

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018664.D
 Acq On : 29 Sep 2020 17:52
 Operator : JC/SP
 Sample : L4143-09
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0H3

Quant Time: Sep 30 06:54:54 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	257289	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	249415	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	113448	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55124	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.70	69	50747	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.35	63	192930	6.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	129.80%#
20) 2-Butanone-d5	4.56	46	164300	47.86	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.72%
24) Chloroform-d	5.14	84	140950	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	6.03	65	81412	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	6.05	84	262523	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	7.37	67	80268	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	8.70	98	230238	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
45) trans-1,3-Dichloropropene-	8.99	79	32498	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
48) 2-Hexanone-d5	9.43	63	131630	47.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.22%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	59098	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	86003	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

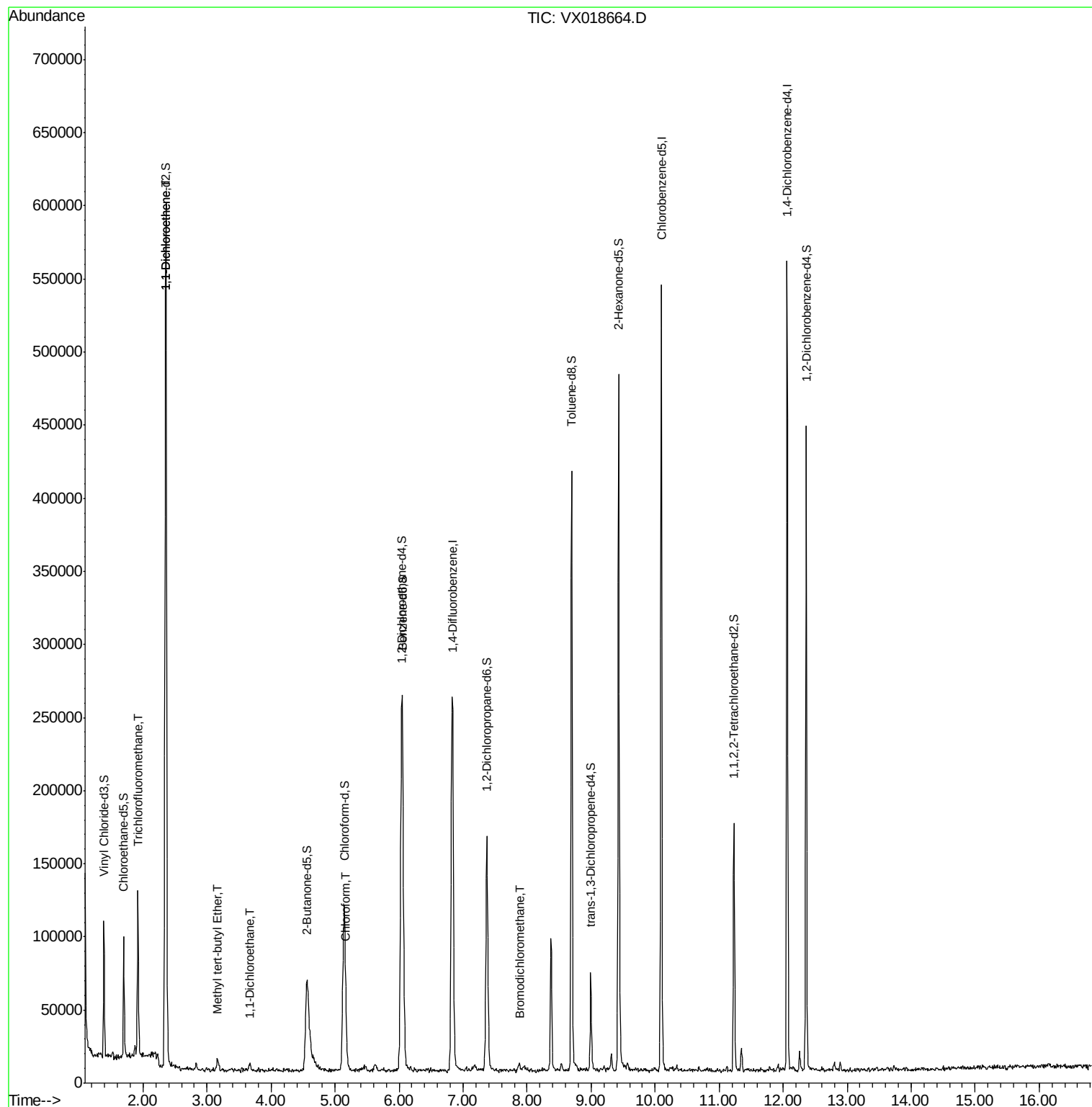
					Ovalue
9) Trichlorofluoromethane	1.92	101	71085	2.946	ug/L 94
12) 1,1-Dichloroethene	2.36	96	156286	12.442	ug/L # 78
17) Methyl tert-butyl Ether	3.17	73	8749	0.313	ug/L # 84
19) 1,1-Dichloroethane	3.67	63	5192	0.231	ug/L # 84
25) Chloroform	5.17	83	9479	0.385	ug/L 97
38) Bromodichloromethane	7.88	83	3155	0.182	ug/L 99

