

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018681.D
 Acq On : 30 Sep 2020 01:32
 Operator : JC/SP
 Sample : L4135-13DL 40X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG4A8DL

Manual Integrations
 APPROVED

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 10/1/2020 10:07:11 AM

Quant Time: Sep 30 08:43:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 07:04:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	239858	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	234230	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	105713	5.00	ug/L	0.00

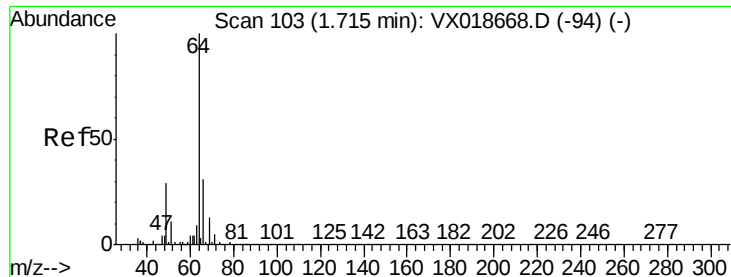
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52015	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.70	69	47883	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.34	63	98468	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.56	46	166868	52.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.28%
24) Chloroform-d	5.13	84	138074	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	6.03	65	78452	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	6.05	84	248304	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	7.37	67	74939	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	8.70	98	219999	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
45) trans-1,3-Dichloropropene-	8.99	79	31570	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
48) 2-Hexanone-d5	9.43	63	127056	48.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.84%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	58653	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	85287	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

					Ovalue
8) Chloroethane	1.71	64	8068	1.130 ug/L	99
16) Methylene chloride	2.84	84	4478	0.280 ug/L	91
33) Benzene	6.12	78	157446	3.486 ug/L	100
53) Chlorobenzene	10.12	112	859767	26.681 ug/L	98
55) m,p-xylene	10.35	106	2774m	0.137 ug/L	
56) o-xylene	10.68	106	8636	0.450 ug/L	88
58) Isopropylbenzene	11.01	105	56293	1.094 ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	8275	0.356 ug/L	92
66) 1,2-Dichlorobenzene	12.37	146	4345	0.203 ug/L	95

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



#8

Chloroethane

Concen: 1.130 ug/L

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX018681.D

Acq: 30 Sep 2020 01:32

Instrument :

MSVOA_X

ClientSampleId :

BG4A8DL

Tot Ion: 64 Resp: 8068

Ion Ratio Lower Upper

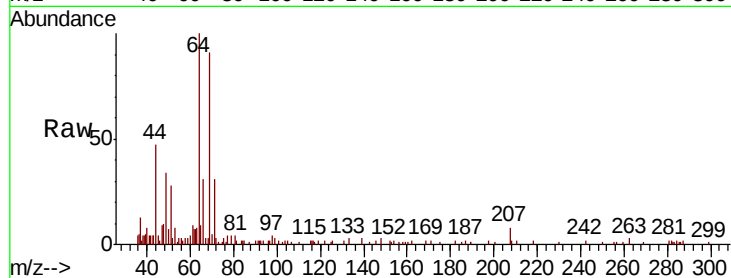
64 100

66 31.3 22.3 41.3

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Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0

1.71

6000

5000

4000

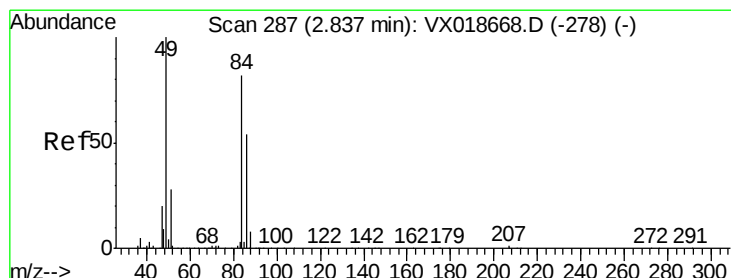
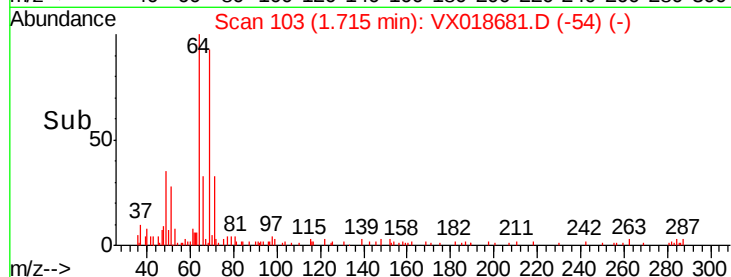
3000

