

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081320\
 Data File : VX017879.D
 Acq On : 13 Aug 2020 16:49
 Operator : JC/SP
 Sample : L3643-03
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0A4

Manual Integrations
 APPROVED

MMDadoda
 8/14/2020 10:06:40 AM

Quant Time: Aug 14 08:26:56 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	280645	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	265243	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	118221	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	108950	5.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.40%
7) Chloroethane-d5	1.69	69	83676	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.34	63	156411	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.54	46	264415	51.34	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.68%
24) Chloroform-d	5.14	84	176181	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	6.03	65	111692	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	6.05	84	389869	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	7.37	67	122170	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	8.70	98	349030	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
45) trans-1,3-Dichloropropene-	8.99	79	48447	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
48) 2-Hexanone-d5	9.43	63	204132	50.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.78%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	89281	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	130356	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds					Ovalue
5) Vinyl chloride	1.39	62	8229m	0.311	ug/L
18) trans-1,2-Dichloroethene	3.14	96	12794	0.524	ug/L
22) cis-1,2-Dichloroethene	4.56	96	905310	35.347	ug/L #
25) Chloroform	5.18	83	32006	0.683	ug/L

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

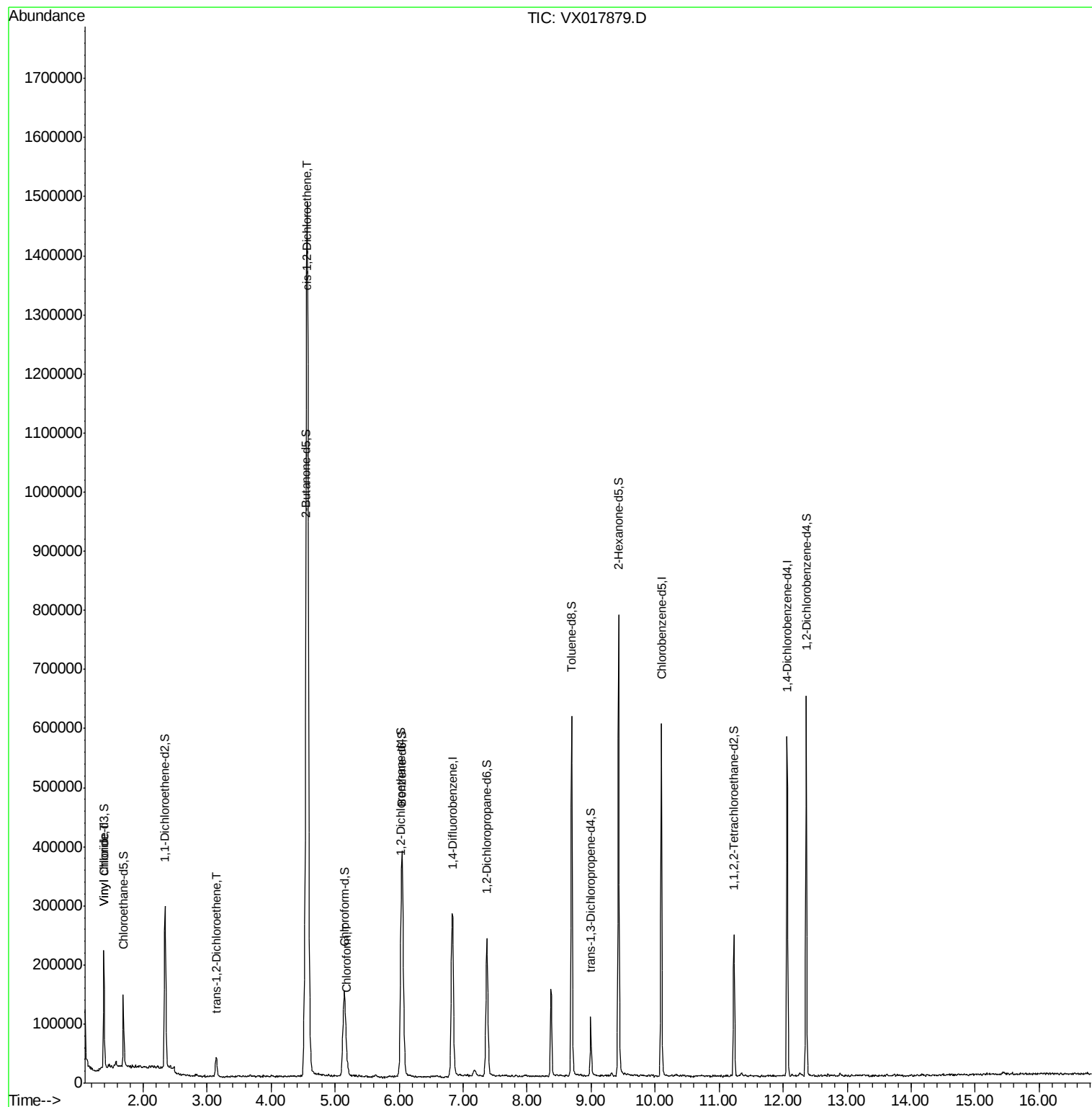
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081320\
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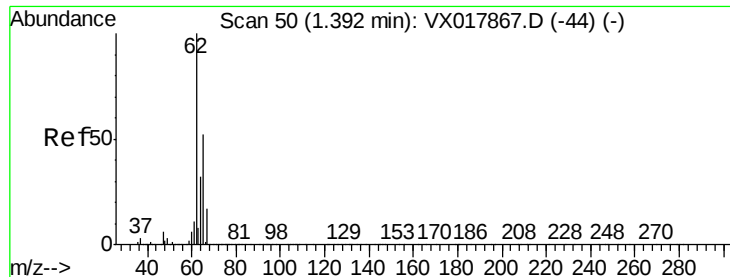
Instrument :
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QLast Update : Fri Aug 14 07:35:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.311 ug/L m

