

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040920\
 Data File : VX015598.D
 Acq On : 09 Apr 2020 15:46
 Operator : JC/SP
 Sample : L2186-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-7:1-WATER

Manual Integrations
 APPROVED

sam
 4/10/2020 2:12:47 PM

Quant Time: Apr 10 08:45:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.31	168	810322m	50.00	ug/l	0.68
34) 1,4-Difluorobenzene	7.31	114	2637262m	50.00	ug/l	0.47
63) Chlorobenzene-d5	10.20	117	1776333m	50.00	ug/l	0.10
72) 1,4-Dichlorobenzene-d4	12.09	152	953326	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.65	65	467096m	40.87	ug/l	0.62
Spiked Amount 50.000			Recovery	=	81.74%	
35) Dibromofluoromethane	6.19	113	425792m	25.26	ug/l	0.72
Spiked Amount 50.000			Recovery	=	50.52%	
50) Toluene-d8	8.92	98	2635323m	42.46	ug/l	0.22
Spiked Amount 50.000			Recovery	=	84.92%	
62) 4-Bromofluorobenzene	11.17	95	1077889m	42.73	ug/l	0.05
Spiked Amount 50.000			Recovery	=	85.46%	
Target Compounds						
					Qvalue	
43) Isopropyl Acetate	7.21	43	16108690m	301.600	ug/l	
44) Trichloroethene	7.60	130	34833	1.794	ug/l	84
64) Tetrachloroethene	9.48	164	13513m	1.008	ug/l	
68) m/p-Xylenes	10.42	106	180353m	7.709	ug/l	
69) o-Xylene	10.75	106	168054	7.269	ug/l	99
73) Isopropylbenzene	11.06	105	122873	1.967	ug/l	99
78) n-propylbenzene	11.39	91	555357	7.775	ug/l	100
80) 1,3,5-Trimethylbenzene	11.53	105	1550970	29.074	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	5772478	106.186	ug/l	97
85) sec-Butylbenzene	11.96	105	69413m	1.152	ug/l	
86) p-Isopropyltoluene	12.07	119	660422m	11.804	ug/l	
95) Naphthalene	13.82	128	695734	9.878	ug/l	100

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

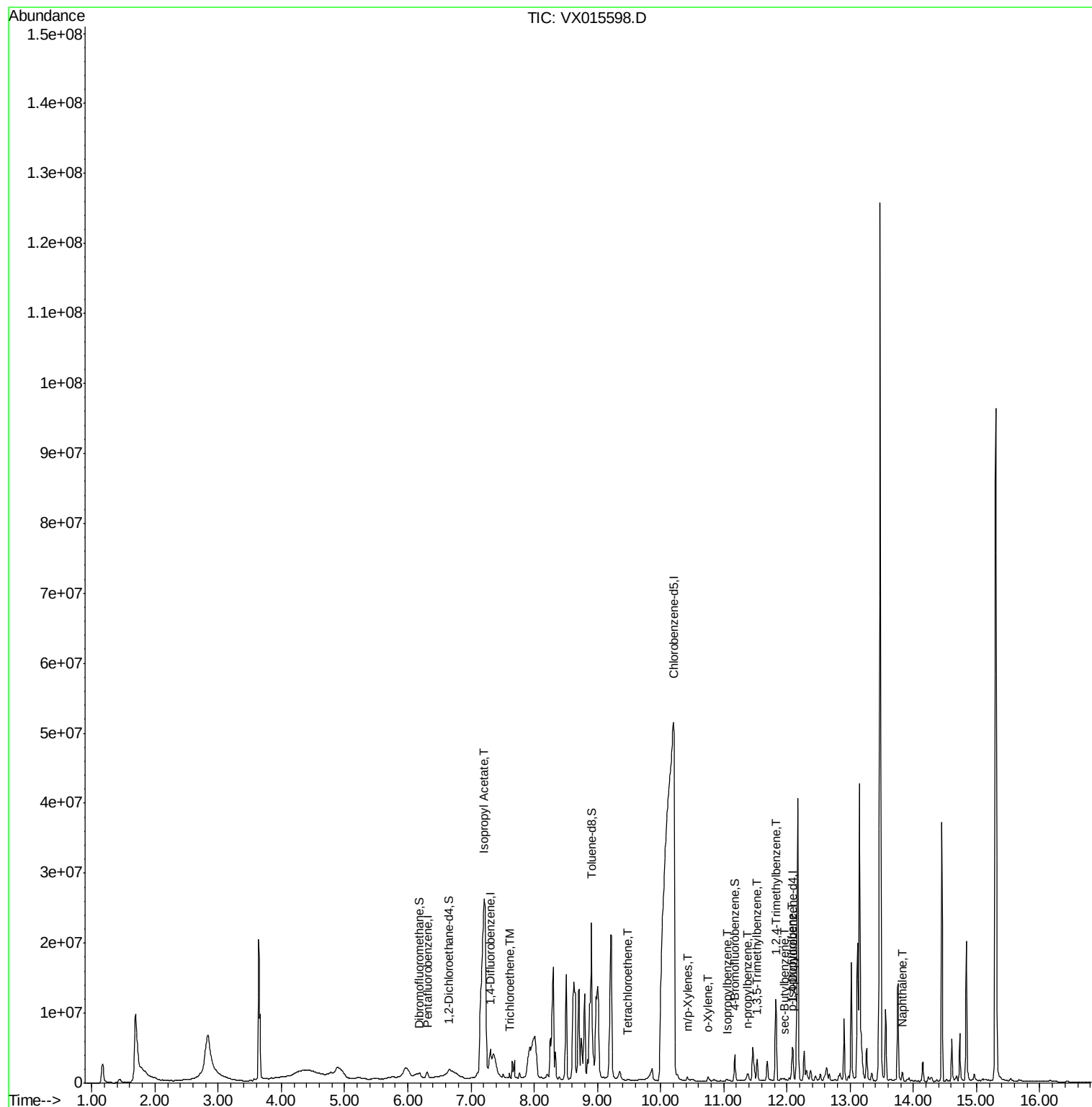
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040920\
Data File : VX015598.D
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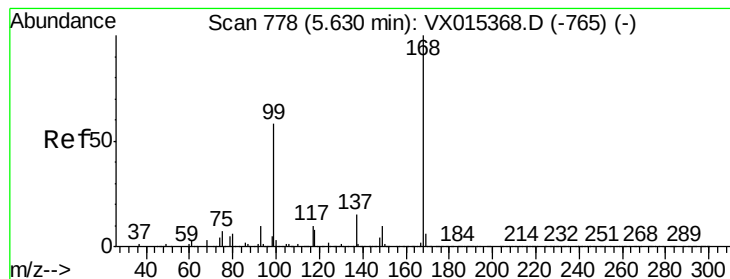
Instrument :
MSVOA_X
ClientSampleId :
COMP-7:1-WATER

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Quant Time: Apr 10 08:45:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l m

RT: 6.31 min Scan# 889

Delta R.T. 0.68 min

Lab File: VX015598.D

Acq: 09 Apr 2020 15:46

Tot Ion: 168 Resp: 810322

Ion Ratio Lower Upper

168 100

99 54.6 46.4 69.6

Instrument :

MSVOA_X

ClientSampleId :