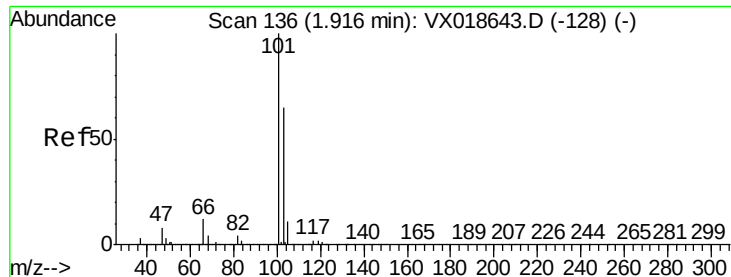
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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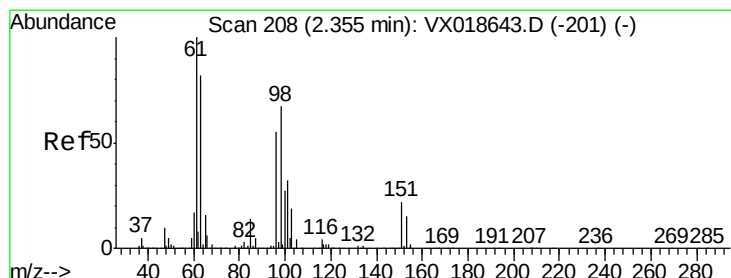
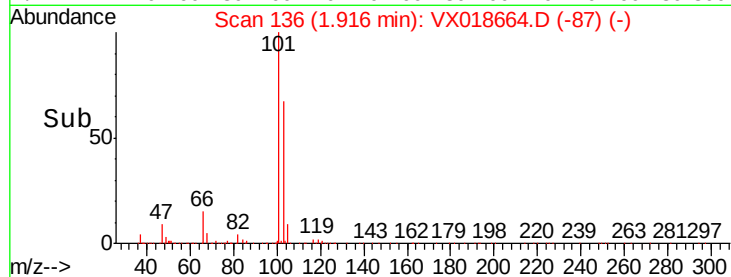
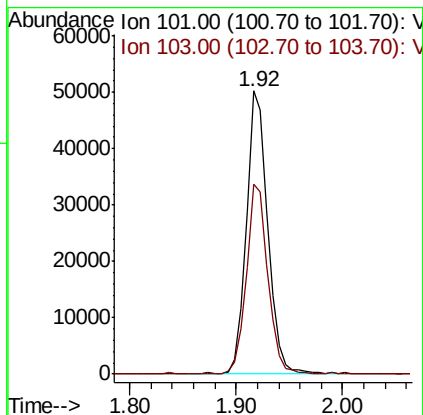
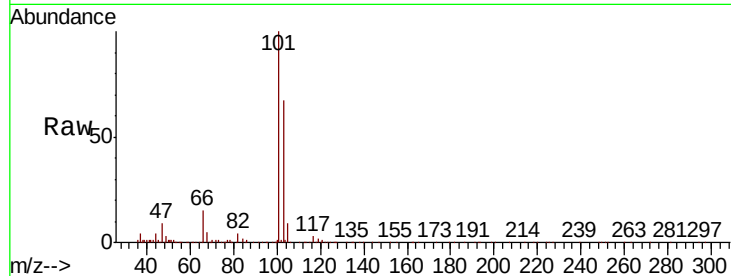


