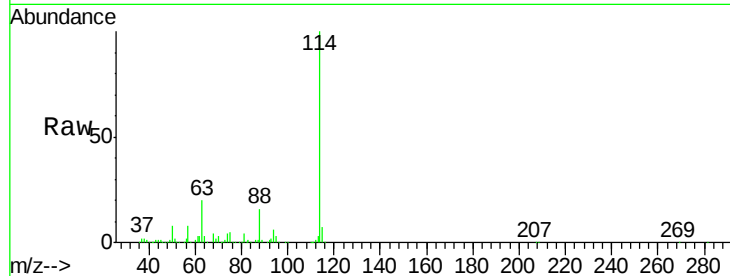
ClientSampled :

MW-2

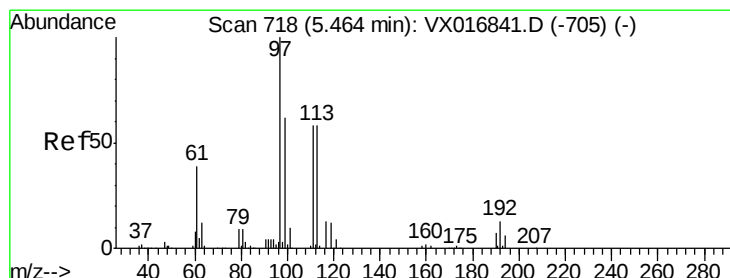
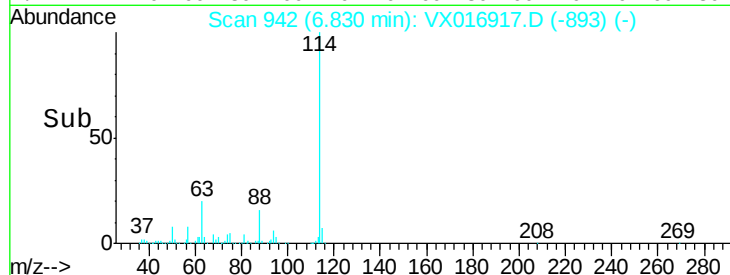
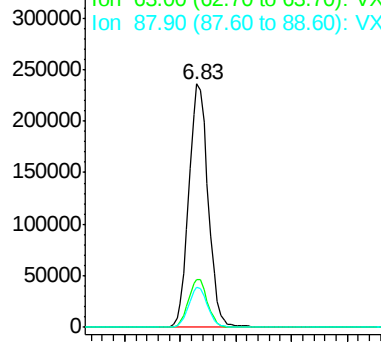
Tgt Ion:	114	Resp:	567800
Ion Ratio		Lower	Upper
114	100		
63	19.7	0.0	37.0
88	16.5	0.0	32.0

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Abundance Ion 113.90 (113.60 to 114.60): V



#35

Dibromofluoromethane

Concen: 47.847 ug/l

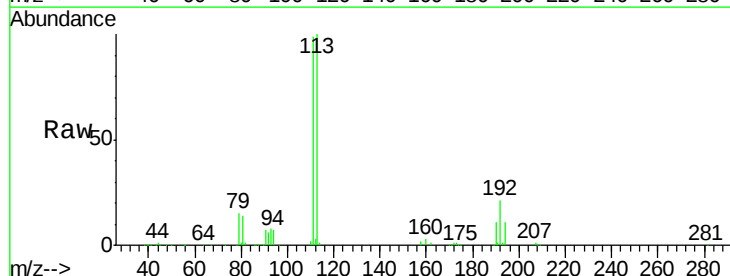
RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

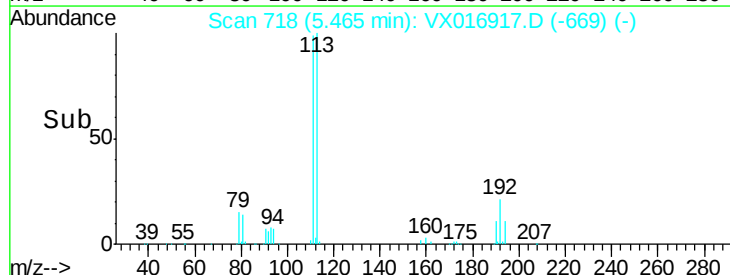
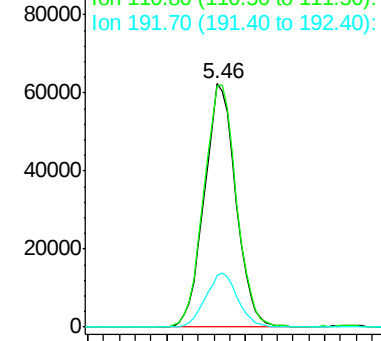
Lab File: VX016917.D

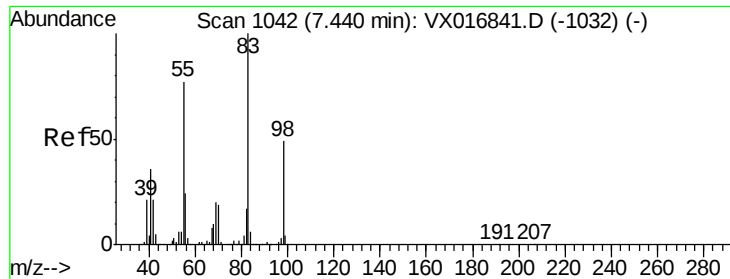
Acq: 20 Jun 2020 08:32

Tgt Ion:	113	Resp:	173792
Ion Ratio		Lower	Upper
113	100		
111	102.6	81.0	121.4
192	22.7	18.5	27.7



Abundance Ion 112.80 (112.50 to 113.50): V





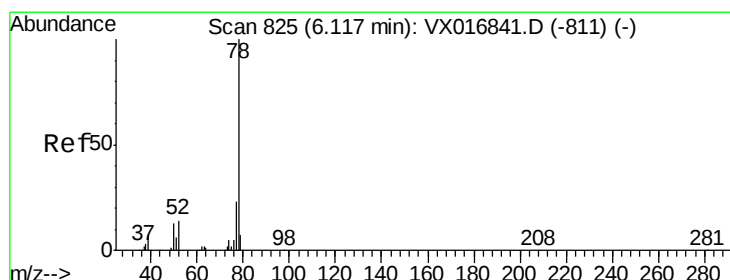
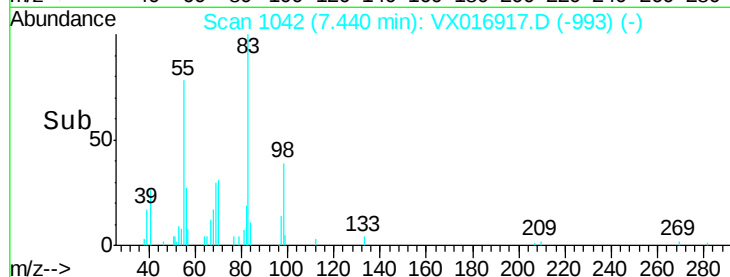
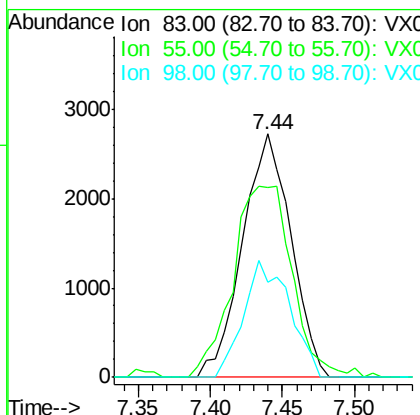
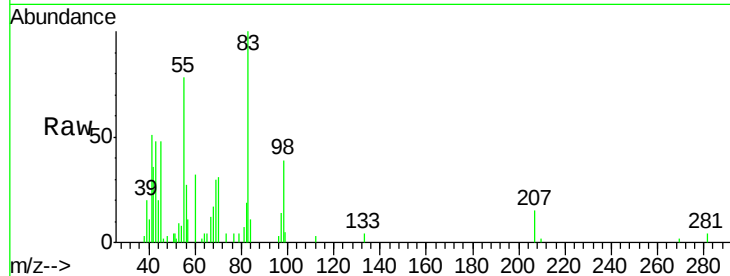
#39
Methylcyclohexane
Concen: 1.048 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Instrument :
MSVOA_X
ClientSampled :
MW-2