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017879.D

Acq: 13 Aug 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

BG0A4

Tot Ion: 62 Resp: 8229

Ion Ratio Lower Upper

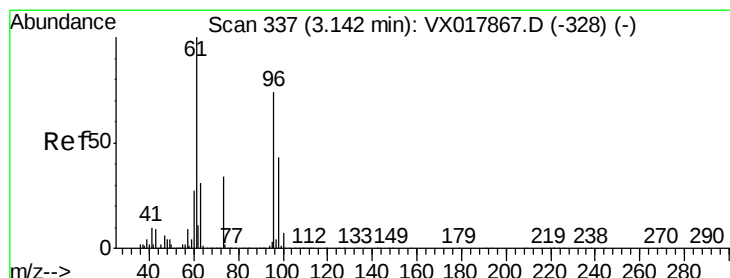
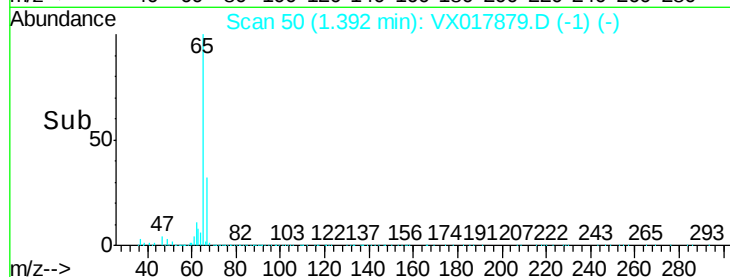
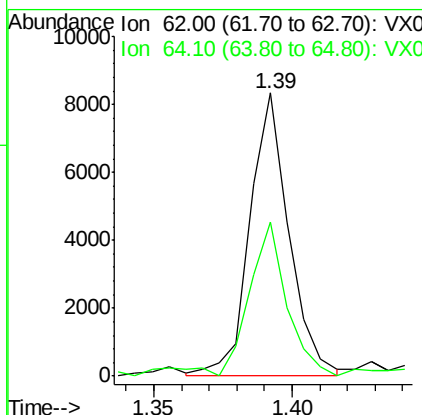
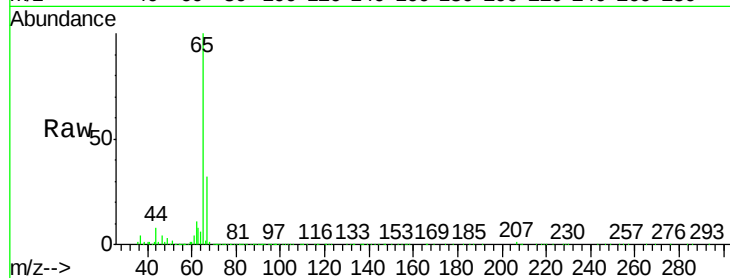
62 100

64 54.4 21.3 39.6#

Manual Integrations
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8/14/2020 10:06:40 AM



