

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
 Data File : VX017913.D
 Acq On : 14 Aug 2020 21:45
 Operator : JC/SP
 Sample : L3701-02
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JLTx1

Quant Time: Aug 17 05:42:31 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	277640	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	269187	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	124483	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	86992	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.69	69	72887	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.34	63	132833	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.53	46	261376	51.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	5.14	84	192444	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	6.03	65	107290	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	6.05	84	357654	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	7.37	67	114389	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	8.70	98	306665	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
45) trans-1,3-Dichloropropene-	8.99	79	43825	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	9.43	63	227020	55.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.42%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	84850	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	123266	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

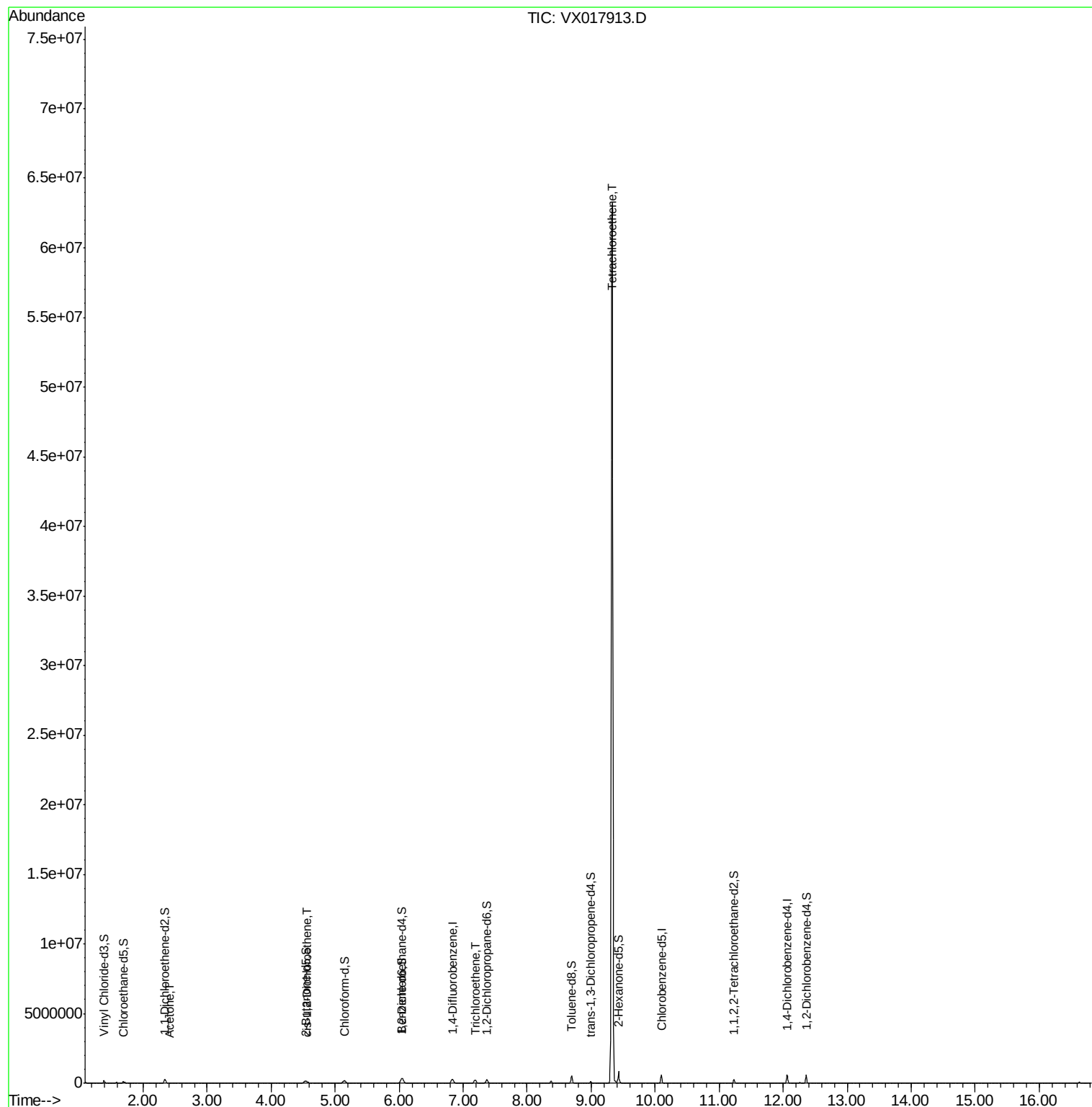
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.42	43	14300	3.841	ug/L	90
22) cis-1,2-Dichloroethene	4.56	96	16122	0.636	ug/L #	93
34) Trichloroethene	7.19	95	85193	3.062	ug/L	94
49) Tetrachloroethene	9.33	164	12784565	574.467	ug/L	92