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.0	61.7	92.5
98	39.1	39.0	58.6

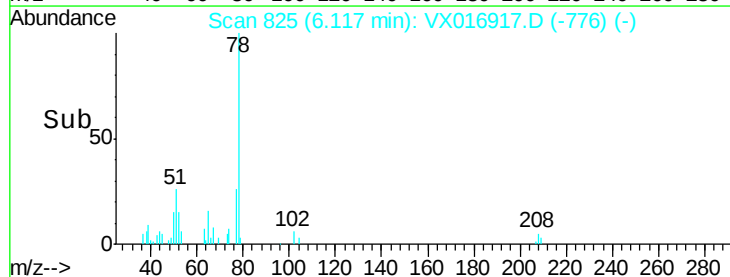
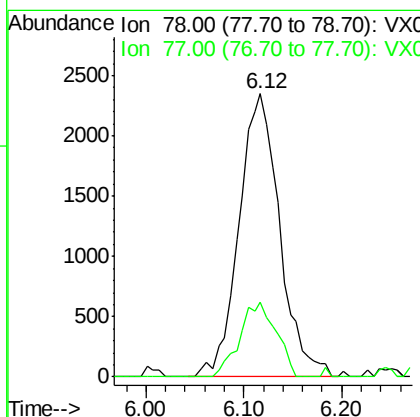
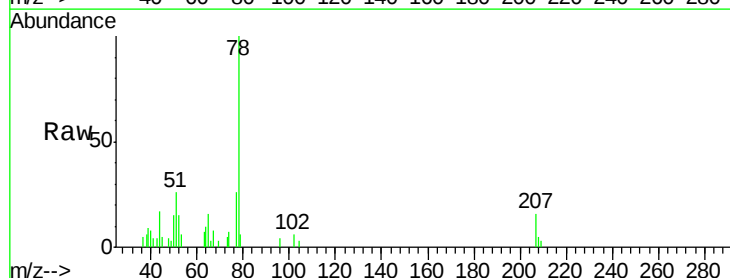
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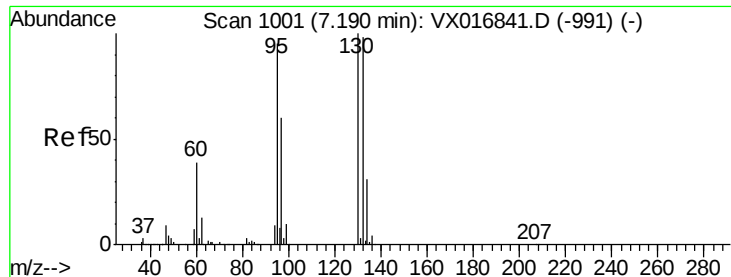
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#40
Benzene
Concen: 0.431 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.3	18.6	27.8





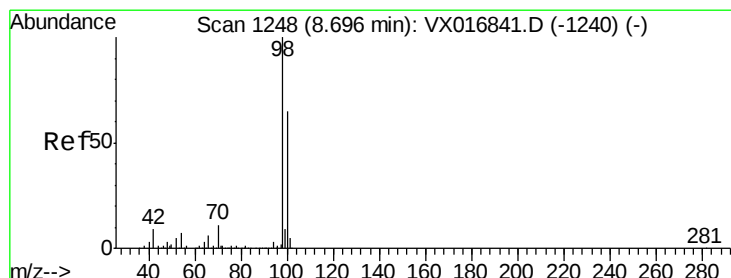
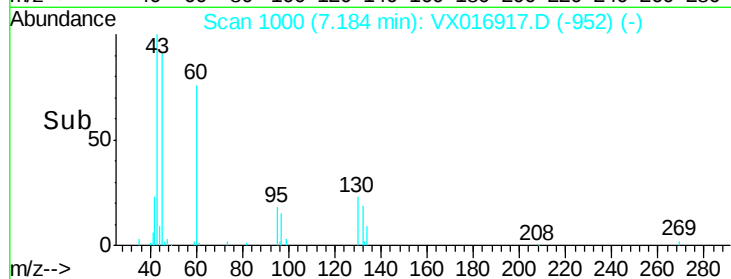
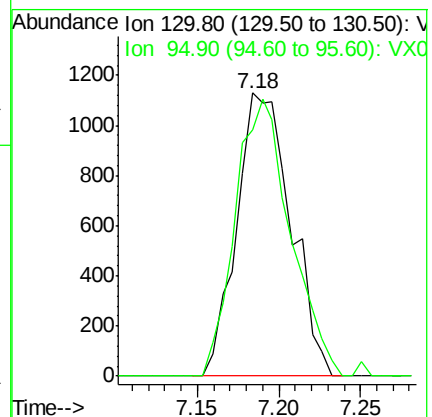
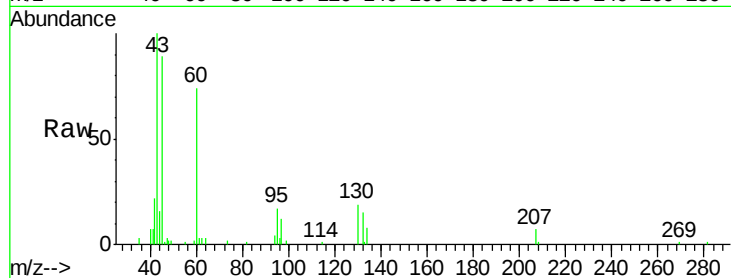
#44
 Trichloroethene
 Concen: 0.541 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016917.D
 Acq: 20 Jun 2020 08:32

