

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017903.D
 Acq On : 14 Aug 2020 17:12
 Operator : JC/SP
 Sample : L3697-08
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0N5

Quant Time: Aug 17 01:31:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 01:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	298996	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	276604	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	131083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	91378	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.69	69	75417	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.34	63	137541	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.53	46	275113	50.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.28%
24) Chloroform-d	5.14	84	188029	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	6.03	65	105095	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	6.04	84	337980	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	7.37	67	107329	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	8.70	98	307061	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
45) trans-1,3-Dichloropropene-	8.99	79	44177	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
48) 2-Hexanone-d5	9.43	63	222695	52.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.42%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	86910	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	129528	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

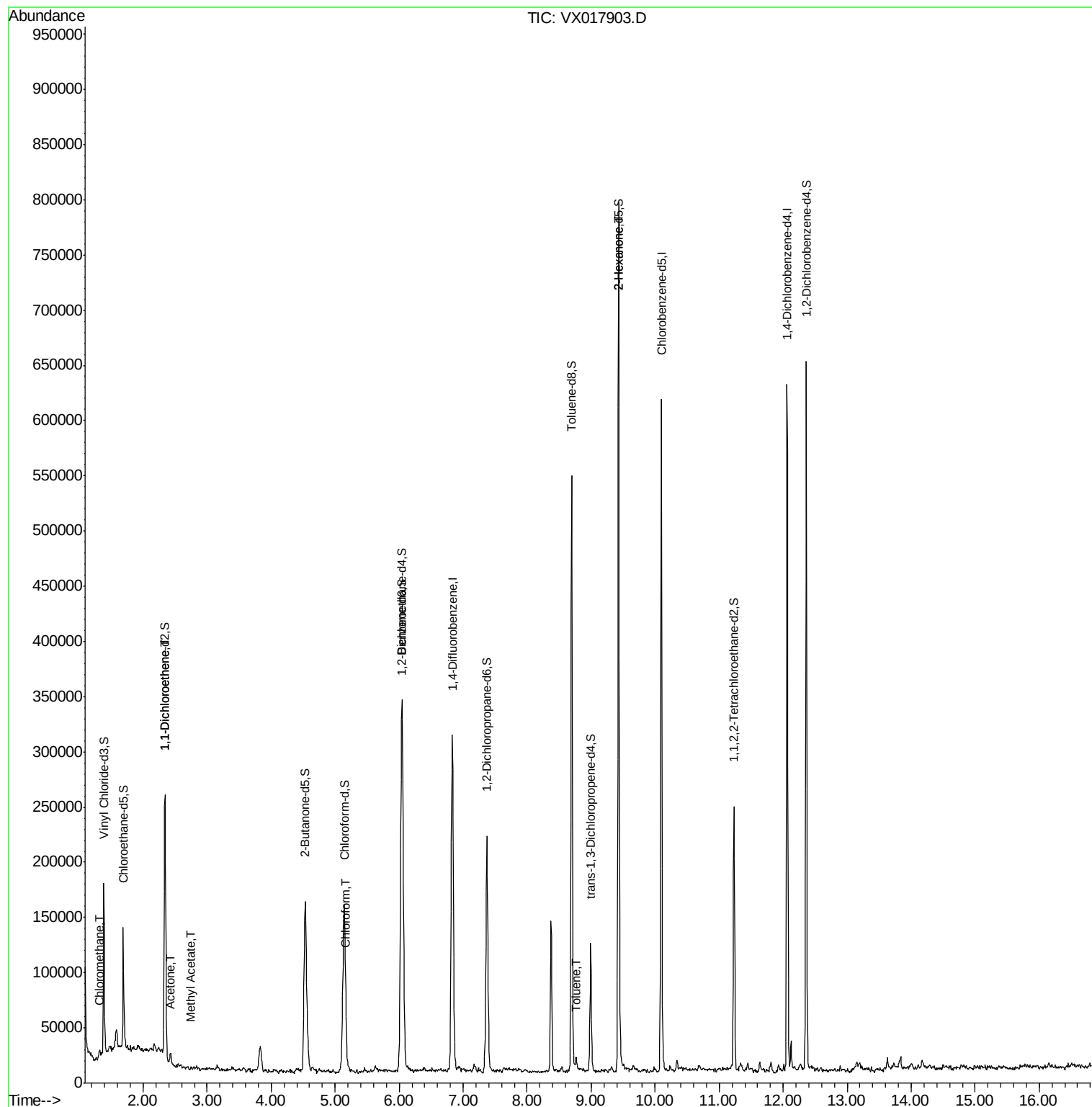
					Qvalue
3) Chloromethane	1.31	50	3694	0.130 ug/L	94
12) 1,1-Dichloroethene	2.34	96	2916	0.127 ug/L #	1
13) Acetone	2.42	43	5907	1.473 ug/L	79
15) Methyl Acetate	2.75	43	1331	0.113 ug/L	98
25) Chloroform	5.17	83	4818	0.096 ug/L	92
42) Toluene	8.77	91	7962	0.075 ug/L	94
50) 2-Hexanone	9.43	43	27587	2.401 ug/L #	66

