

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017836.D
 Acq On : 07 Aug 2020 13:43
 Operator : SY/MD
 Sample : L3590-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L53

Manual Integrations
 APPROVED

sam
 8/10/2020 8:29:41 AM

Quant Time: Aug 08 01:15:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	215564	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	212771	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120755	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41739	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.42%
7) Chloroethane-d5	1.58	69	39798	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.68%
11) 1,1-Dichloroethene-d2	2.12	63	84059	33.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.56%
21) 2-Butanone-d5	3.91	46	74323	94.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.03%
24) Chloroform-d	4.38	84	140996	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	5.05	65	112202	53.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.94%
32) Benzene-d6	5.07	84	234076	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.09	67	62076	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.30%
41) Toluene-d8	7.34	98	236168	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%
43) trans-1,3-Dichloropropene-	7.64	79	22811	24.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.66%#
47) 2-Hexanone-d5	8.11	63	53311	89.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98929	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	127809	53.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.84%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	15317	10.016	ug/L # 1
13) Acetone	2.19	43	3437	3.424	ug/L 90
17) trans-1,2-Dichloroethene	2.78	96	4393m	3.003	ug/L
20) cis-1,2-Dichloroethene	3.94	96	8048m	5.151	ug/L
34) Trichloroethene	5.94	95	1904	1.161	ug/L 89

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

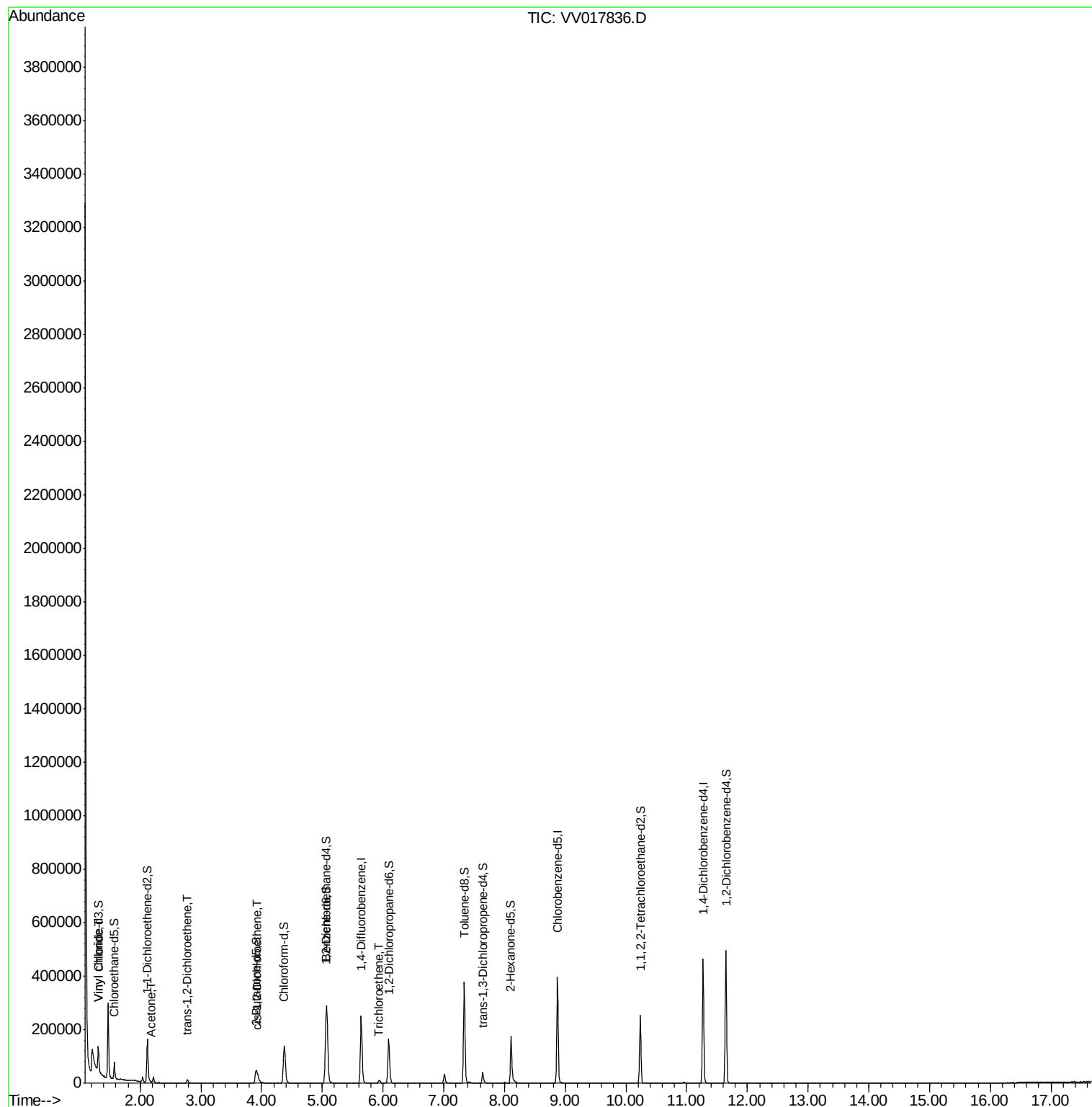
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
Data File : VV017836.D
Acq On : 07 Aug 2020 13:43
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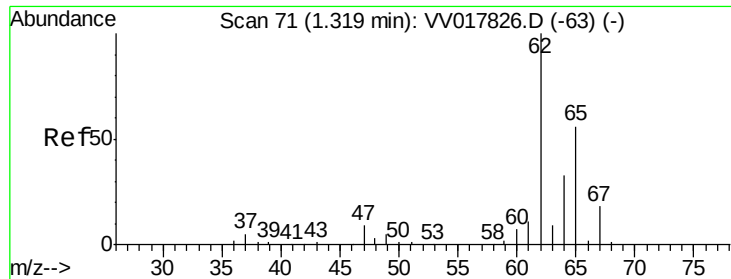
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Aug 08 01:15:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.016 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017836.D

