

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018878.D
 Acq On : 13 Oct 2020 15:23
 Operator : SY/MD
 Sample : L4289-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ0

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:18:18 PM

Quant Time: Oct 14 02:58:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 01:28:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	305315	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302500	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142589	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104644	37.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.44%
7) Chloroethane-d5	1.58	69	85018	38.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.14%
11) 1,1-Dichloroethene-d2	2.12	63	153197	28.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.28%#
21) 2-Butanone-d5	3.91	46	148989	87.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.47%
24) Chloroform-d	4.37	84	191415	39.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.22%
26) 1,2-Dichloroethane-d4	5.05	65	132095	39.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.62%
32) Benzene-d6	5.07	84	381305	39.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.34%
36) 1,2-Dichloropropane-d6	6.09	67	124368	39.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.36%
41) Toluene-d8	7.34	98	329227	38.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.20%#
43) trans-1,3-Dichloropropene-	7.64	79	54530	35.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.28%
47) 2-Hexanone-d5	8.11	63	78094	70.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.19%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	140567	38.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	134433	42.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	94626	35.102	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	4123	1.849	ug/L 93
20) cis-1,2-Dichloroethene	3.94	96	214577	91.028	ug/L 99
34) Trichloroethene	5.94	95	3264m	1.182	ug/L

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

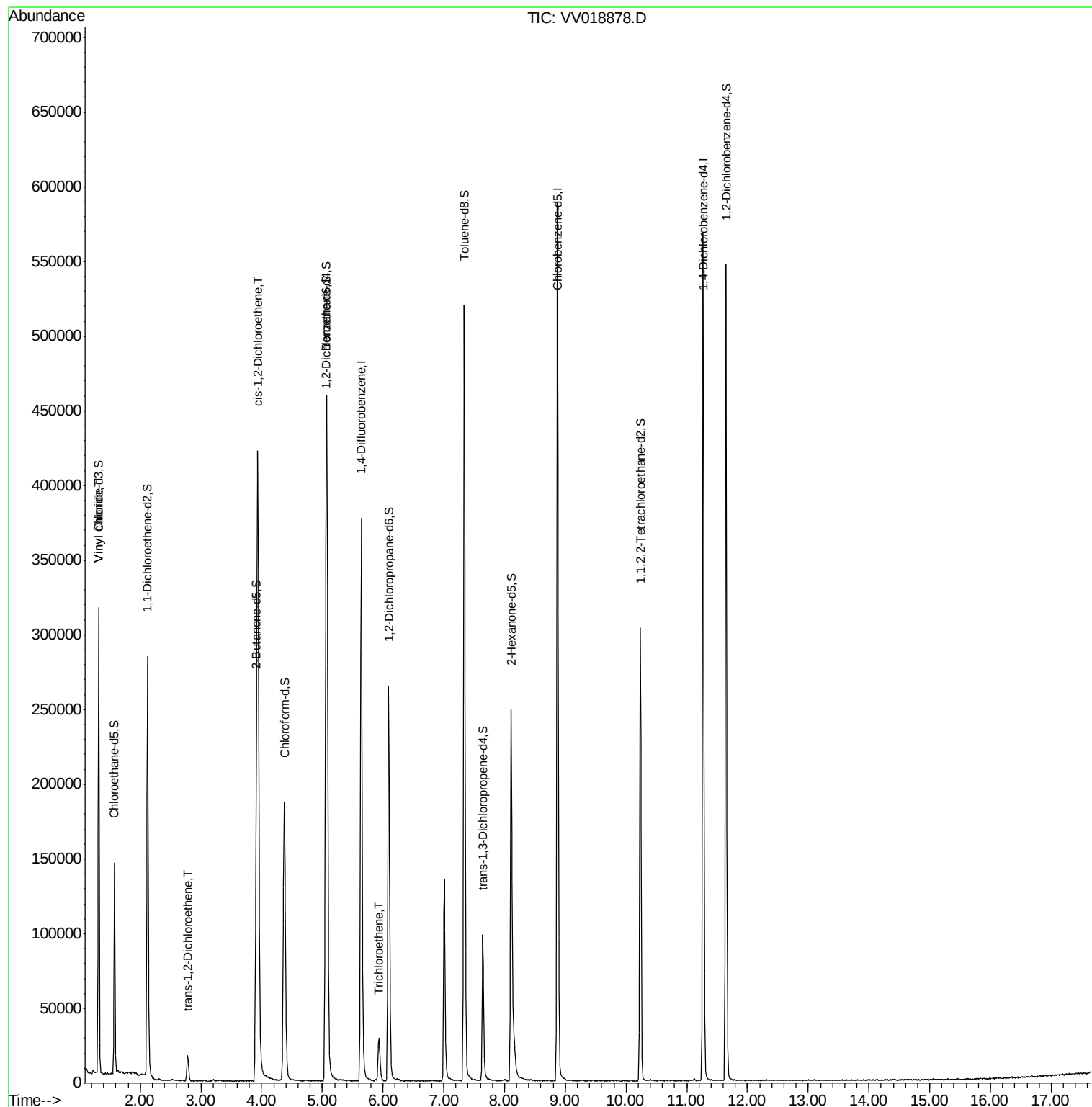
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101320\
Data File : VV018878.D
Acq On : 13 Oct 2020 15:23
Operator : SY/MD
Sample : L4289-10
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

