

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO081320\
 Data File : VX017871.D
 Acq On : 13 Aug 2020 13:31
 Operator : JC/SP
 Sample : L3643-06
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0A7

Quant Time: Aug 14 07:54:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 14 07:35:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	276679	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	245196	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	117256	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	104049	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.69	69	80311	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.34	63	143939	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.53	46	233649	46.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.04%
24) Chloroform-d	5.14	84	172763	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	6.03	65	94045	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	6.05	84	324530	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	7.37	67	97899	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	8.70	98	309349	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
45) trans-1,3-Dichloropropene-	8.99	79	34907	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
48) 2-Hexanone-d5	9.43	63	160230	42.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.56%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	70846	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	122434	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

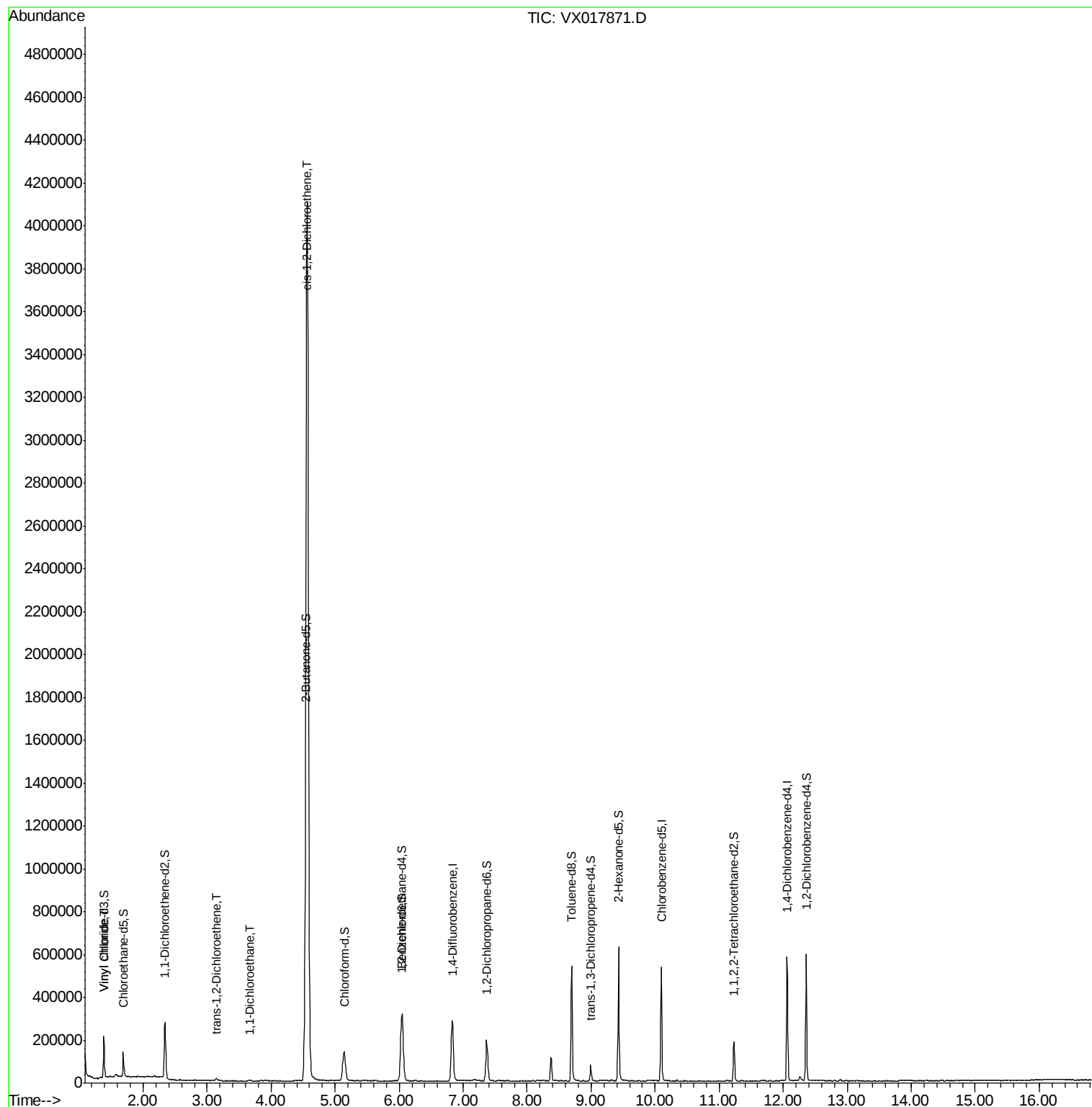
					Ovalue
5) Vinyl chloride	1.39	62	15110	0.580 ug/L	84
18) trans-1,2-Dichloroethene	3.14	96	3442	0.143 ug/L	93
19) 1,1-Dichloroethane	3.67	63	5838	0.136 ug/L	94
22) cis-1,2-Dichloroethene	4.56	96	2598689	102.916 ug/L #	98