2000

1000

0

Time-->



#16

Methylene chloride

Concen: 0.280 ug/L

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX018681.D

Acq: 30 Sep 2020 01:32

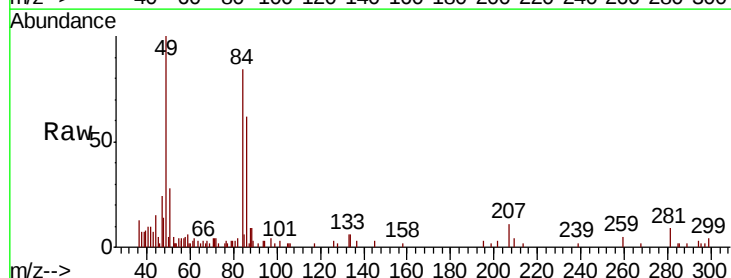
Tgt Ion: 84 Resp: 4478

Ion Ratio Lower Upper

84 100

86 73.7 41.9 77.7

49 119.7 80.8 150.2



Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0

4000

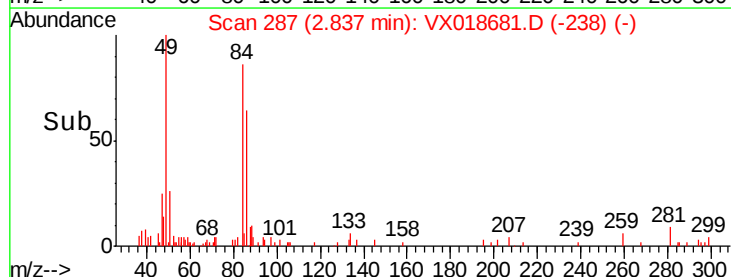
3000

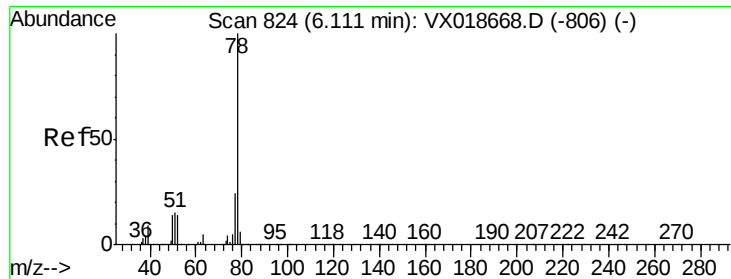
2000

1000

0

Time-->





#33

Benzene

Concen: 3.486 ug/L

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018681.D

Acq: 30 Sep 2020 01:32

Instrument :

MSVOA_X

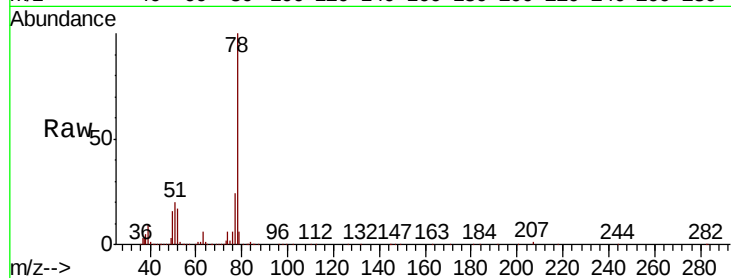
ClientSampleId :

