

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
 Data File : VX018665.D
 Acq On : 29 Sep 2020 18:16
 Operator : JC/SP
 Sample : L4143-10
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0H4

Quant Time: Sep 30 06:59:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 04:47:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	240395	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	221021	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	98709	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53403	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.70	69	48087	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.34	63	117640	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	4.56	46	157444	49.08	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	5.14	84	136122	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	6.03	65	79692	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	6.05	84	246375	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	7.37	67	75876	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	8.70	98	220327	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
45) trans-1,3-Dichloropropene-	8.99	79	29505	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
48) 2-Hexanone-d5	9.43	63	121744	49.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.34%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	58453	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	83226	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

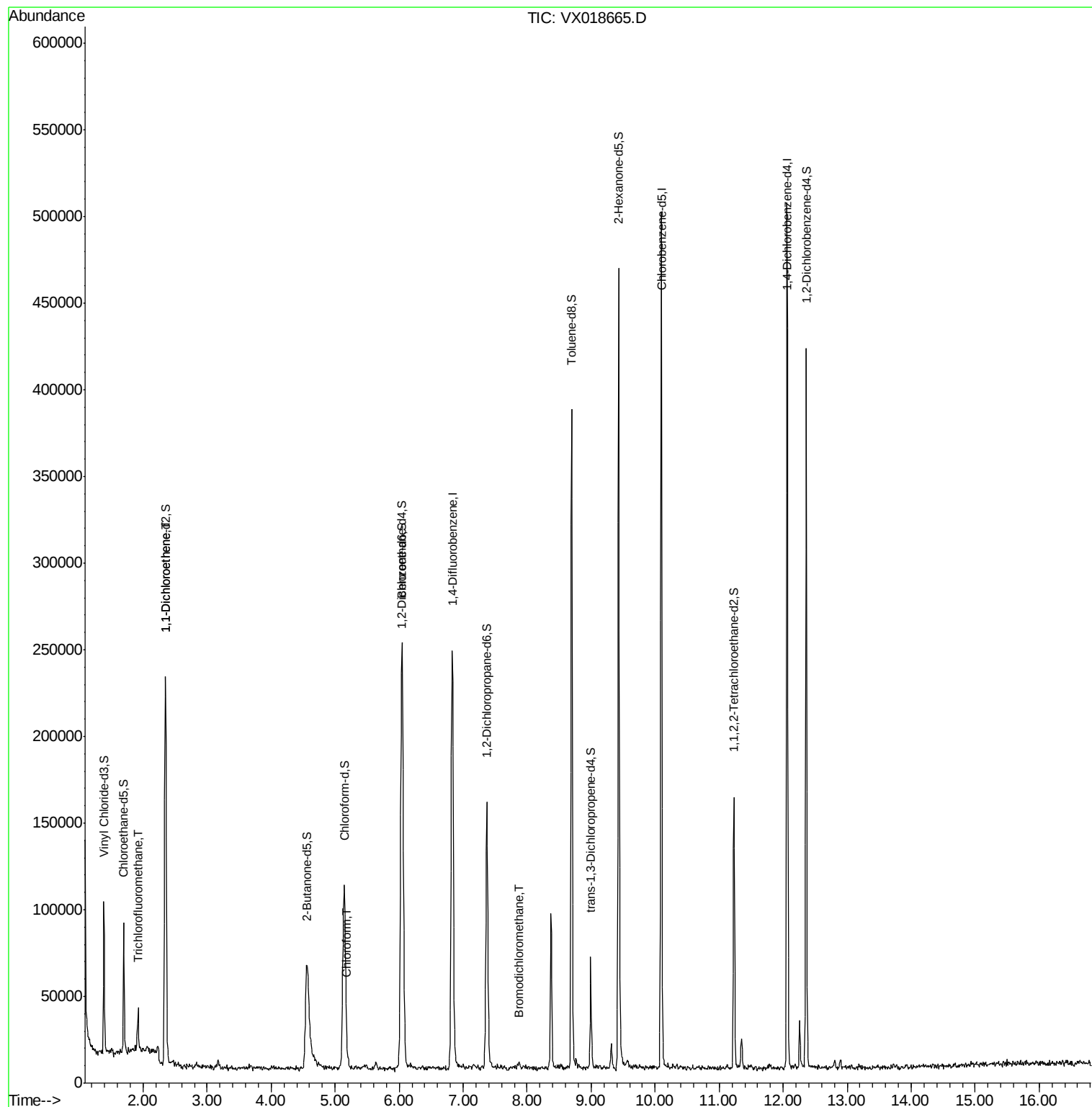
					Ovalue
9) Trichlorofluoromethane	1.92	101	15998	0.710 ug/L	93
12) 1,1-Dichloroethene	2.36	96	31459	2.681 ug/L #	71
25) Chloroform	5.18	83	6149	0.267 ug/L	95
38) Bromodichloromethane	7.87	83	2224	0.145 ug/L #	66