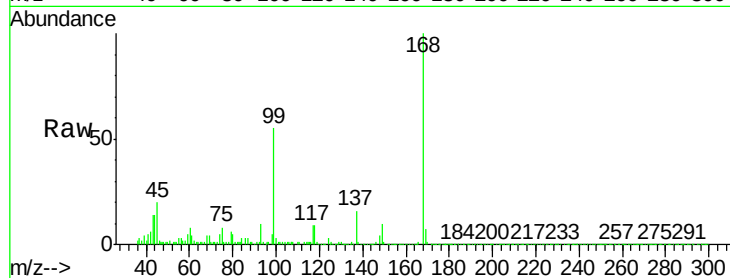
COMP-7:1-WATER

Manual Integrations

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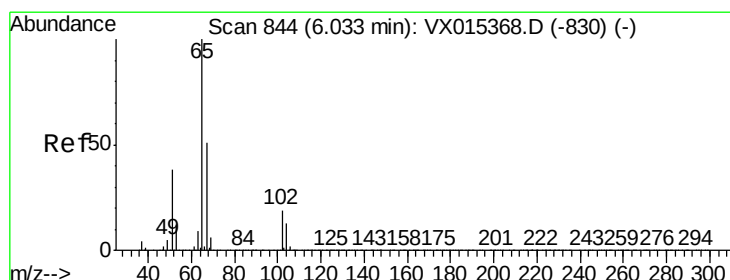
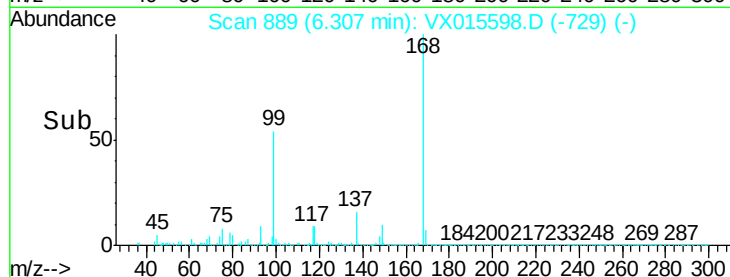
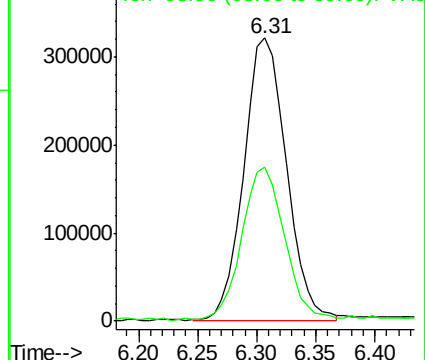
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 40.870 ug/l m

RT: 6.65 min Scan# 946

Delta R.T. 0.62 min

Lab File: VX015598.D

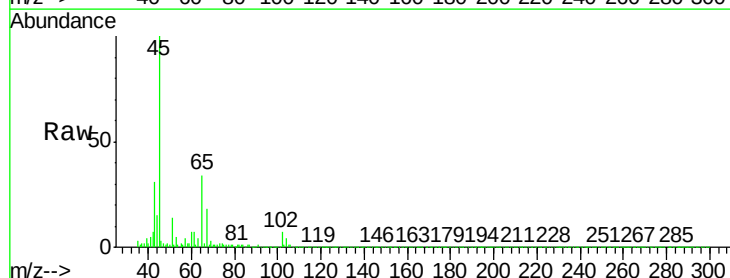
Acq: 09 Apr 2020 15:46

Tgt Ion: 65 Resp: 467096

Ion Ratio Lower Upper

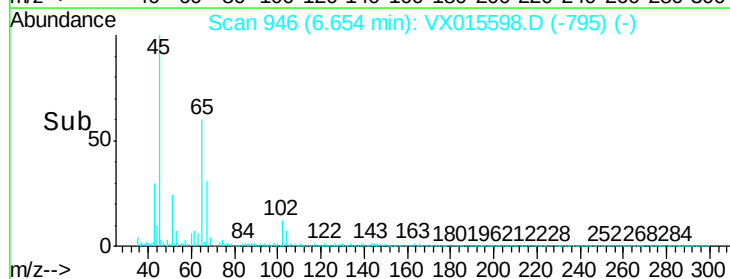
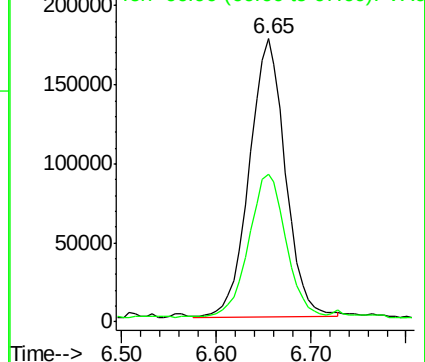
65 100

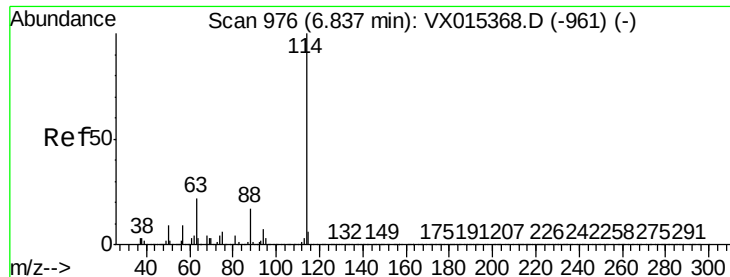
67 0.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l m

RT: 7.31 min Scan# 1053

Delta R.T. 0.47 min

Lab File: VX015598.D

Acq: 09 Apr 2020 15:46

Instrument :

MSVOA_X

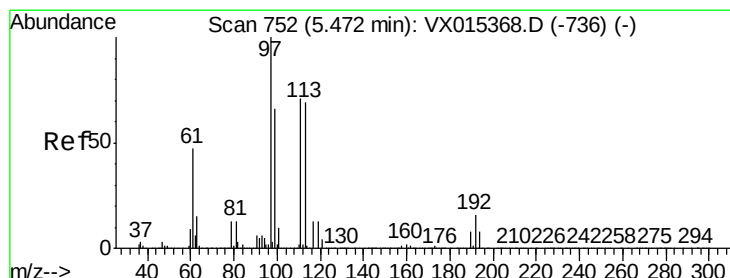
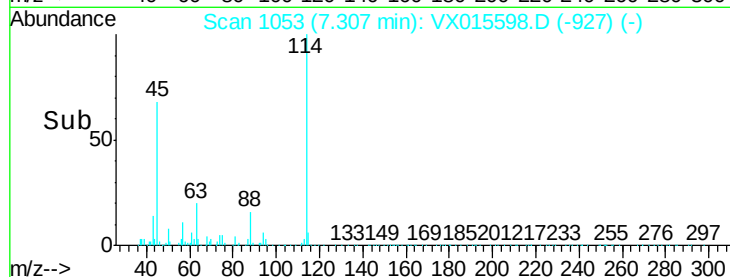
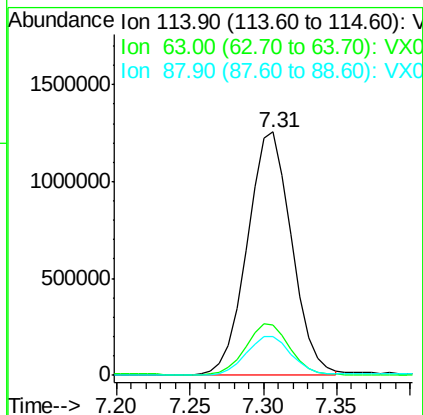
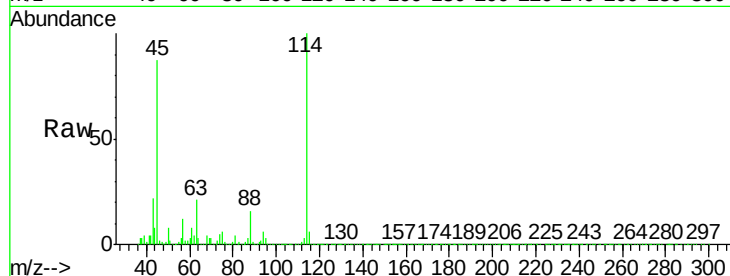
ClientSampleId :

COMP-7:1-WATER

Tot Ion:	114	Resp:	2637262
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.2
88	16.1	0.0	33.8