Instrument :
 MSVOA_X
 ClientSampled :
 MW-2

Tgt Ion:130 Resp: 2607
 Ion Ratio Lower Upper
 130 100
 95 87.0 0.0 190.8

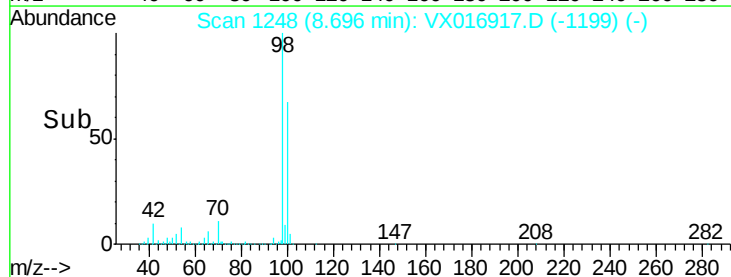
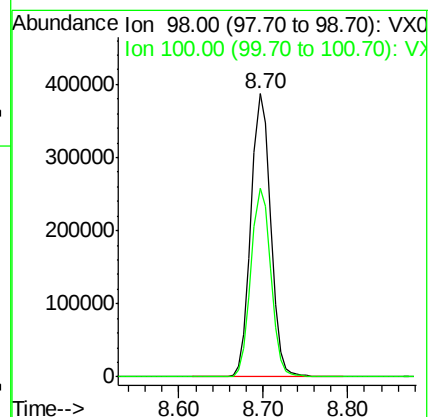
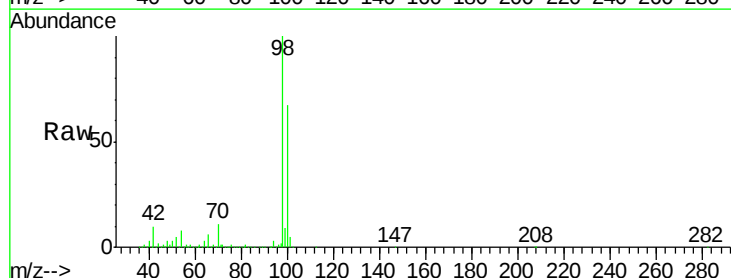
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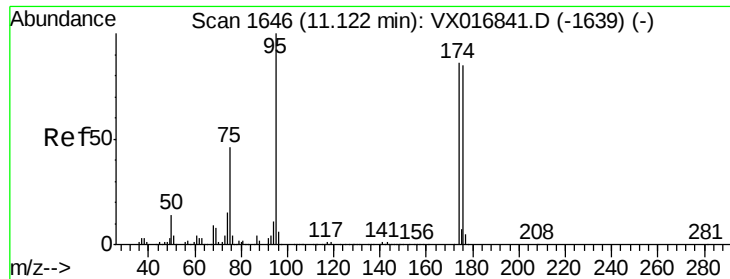
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#50
 Toluene-d8
 Concen: 41.785 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX016917.D
 Acq: 20 Jun 2020 08:32

Tgt Ion: 98 Resp: 607225
 Ion Ratio Lower Upper
 98 100
 100 67.1 54.0 81.0





#62

4-Bromofluorobenzene

Concen: 47.319 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

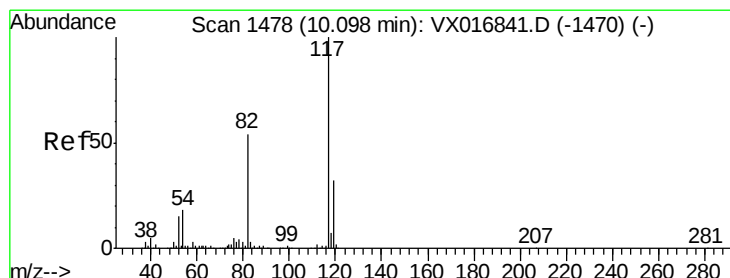
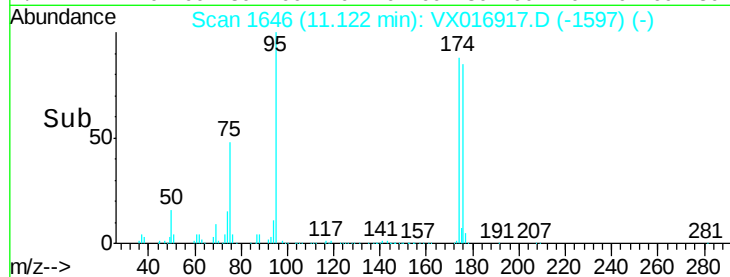
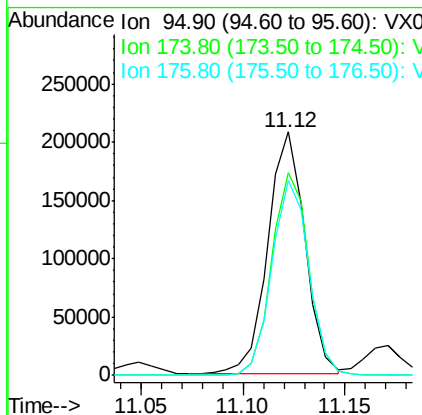
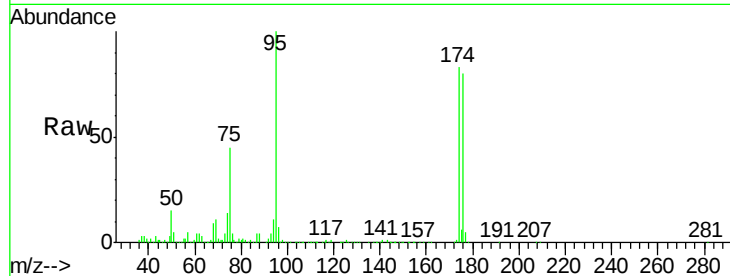
ClientSampled :

MW-2

Tgt Ion:	95	Resp:	263466
Ion Ratio	Lower	Upper	
95	100		
174	83.8	0.0	174.2
176	80.1	0.0	170.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

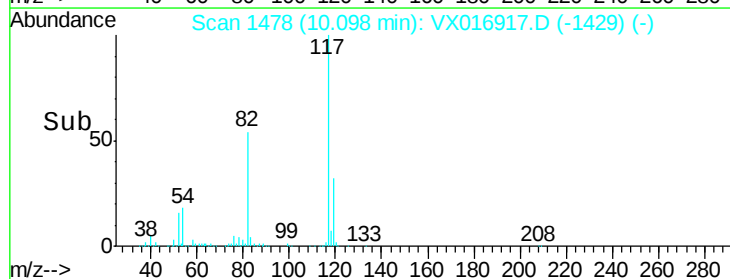
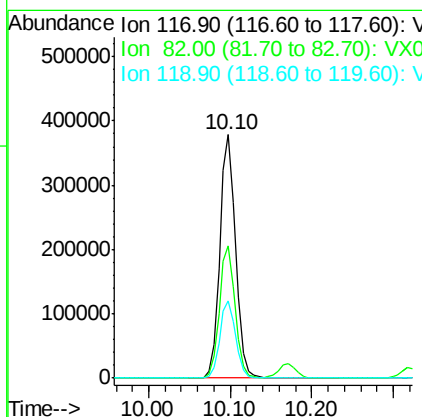
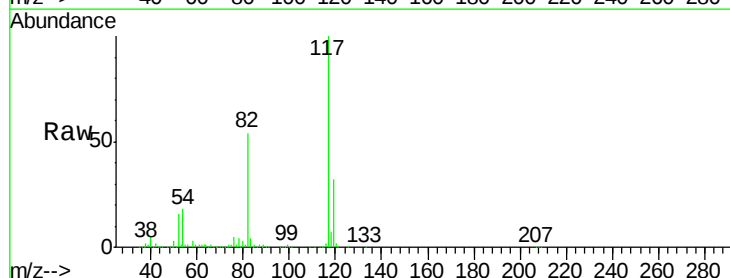
RT: 10.10 min Scan# 1478

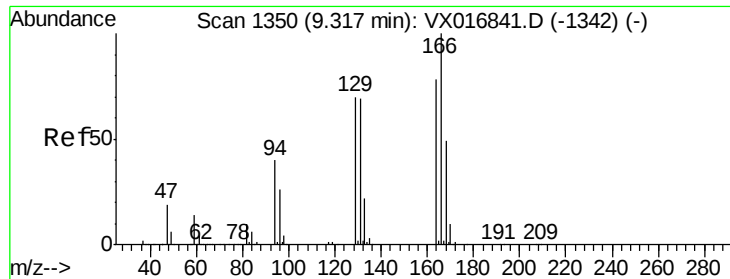
Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Tgt Ion:	117	Resp:	511870
Ion Ratio	Lower	Upper	
117	100		
82	54.0	43.4	65.0
119	31.9	25.7	38.5





#64

Tetrachloroethene

Concen: 0.788 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampled :