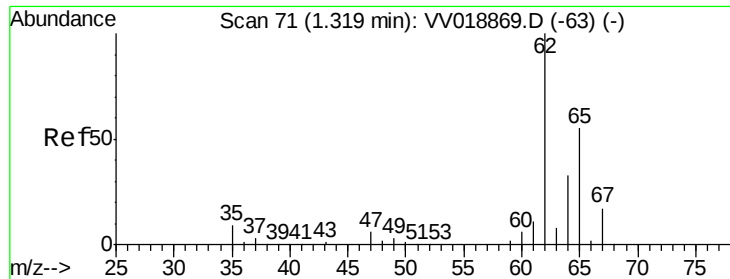
Instrument :
MSVOA_V
ClientSampleId :
C0AJ0

Manual Integrations
APPROVED

MMDadoda
10/15/2020 12:18:18 PM

Quant Time: Oct 14 02:58:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 14 01:28:12 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 35.102 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018878.D

Acq: 13 Oct 2020 15:23

Instrument :

MSVOA_V

ClientSampleId :

C0AJ0

Tot Ion: 62 Resp: 94626

Ion Ratio Lower Upper

62 100

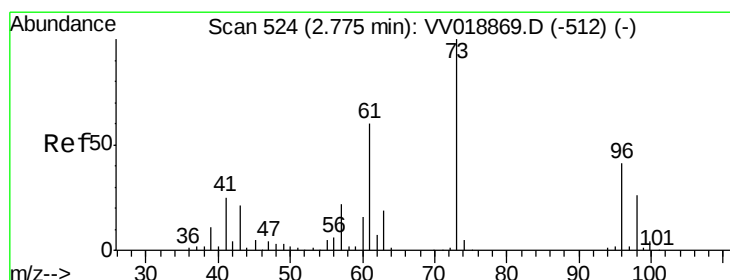
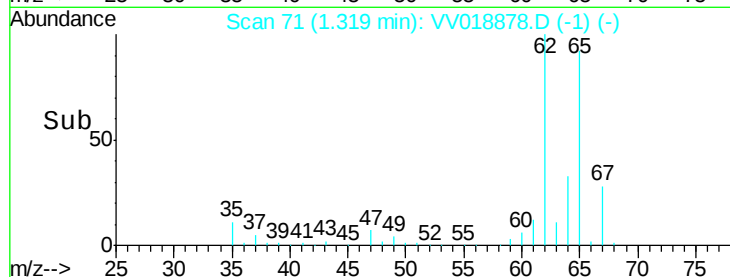
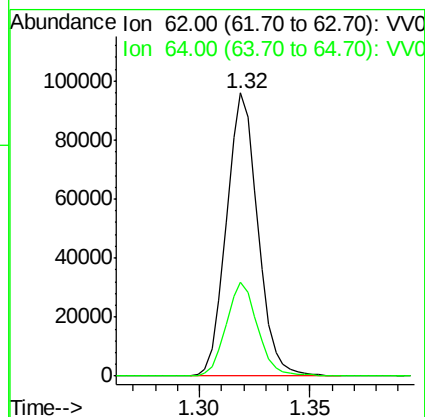
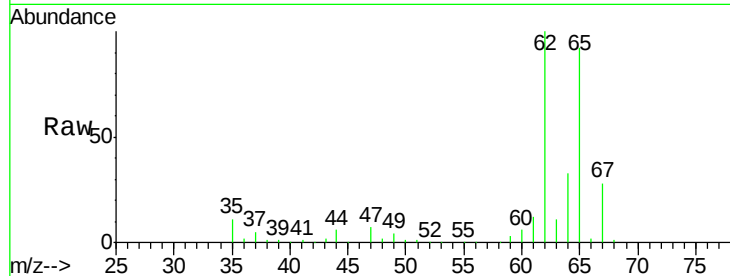
64 33.0 23.2 43.0