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#35

Dibromofluoromethane

Concen: 25.257 ug/l m

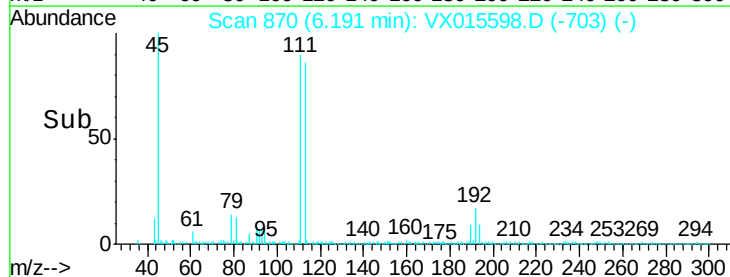
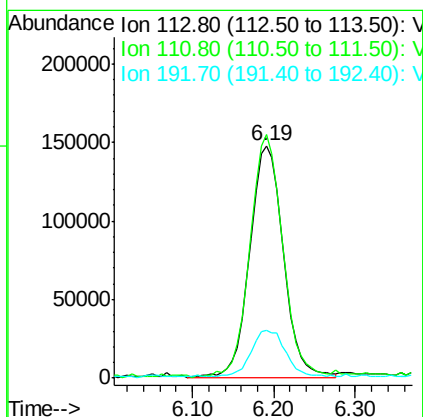
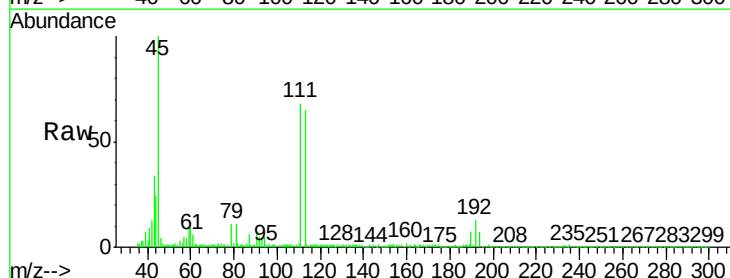
RT: 6.19 min Scan# 870

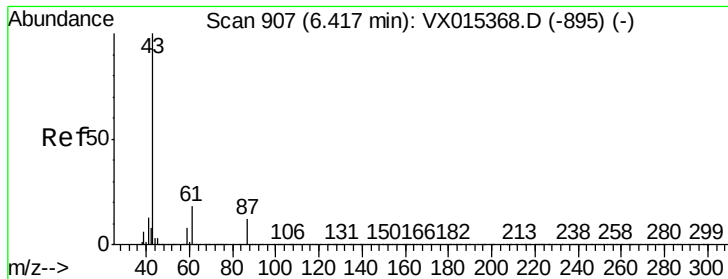
Delta R.T. 0.72 min

Lab File: VX015598.D

Acq: 09 Apr 2020 15:46

Tgt Ion:	113	Resp:	425792
Ion	Ratio	Lower	Upper
113	100		
111	0.4	81.5	122.3#
192	0.1	17.8	26.6#





#43

Isopropyl Acetate

Concen: 301.600 ug/l m

RT: 7.21 min Scan# 1037

Delta R.T. 0.79 min

Lab File: VX015598.D

Acq: 09 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

COMP-7:1-WATER

Tot Ion: 43 Resp:16108690

Ion Ratio Lower Upper

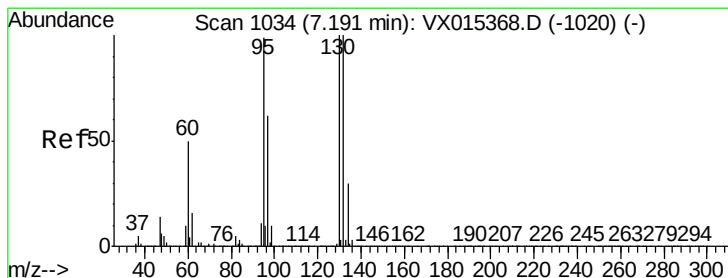
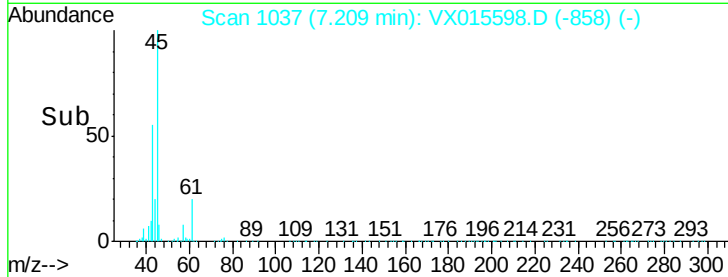
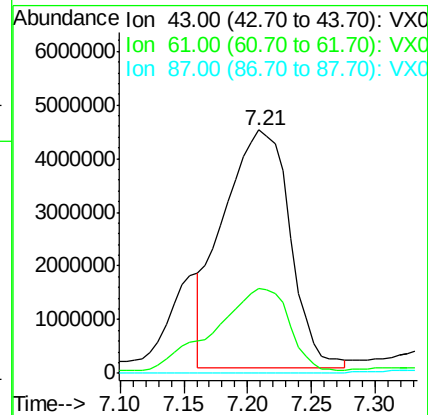
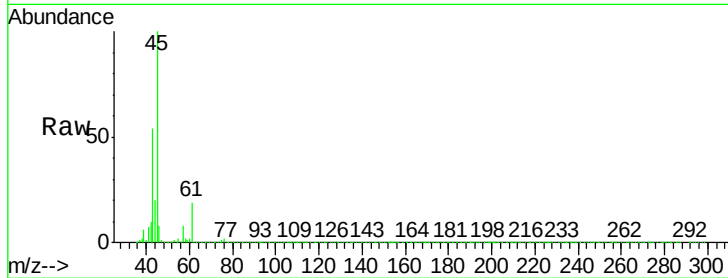
43 100

61 0.0 14.8 22.2#

87 0.0 9.4 14.0#

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#44

Trichloroethene

Concen: 1.794 ug/l

RT: 7.60 min Scan# 1101

Delta R.T. 0.41 min

Lab File: VX015598.D

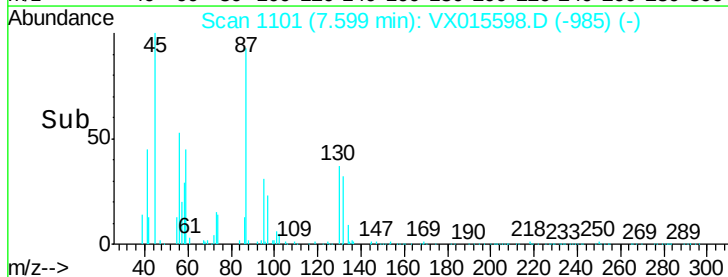
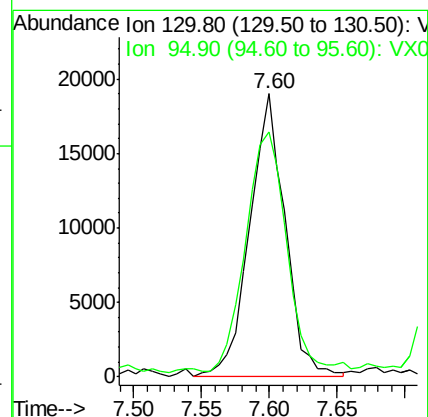
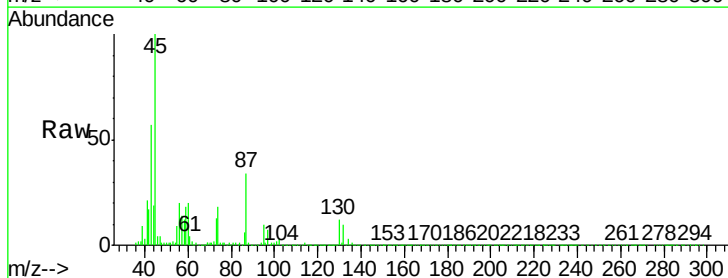
Acq: 09 Apr 2020 15:46

