

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061219\
 Data File : VV011491.D
 Acq On : 14 Jun 2019 06:47
 Operator : SY/MD
 Sample : K3313-16
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COM07

Quant Time: Jun 14 07:25:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 06:06:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132648	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	116100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42511	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50088	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.58	69	39431	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	112168	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.80%
20) 2-Butanone-d5	3.97	46	113851	50.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.62%
24) Chloroform-d	4.40	84	87989	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.08	65	52101	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.10	84	182664	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.12	67	55794	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	157451	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.67	79	14659	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
46) 2-Hexanone-d5	8.14	63	88732	51.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35941	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	45243	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

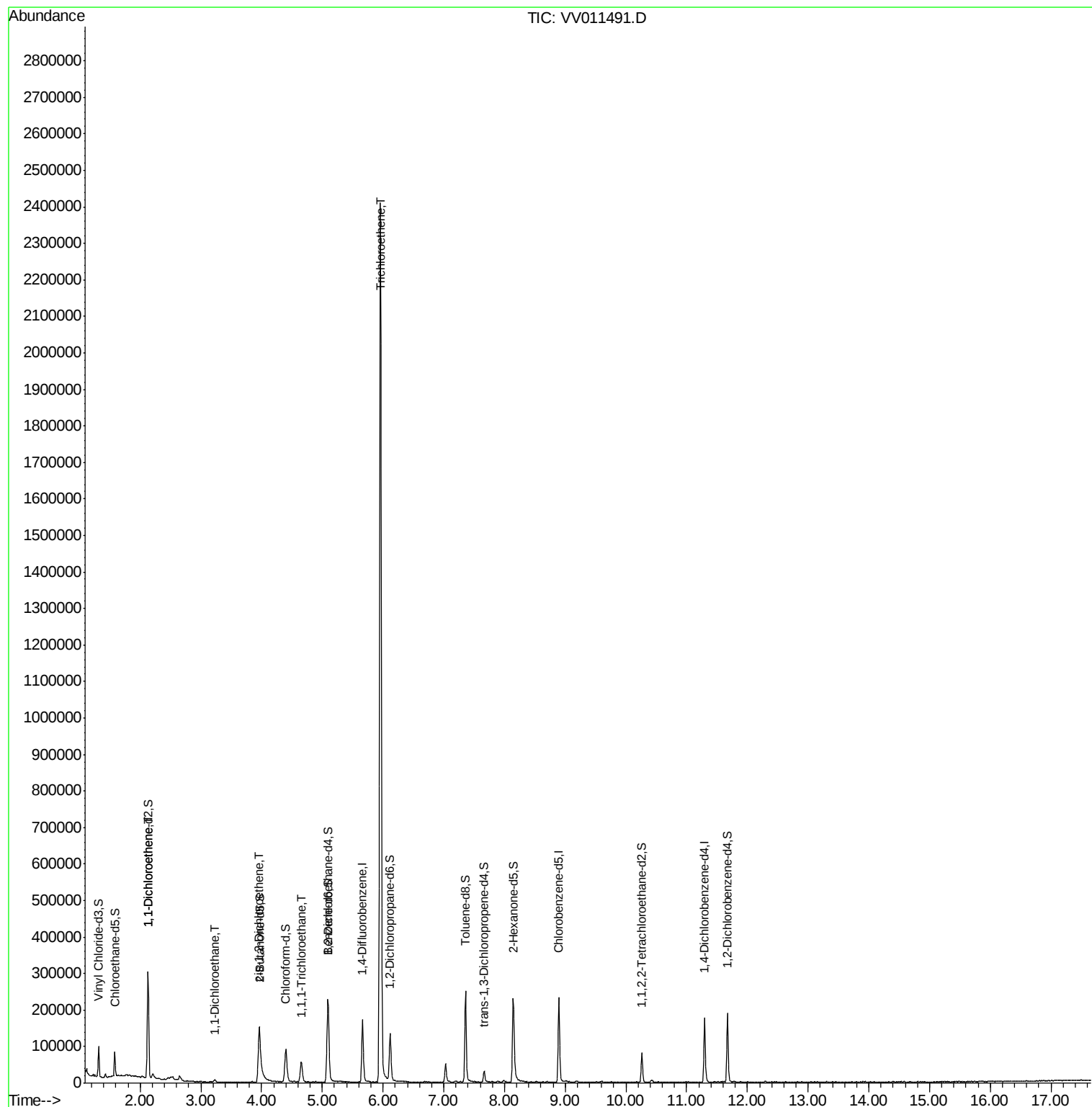
					Ovalue
12) 1,1-Dichloroethene	2.14	96	51802	6.198 ug/L	97
19) 1,1-Dichloroethane	3.23	63	4943	0.268 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	62204	6.003 ug/L	91
29) 1,1,1-Trichloroethane	4.66	97	39051	2.637 ug/L	97
34) Trichloroethene	5.96	95	805425	84.392 ug/L	97