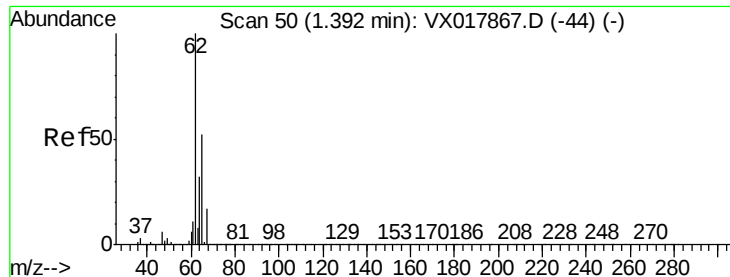
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.580 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

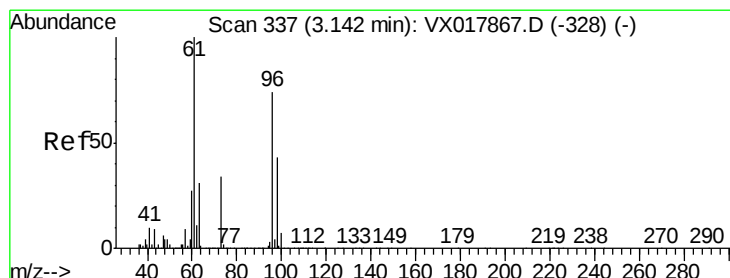
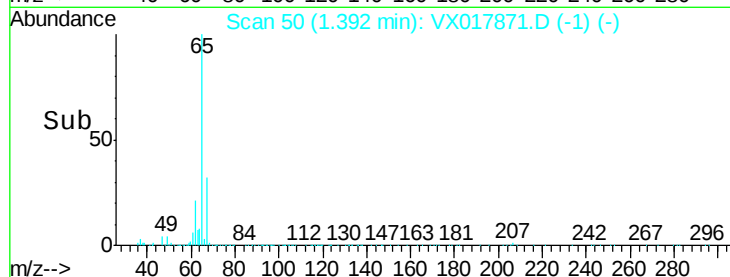
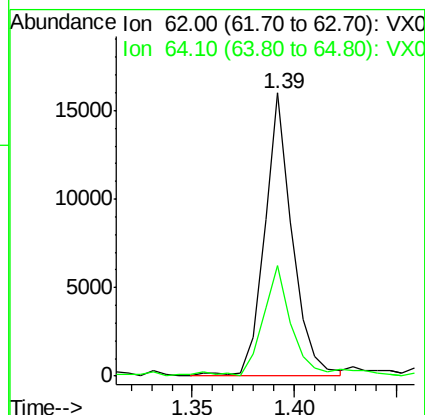
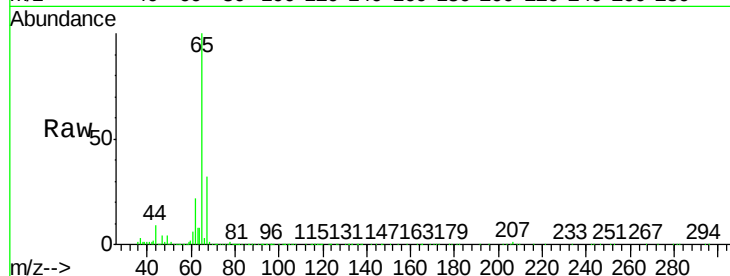
BG0A7

Tot Ion: 62 Resp: 15110

Ion Ratio Lower Upper

62 100

64 39.2 21.3 39.6



#18

trans-1,2-Dichloroethene

Concen: 0.143 ug/L

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

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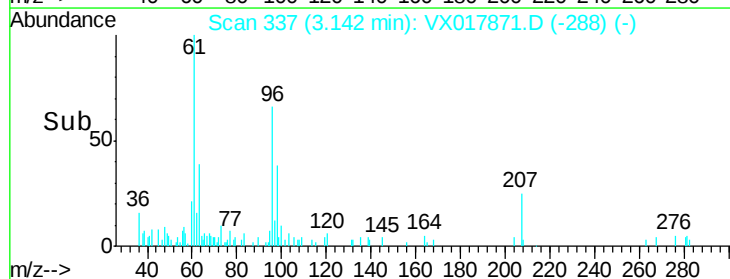
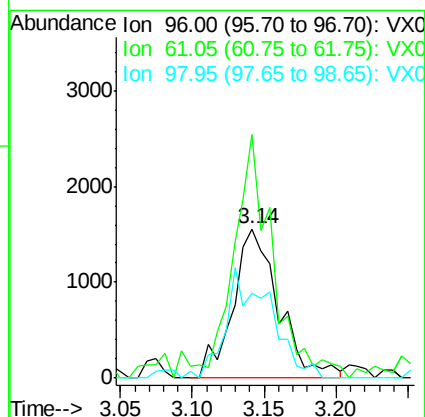
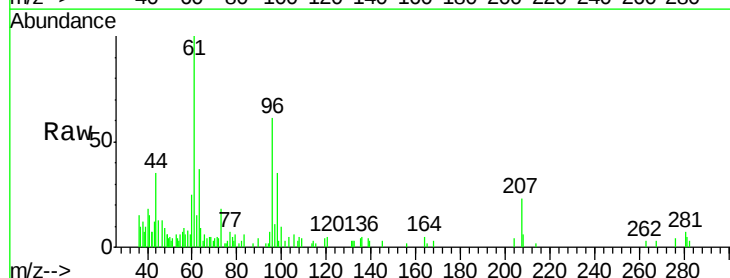
Tgt Ion: 96 Resp: 3442