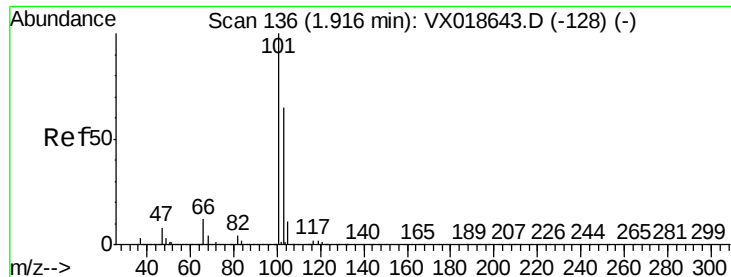
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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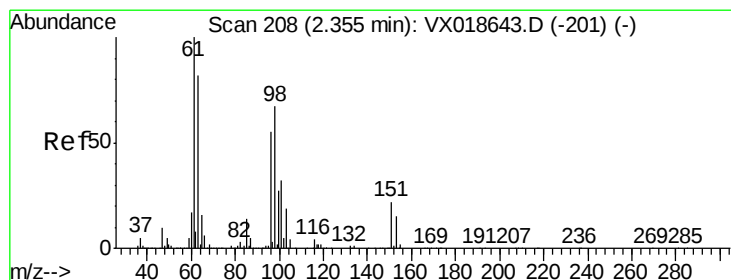
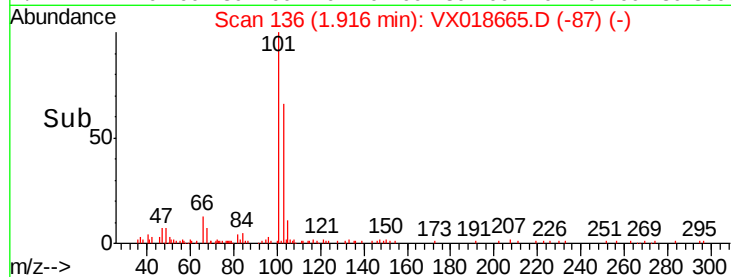
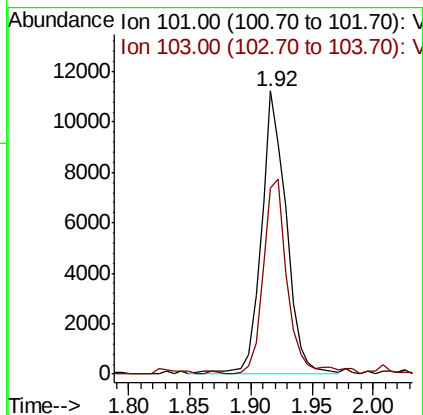
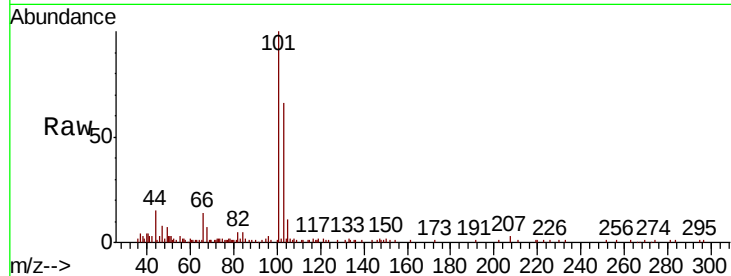


#9

Trichlorofluoromethane
Concen: 0.710 ug/L
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018665.D
Acq: 29 Sep 2020 18:16

Instrument :
MSVOA_X
ClientSampleId :
BG0H4

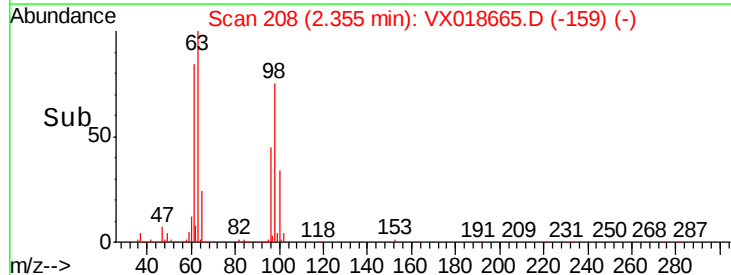
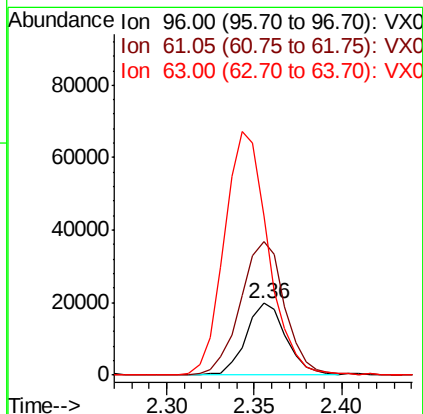
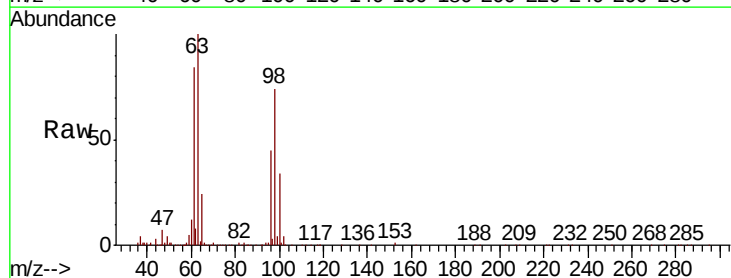
Tot Ion:101 Resp: 15998
Ion Ratio Lower Upper
101 100
103 67.4 49.8 74.6