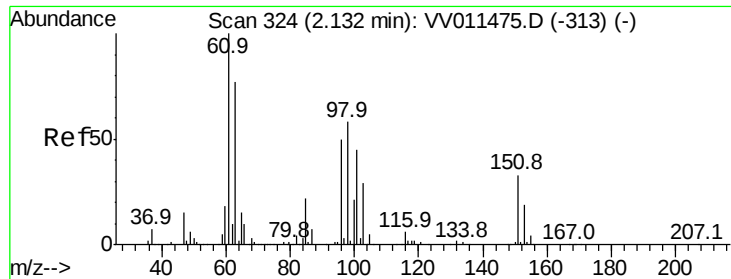
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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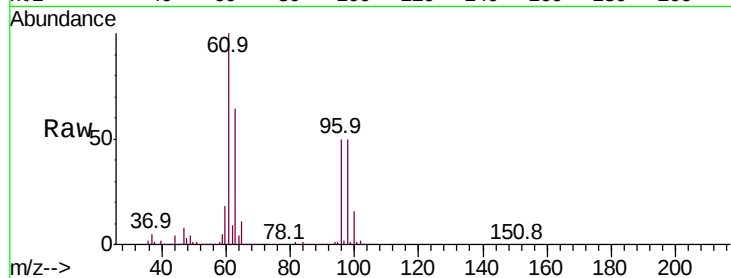




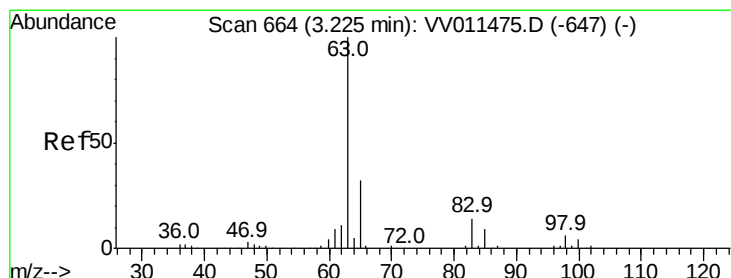
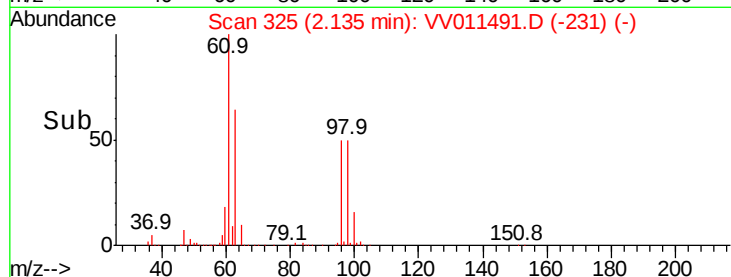
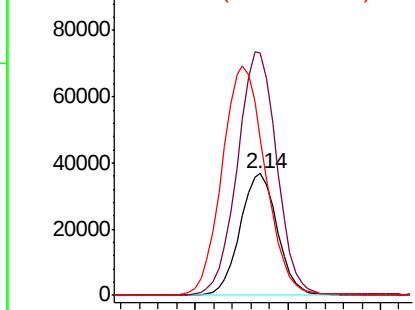
#12
 1,1-Dichloroethene
 Concen: 6.198 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV011491.D
 Acq: 14 Jun 2019 06:47