Manual Integrations

APPROVED

MMDadoda

10/15/2020 12:18:18 PM



#17

trans-1,2-Dichloroethene

Concen: 1.849 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV018878.D

Acq: 13 Oct 2020 15:23

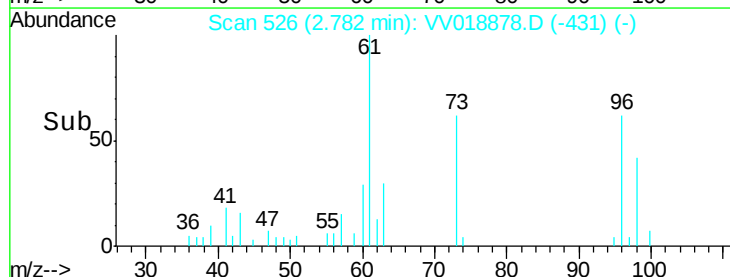
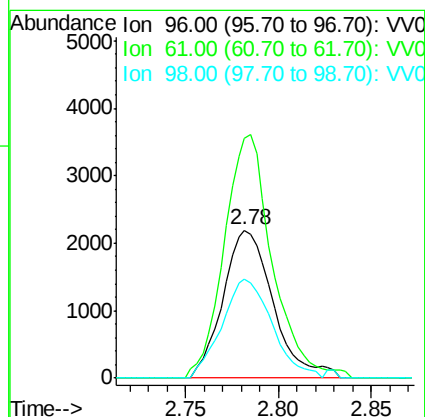
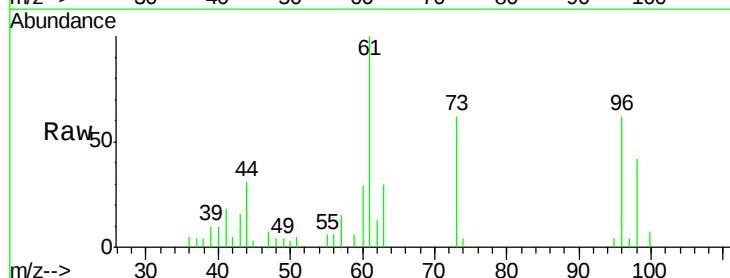
Tgt Ion: 96 Resp: 4123

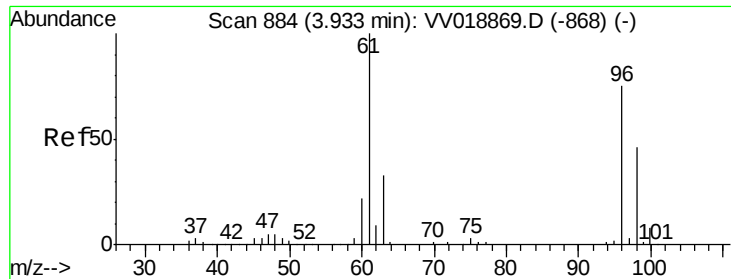
Ion Ratio Lower Upper

96 100

61 162.0 105.7 196.3

98 67.3 44.7 83.1





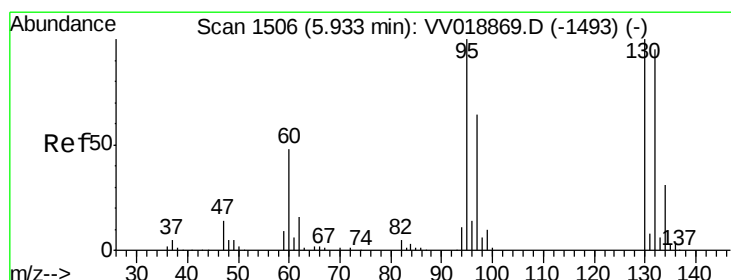
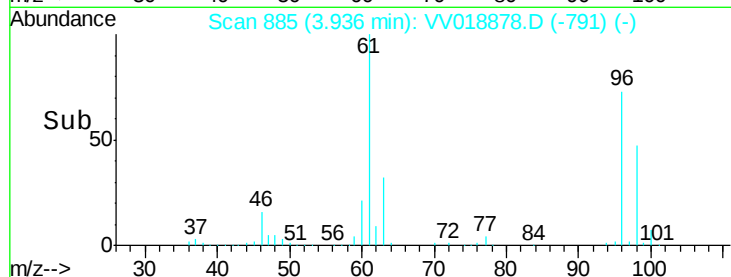
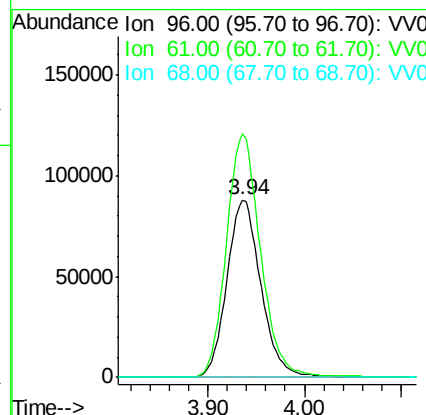
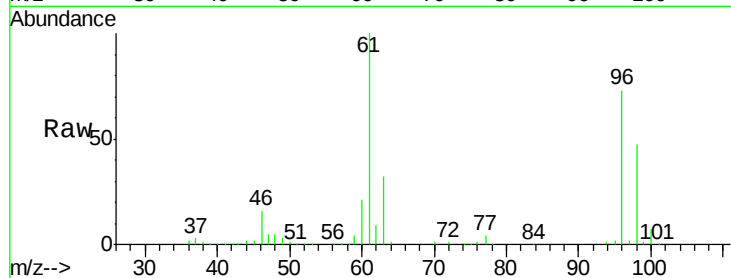
#20
 cis-1,2-Dichloroethene
 Concen: 91.028 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV018878.D
 Acq: 13 Oct 2020 15:23

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ0

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.4	97.3	180.7
68	0.0	0.0	0.0

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:18:18 PM



#34
 Trichloroethene
 Concen: 1.182 ug/L m
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018878.D
 Acq: 13 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
95	100		
97	54.8	45.1	83.9
132	85.7	66.2	123.0
130	89.4	69.1	128.3