#9

Trichlorofluoromethane
Concen: 2.946 ug/L
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018664.D
Acq: 29 Sep 2020 17:52

Instrument :
MSVOA_X
ClientSampled :
BG0H3

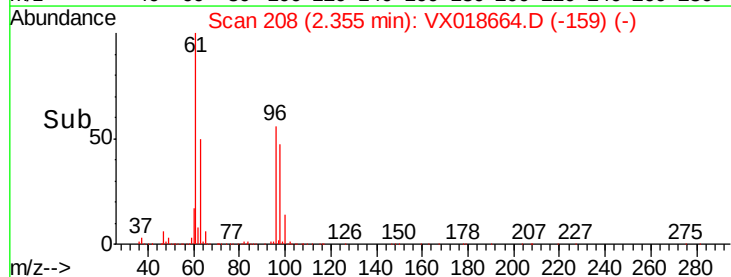
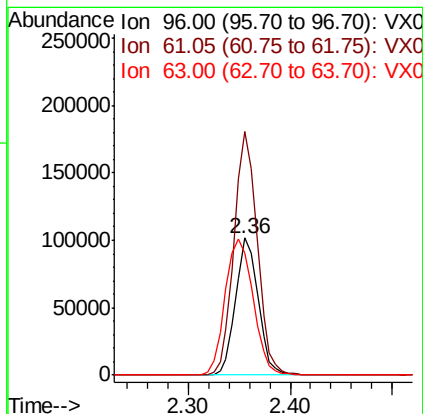
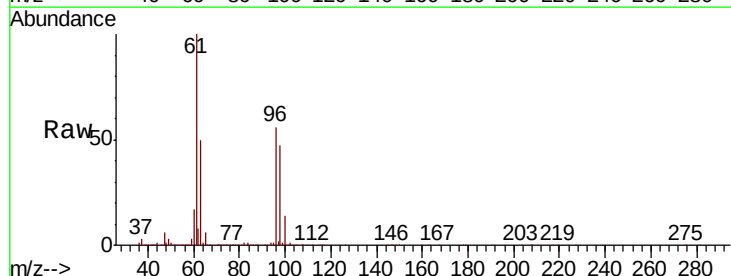
Tot Ion:101 Resp: 71085
Ion Ratio Lower Upper
101 100
103 67.1 49.8 74.6

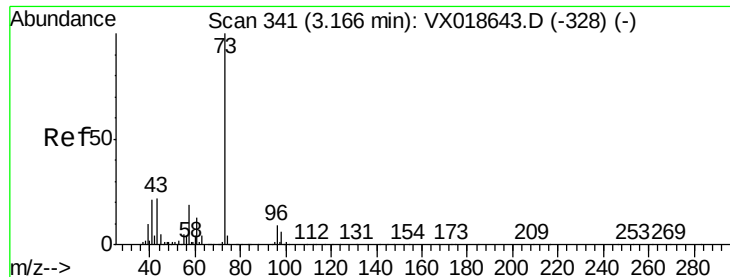


#12

1,1-Dichloroethene
Concen: 12.442 ug/L
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018664.D
Acq: 29 Sep 2020 17:52

Tgt Ion: 96 Resp: 156286
Ion Ratio Lower Upper
96 100
61 177.9 123.8 229.8
63 89.5 104.7 194.4#

