

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012944.D
 Acq On : 23 Sep 2019 18:44
 Operator : SY/MD
 Sample : K4958-10
 Misc : 5.72G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ2

Quant Time: Sep 24 08:07:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 07:38:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	687465	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	655021	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	269916	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	246626	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.48%
7) Chloroethane-d5	1.58	69	219503	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.80%
10) 1,1-Dichloroethene-d2	2.13	63	313254	17.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.64%
20) 2-Butanone-d5	3.93	46	150113	40.76	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.52%
24) Chloroform-d	4.40	84	470422	24.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	5.08	65	273464	24.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.64%
29) Benzene-d6	5.10	84	968352	26.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.92%
33) 1,2-Dichloropropane-d6	6.12	67	311986	27.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.88%
37) Toluene-d8	7.36	98	821945	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.04%
38) trans-1,3-Dichloropropene-	7.66	79	115414	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.12%
39) 2-Hexanone-d5	8.13	63	91039	39.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	236597	21.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	281686	26.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.44%

Target Compounds

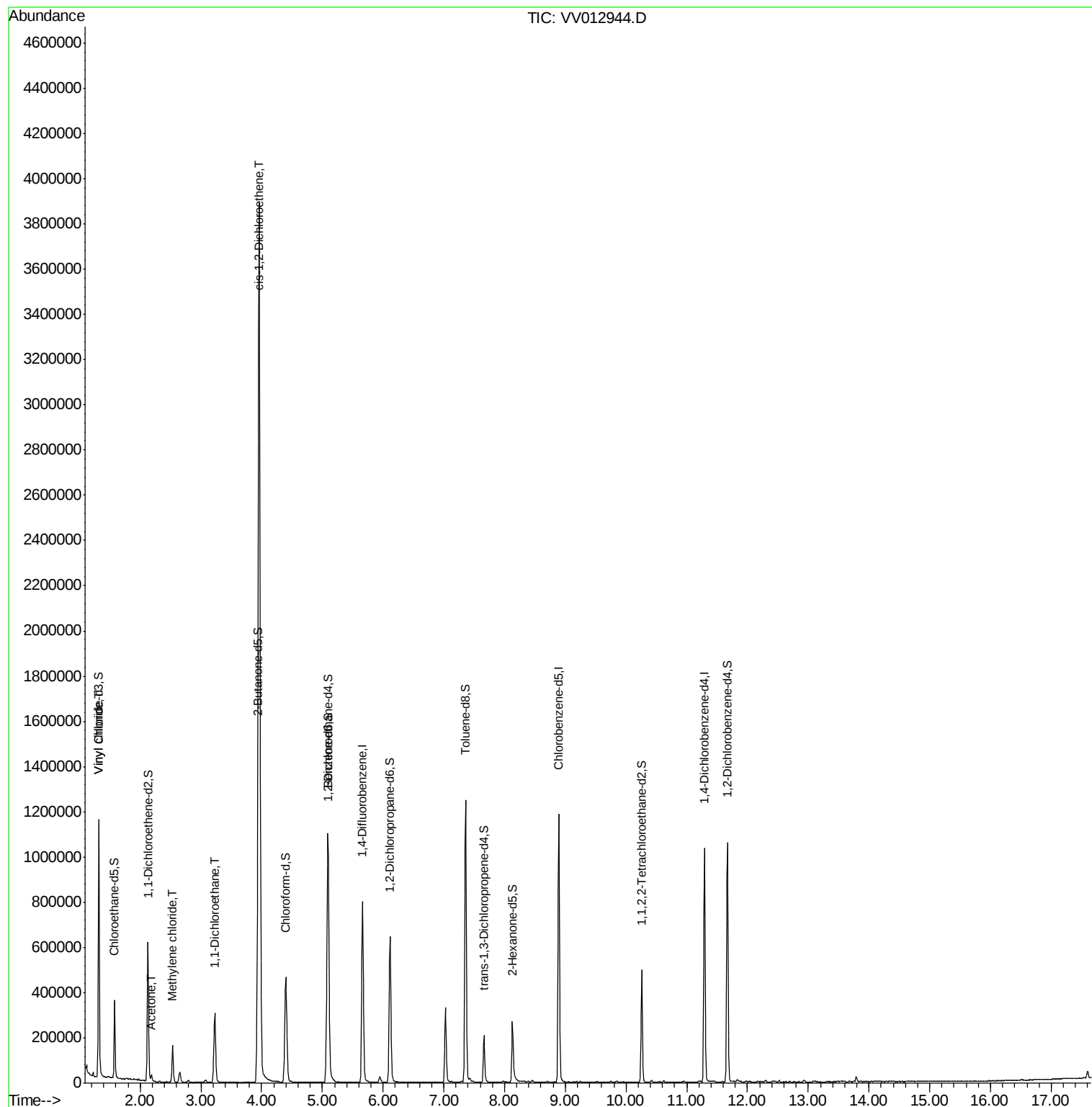
					Ovalue
5) Vinyl chloride	1.32	62	520630	53.336	ug/L 100
13) Acetone	2.19	43	26572	6.788	ug/L 96
16) Methylene chloride	2.53	84	61966	6.030	ug/L 98
19) 1,1-Dichloroethane	3.23	63	314318	18.725	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	2140160	212.586	ug/L 97