Acq: 07 Aug 2020 13:43

Instrument :

MSVOA_V

ClientSampled :

F2L53

Tot Ion: 62 Resp: 15317

Ion Ratio Lower Upper

62 100

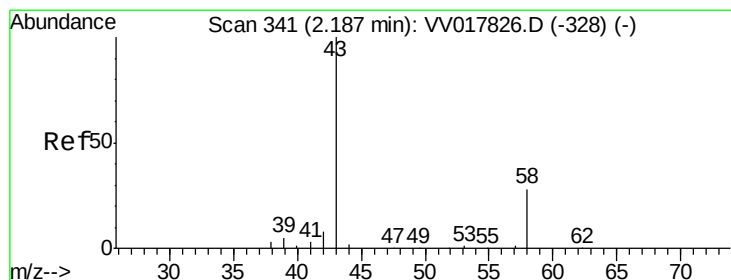
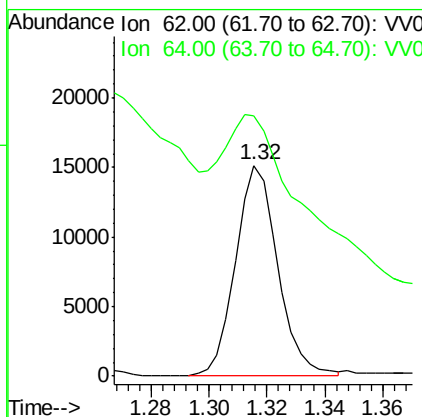
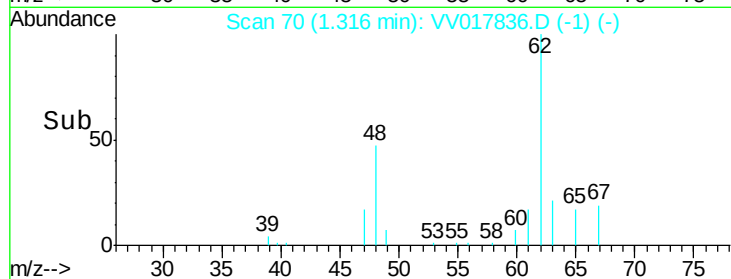
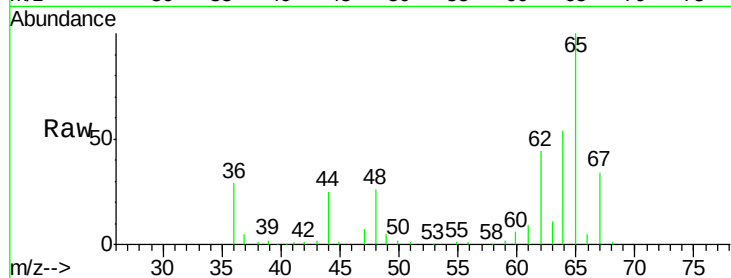
64 123.4 22.9 42.5#