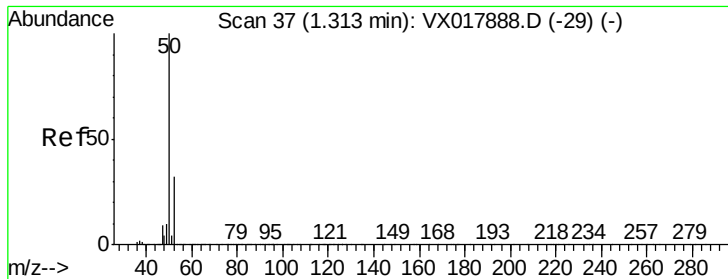
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.130 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017903.D

Acq: 14 Aug 2020 17:12

Instrument :

MSVOA_X

ClientSampleId :

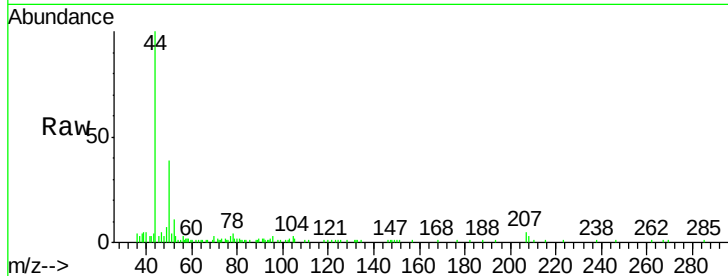
BG0N5

Tgt Ion: 50 Resp: 3694

Ion Ratio Lower Upper

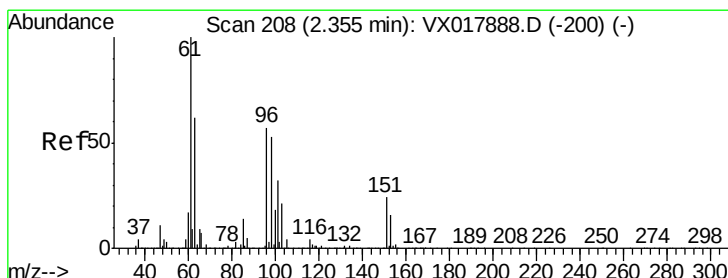
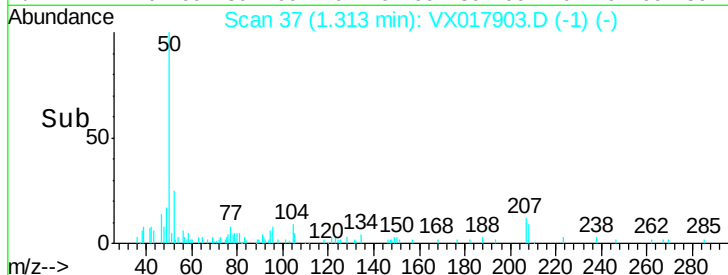
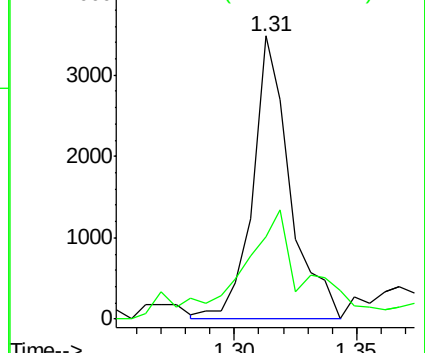
50 100