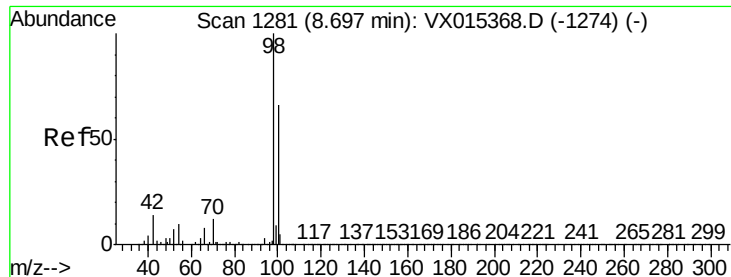
Tgt Ion:130 Resp: 34833

Ion Ratio Lower Upper

130 100

95 83.7 0.0 199.0





#50

Toluene-d8

Concen: 42.459 ug/l m

RT: 8.92 min Scan# 1317

Delta R.T. 0.22 min

Lab File: VX015598.D

Acq: 09 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

COMP-7:1-WATER

Tot Ion: 98 Resp: 2635323

Ion Ratio Lower Upper

98 100

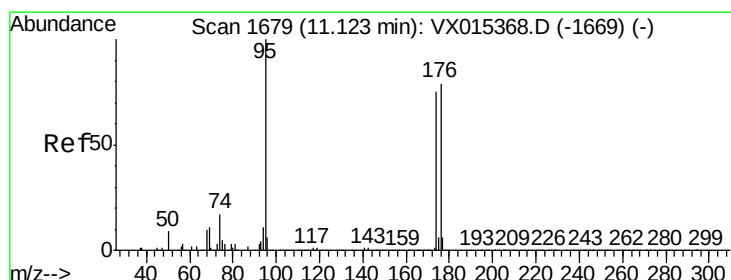
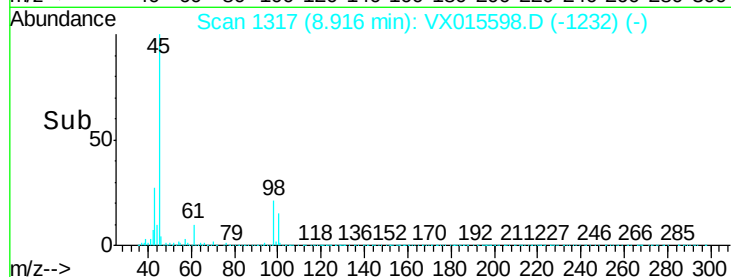
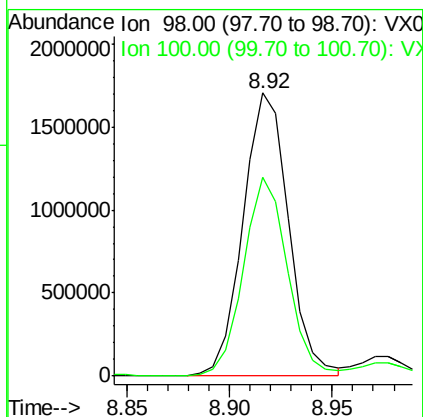
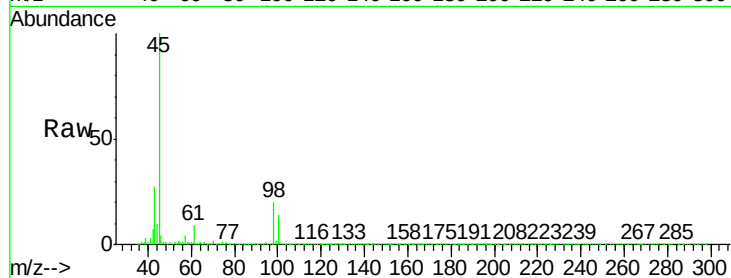
100 0.0 53.5 80.3#

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#62

4-Bromofluorobenzene

Concen: 42.732 ug/l m

RT: 11.17 min Scan# 1687

Delta R.T. 0.05 min

Lab File: VX015598.D

Acq: 09 Apr 2020 15:46

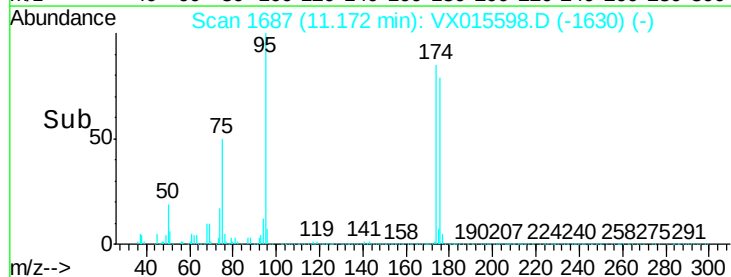
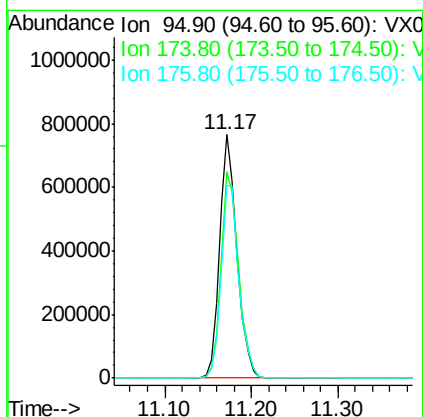
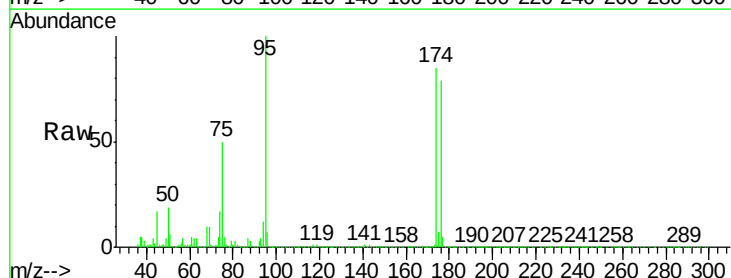
Tgt Ion: 95 Resp: 1077889