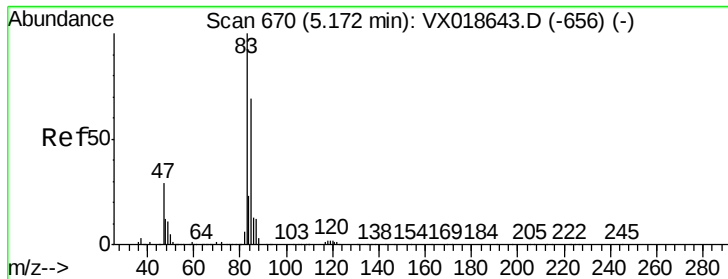


#12

1,1-Dichloroethene
Concen: 2.681 ug/L
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018665.D
Acq: 29 Sep 2020 18:16

Tgt Ion: 96 Resp: 31459
Ion Ratio Lower Upper
96 100
61 185.3 123.8 229.8
63 221.1 104.7 194.4#





#25

Chloroform

Concen: 0.267 ug/L

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX018665.D

Acq: 29 Sep 2020 18:16

Instrument :

MSVOA_X

ClientSampled :

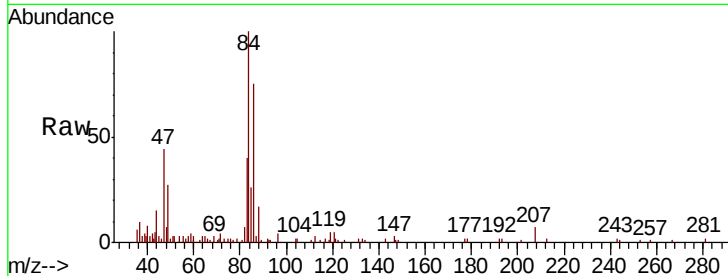
BG0H4

Tot Ion: 83 Resp: 6149

Ion Ratio Lower Upper

83 100

85 63.8 41.8 77.6



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0

2000

1500

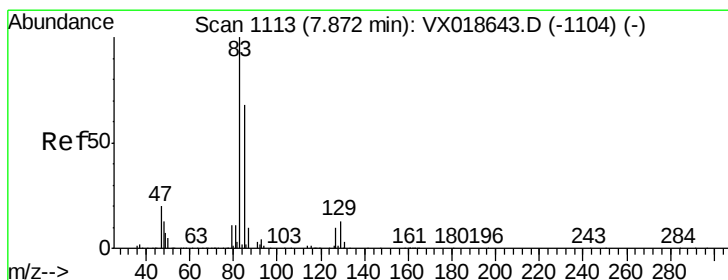
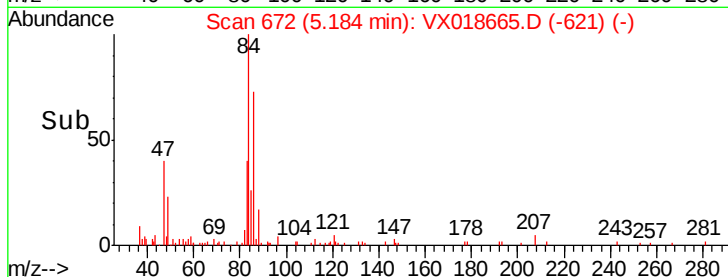
1000

500

0

5.05 5.10 5.15 5.20 5.25

Time-->



#38

Bromodichloromethane

Concen: 0.145 ug/L

RT: 7.87 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VX018665.D

Acq: 29 Sep 2020 18:16

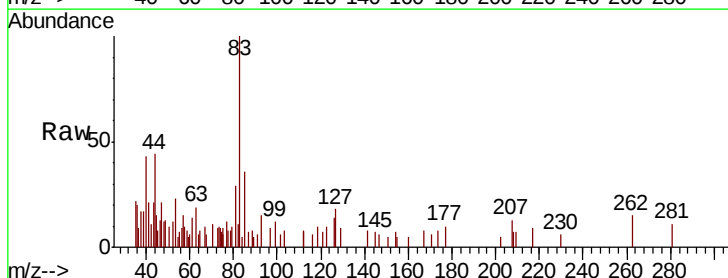
Tgt Ion: 83 Resp: 2224

Ion Ratio Lower Upper

83 100

85 35.9 45.2 84.0#

127 18.3 8.2 12.2#



Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 126.90 (126.60 to 127.60): V

1500

1000

500

0

7.80 7.85 7.90

Time-->