BG4A8DL

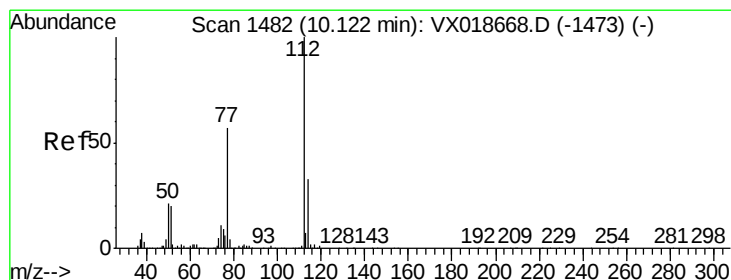
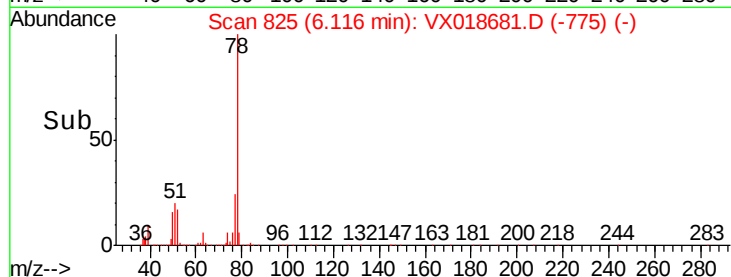
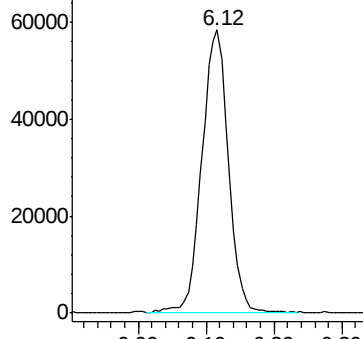
Tgt Ion: 78 Resp: 157446

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Abundance Ion 78.10 (77.80 to 78.80): VX0



#53

Chlorobenzene

Concen: 26.681 ug/L

RT: 10.12 min Scan# 1482

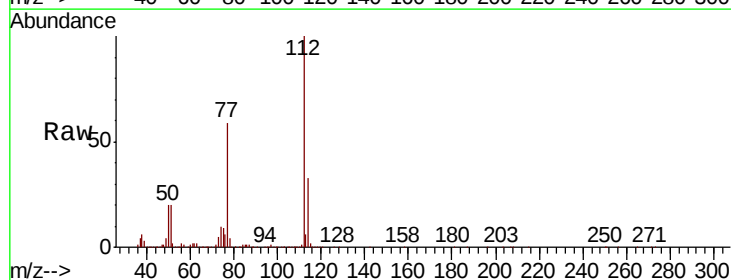
Delta R.T. -0.00 min

Lab File: VX018681.D

Acq: 30 Sep 2020 01:32

Tgt Ion: 112 Resp: 859767

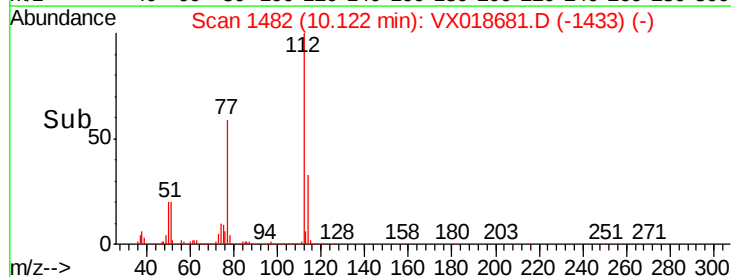
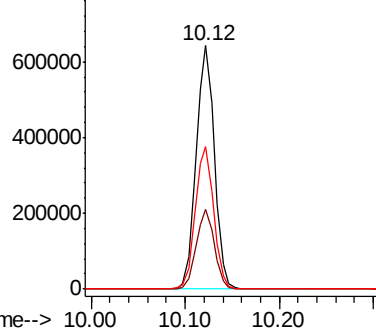
Ion	Ratio	Lower	Upper
112	100		
114	32.8	20.6	38.4
77	58.5	46.6	69.8

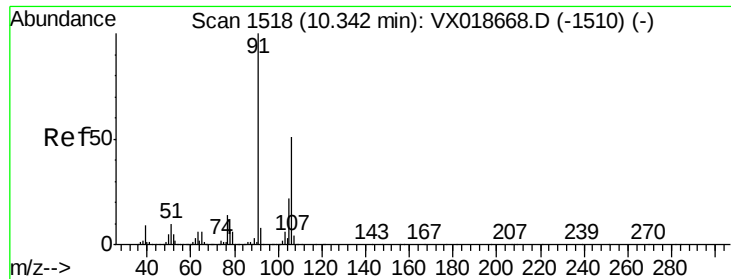


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0





#55

m,p-xylene

Concen: 0.137 ug/L m

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX018681.D

Acq: 30 Sep 2020 01:32

Instrument :