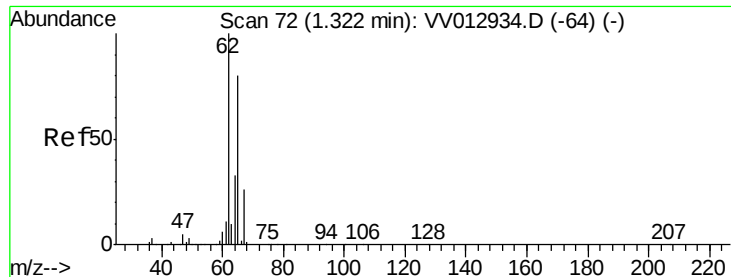
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092319\
Data File : VV012944.D
Acq On : 23 Sep 2019 18:44
Operator : SY/MD
Sample : K4958-10
Misc : 5.72G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESNZ2

Quant Time: Sep 24 08:07:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 53.336 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012944.D

Acq: 23 Sep 2019 18:44

Instrument :

MSVOA_V

ClientSampled :

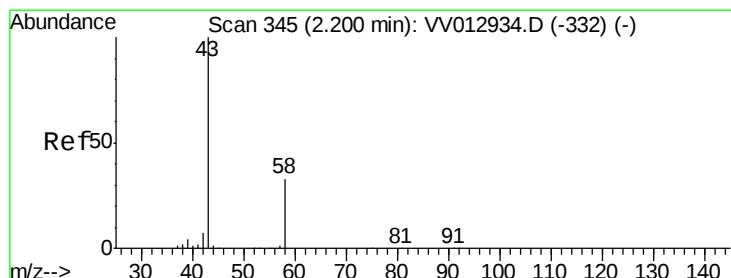
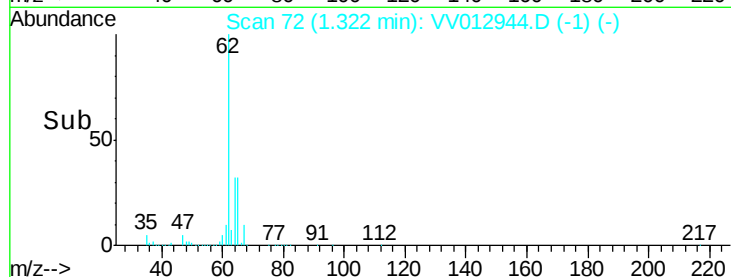
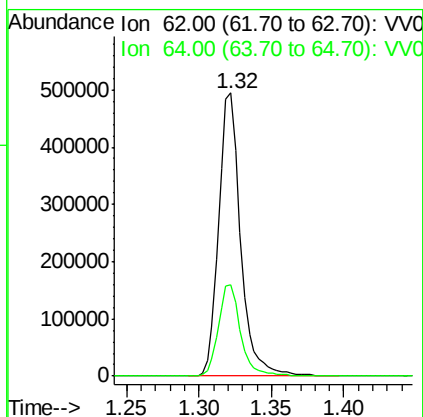
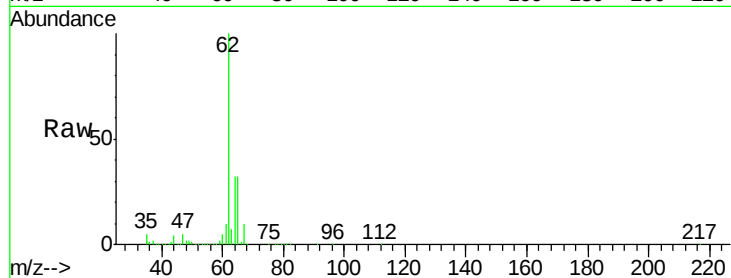
ESNZ2