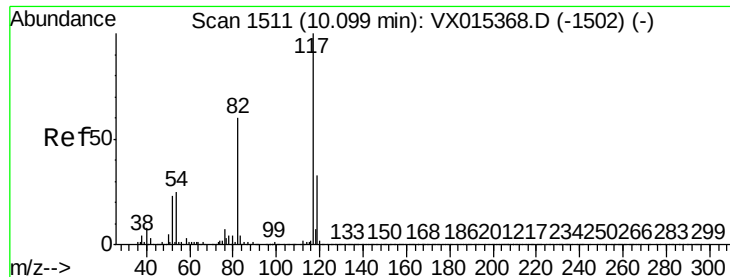
Ion Ratio Lower Upper

95 100

174 0.0 0.0 158.6

176 0.0 0.0 159.0





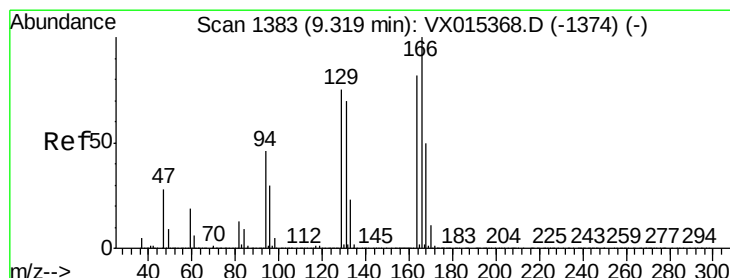
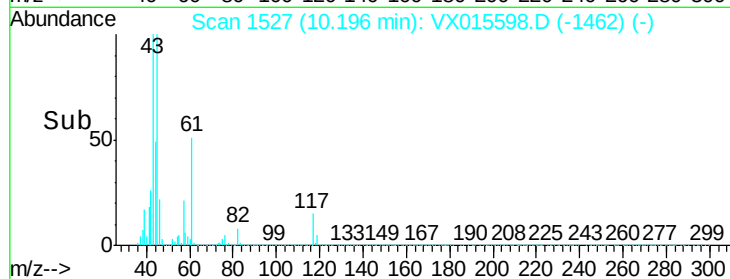
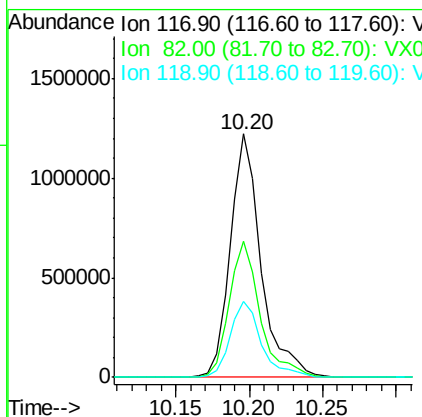
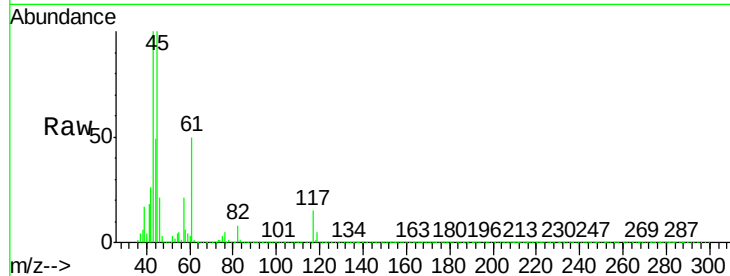
#63
Chlorobenzene-d5
Concen: 50.000 ug/l m
RT: 10.20 min Scan# 1527
Delta R.T. 0.10 min
Lab File: VX015598.D
Acq: 09 Apr 2020 15:46

Instrument :
MSVOA_X
ClientSampleId :
COMP-7:1-WATER

Tot Ion:117 Resp: 1776333
Ion Ratio Lower Upper
117 100
82 56.1 47.8 71.8
119 31.0 26.8 40.2

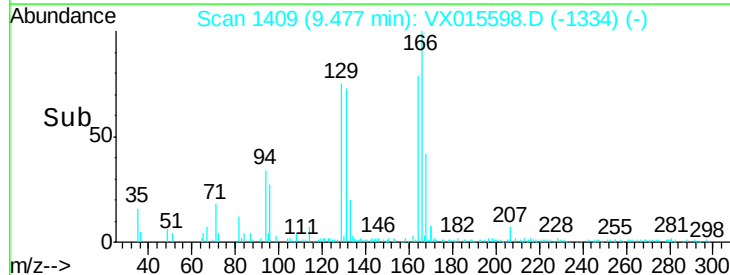
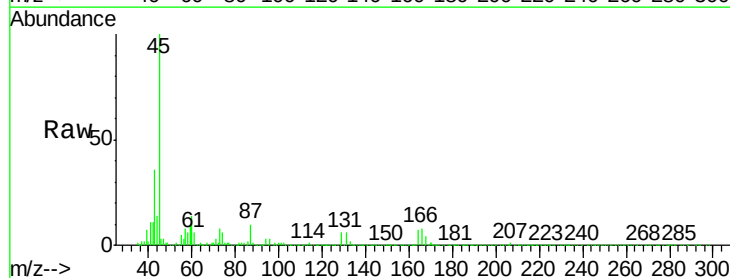
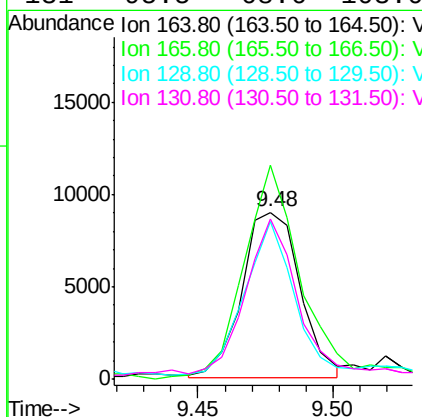
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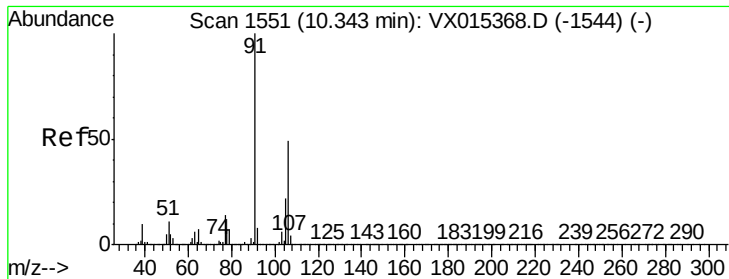
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#64
Tetrachloroethene
Concen: 1.008 ug/l m
RT: 9.48 min Scan# 1409
Delta R.T. 0.16 min
Lab File: VX015598.D
Acq: 09 Apr 2020 15:46

Tgt Ion:164 Resp: 13513
Ion Ratio Lower Upper
164 100
166 127.9 97.8 146.6
129 94.2 73.0 109.4
131 95.5 68.6 103.0





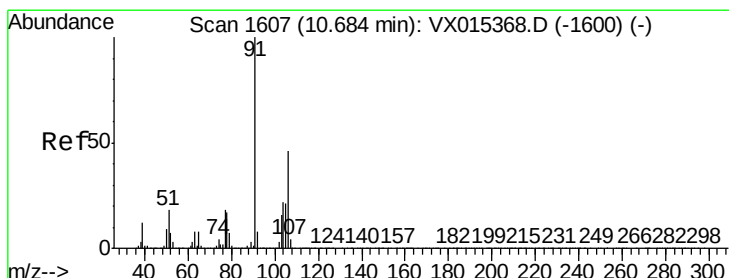
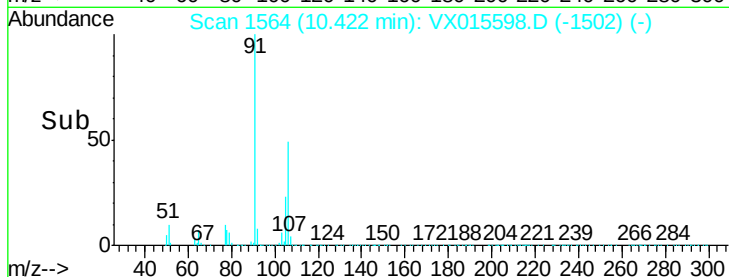
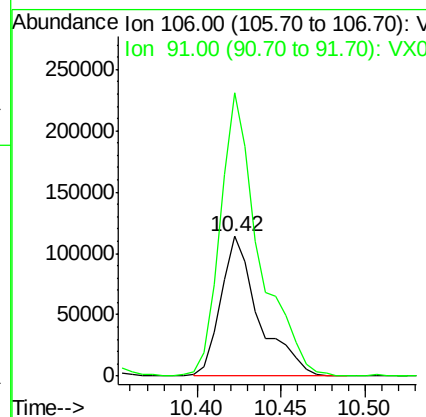
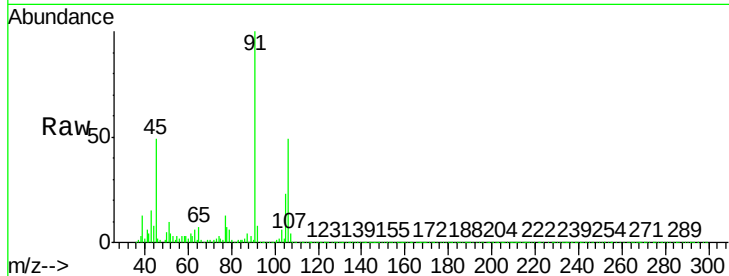
#68
m/p-Xylenes
Concen: 7.709 ug/l m
RT: 10.42 min Scan# 1564
Delta R.T. 0.08 min
Lab File: VX015598.D
Acq: 09 Apr 2020 15:46