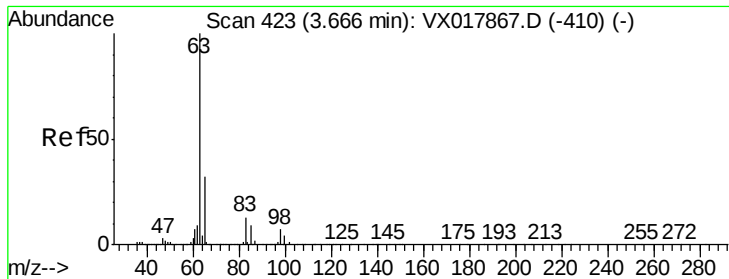
Ion Ratio Lower Upper

96 100

61 138.9 98.4 182.8

98 48.7 44.9 83.5





#19

1,1-Dichloroethane

Concen: 0.136 ug/L

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

BG0A7

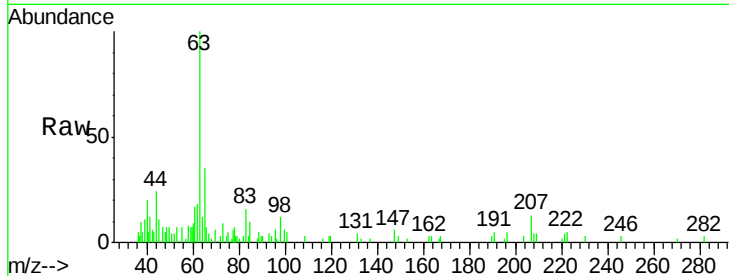
Tot Ion: 63 Resp: 5838

Ion Ratio Lower Upper

63 100

65 35.4 22.6 42.0

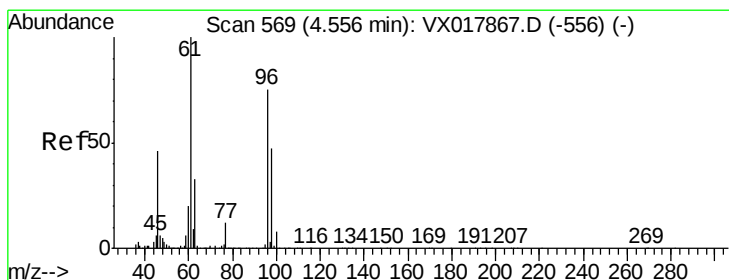
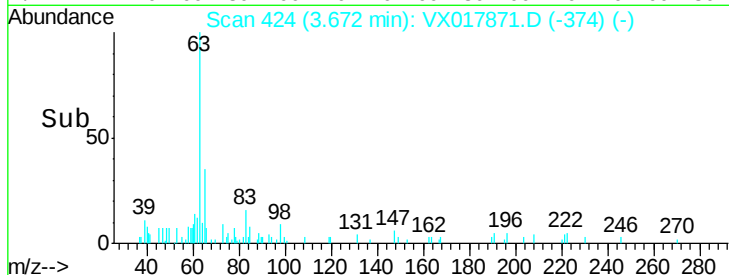
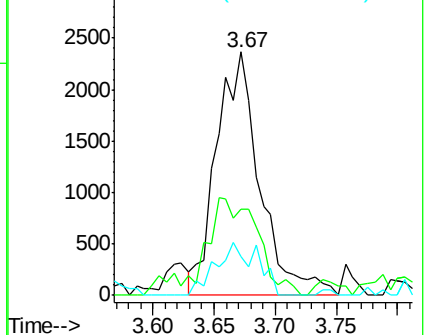
83 16.0 9.5 17.7



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



#22

cis-1,2-Dichloroethene

Concen: 102.916 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

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Acq: 13 Aug 2020 13:31

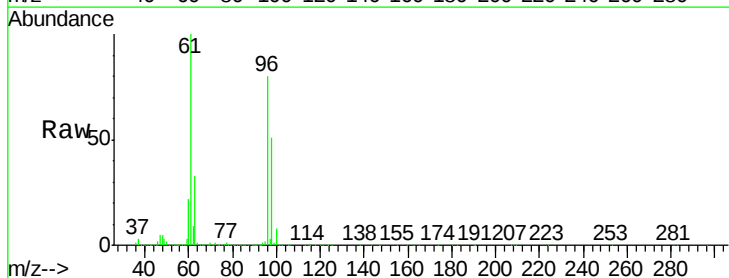
Tgt Ion: 96 Resp: 2598689

Ion Ratio Lower Upper

96 100

61 125.1 88.8 165.0

68 0.0 0.2 0.4#



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0