Tot Ion: 62 Resp: 520630

Ion Ratio Lower Upper

62 100

64 32.5 22.7 42.1



#13

Acetone

Concen: 6.788 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV012944.D

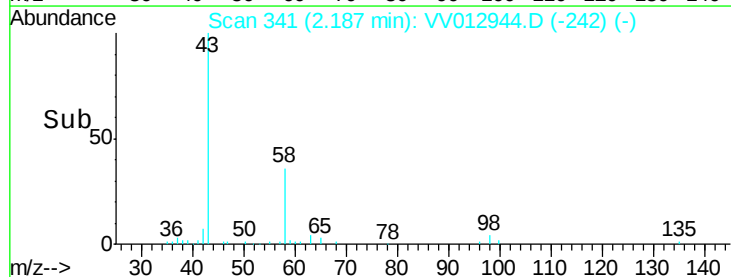
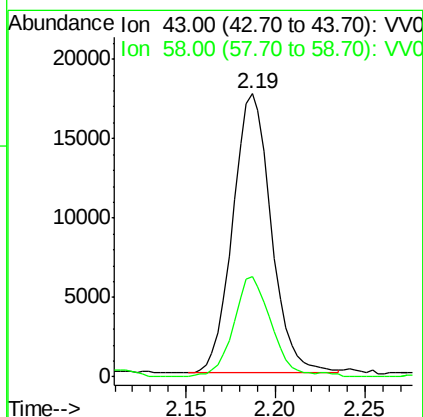
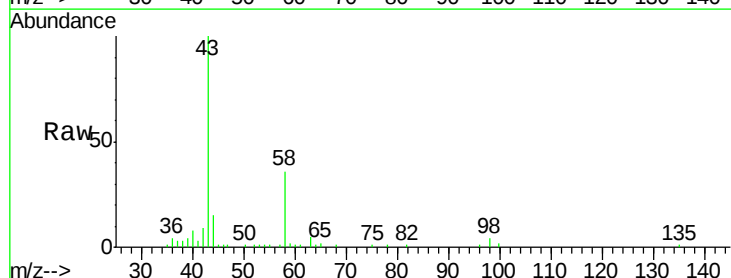
Acq: 23 Sep 2019 18:44

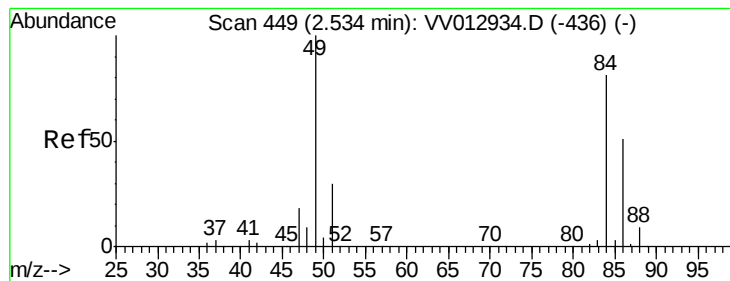
Tgt Ion: 43 Resp: 26572

Ion Ratio Lower Upper

43 100

58 35.0 0.0 65.0





#16

Methvlene chloride

Concen: 6.030 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV012944.D

Acq: 23 Sep 2019 18:44

Instrument :

MSVOA_V

ClientSampleId :

ESNZ2

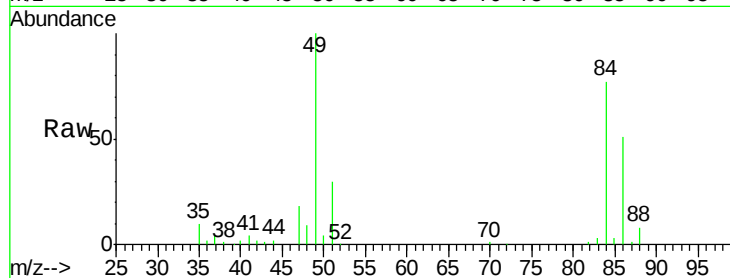
Tot Ion: 84 Resp: 61966

Ion Ratio Lower Upper

84 100

49 129.2 88.3 164.1

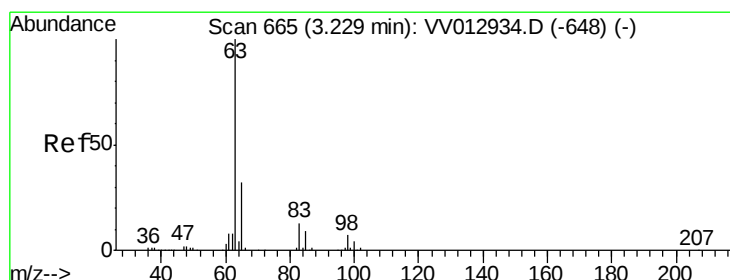
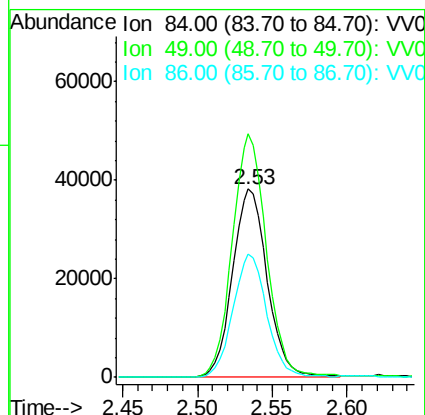
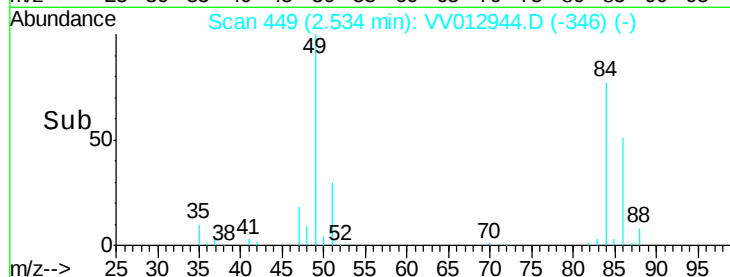
86 65.4 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0