Manual Integrations

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#13

Acetone

Concen: 3.424 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV017836.D

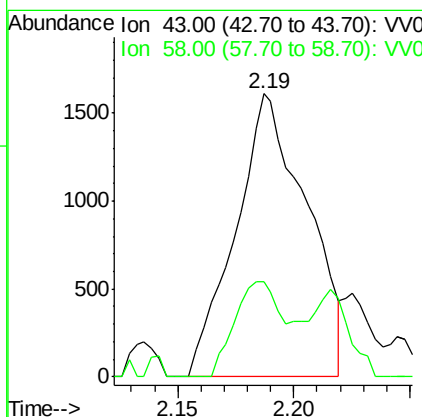
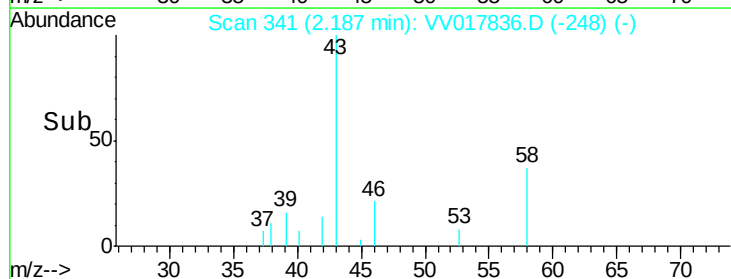
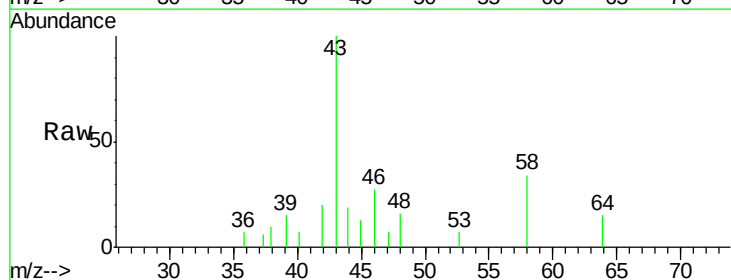
Acq: 07 Aug 2020 13:43

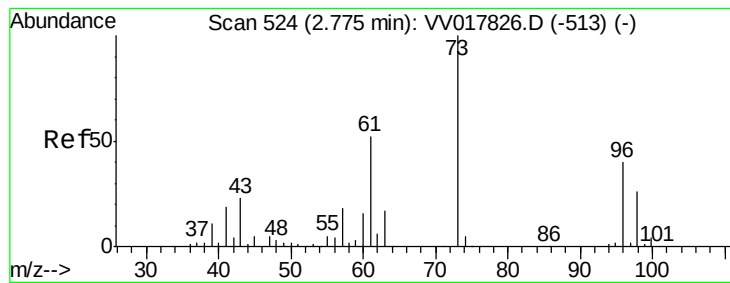
Tgt Ion: 43 Resp: 3437

Ion Ratio Lower Upper

43 100

58 21.2 0.0 52.6





#17

trans-1,2-Dichloroethene

Concen: 3.003 ug/L m

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV017836.D

Acq: 07 Aug 2020 13:43

Instrument :

