

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO081320\
 Data File : VX017870.D
 Acq On : 13 Aug 2020 13:06
 Operator : JC/SP
 Sample : L3643-05
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0A6

Quant Time: Aug 14 07:52:39 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	278863	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	269304	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	111070	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	103195	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.69	69	77314	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.34	63	146065	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.53	46	199357	38.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.92%
24) Chloroform-d	5.14	84	168108	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	6.03	65	89247	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	6.04	84	299303	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	7.37	67	93972	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	8.70	98	268359	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
45) trans-1,3-Dichloropropene-	8.99	79	40858	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
48) 2-Hexanone-d5	9.43	63	164112	39.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.80%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	68848	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	107230	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

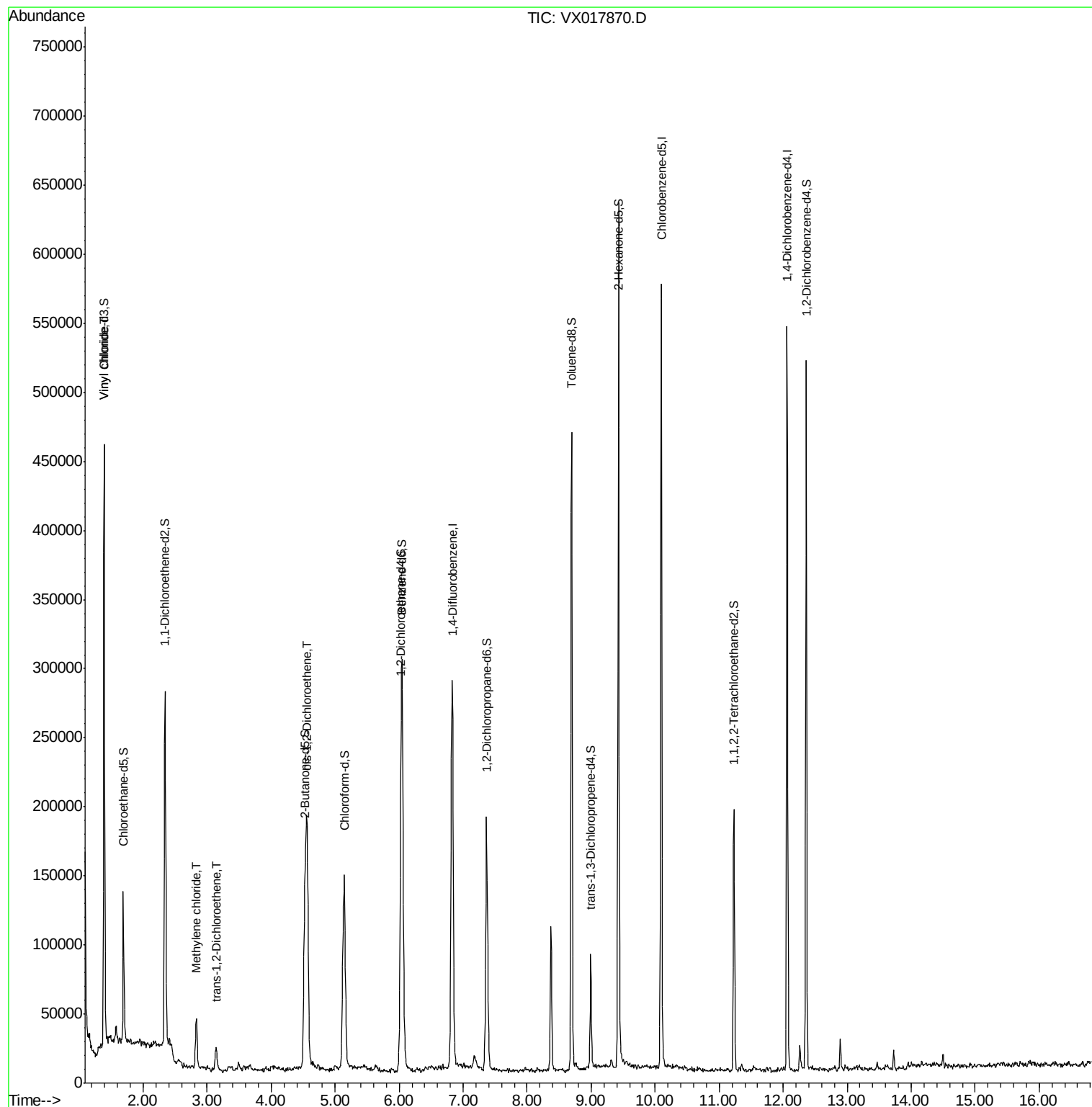
					Ovalue
5) Vinyl chloride	1.39	62	175542	6.684 ug/L	97
16) Methylene chloride	2.83	84	16609	0.563 ug/L	97
18) trans-1,2-Dichloroethene	3.14	96	7093	0.292 ug/L	75
22) cis-1,2-Dichloroethene	4.56	96	92220	3.624 ug/L	91