#19

1,1-Dichloroethane

Concen: 18.725 ug/L

RT: 3.23 min Scan# 665

Delta R.T. -0.00 min

Lab File: VV012944.D

Acq: 23 Sep 2019 18:44

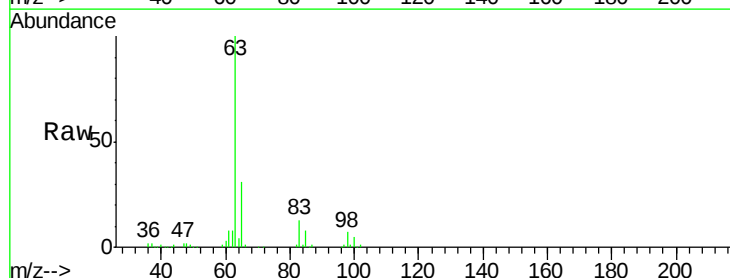
Tgt Ion: 63 Resp: 314318

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

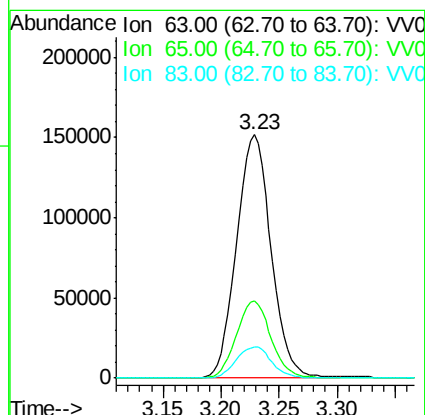
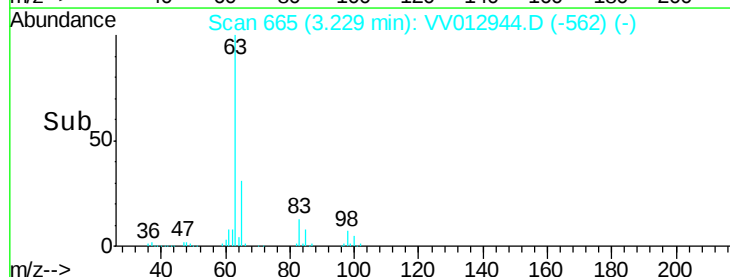
83 12.8 9.2 17.0

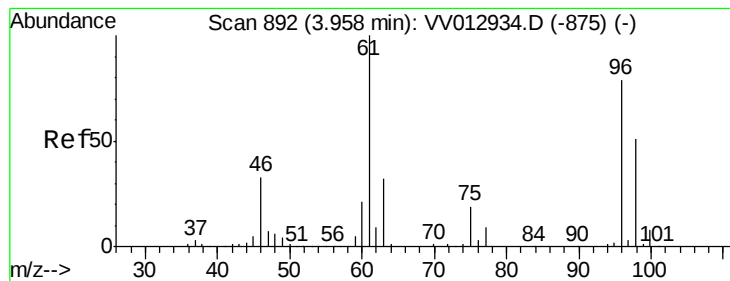


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



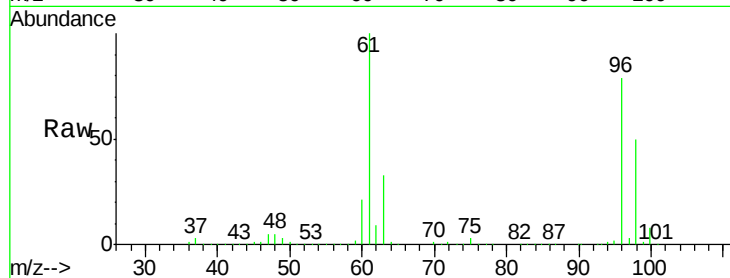


#22

cis-1,2-Dichloroethene
 Concen: 212.586 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV012944.D
 Acq: 23 Sep 2019 18:44

Instrument :
 MSVOA_V
 ClientSampleID :
 ESNZ2

Tot Ion: 96 Resp: 2140160
 Ion Ratio Lower Upper
 96 100
 61 126.7 90.9 168.7
 98 63.3 45.6 84.6



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