MSVOA_V

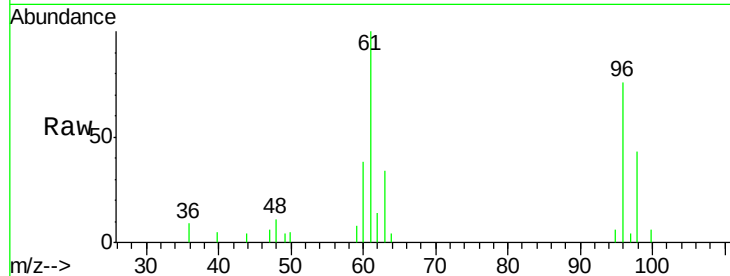
ClientSampleId :

F2L53

Tot Ion:	96	Resp:	4393
Ion	Ratio	Lower	Upper
96	100		
61	131.1	96.2	178.8
98	55.7	43.2	80.2

Manual Integrations
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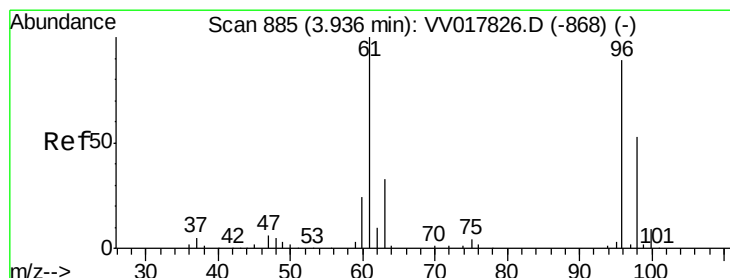
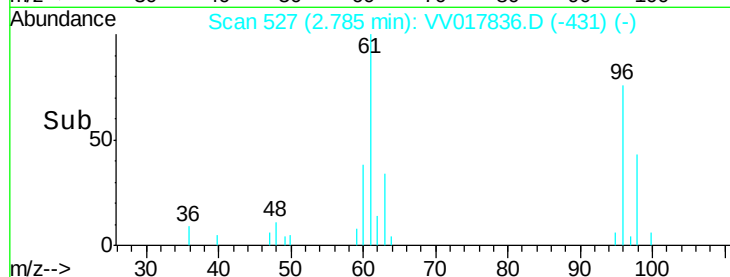
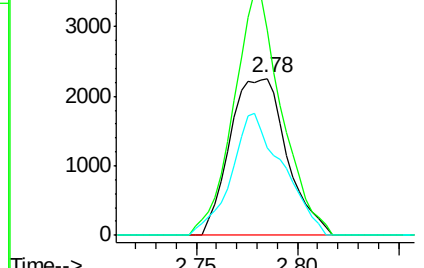
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Abundance Ion 96.00 (95.70 to 96.70): VV017836.D (-431) (-)

Ion 61.00 (60.70 to 61.70): VV017836.D (-431) (-)

Ion 98.00 (97.70 to 98.70): VV017836.D (-431) (-)



#20

cis-1,2-Dichloroethene

Concen: 5.151 ug/L m

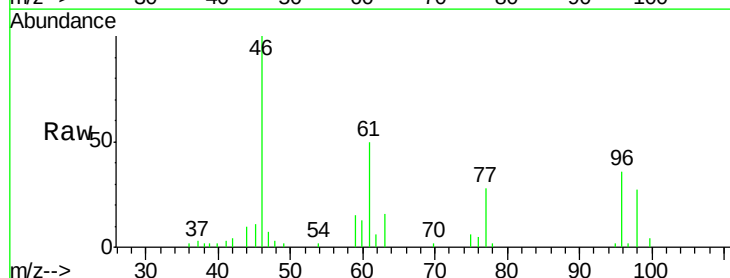
RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017836.D