MW-2

Tgt Ion: 164 Resp: 3734

Ion Ratio Lower Upper

164 100

166 105.8 102.6 153.8

129 83.0 72.2 108.2

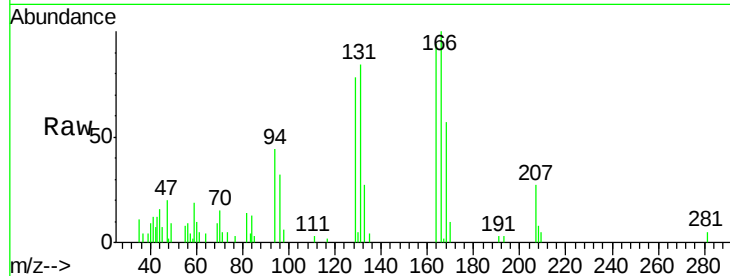
131 88.9 70.8 106.2

Manual Integrations

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MMDadoda

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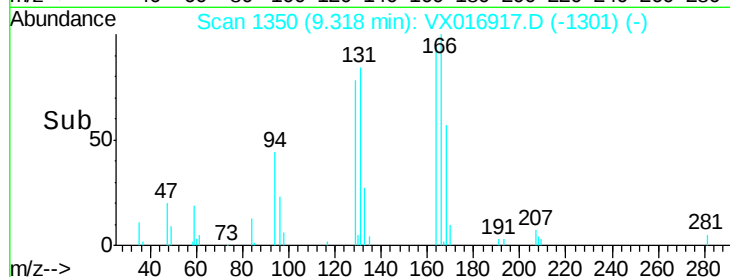


Abundance Ion 163.80 (163.50 to 164.50): V

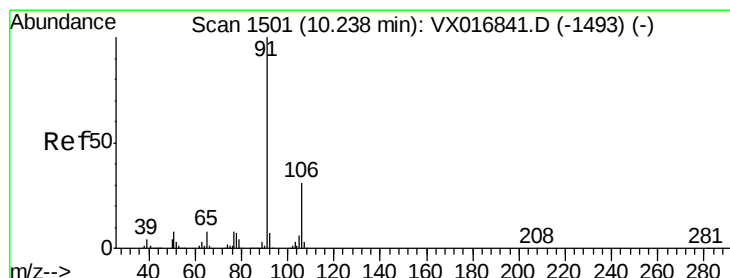
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#67

Ethyl Benzene

Concen: 53.728 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016917.D

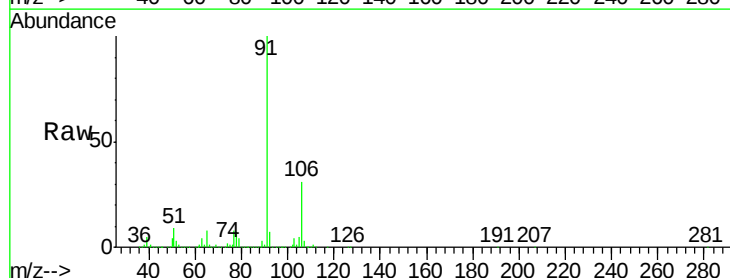
Acq: 20 Jun 2020 08:32

Tgt Ion: 91 Resp: 939635

Ion Ratio Lower Upper

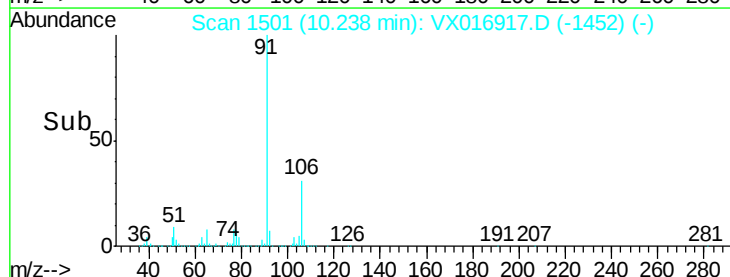
91 100

106 31.1 25.1 37.7

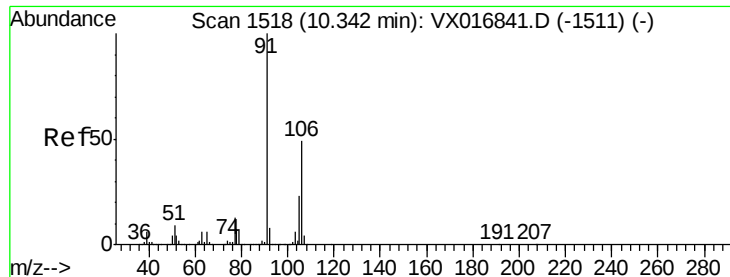


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



Time-->



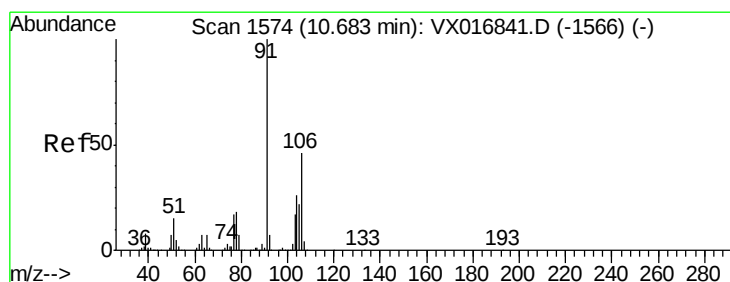
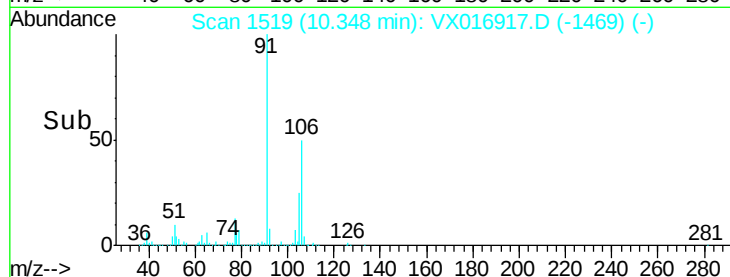
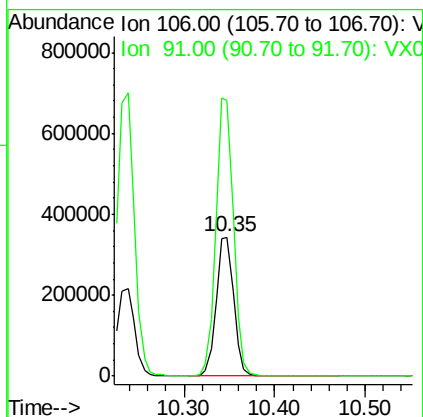
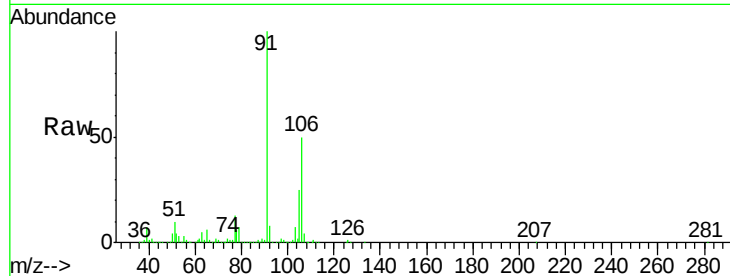
#68
m/p-Xylenes
Concen: 68.590 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Instrument :
MSVOA_X
ClientSampled :
MW-2