MSVOA_X

ClientSampleId :

BG4A8DL

Tot Ion:106 Resp: 2774

Ion Ratio Lower Upper

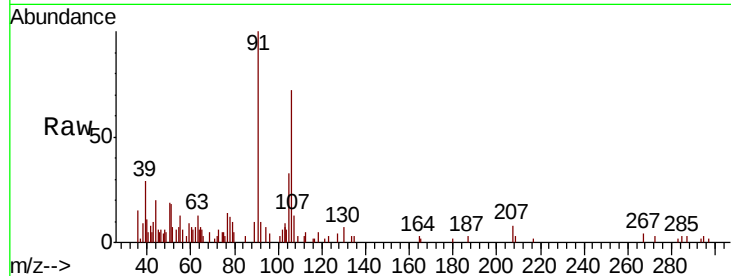
106 100

91 139.7 140.3 260.6#

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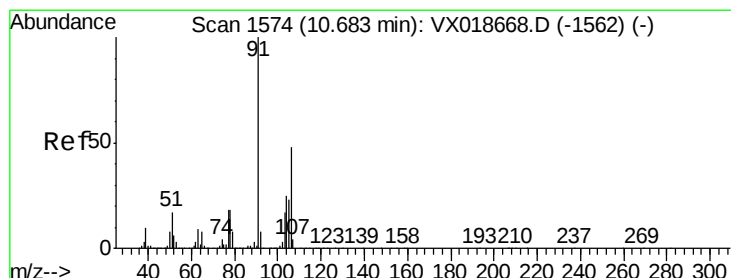
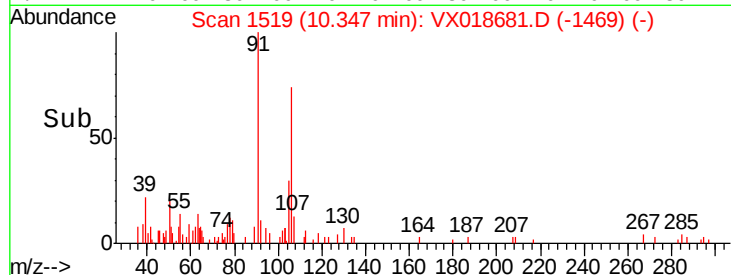
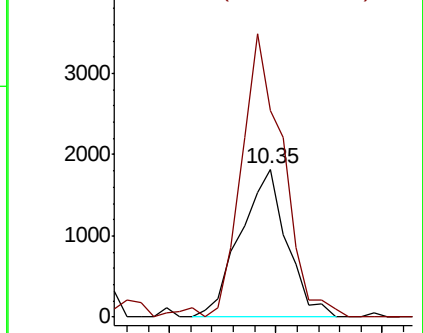
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#56