#18

trans-1,2-Dichloroethene

Concen: 0.524 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017879.D

Acq: 13 Aug 2020 16:49

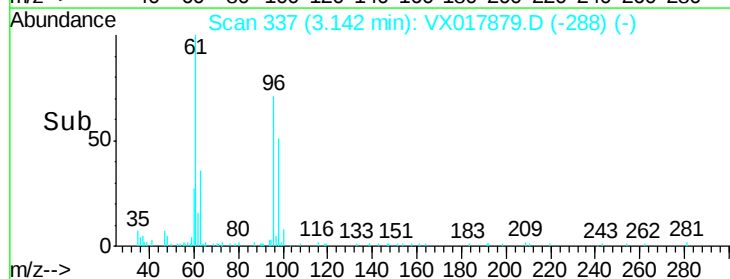
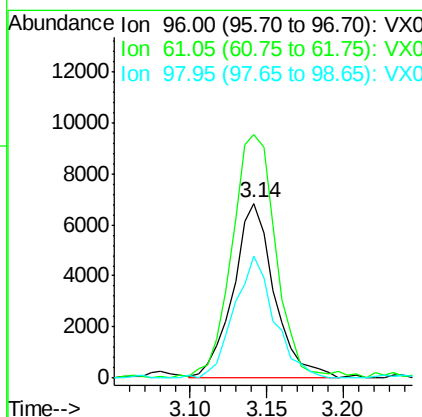
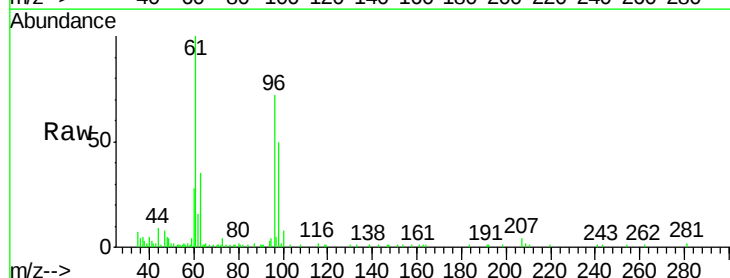
Tgt Ion: 96 Resp: 12794

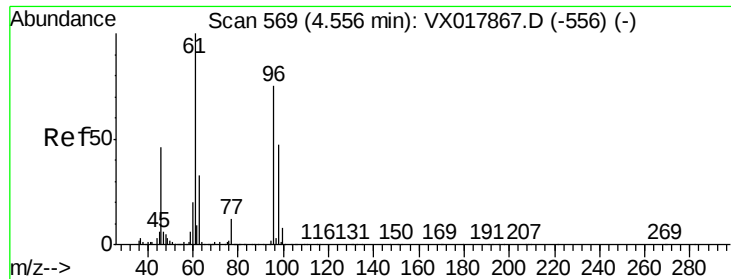
Ion Ratio Lower Upper

96 100

61 139.2 98.4 182.8

98 69.7 44.9 83.5





#22

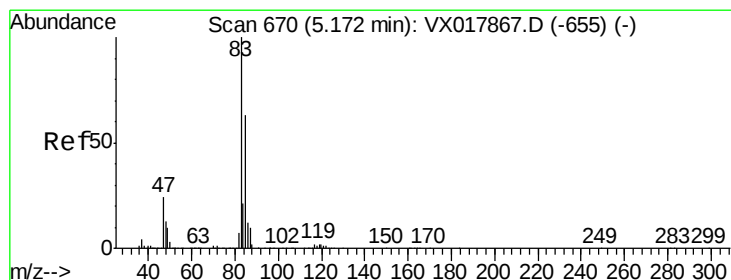
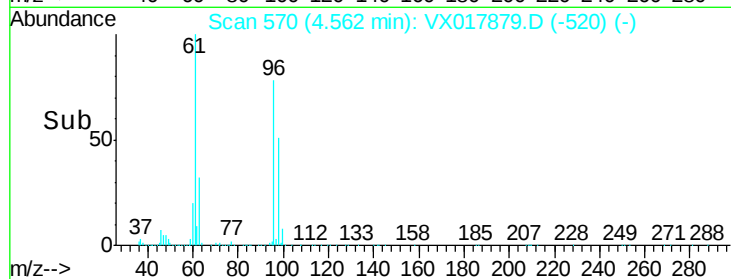
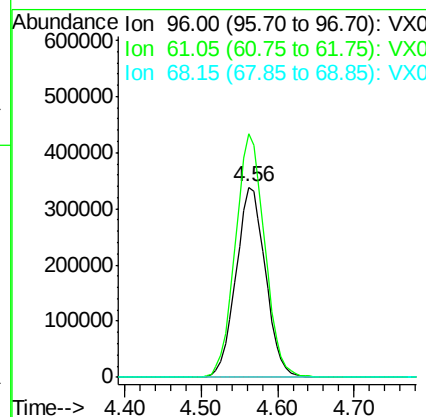
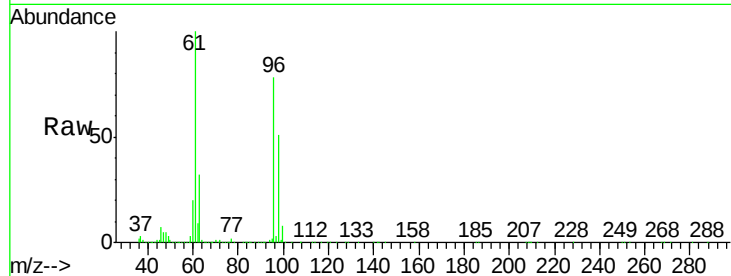
cis-1,2-Dichloroethene
Concen: 35.347 ug/L
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX017879.D
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Instrument :
MSVOA_X
ClientSampled :
BG0A4

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	128.0	88.8	165.0
68	0.1	0.2	0.4

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#25

Chloroform
Concen: 0.683 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX017879.D
Acq: 13 Aug 2020 16:49

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	60.7	44.7	83.1