Instrument :
MSVOA_X
ClientSampleId :
COMP-7:1-WATER

Tot Ion:106 Resp: 180353
Ion Ratio Lower Upper
106 100
91 27.9 163.4 245.0#

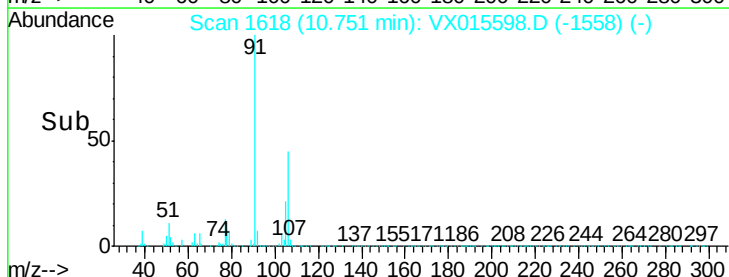
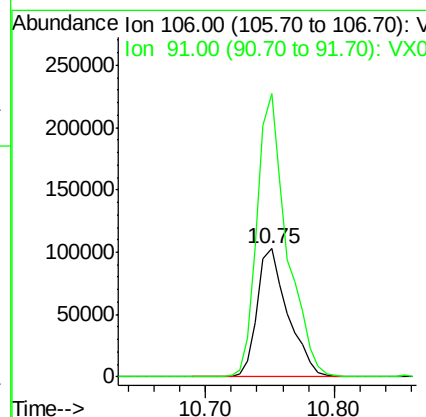
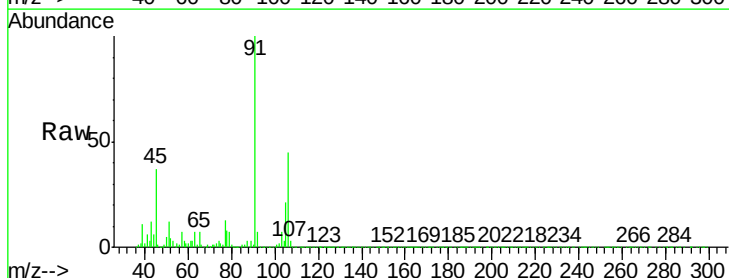
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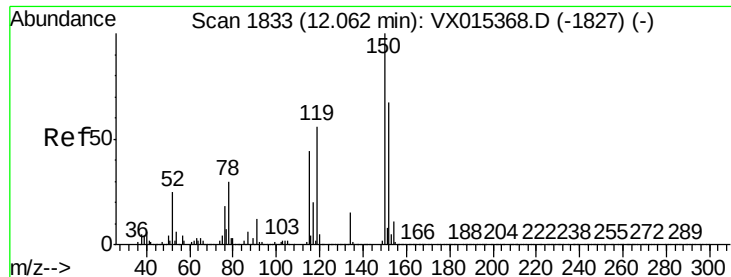
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#69
o-Xylene
Concen: 7.269 ug/l
RT: 10.75 min Scan# 1618
Delta R.T. 0.07 min
Lab File: VX015598.D
Acq: 09 Apr 2020 15:46

Tgt Ion:106 Resp: 168054
Ion Ratio Lower Upper
106 100
91 213.2 107.1 321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.03 min

Lab File: VX015598.D

Acq: 09 Apr 2020 15:46

Instrument :

MSVOA_X

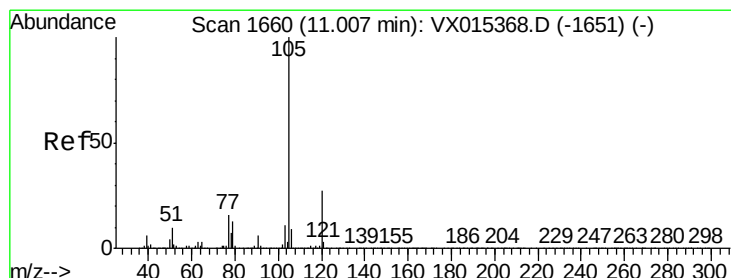
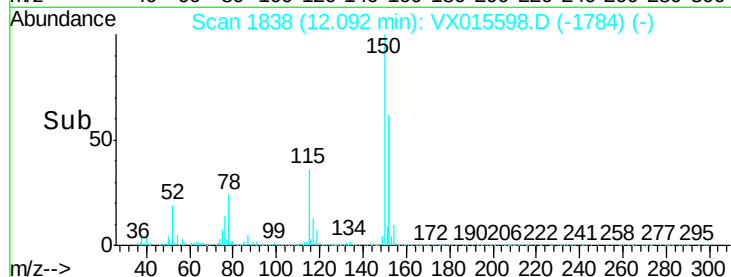
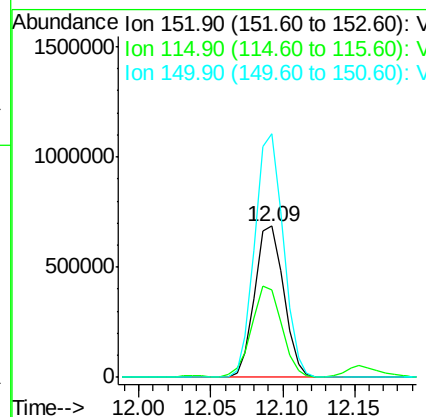
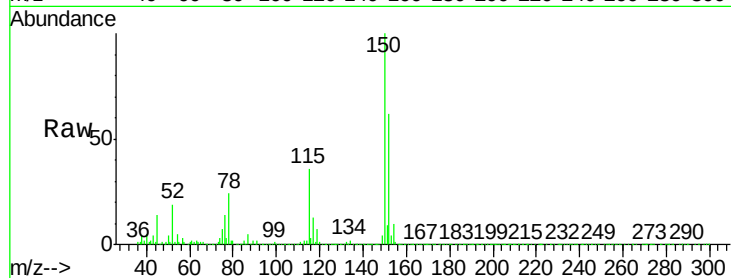
ClientSampleId :

COMP-7:1-WATER

Tot Ion:	152	Resp:	953326
Ion Ratio	Lower	Upper	
152	100		
115	62.4	39.0	116.9
150	158.7	0.0	340.8

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#73

Isopropylbenzene

Concen: 1.967 ug/l

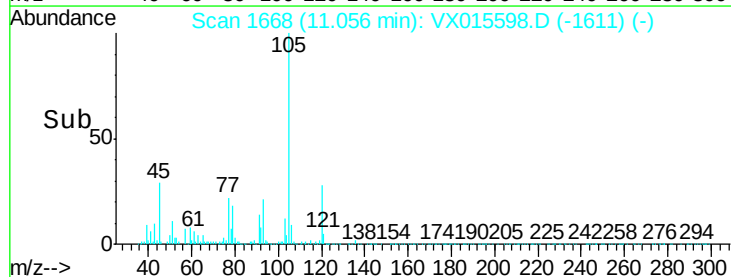
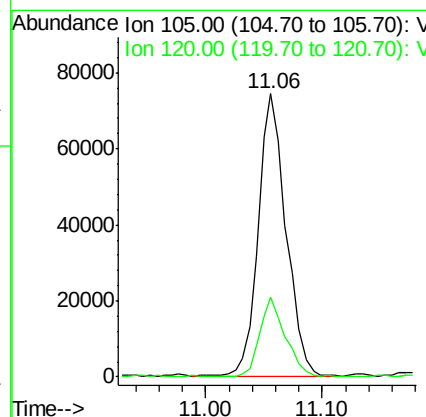
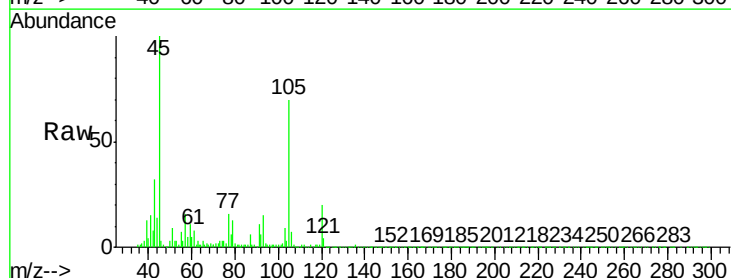
RT: 11.06 min Scan# 1668