o-xylene

Concen: 0.450 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018681.D

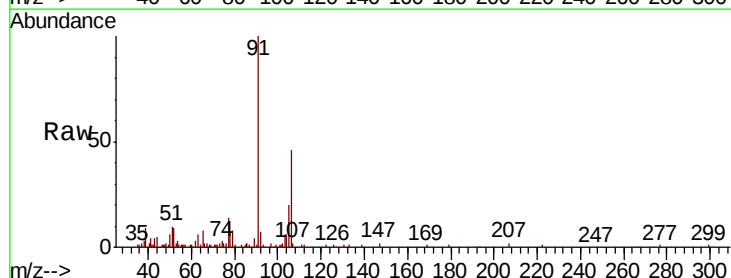
Acq: 30 Sep 2020 01:32

Tgt Ion:106 Resp: 8636

Ion Ratio Lower Upper

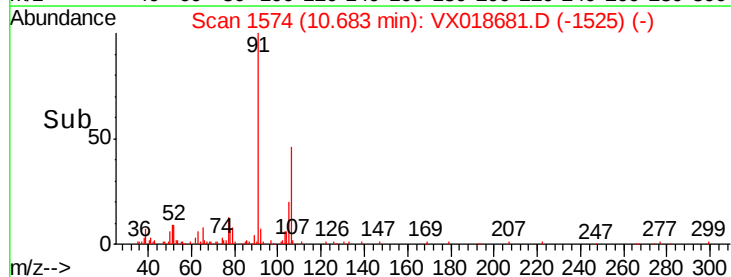
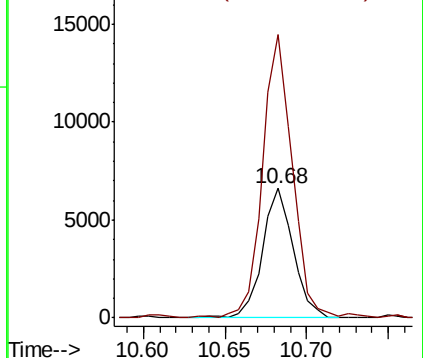
106 100

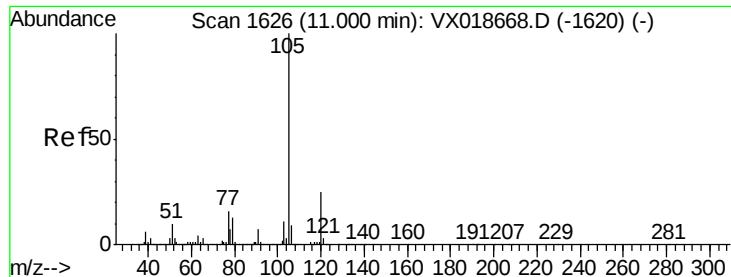
91 218.8 167.5 311.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#58

Isopropylbenzene

Concen: 1.094 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018681.D

Acq: 30 Sep 2020 01:32

Instrument :

MSVOA_X

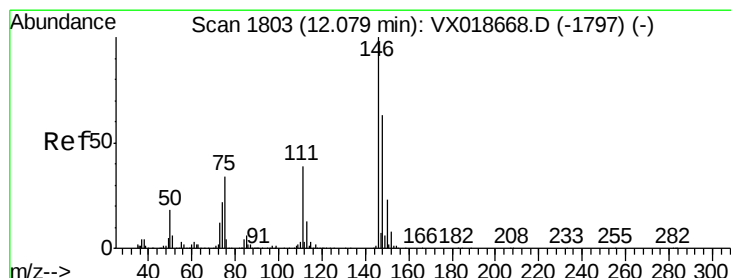
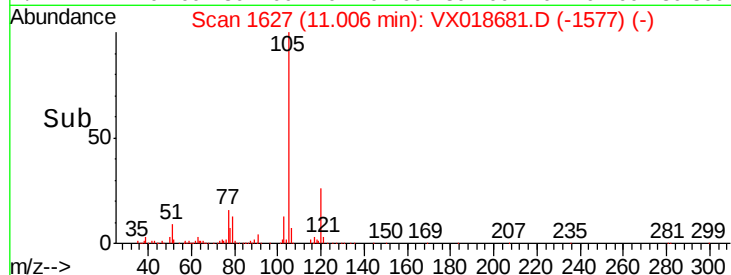
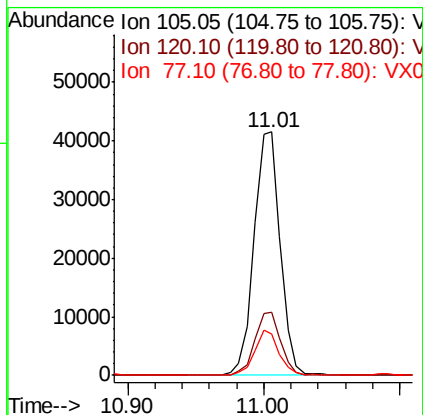
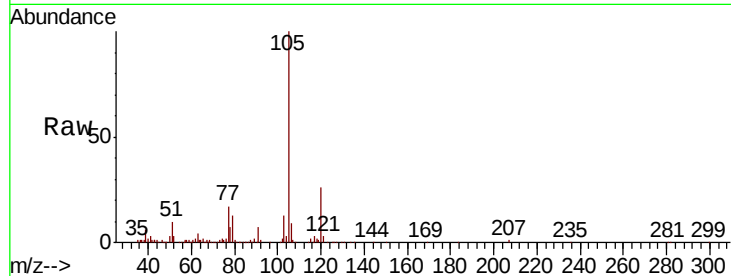
ClientSampled :

