

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX081320\
 Data File : VX017878.D
 Acq On : 13 Aug 2020 16:24
 Operator : JC/SP
 Sample : L3643-02
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0A3

Quant Time: Aug 14 08:21:16 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	282880	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	256830	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	117090	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	109207	5.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.80%
7) Chloroethane-d5	1.69	69	88326	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.80%
11) 1,1-Dichloroethene-d2	2.34	63	161155	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.53	46	265982	51.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.48%
24) Chloroform-d	5.14	84	175825	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	6.04	65	110563	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	6.05	84	386694	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	7.37	67	121309	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	8.70	98	351188	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
45) trans-1,3-Dichloropropene-	8.99	79	49230	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
48) 2-Hexanone-d5	9.43	63	202703	51.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.34%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	79964	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	125678	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

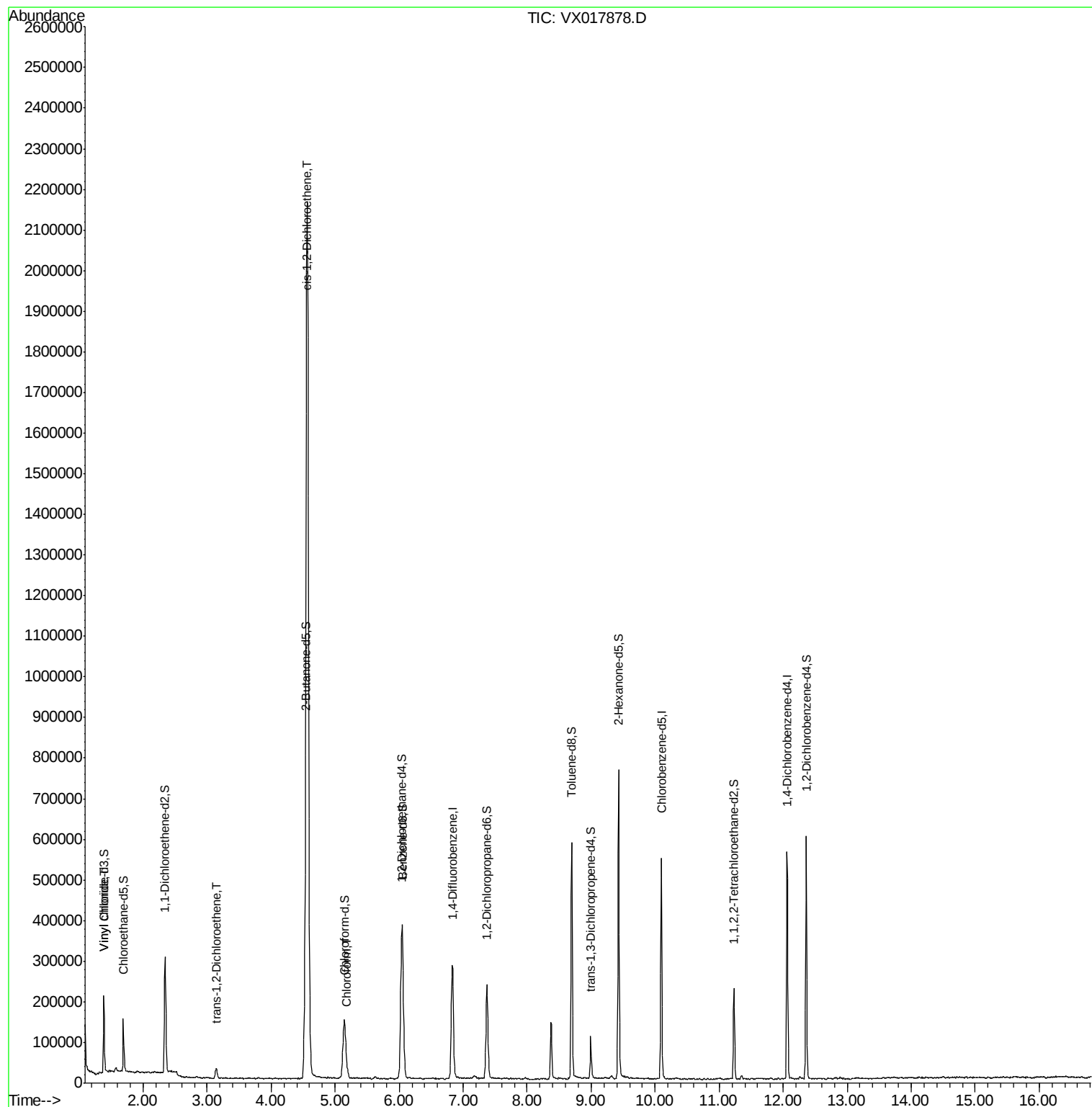
					Ovalue
5) Vinyl chloride	1.39	62	8538	0.320 ug/L #	82
18) trans-1,2-Dichloroethene	3.14	96	11227	0.456 ug/L	87
22) cis-1,2-Dichloroethene	4.56	96	1361009	52.719 ug/L #	96
25) Chloroform	5.18	83	27927	0.591 ug/L	89