Acq: 07 Aug 2020 13:43

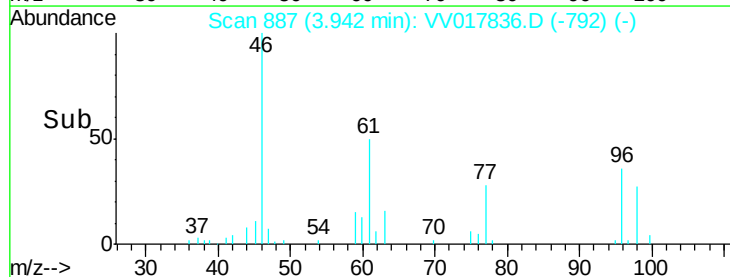
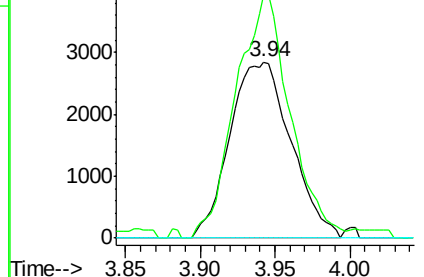
Tgt Ion:	96	Resp:	8048
Ion	Ratio	Lower	Upper
96	100		
61	137.9	87.3	162.1
68	0.0	0.0	0.0

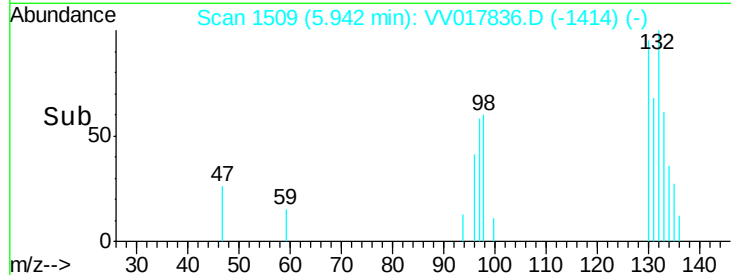
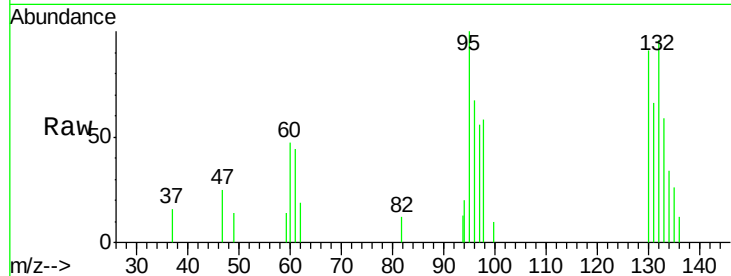
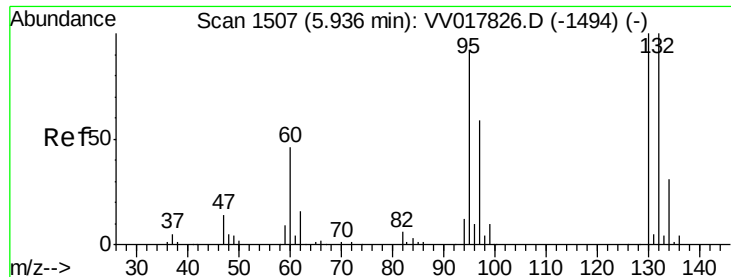


Abundance Ion 96.00 (95.70 to 96.70): VV017836.D (-792) (-)

Ion 61.00 (60.70 to 61.70): VV017836.D (-792) (-)

Ion 68.00 (67.70 to 68.70): VV017836.D (-792) (-)





#34

Trichloroethene

Concen: 1.161 ug/L

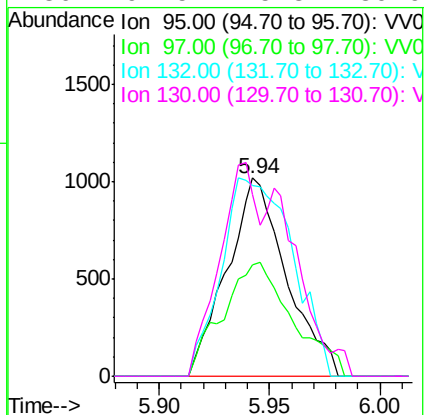
RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017836.D

Acq: 07 Aug 2020 13:43

Tot Ion	95	Resp:	1904
Ion	Ratio	Lower	Upper
95	100		
97	56.3	45.3	84.1
132	96.4	71.4	132.6
130	91.5	75.3	139.9



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