

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
 Data File : VX017912.D
 Acq On : 14 Aug 2020 21:20
 Operator : JC/SP
 Sample : L3701-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JLTx0

Quant Time: Aug 17 05:40:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 04:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	309367	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	306771	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	140083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	89893	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.69	69	75883	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.34	63	139156	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.53	46	266719	46.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.96%
24) Chloroform-d	5.14	84	178174	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	6.03	65	106882	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	6.05	84	359160	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	7.37	67	120601	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	8.70	98	314734	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
45) trans-1,3-Dichloropropene-	8.99	79	45694	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
48) 2-Hexanone-d5	9.43	63	227940	48.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.30%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	86663	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	128221	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

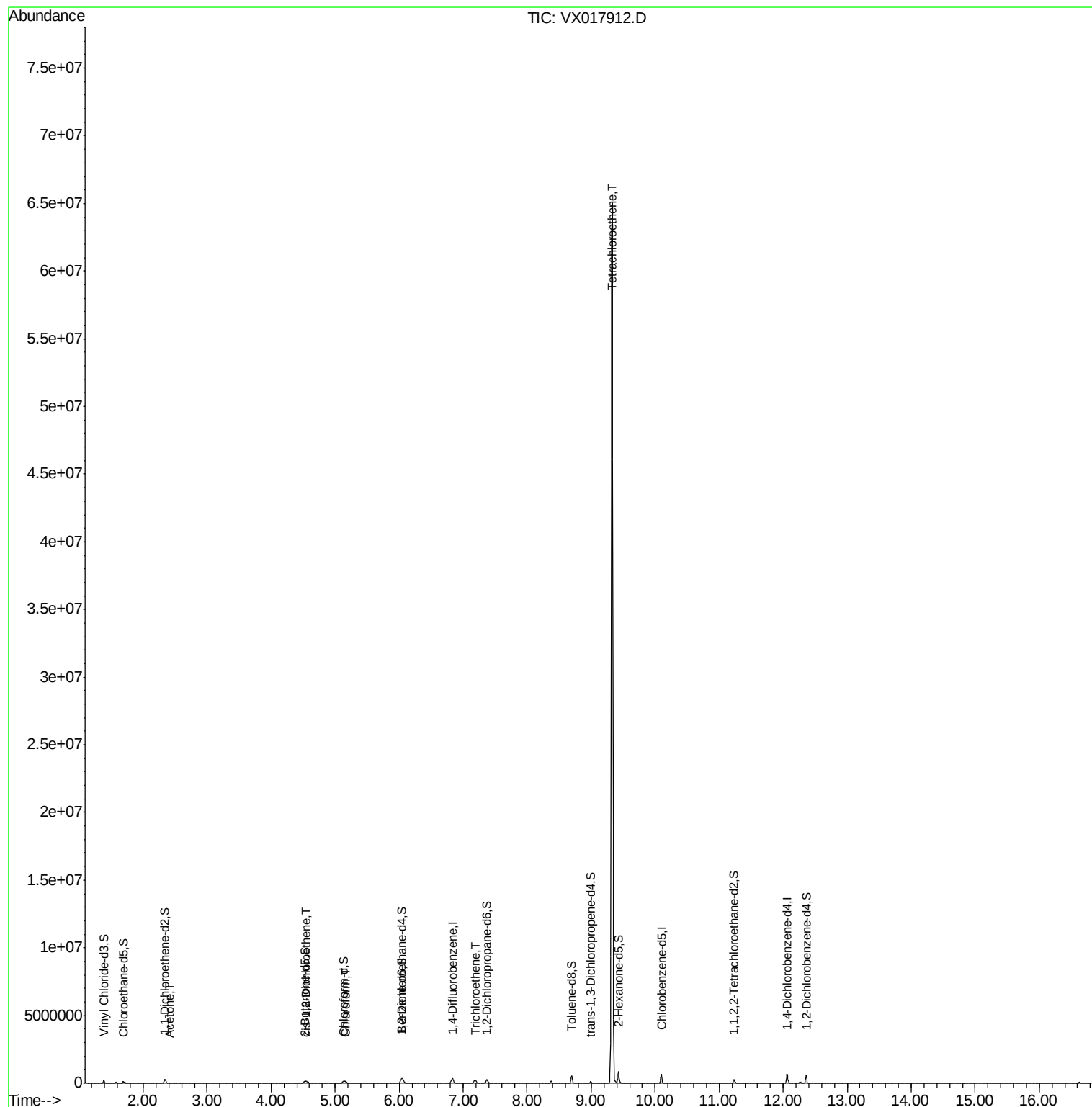
					Ovalue
13) Acetone	2.42	43	15157	3.654 ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	17361	0.615 ug/L #	96
25) Chloroform	5.17	83	21576	0.417 ug/L	93
34) Trichloroethene	7.19	95	85183	2.687 ug/L	97
49) Tetrachloroethene	9.33	164	13099906	516.520 ug/L	91