52 29.0 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#12

1,1-Dichloroethene

Concen: 0.127 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX017903.D

Acq: 14 Aug 2020 17:12

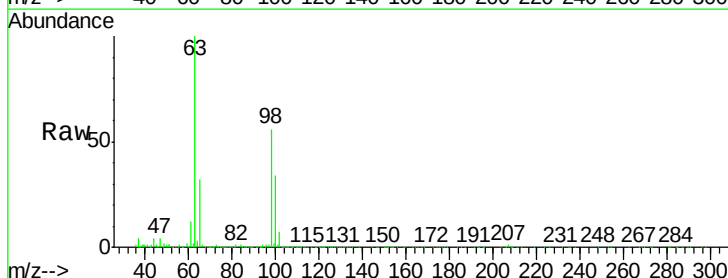
Tgt Ion: 96 Resp: 2916

Ion Ratio Lower Upper

96 100

61 894.6 123.5 229.3#

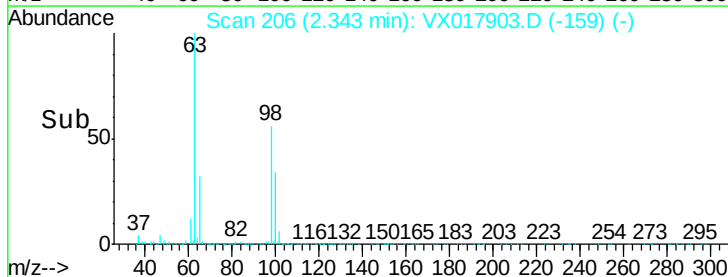
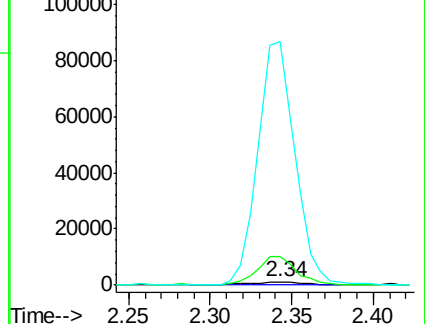
63 7646.2 67.0 124.4#

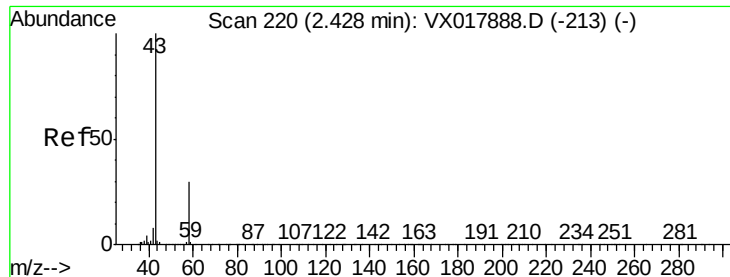


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 1.473 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

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Acq: 14 Aug 2020 17:12

Instrument :

MSVOA_X

ClientSampleId :