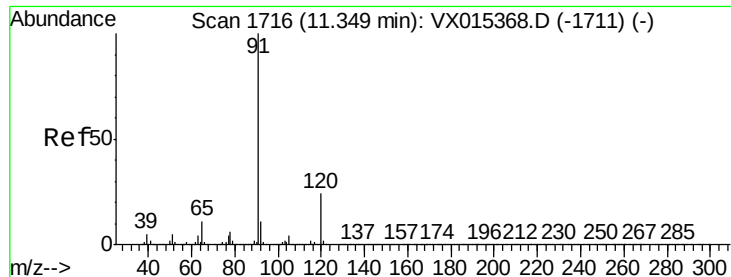
Delta R.T. 0.05 min

Lab File: VX015598.D

Acq: 09 Apr 2020 15:46

Tgt Ion:	105	Resp:	122873
Ion Ratio	Lower	Upper	
105	100		
120	25.7	13.2	39.5





#78

n-propylbenzene

Concen: 7.775 ug/l

RT: 11.39 min Scan# 1722

Delta R.T. 0.04 min

Lab File: VX015598.D

Acq: 09 Apr 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

COMP-7:1-WATER

Tot Ion: 91 Resp: 555357

Ion Ratio Lower Upper

91 100

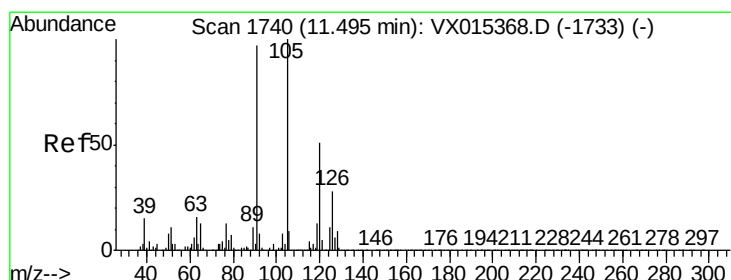
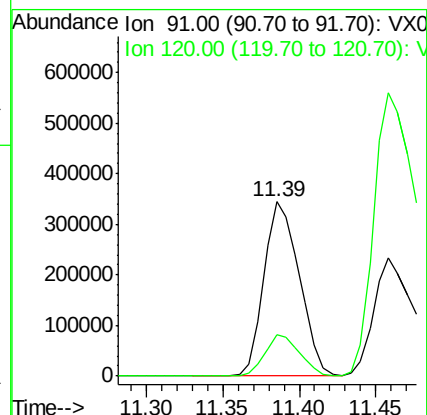
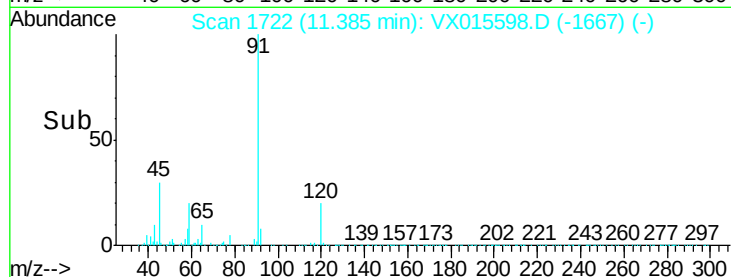
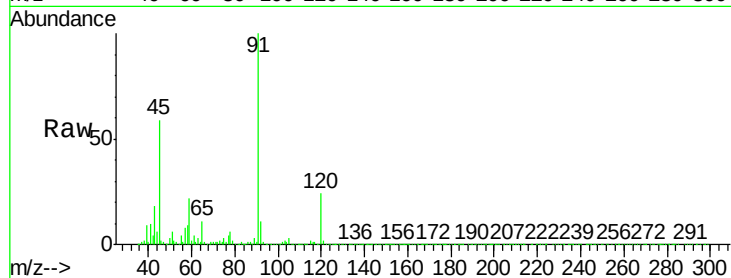
120 23.3 11.7 35.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 29.074 ug/l

RT: 11.53 min Scan# 1745

Delta R.T. 0.03 min

Lab File: VX015598.D

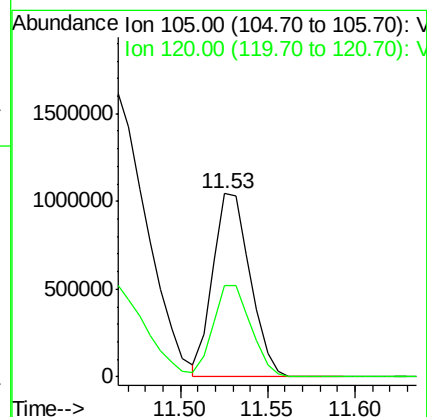
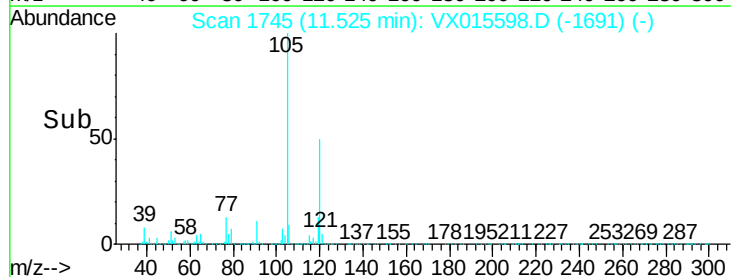
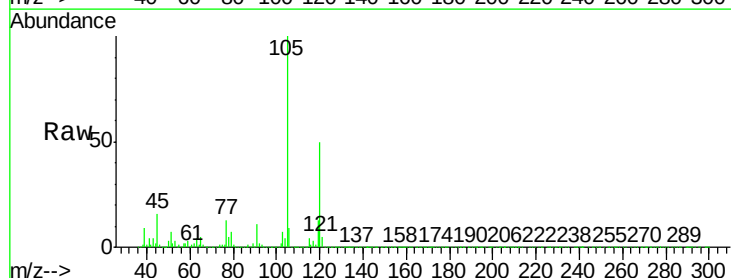
Acq: 09 Apr 2020 15:46