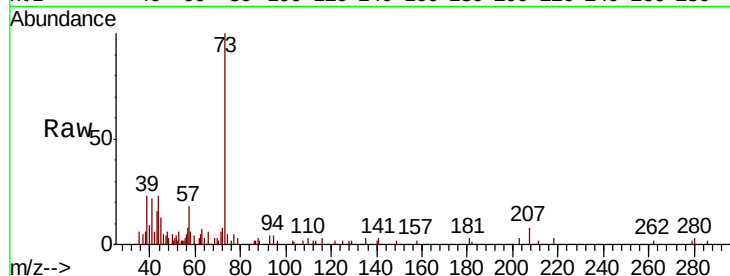




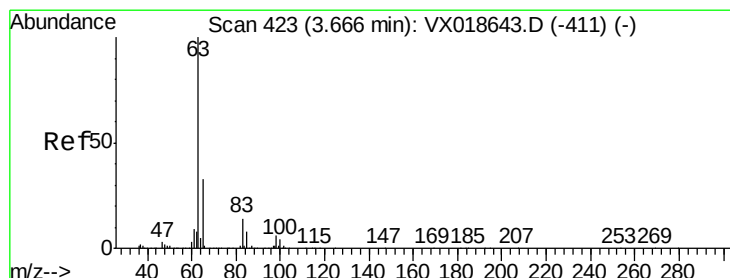
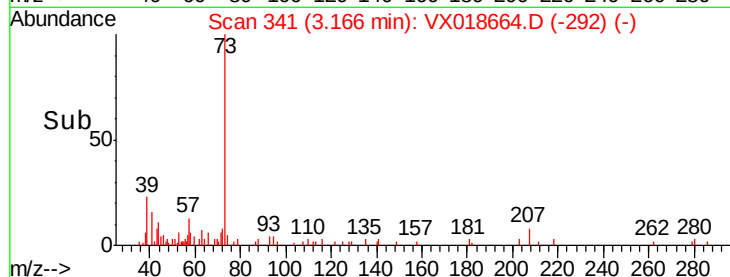
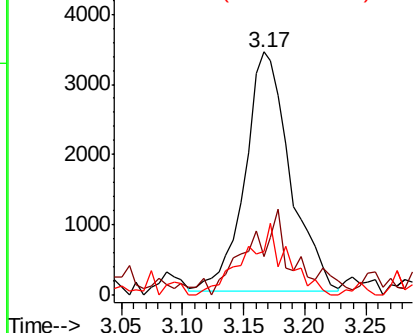
#17
Methyl tert-butyl Ether
Concen: 0.313 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018664.D
Acq: 29 Sep 2020 17:52

Instrument :
MSVOA_X
ClientSampleId :
BG0H3

Tot Ion	Ratio	Lower	Upper
73	100		
43	31.8	18.6	27.8#
57	28.1	17.3	25.9#

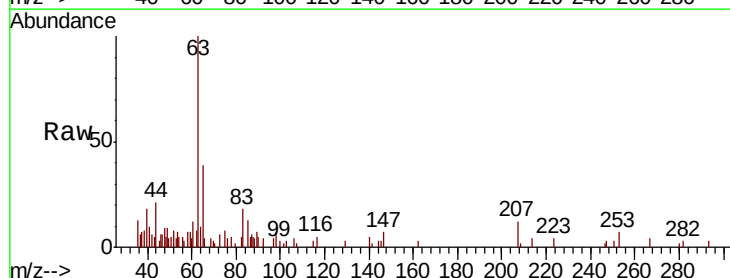


Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0

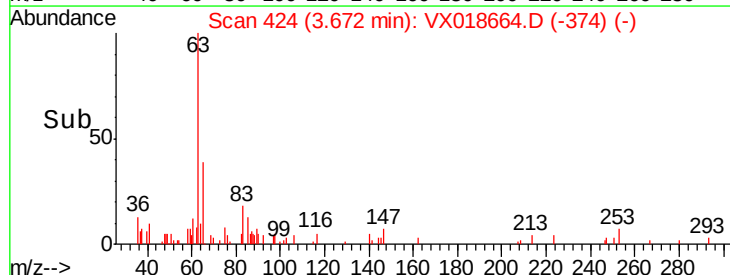
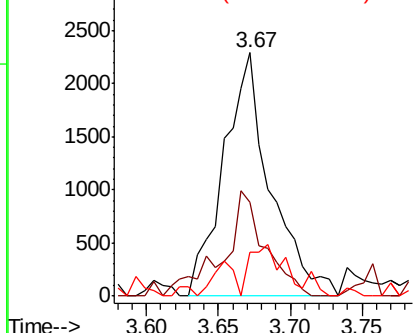


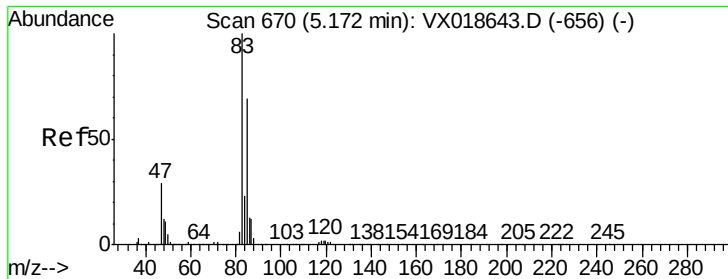
#19
1,1-Dichloroethane
Concen: 0.231 ug/L
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX018664.D
Acq: 29 Sep 2020 17:52