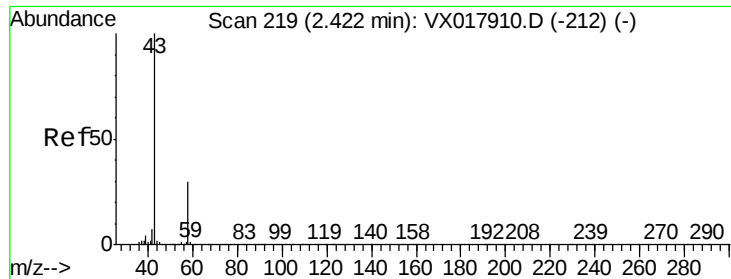
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 04:16:10 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.654 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017912.D

Acq: 14 Aug 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

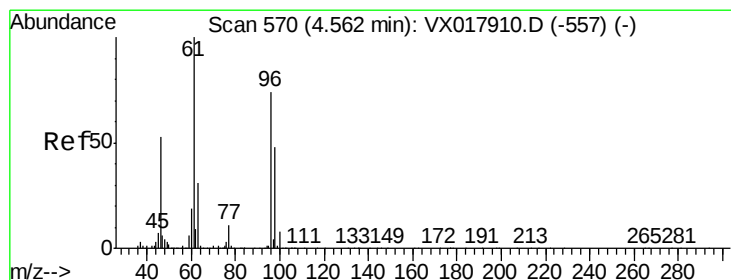
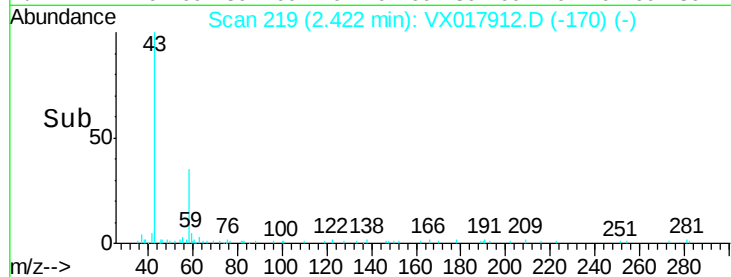
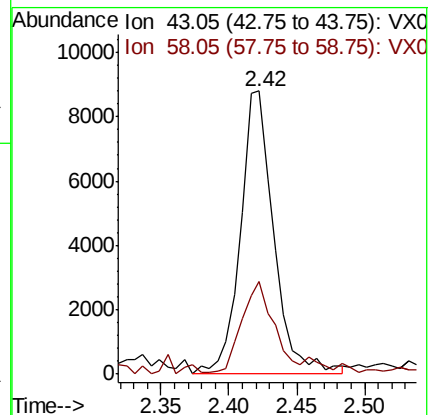
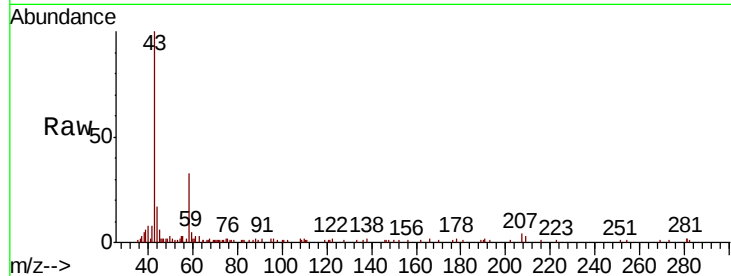
JLTX0