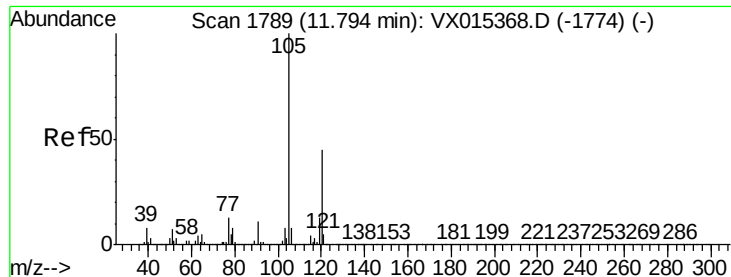
Tgt Ion: 105 Resp: 1550970

Ion Ratio Lower Upper

105 100

120 50.3 24.8 74.4





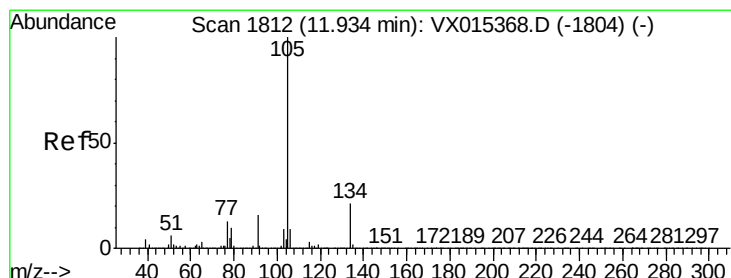
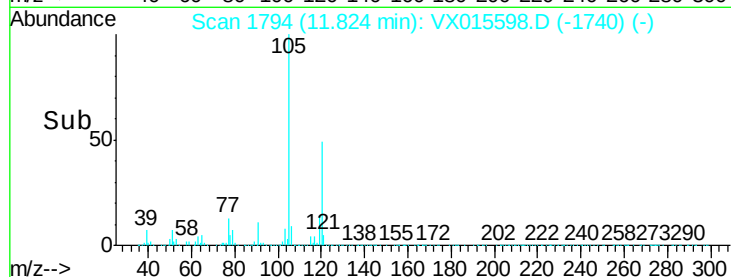
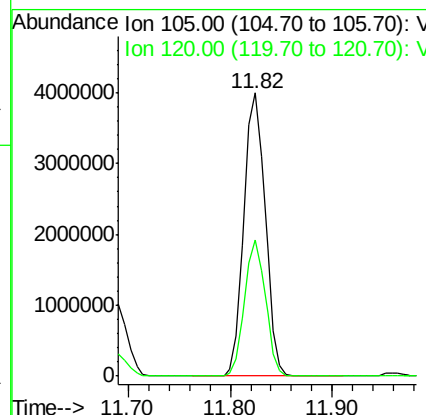
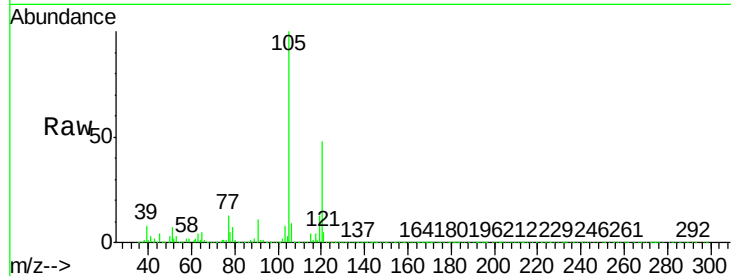
#84
 1,2,4-Trimethylbenzene
 Concen: 106.186 ug/l
 RT: 11.82 min Scan# 1794
 Delta R.T. 0.03 min
 Lab File: VX015598.D
 Acq: 09 Apr 2020 15:46

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-7:1-WATER

Tot Ion:105 Resp: 5772478
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.7 68.1

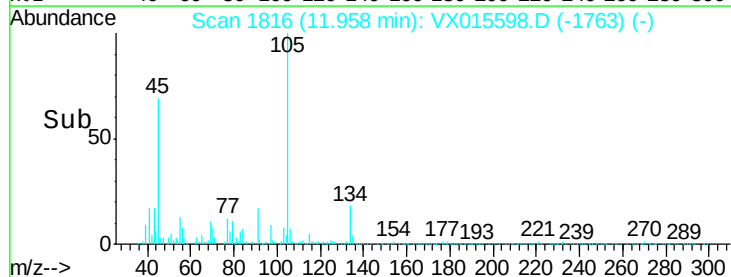
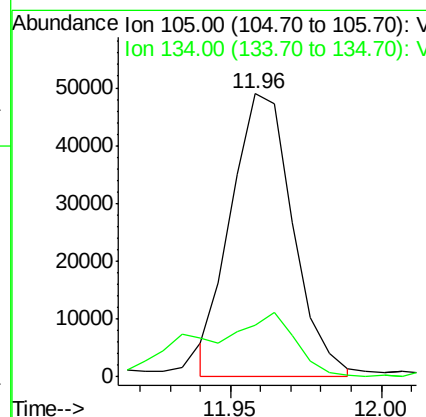
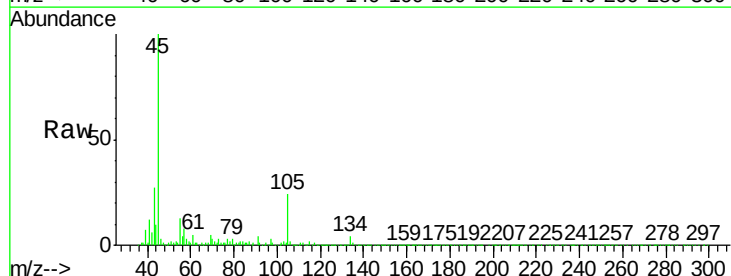
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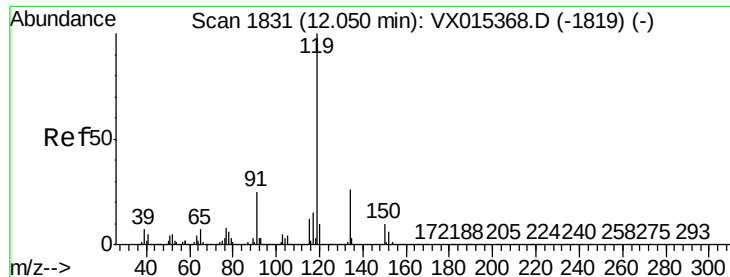
sam
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#85
 sec-Butylbenzene
 Concen: 1.152 ug/l m
 RT: 11.96 min Scan# 1816
 Delta R.T. 0.02 min
 Lab File: VX015598.D
 Acq: 09 Apr 2020 15:46

Tgt Ion:105 Resp: 69413
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#





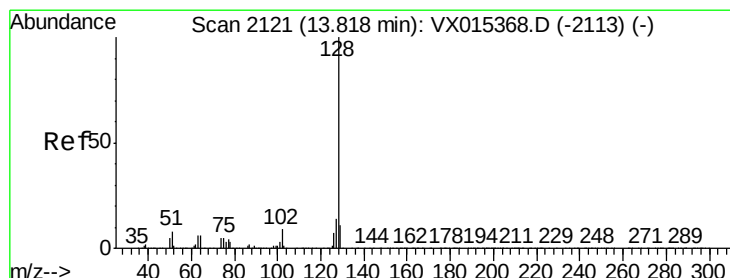
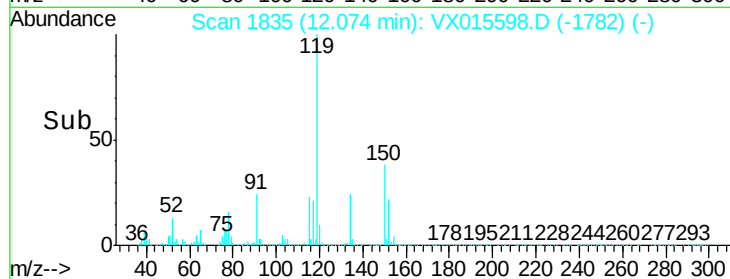
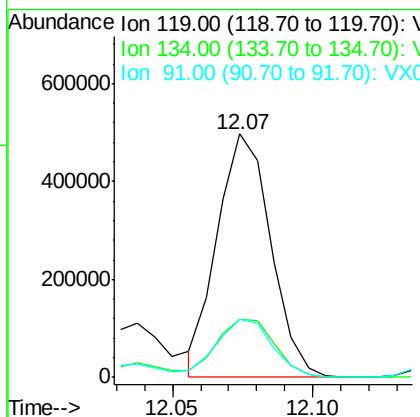
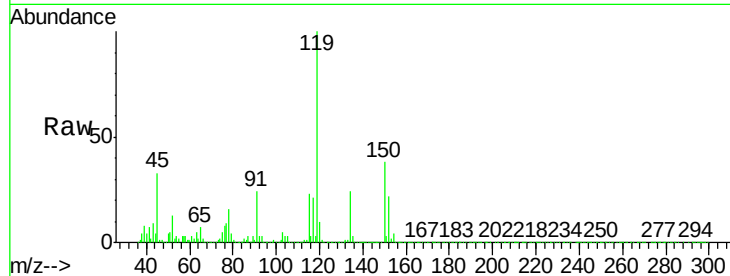
#86
p-Isopropyltoluene
Concen: 11.804 ug/l m
RT: 12.07 min Scan# 1835
Delta R.T. 0.02 min
Lab File: VX015598.D
Acq: 09 Apr 2020 15:46

Instrument :
MSVOA_X
ClientSampleId :
COMP-7:1-WATER

Tot Ion	Ratio	Resp	Lower	Upper
119	100	660422		
134	0.0	13.1	39.3#	
91	0.0	12.4	37.4#	

Manual Integrations
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#95
Naphthalene
Concen: 9.878 ug/l
RT: 13.82 min Scan# 2122
Delta R.T. 0.01 min
Lab File: VX015598.D
Acq: 09 Apr 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	695734		
127	13.2	10.6	15.8	
129	11.2	8.8	13.2	