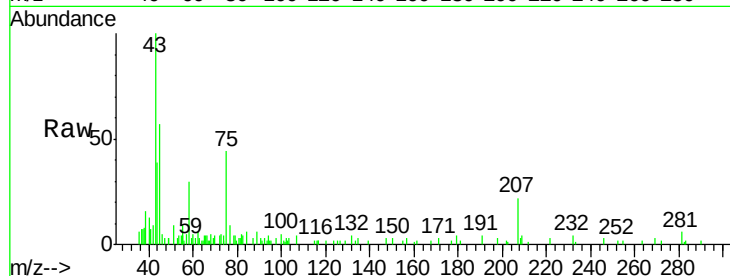
BG0N5

Tgt Ion: 43 Resp: 5907

Ion Ratio Lower Upper

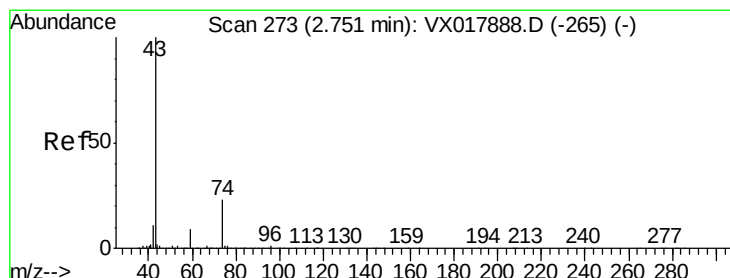
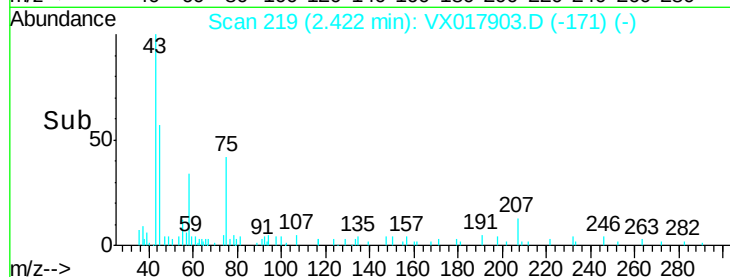
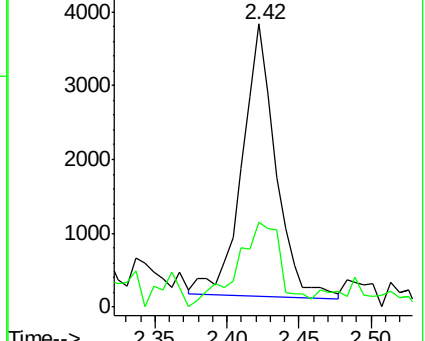
43 100