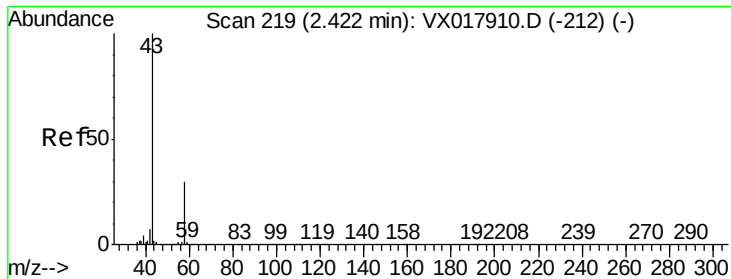
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.841 ug/L

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017913.D

Acq: 14 Aug 2020 21:45

Instrument :

MSVOA_X

ClientSampleId :

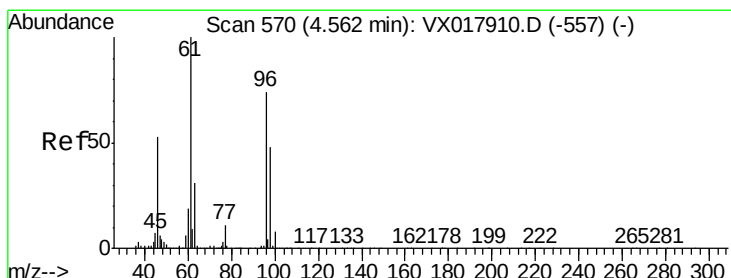
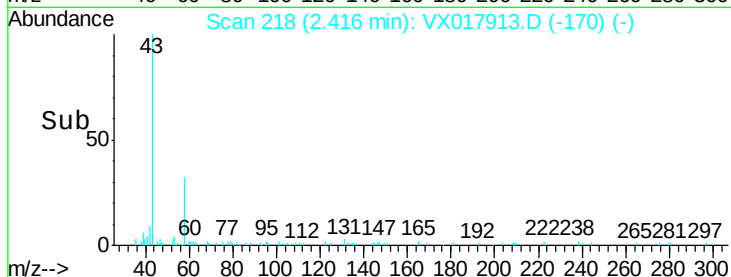
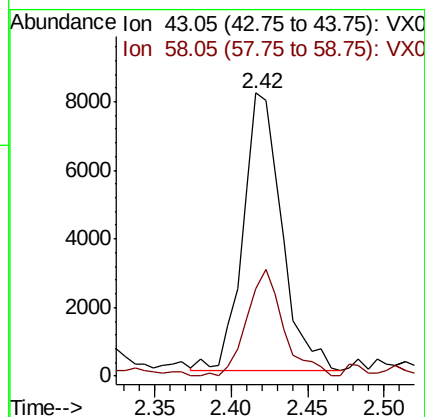
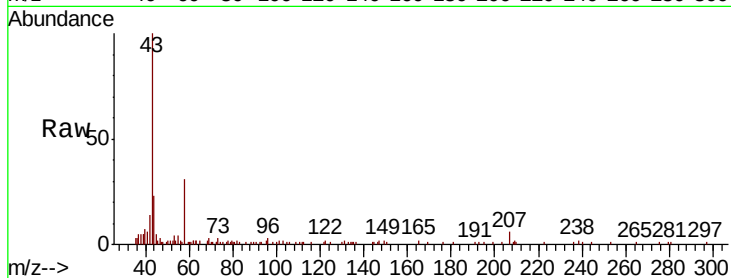
JLTX1

Tot Ion: 43 Resp: 14300

Ion Ratio Lower Upper

43 100

58 36.0 0.0 60.8



#22

cis-1,2-Dichloroethene

Concen: 0.636 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

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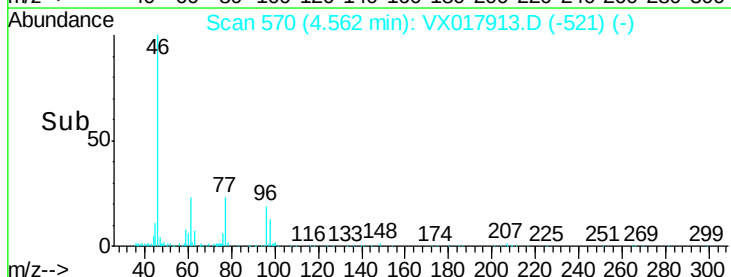
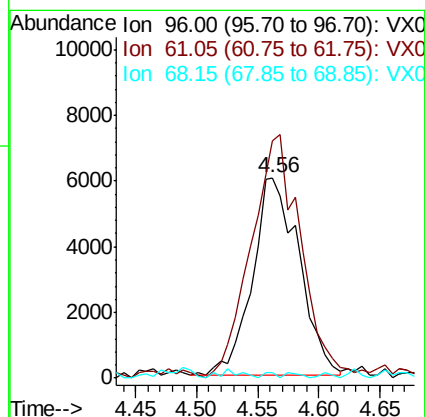
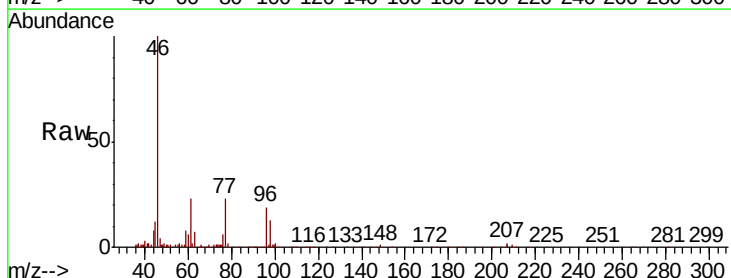
Tgt Ion: 96 Resp: 16122

