

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082219\
 Data File : VV012355.D
 Acq On : 22 Aug 2019 18:20
 Operator : SY/MD
 Sample : K4485-16
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B94

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 8:49:14 AM

Quant Time: Aug 28 08:52:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 06:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	190073	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	180762	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	85732	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101689	113.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	226.00%#
7) Chloroethane-d5	1.58	69	27806	43.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.13	63	63165	35.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.32%
21) 2-Butanone-d5	3.95	46	78983	112.60	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.60%
24) Chloroform-d	4.40	84	126312	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	5.08	65	91826	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
32) Benzene-d6	5.10	84	229462	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	62155	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.36%
41) Toluene-d8	7.36	98	222311	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%
43) trans-1,3-Dichloropropene-	7.66	79	36738	45.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.52%
47) 2-Hexanone-d5	8.13	63	47973	89.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.17%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	88255	47.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	93764	49.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	6932814	7552.120	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	454453	392.792	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	9820577	7627.760	ug/L	99
33) Benzene	5.14	78	6714m	1.474	ug/L	

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

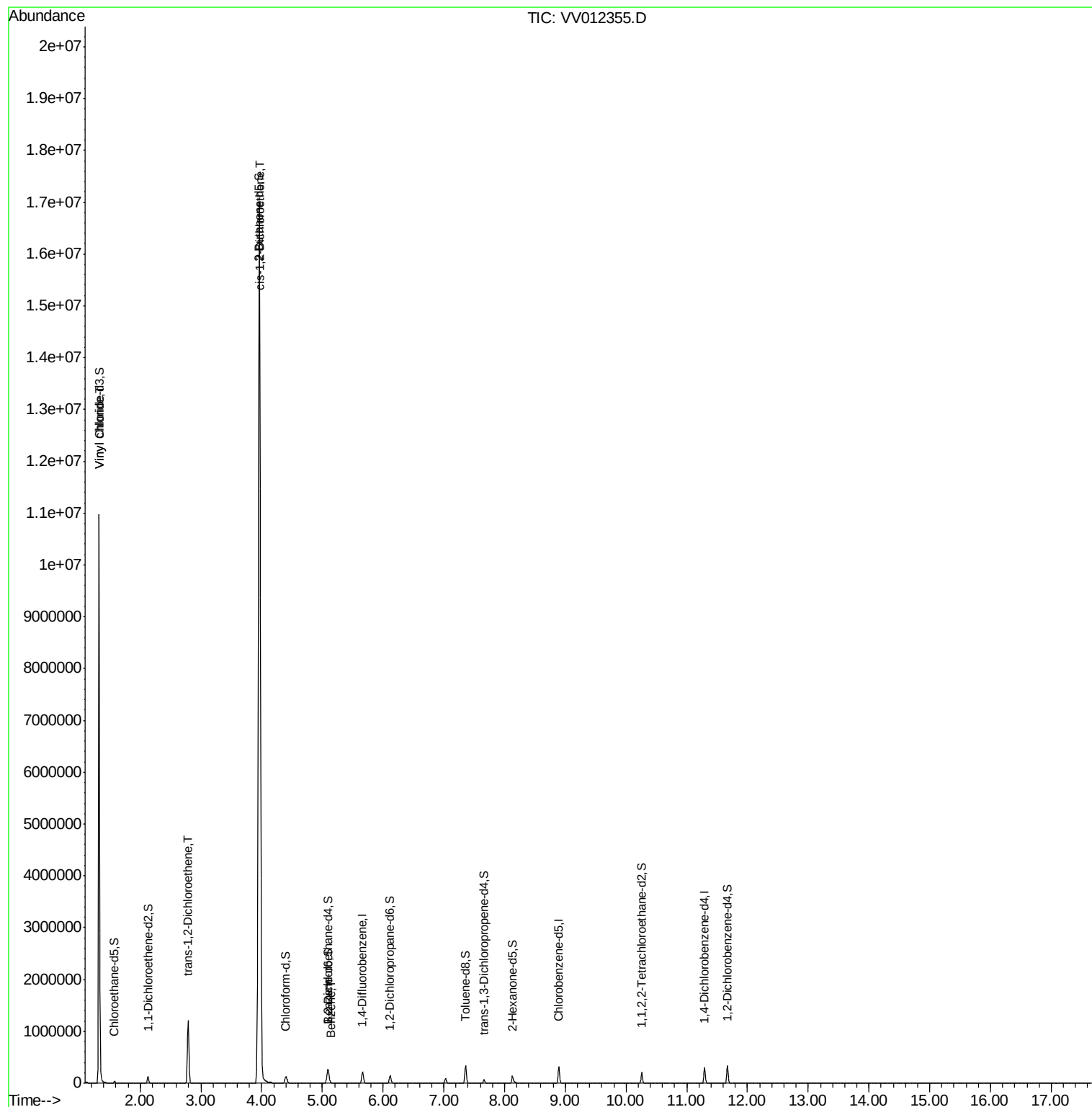
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082219\
Data File : VV012355.D
Acq On : 22 Aug 2019 18:20
Operator : SY/MD
Sample : K4485-16
Misc : 5mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