Tgt Ion:106 Resp: 466785
Ion Ratio Lower Upper
106 100
91 200.7 161.5 242.3

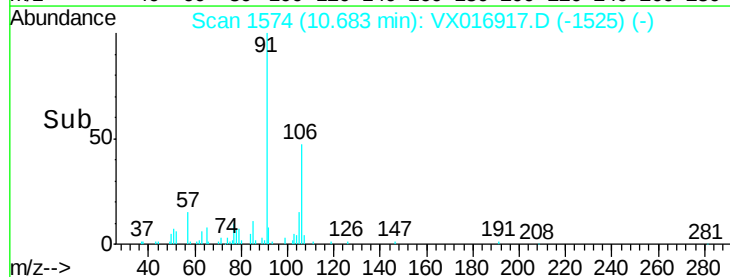
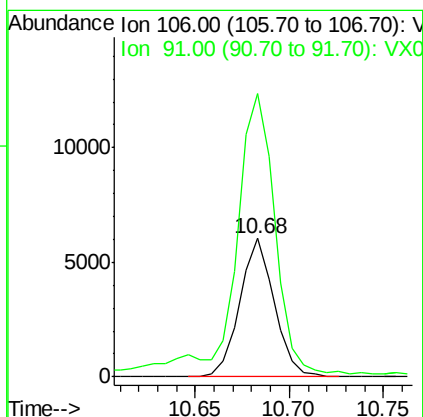
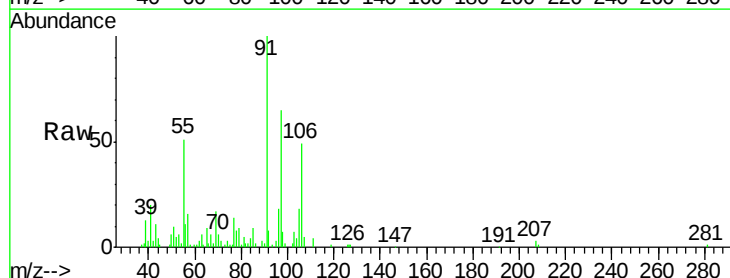
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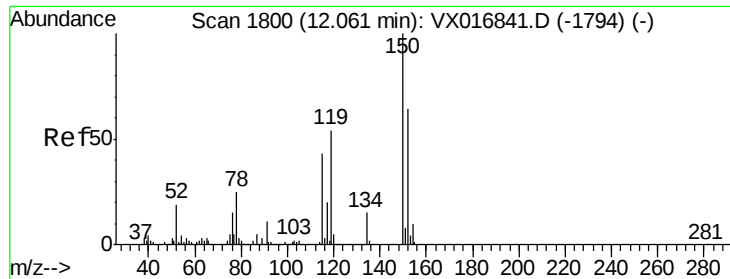
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#69
o-Xylene
Concen: 1.220 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Tgt Ion:106 Resp: 7679
Ion Ratio Lower Upper
106 100
91 240.9 107.9 323.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampled :

MW-2

Tgt Ion:152 Resp: 308578
Ion Ratio Lower Upper

152 100

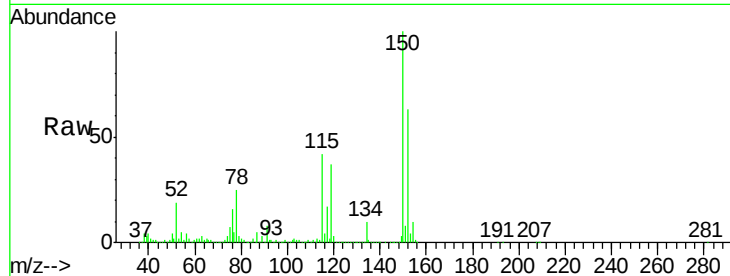
115 69.8 40.9 122.8

150 156.5 0.0 344.2

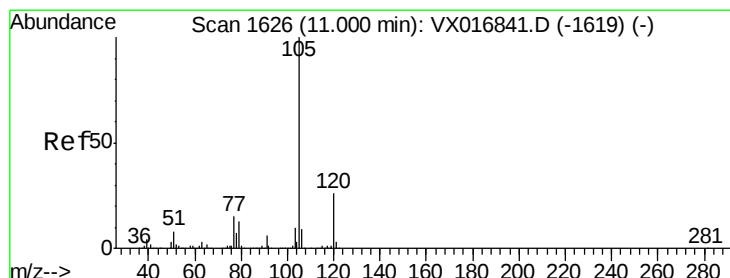
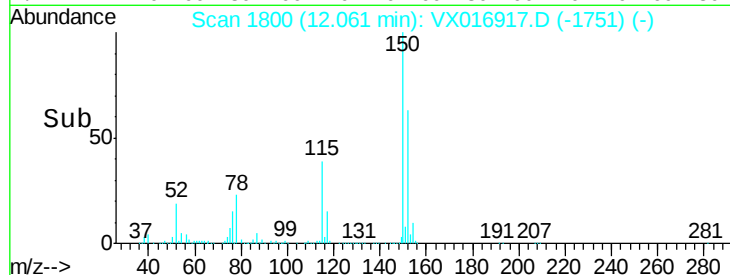
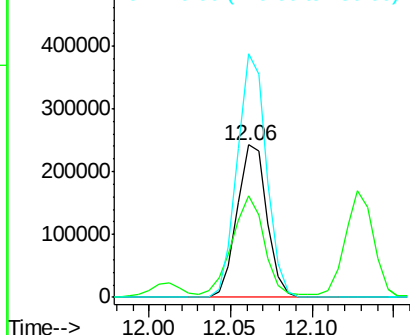
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 143.340 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

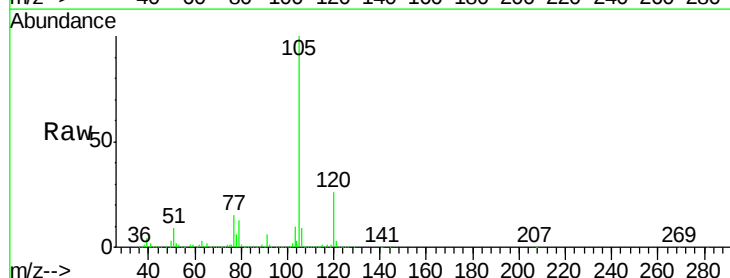
Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

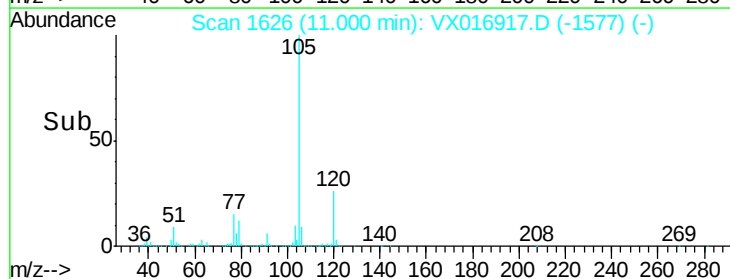
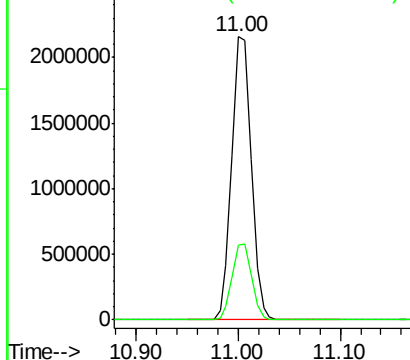
Tgt Ion:105 Resp: 2847875
Ion Ratio Lower Upper