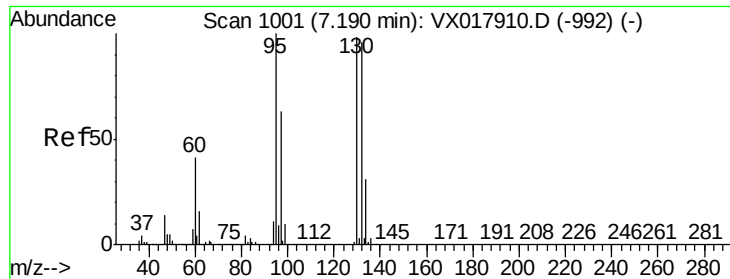
Ion Ratio Lower Upper

96 100

61 118.8 88.8 165.0

68 3.1 0.2 0.4#

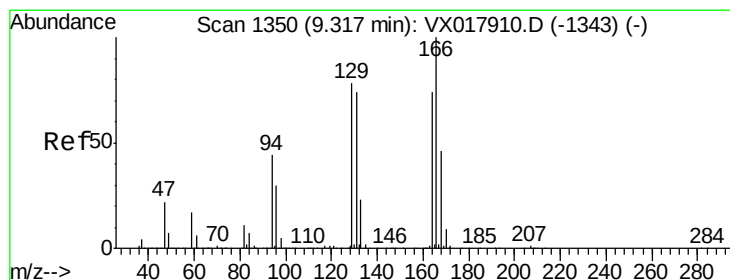
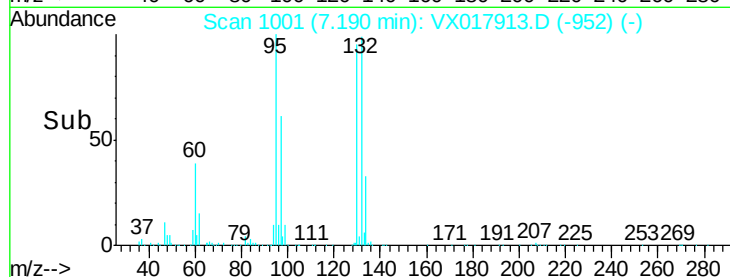
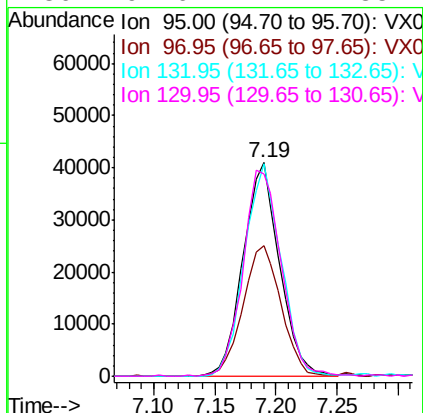
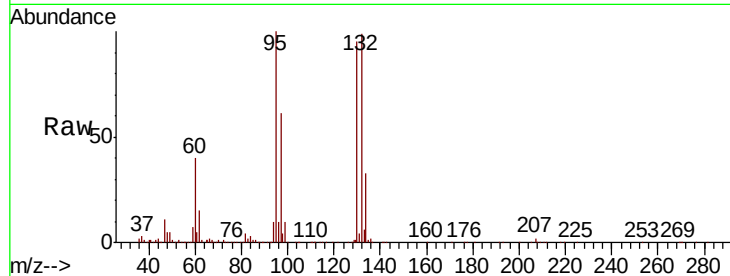




#34
 Trichloroethene
 Concen: 3.062 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
95	100		
97	61.3	46.1	85.5
132	99.3	66.0	122.6
130	94.6	71.7	133.1



#49
 Tetrachloroethene
 Concen: 574.467 ug/L
 RT: 9.33 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: VX017913.D
 Acq: 14 Aug 2020 21:45

Tgt Ion	Ratio	Lower	Upper
164	100		
129	97.3	67.4	125.2
131	94.3	65.3	121.3
166	103.3	87.2	161.9