58 42.0 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#15

Methyl Acetate

Concen: 0.113 ug/L

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017903.D

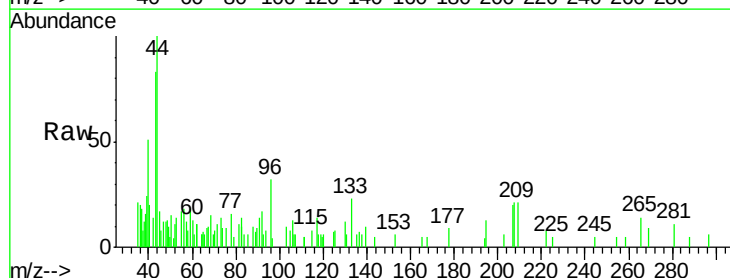
Acq: 14 Aug 2020 17:12

Tgt Ion: 43 Resp: 1331

Ion Ratio Lower Upper

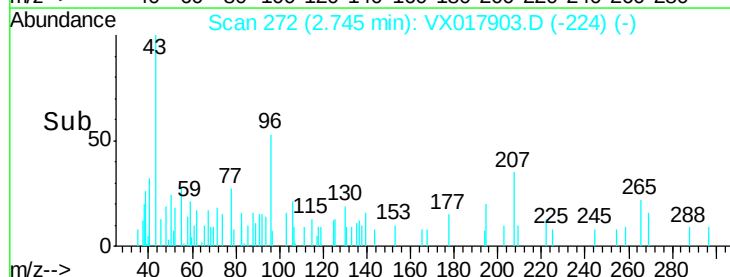
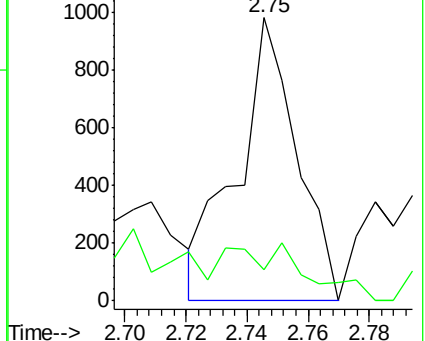
43 100

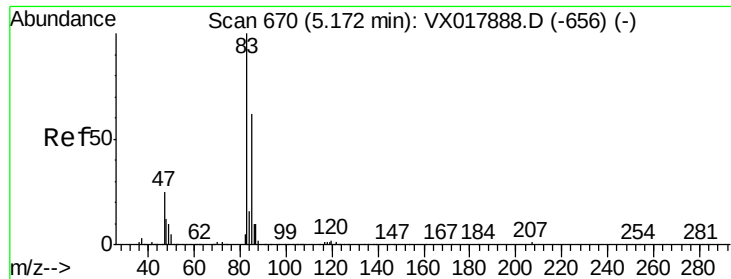
74 26.3 20.4 30.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0

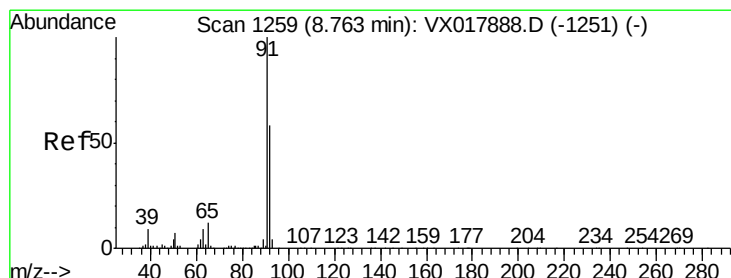
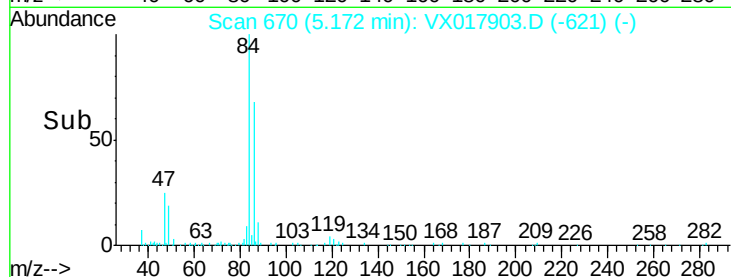
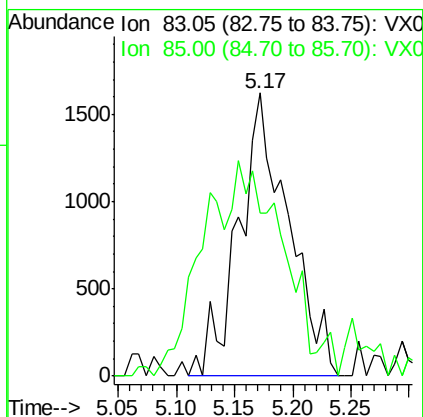
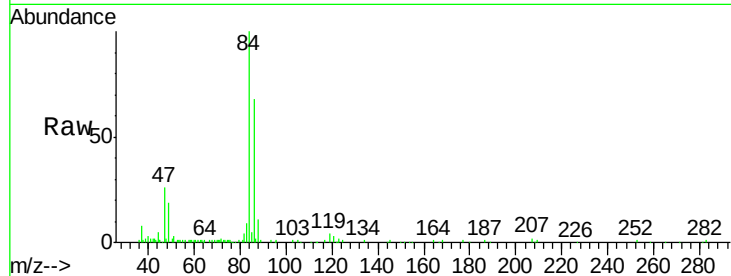