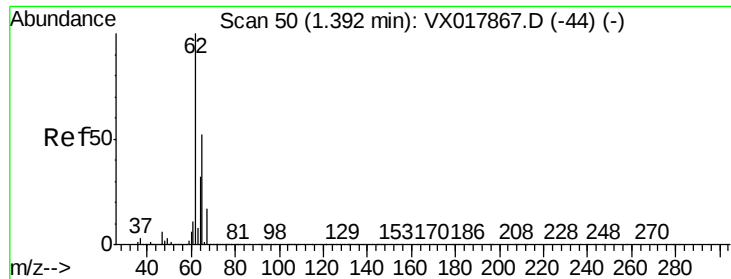
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.320 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017878.D

Acq: 13 Aug 2020 16:24

Instrument :

MSVOA_X

ClientSampleId :

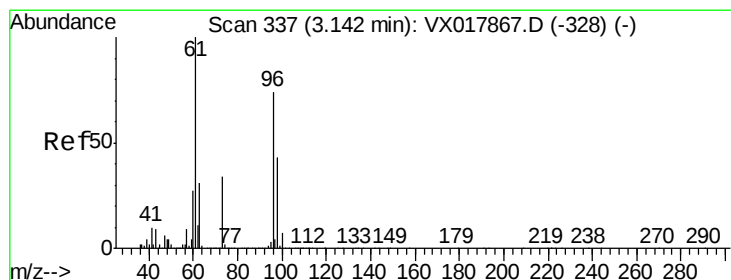
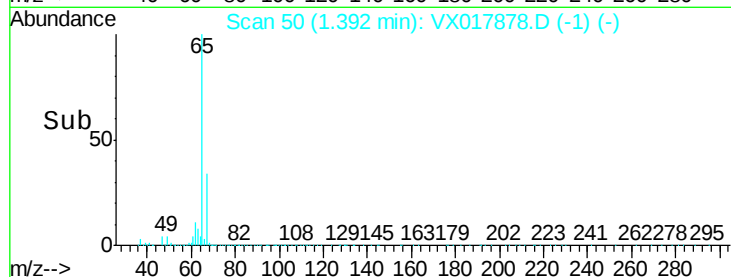
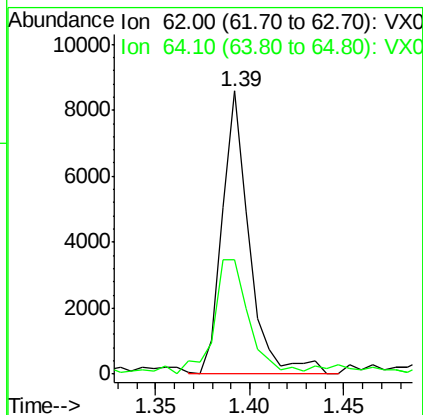
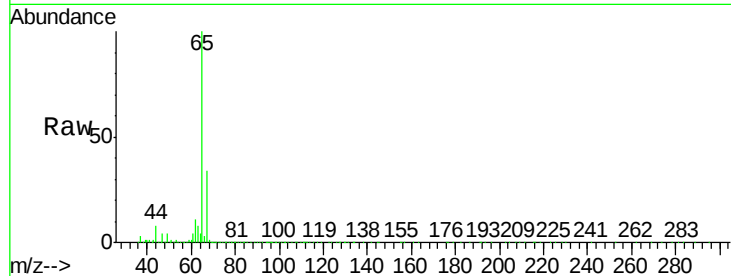
BG0A3

Tot Ion: 62 Resp: 8538

Ion Ratio Lower Upper

62 100

64 40.3 21.3 39.6#



#18

trans-1,2-Dichloroethene

Concen: 0.456 ug/L

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

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Acq: 13 Aug 2020 16:24

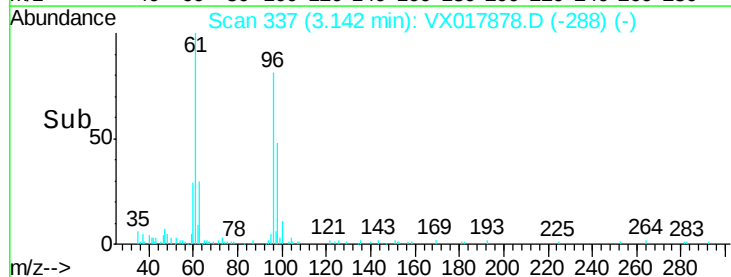
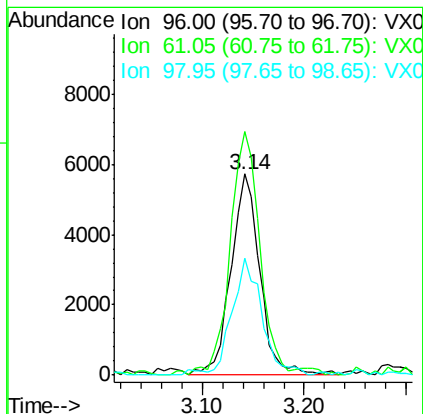
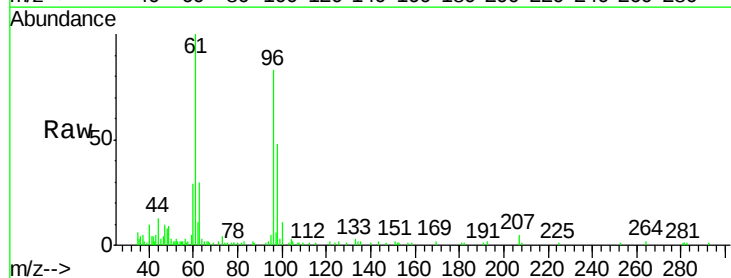
Tgt Ion: 96 Resp: 11227