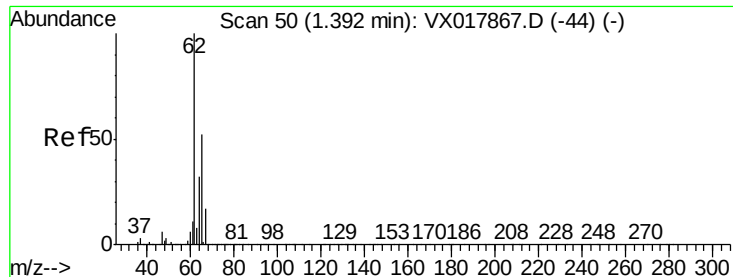
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.684 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

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Acq: 13 Aug 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

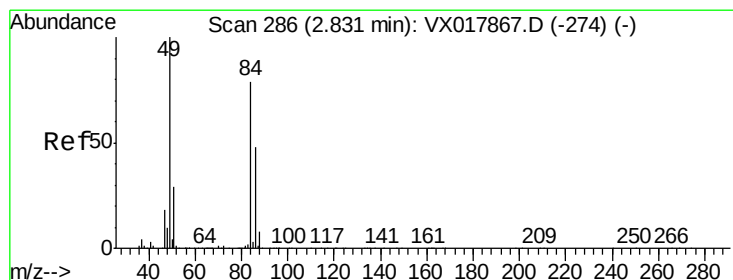
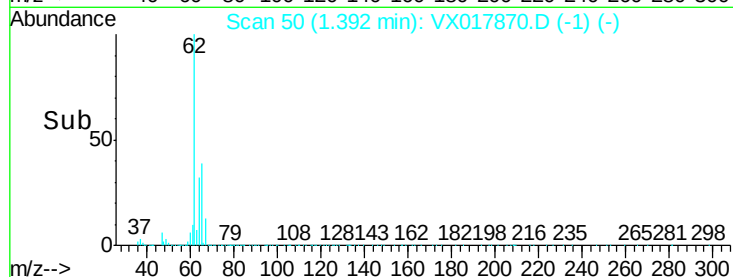
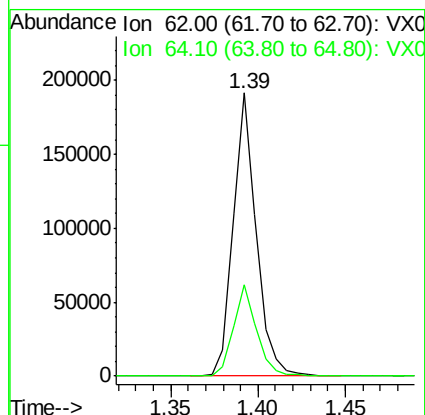
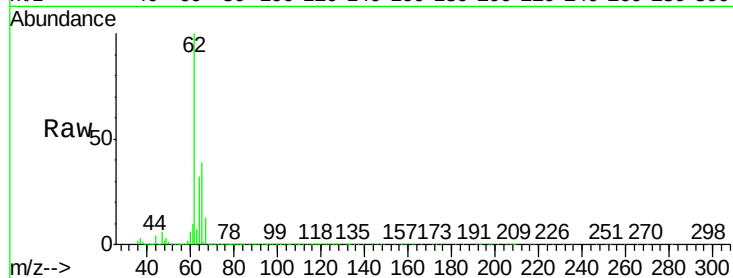
BG0A6

Tot Ion: 62 Resp: 175542

Ion Ratio Lower Upper

62 100

64 32.3 21.3 39.6



#16

Methylene chloride

Concen: 0.563 ug/L

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

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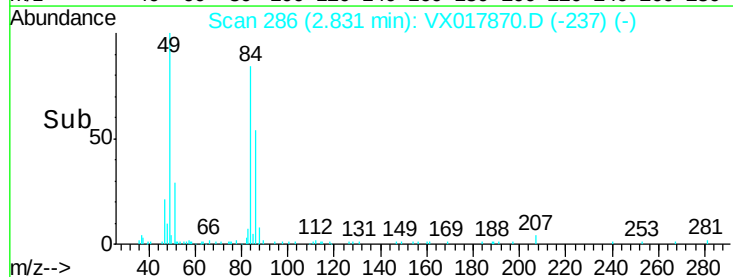
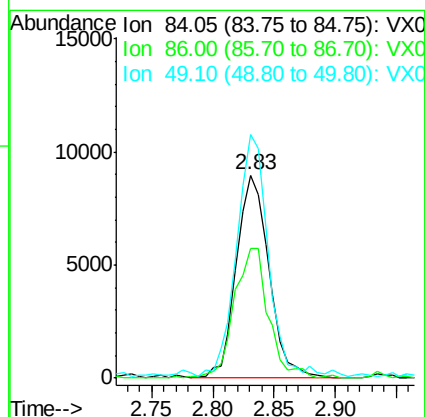
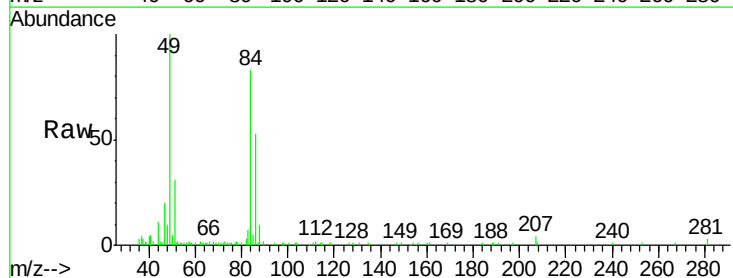
Tgt Ion: 84 Resp: 16609