Tgt Ion	Ratio	Lower	Upper
63	100		
65	42.5	22.7	42.1#
83	18.1	9.3	17.3#



Abundance Ion 63.10 (62.80 to 63.80): VX0
Ion 65.10 (64.80 to 65.80): VX0
Ion 83.05 (82.75 to 83.75): VX0





#25

Chloroform

Concen: 0.385 ug/L

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX018664.D

Acq: 29 Sep 2020 17:52

Instrument :

MSVOA_X

ClientSampleId :

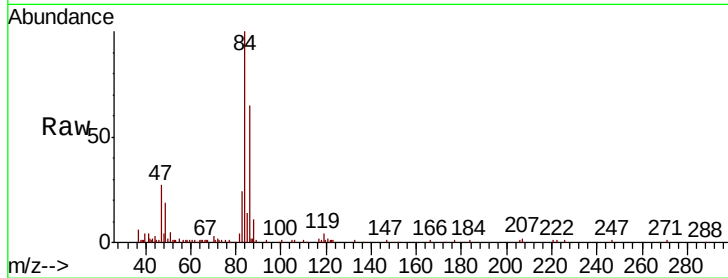
BG0H3

Tot Ion: 83 Resp: 9479

Ion Ratio Lower Upper

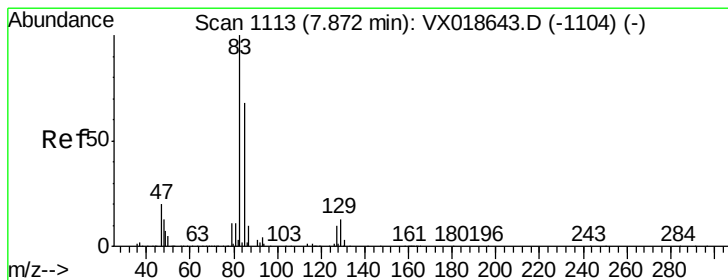
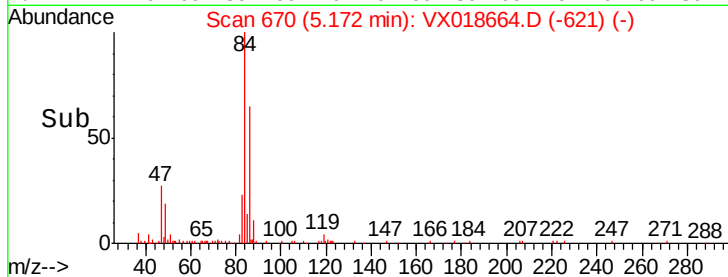
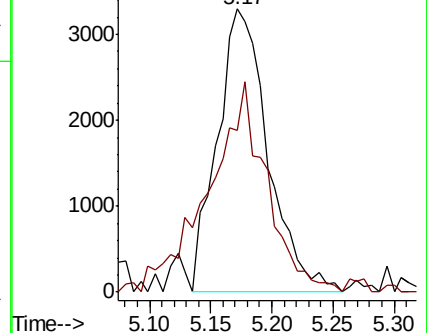
83 100

85 57.3 41.8 77.6



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#38

Bromodichloromethane

Concen: 0.182 ug/L

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX018664.D

Acq: 29 Sep 2020 17:52

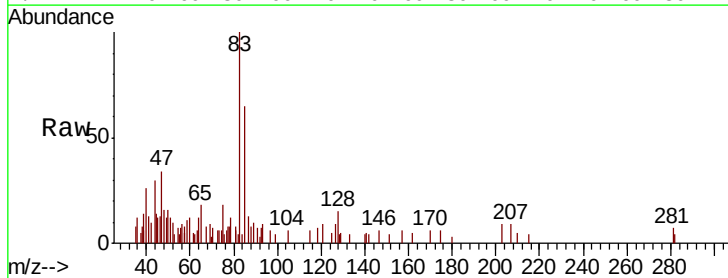
Tgt Ion: 83 Resp: 3155

Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0

127 9.0 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