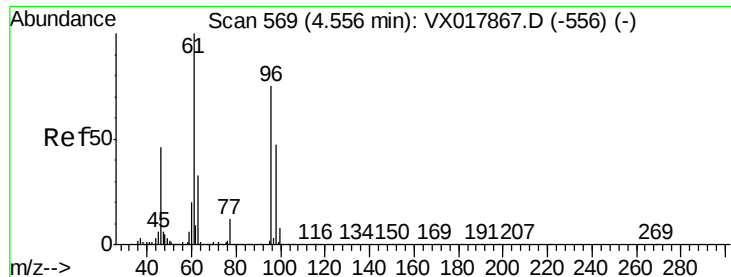
Ion Ratio Lower Upper

96 100

61 121.2 98.4 182.8

98 58.3 44.9 83.5



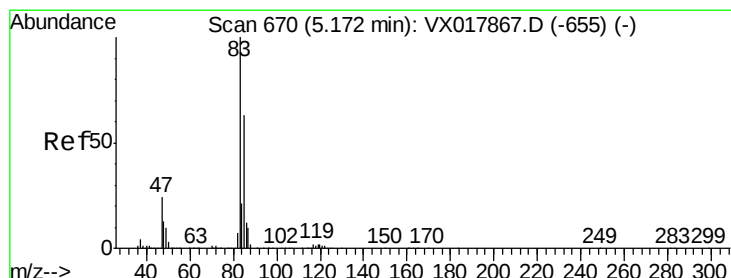
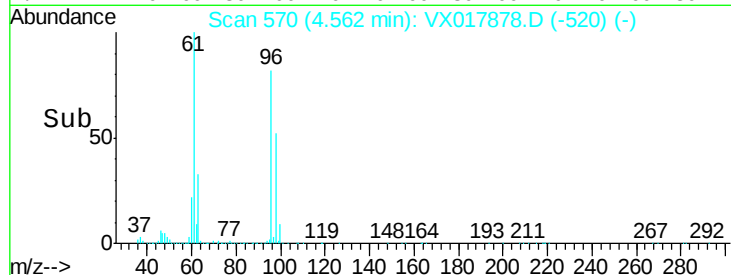
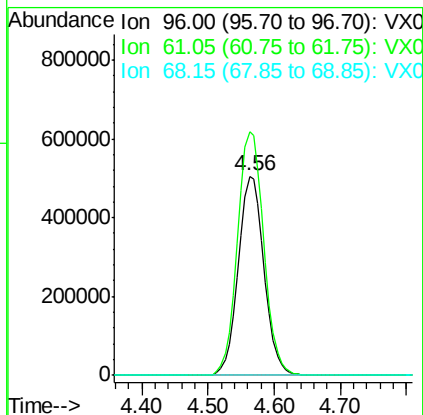
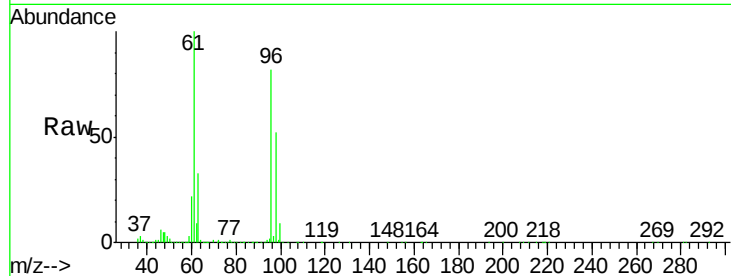


#22

cis-1,2-Dichloroethene
 Concen: 52.719 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
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 MSVOA_X
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 BG0A3

Tot Ion: 96 Resp: 1361009
 Ion Ratio Lower Upper
 96 100
 61 122.2 88.8 165.0
 68 0.0 0.2 0.4#



#25

Chloroform
 Concen: 0.591 ug/L
 RT: 5.18 min Scan# 671
 Delta R.T. 0.01 min
 Lab File: VX017878.D
 Acq: 13 Aug 2020 16:24

Tgt Ion: 83 Resp: 27927
 Ion Ratio Lower Upper
 83 100
 85 72.4 44.7 83.1