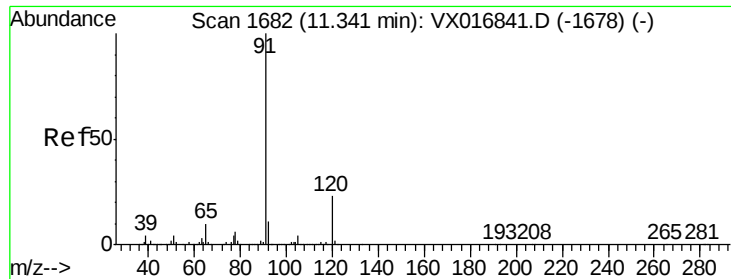
105 100

120 26.8 13.2 39.6



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





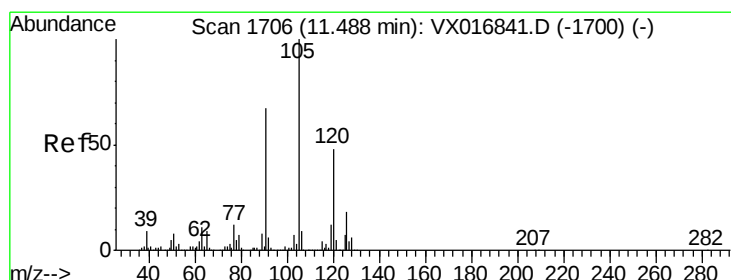
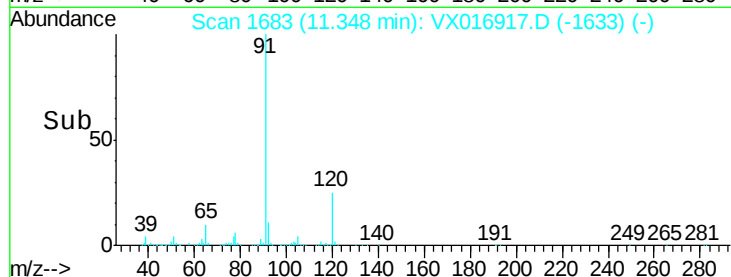
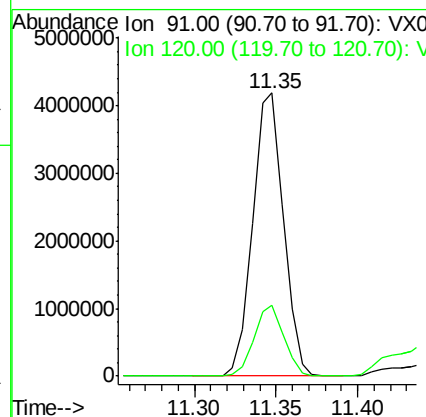
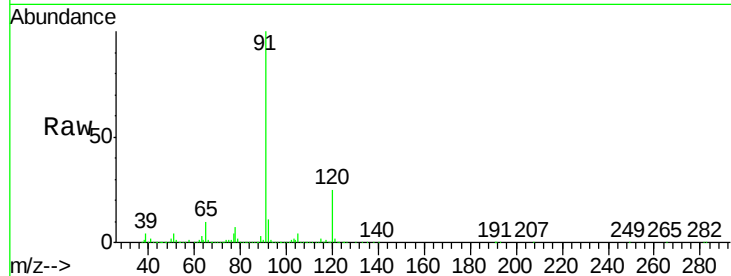
#78
n-propylbenzene
Concen: 248.363 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 91 Resp: 5506950
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.5

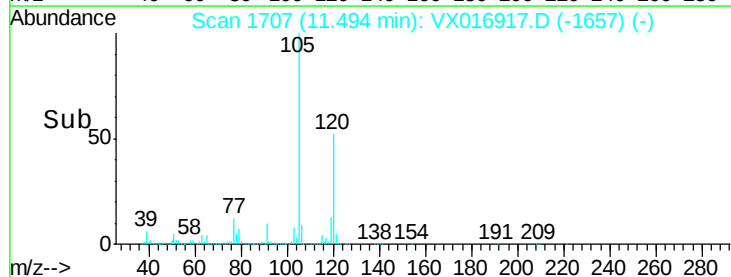
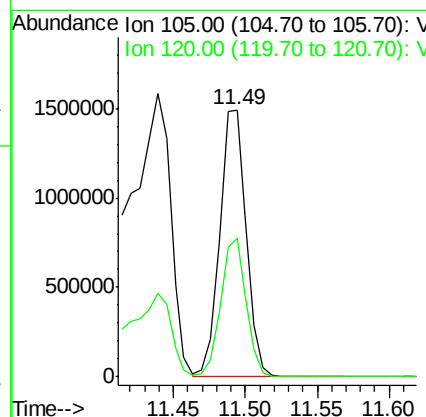
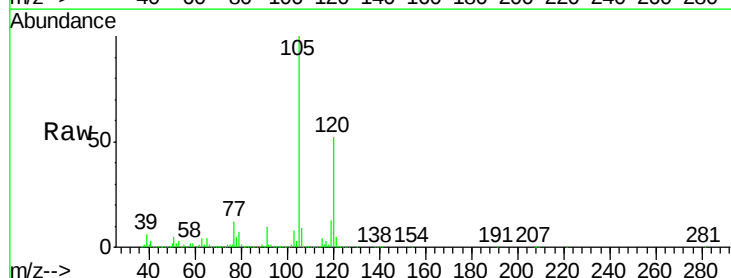
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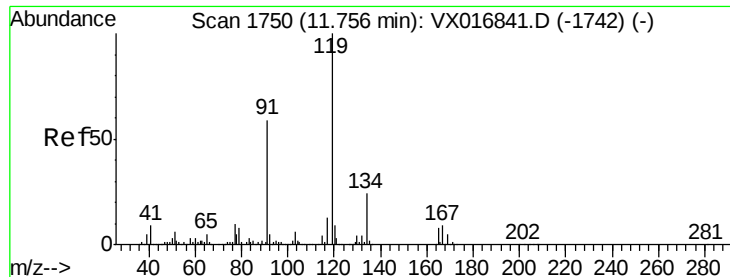
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#80
1,3,5-Trimethylbenzene
Concen: 111.615 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Tgt Ion: 105 Resp: 1913308
Ion Ratio Lower Upper
105 100
120 50.1 24.6 74.0





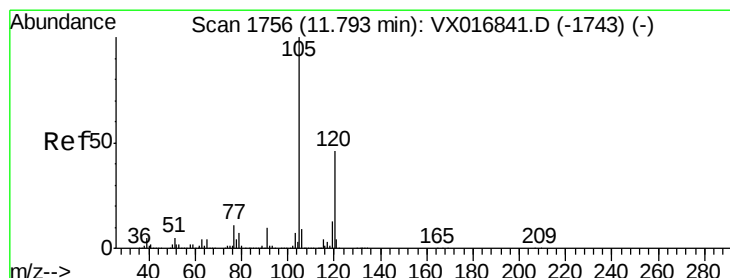
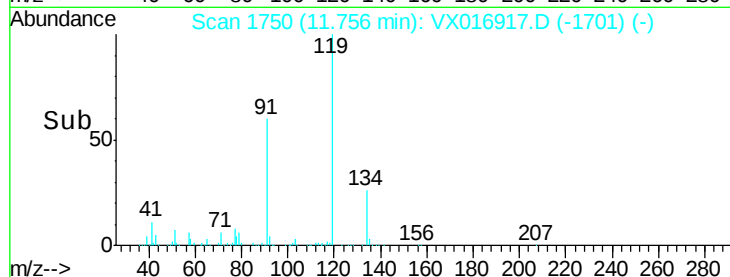
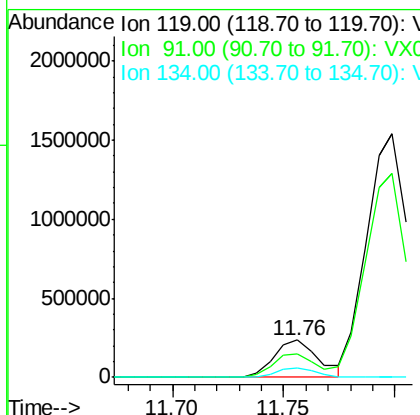
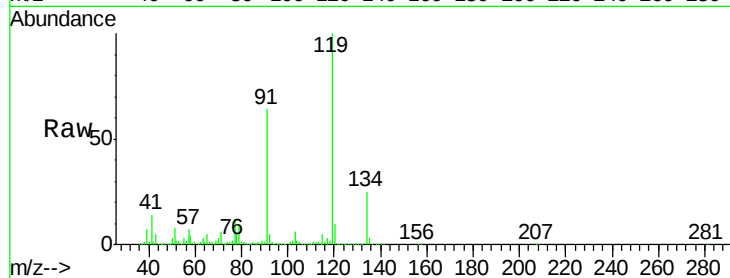
#83
tert-Butylbenzene
Concen: 19.104 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.5	28.5	85.5
134	23.6	11.7	35.1