Tot Ion: 43 Resp: 15157

Ion Ratio Lower Upper

43 100

58 30.1 0.0 60.8



#22

cis-1,2-Dichloroethene

Concen: 0.615 ug/L

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX017912.D

Acq: 14 Aug 2020 21:20

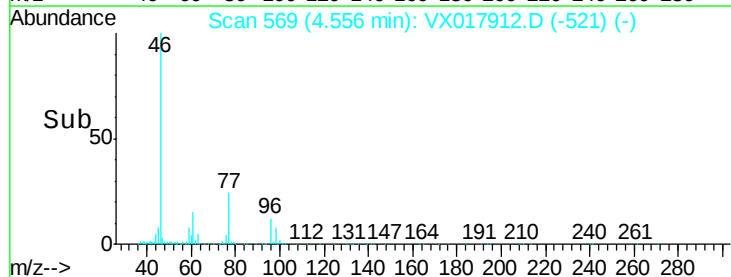
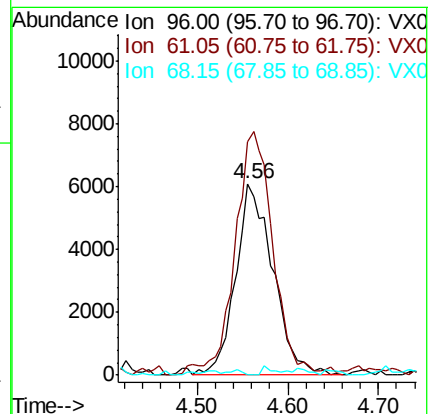
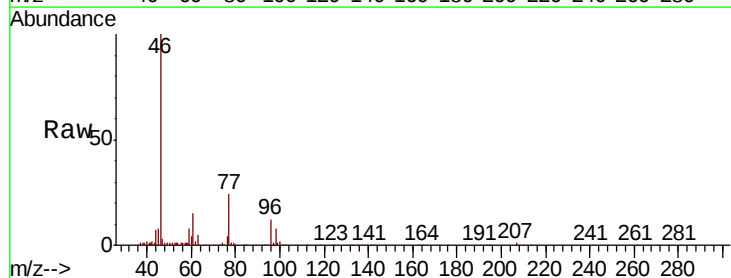
Tgt Ion: 96 Resp: 17361