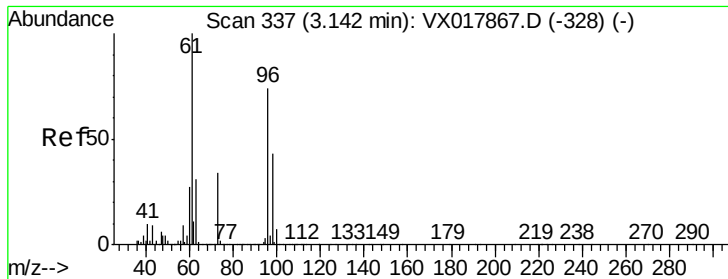
Ion Ratio Lower Upper

84 100

86 63.7 43.0 80.0

49 120.1 86.9 161.3





#18

trans-1,2-Dichloroethene

Concen: 0.292 ug/L

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017870.D

Acq: 13 Aug 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

BG0A6

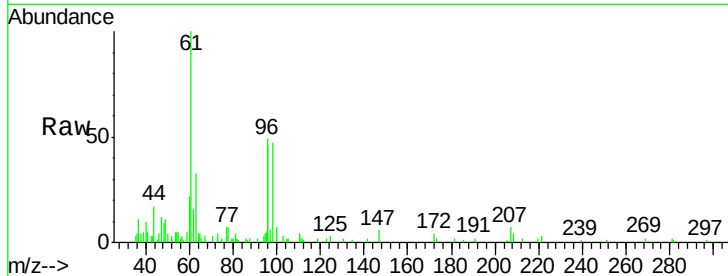
Tot Ion: 96 Resp: 7093

Ion Ratio Lower Upper

96 100

61 105.8 98.4 182.8

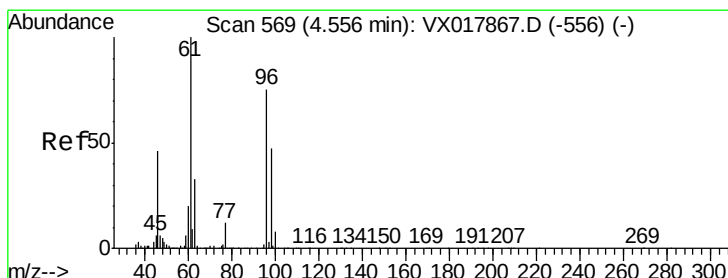
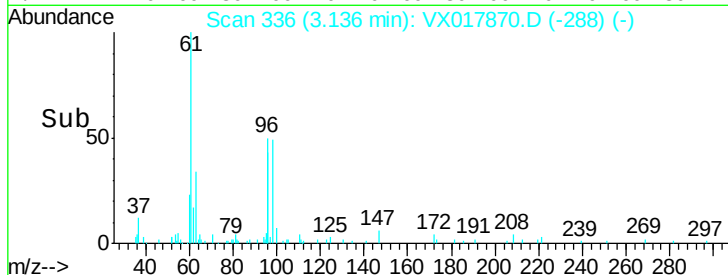
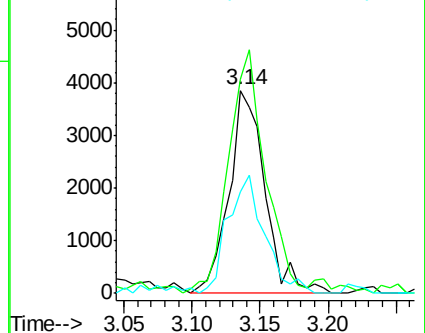
98 49.9 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0



#22

cis-1,2-Dichloroethene

Concen: 3.624 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX017870.D

Acq: 13 Aug 2020 13:06

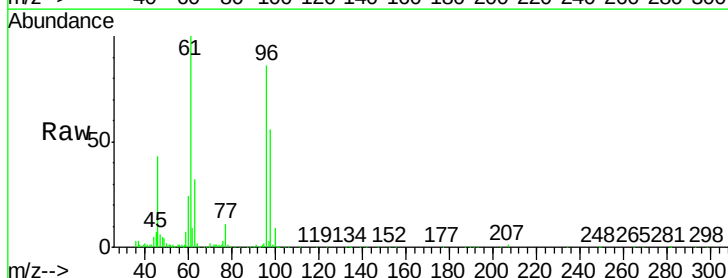
Tgt Ion: 96 Resp: 92220

Ion Ratio Lower Upper

96 100

61 116.0 88.8 165.0

68 0.2 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