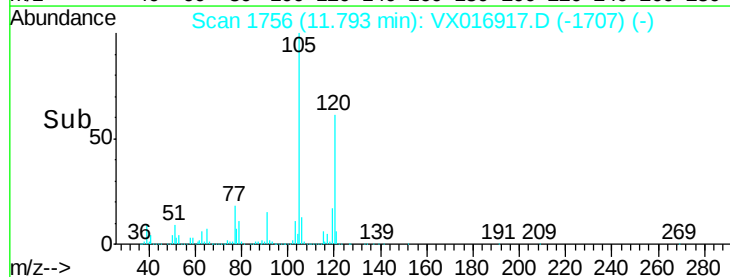
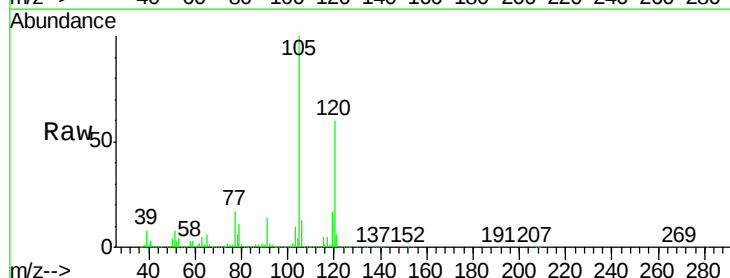
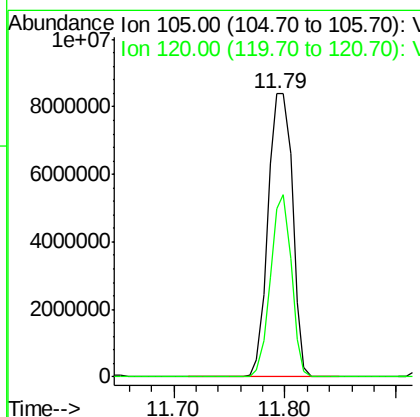
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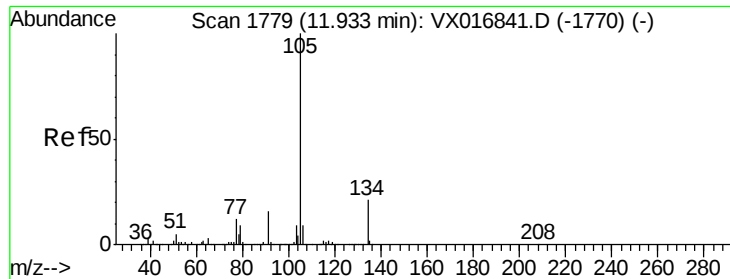
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#84
1,2,4-Trimethylbenzene
Concen: 730.078 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	55.4	22.3	66.9





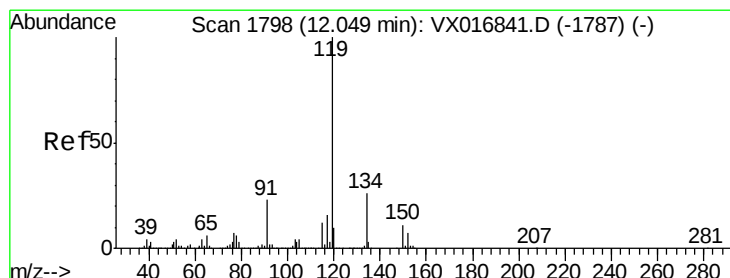
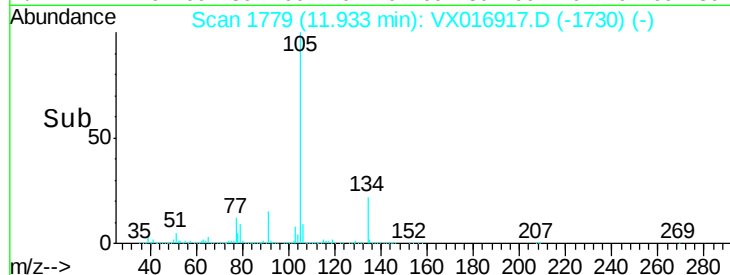
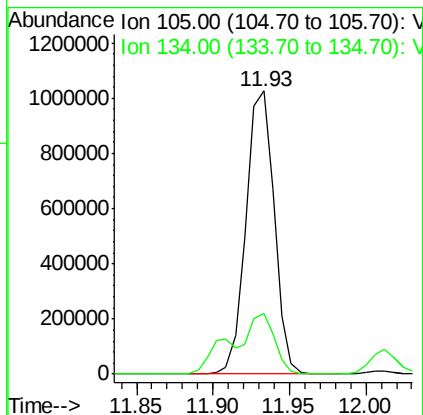
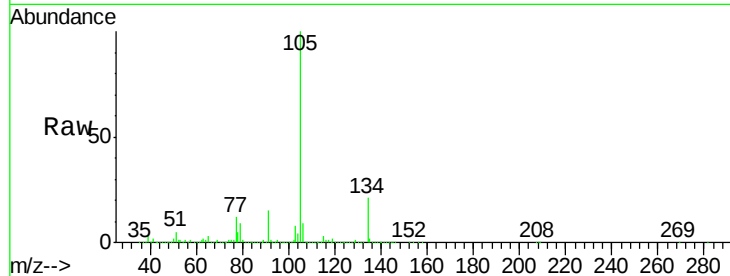
#85
 sec-Butylbenzene
 Concen: 66.565 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016917.D
 Acq: 20 Jun 2020 08:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Tgt Ion:105 Resp: 1311209
 Ion Ratio Lower Upper
 105 100
 134 32.6 10.4 31.2#