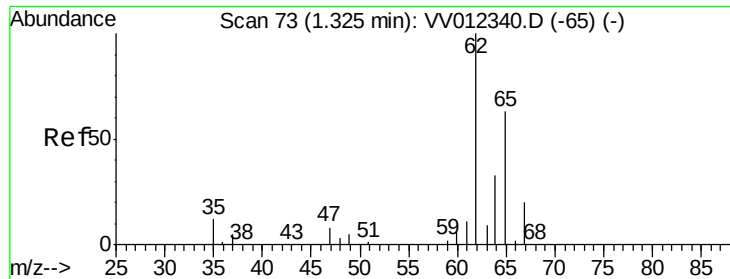
Instrument :
MSVOA_V
ClientSampleId :
F2B94

Manual Integrations
APPROVED

MMDadoda
8/23/2019 8:49:14 AM

Quant Time: Aug 28 08:52:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 06:55:48 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7552.120 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012355.D

Acq: 22 Aug 2019 18:20

Instrument :

MSVOA_V

ClientSampled :

F2B94

Tot Ion: 62 Resp: 6932814

Ion Ratio Lower Upper

62 100

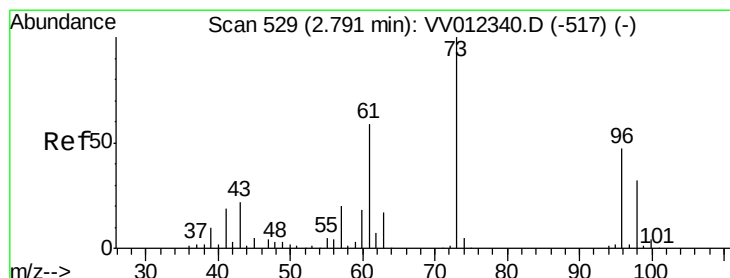
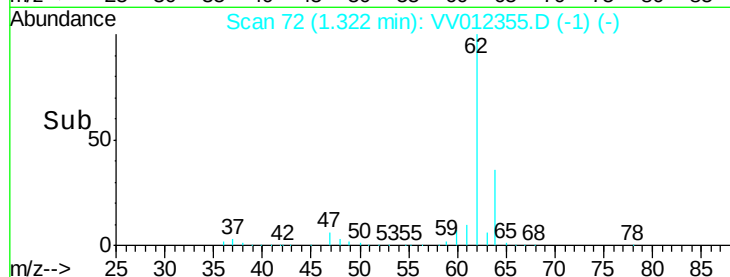
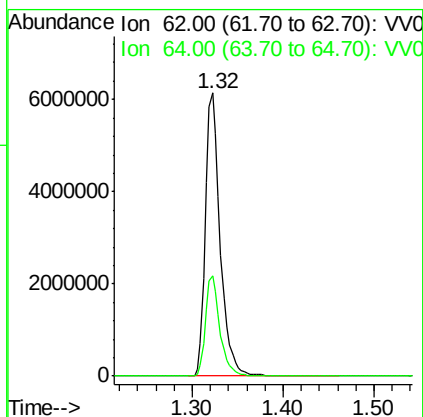
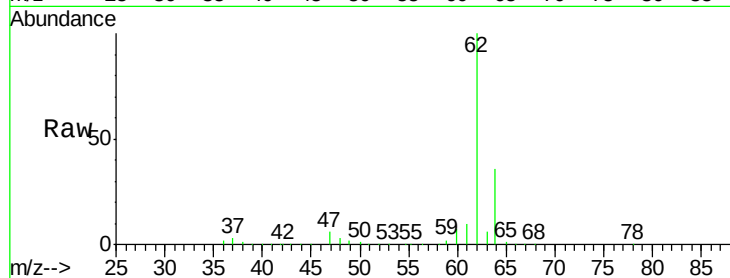
64 35.6 23.5 43.7

Manual Integrations

APPROVED

MMDadoda

8/23/2019 8:49:14 AM



#17

trans-1,2-Dichloroethene

Concen: 392.792 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV012355.D

Acq: 22 Aug 2019 18:20

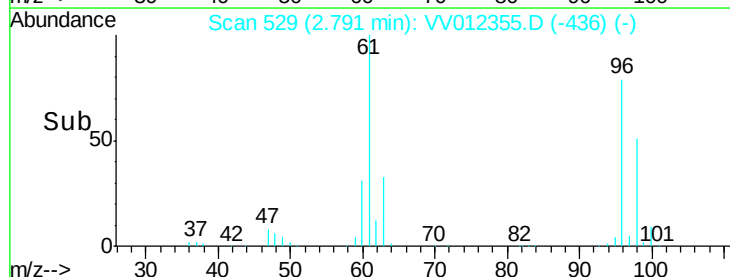
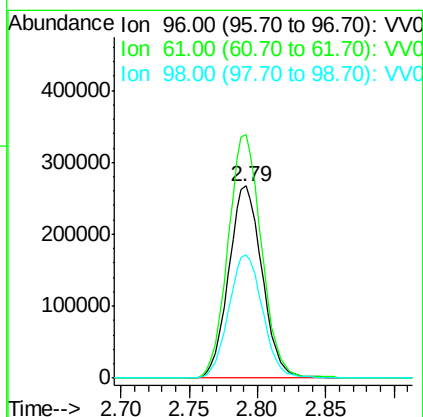
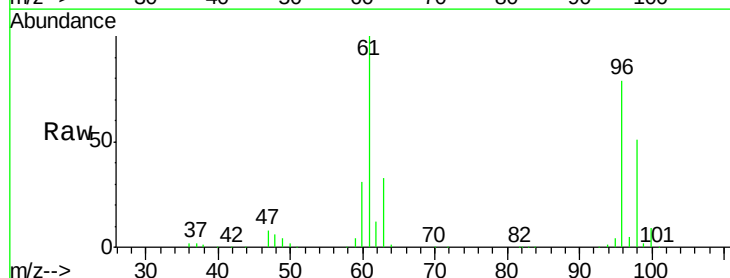
Tgt Ion: 96 Resp: 454453