BG4A8DL

Tot Ion:	105	Resp:	56293
Ion Ratio	Lower	Upper	
105	100		
120	26.0	21.2	31.8
77	17.3	13.3	19.9

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#64

1,4-Dichlorobenzene

Concen: 0.356 ug/L

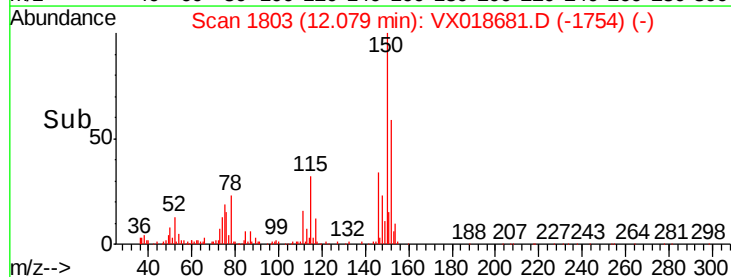
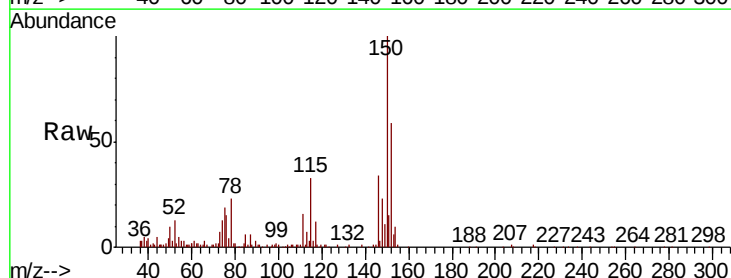
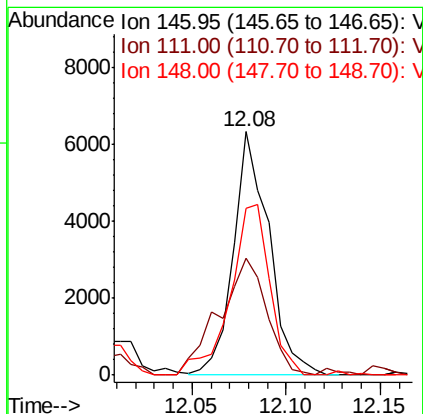
RT: 12.08 min Scan# 1803

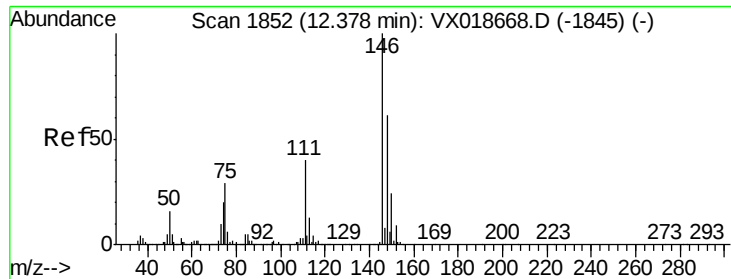
Delta R.T. -0.00 min

Lab File: VX018681.D

Acq: 30 Sep 2020 01:32

Tgt Ion:	146	Resp:	8275
Ion Ratio	Lower	Upper	
146	100		
111	48.0	28.8	53.4
148	68.4	44.9	83.3





#66
 1,2-Dichlorobenzene
 Concen: 0.203 ug/L
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018681.D
 Acq: 30 Sep 2020 01:32

Instrument :
 MSVOA_X
 ClientSampleId :
 BG4A8DL

Tot Ion:	146	Resp:	4345
Ion Ratio	Lower	Upper	
146	100		
111	46.7	33.6	50.4
148	63.9	53.4	80.2

Manual Integrations
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