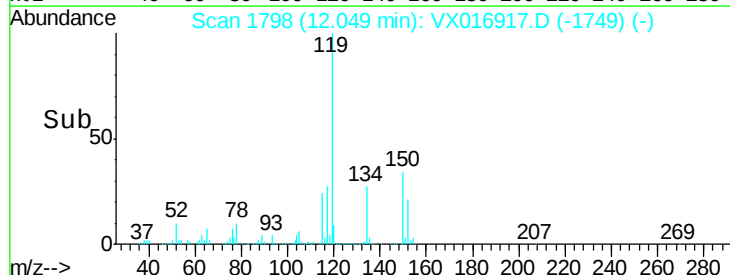
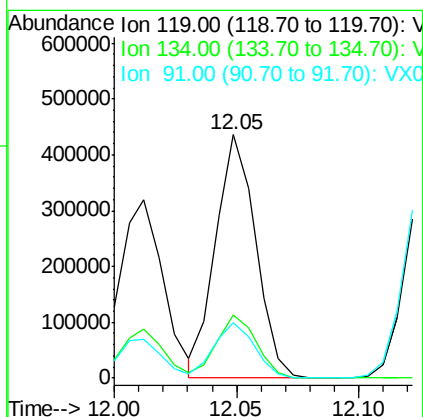
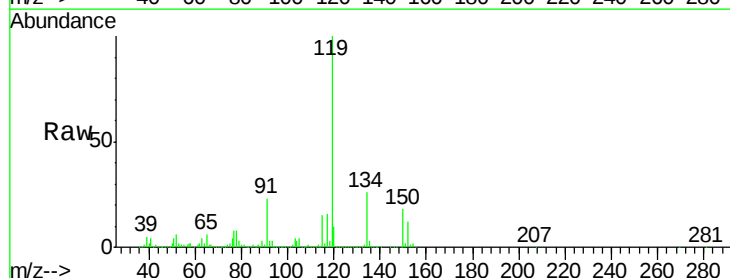
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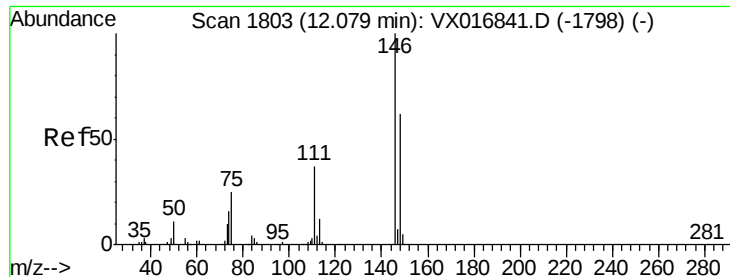
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#86
 p-Isopropyltoluene
 Concen: 27.410 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016917.D
 Acq: 20 Jun 2020 08:32

Tgt Ion:119 Resp: 494698
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 22.8 11.6 34.8





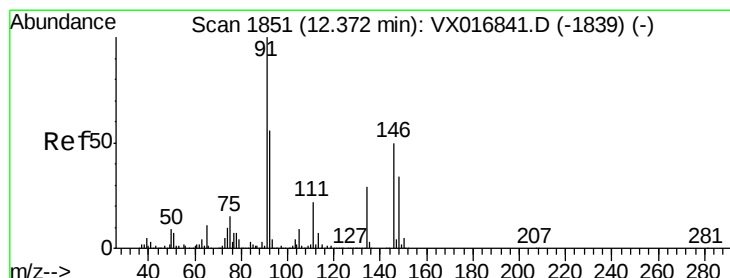
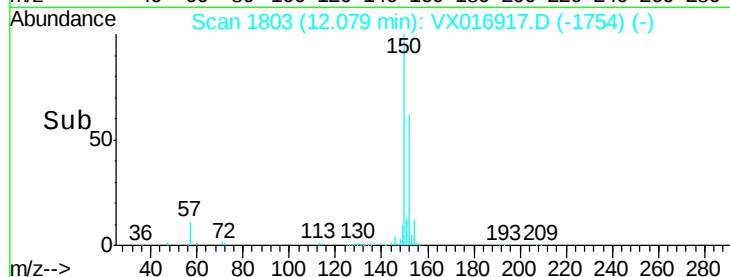
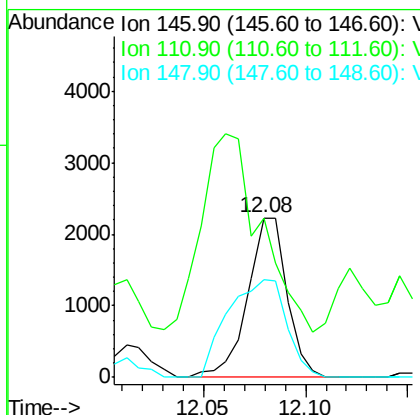
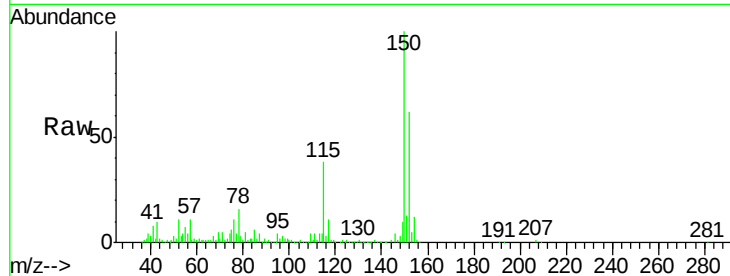
#88
1,4-Dichlorobenzene
Concen: 0.300 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Instrument :
MSVOA_X
ClientSampled :
MW-2

Tgt Ion	Ratio	Lower	Upper
146	100		
111	184.9	19.0	57.0#
148	91.2	31.6	95.0

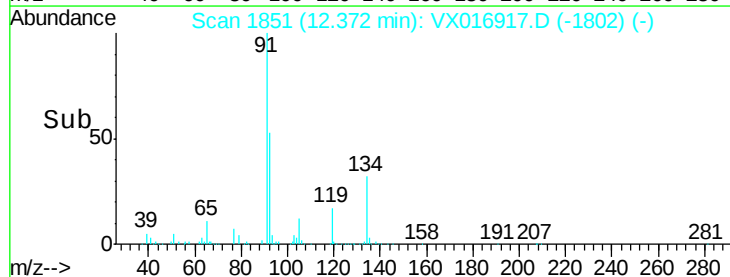
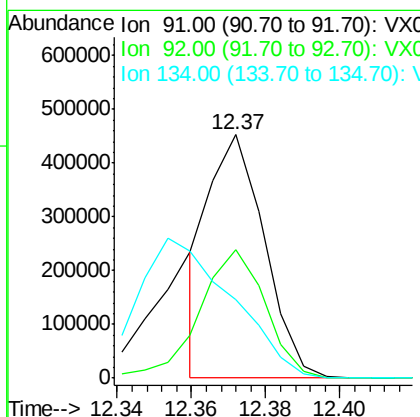
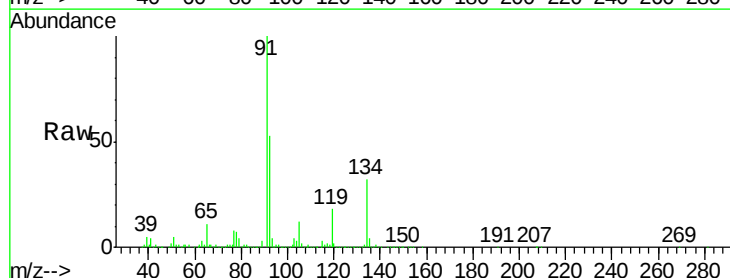
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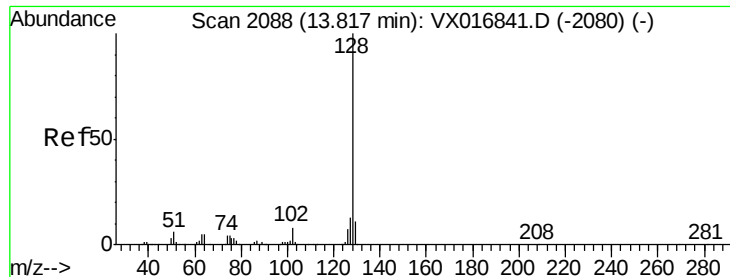
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#89
n-Butylbenzene
Concen: 30.221 ug/l m
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.2	27.4	82.2
134	98.0	13.9	41.6#





#95
Naphthalene
Concen: 46.490 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.4	8.6	13.0

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