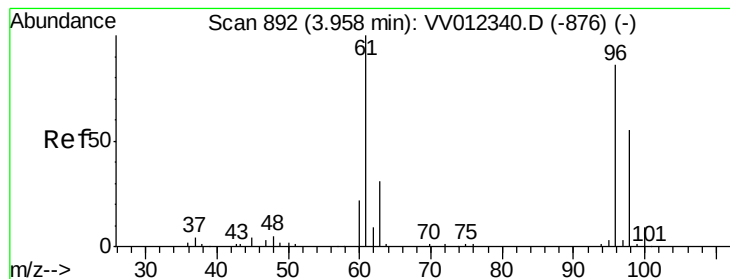
Ion Ratio Lower Upper

96 100

61 126.8 87.0 161.6

98 64.5 43.8 81.4





#20

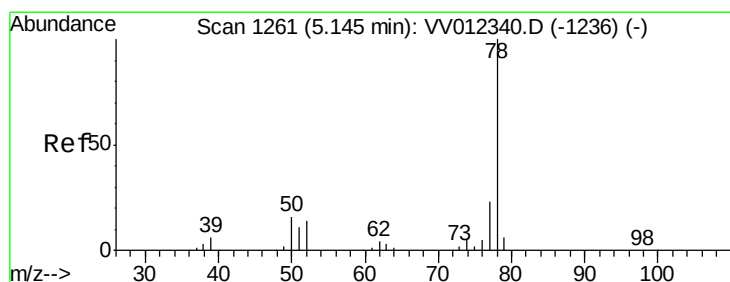
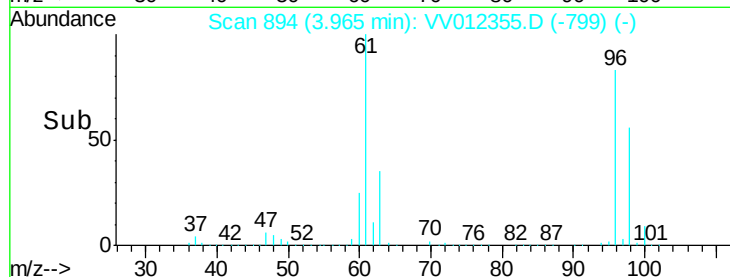
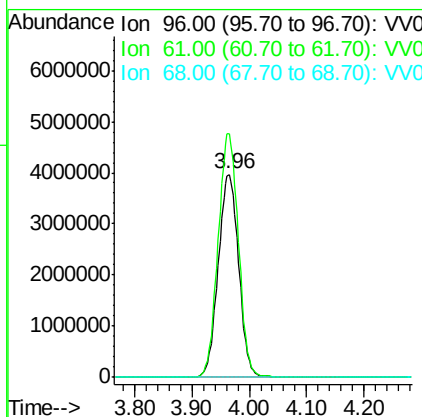
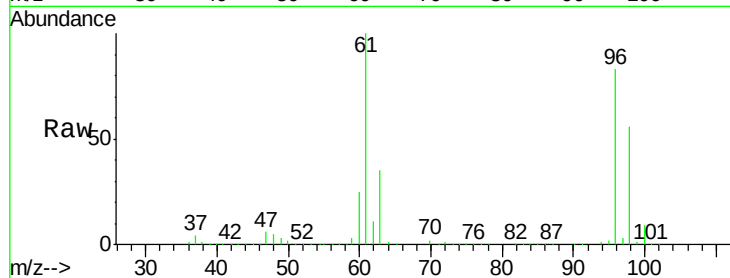
cis-1,2-Dichloroethene
Concen: 7627.760 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV012355.D
Acq: 22 Aug 2019 18:20

Instrument :
MSVOA_V
ClientSampleId :
F2B94

Tot Ion: 96 Resp: 9820577
Ion Ratio Lower Upper
96 100
61 119.8 84.4 156.7
68 0.0 0.0 0.0

Manual Integrations
APPROVED

MMDadoda
8/23/2019 8:49:14 AM



#33

Benzene
Concen: 1.474 ug/L m
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV012355.D
Acq: 22 Aug 2019 18:20

Tgt Ion: 78 Resp: 6714