#25
Chloroform
Concen: 0.096 ug/L
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX017903.D
Acq: 14 Aug 2020 17:12

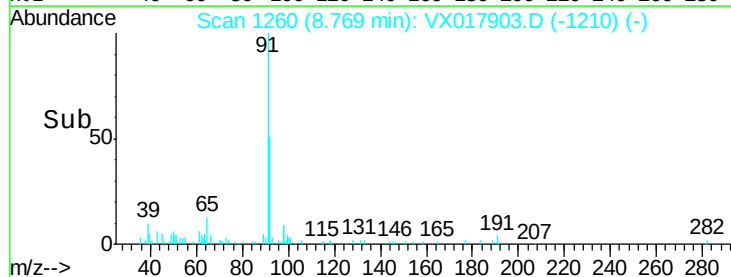
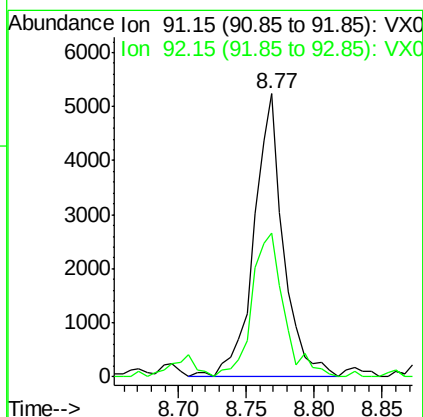
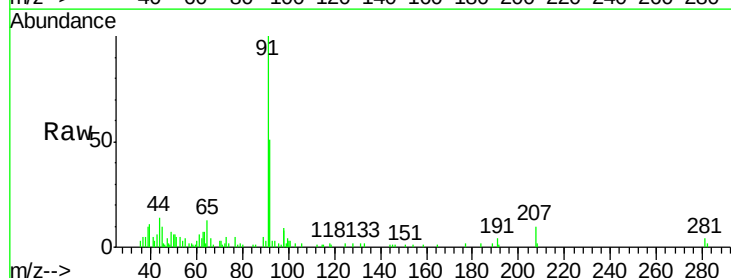
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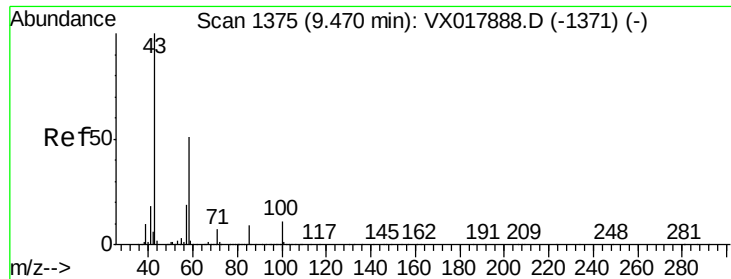
Tgt Ion: 83 Resp: 4818
Ion Ratio Lower Upper
83 100
85 57.8 44.7 83.1



#42
Toluene
Concen: 0.075 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017903.D
Acq: 14 Aug 2020 17:12

Tgt Ion: 91 Resp: 7962
Ion Ratio Lower Upper
91 100
92 50.8 38.8 72.0





#50

2-Hexanone

Concen: 2.401 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX017903.D

Acq: 14 Aug 2020 17:12

Instrument :

MSVOA_X

ClientSampleId :

BG0N5

Tgt Ion: 43 Resp: 27587

Ion Ratio Lower Upper

43 100

58 25.9 43.0 64.6#

57 28.1 15.0 22.4#

100 0.5 9.2 13.8#