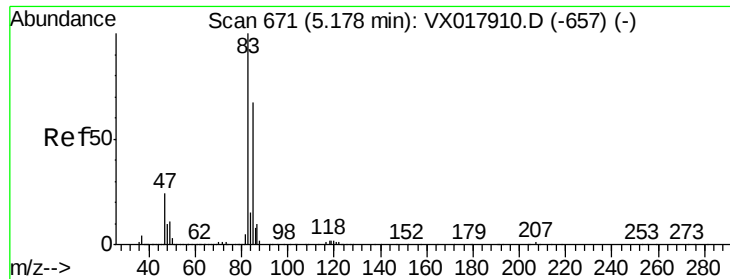
Ion Ratio Lower Upper

96 100

61 122.1 88.8 165.0

68 0.0 0.2 0.4#





#25

Chloroform

Concen: 0.417 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017912.D

Acq: 14 Aug 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

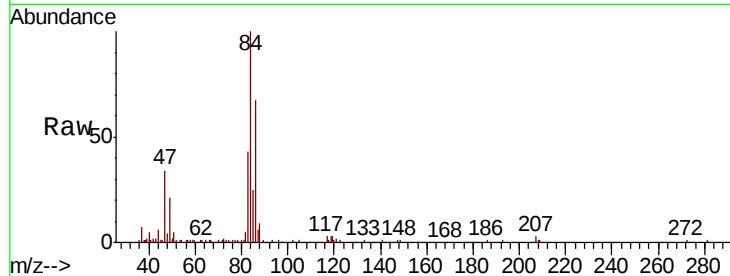
JLTX0

Tot Ion: 83 Resp: 21576

Ion Ratio Lower Upper

83 100

85 58.2 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.17

8000

6000

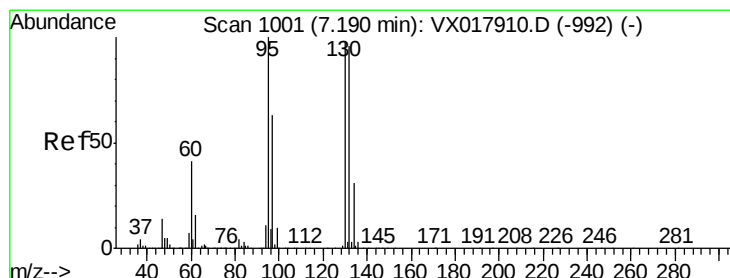
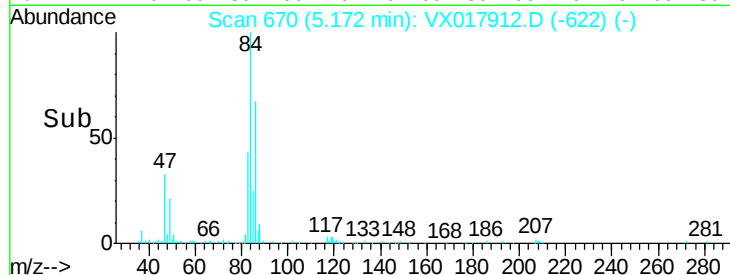
4000

2000

0

5.10 5.20 5.30

Time-->



#34

Trichloroethene

Concen: 2.687 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017912.D

Acq: 14 Aug 2020 21:20

Tgt Ion: 95 Resp: 85183

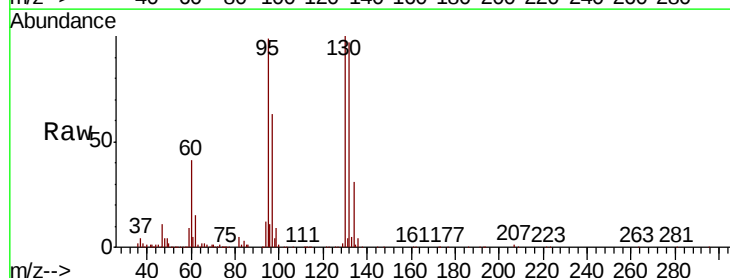
Ion Ratio Lower Upper

95 100

97 63.9 46.1 85.5

132 98.2 66.0 122.6

130 101.0 71.7 133.1



Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

60000

50000

40000

30000

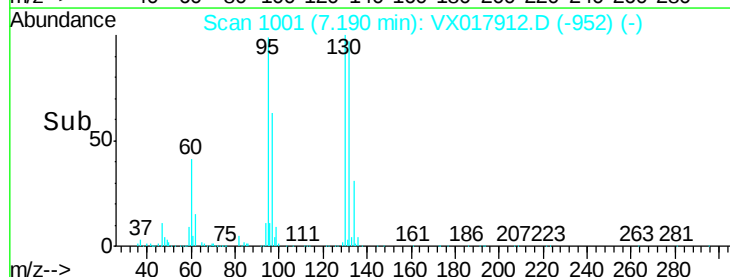
20000

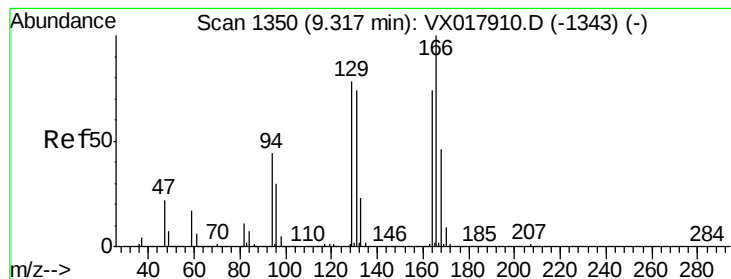
10000

0

7.10 7.20 7.30

Time-->





#49

Tetrachloroethene

Concen: 516.520 ug/L

RT: 9.33 min Scan# 1352

Delta R.T. 0.01 min

Lab File: VX017912.D

Acq: 14 Aug 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

JLTX0

Tot Ion:164 Resp:13099906

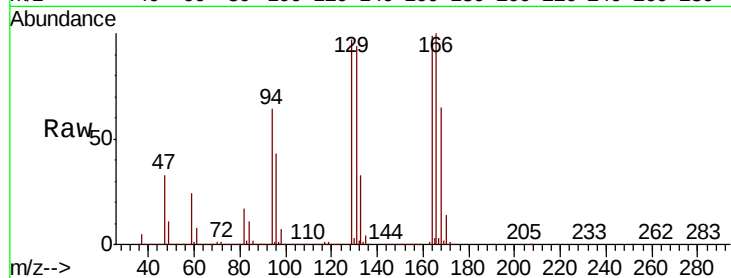
Ion Ratio Lower Upper

164 100

129 98.0 67.4 125.2

131 95.1 65.3 121.3

166 101.3 87.2 161.9



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