Instrument :
 MSVOA_V
 ClientSampleId :
 COM07

Tot Ion: 96 Resp: 51802
 Ion Ratio Lower Upper
 96 100
 61 199.1 139.8 259.6
 63 127.9 94.3 175.1

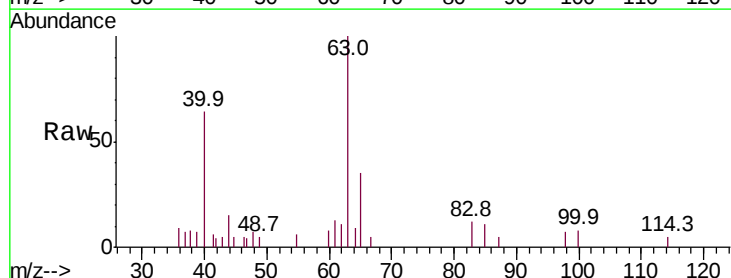


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 63.00 (62.70 to 63.70): VV0

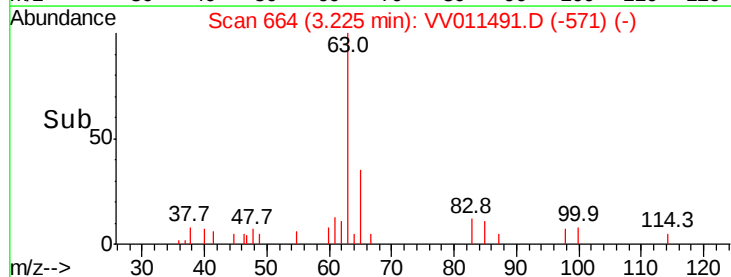
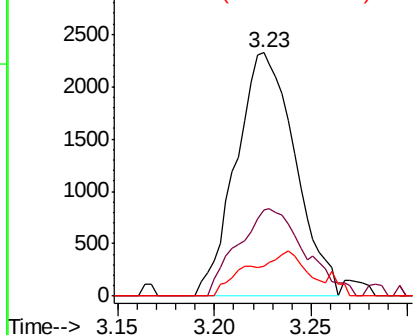


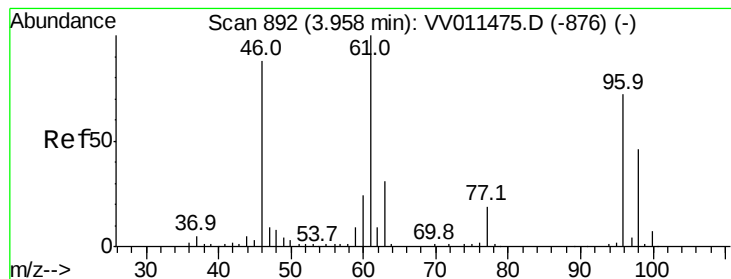
#19
 1,1-Dichloroethane
 Concen: 0.268 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VV011491.D
 Acq: 14 Jun 2019 06:47

Tgt Ion: 63 Resp: 4943
 Ion Ratio Lower Upper
 63 100
 65 35.4 22.1 41.1
 83 12.3 9.2 17.0



Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0





#22

cis-1,2-Dichloroethene

Concen: 6.003 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV011491.D

Acq: 14 Jun 2019 06:47

Instrument :
MSVOA_V
ClientSampleId :
COM07

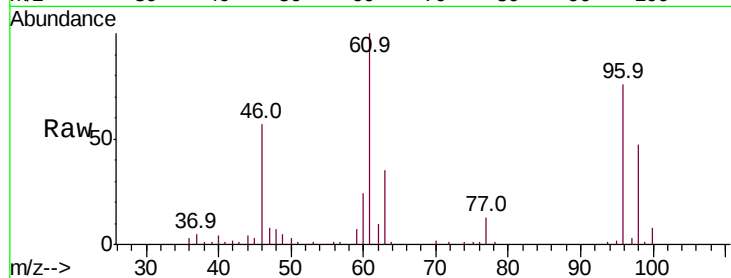
Tot Ion: 96 Resp: 62204

Ion Ratio Lower Upper

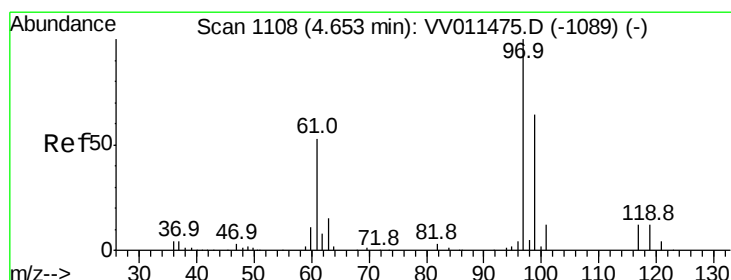
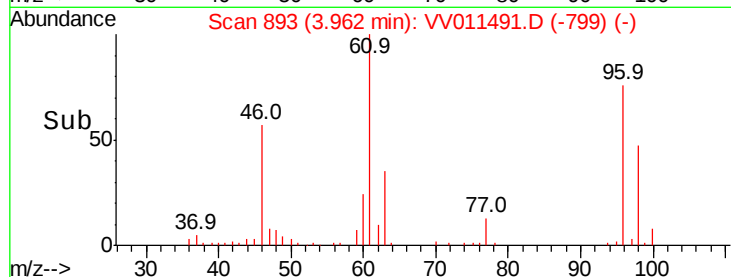
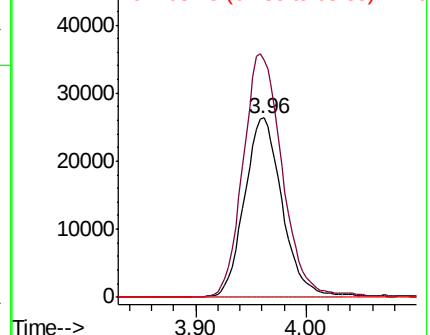
96 100

61 132.4 100.8 187.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



#29

1,1,1-Trichloroethane

Concen: 2.637 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV011491.D

Acq: 14 Jun 2019 06:47

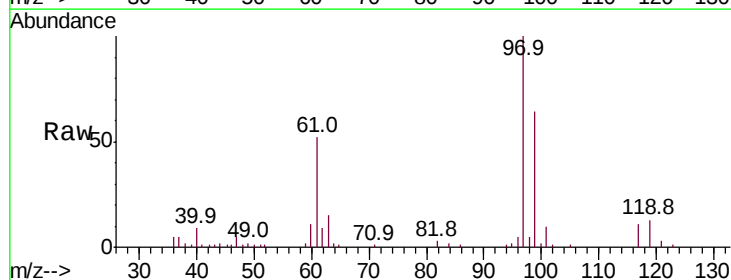
Tgt Ion: 97 Resp: 39051

Ion Ratio Lower Upper

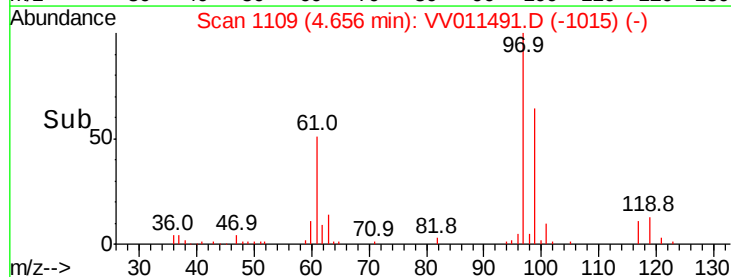
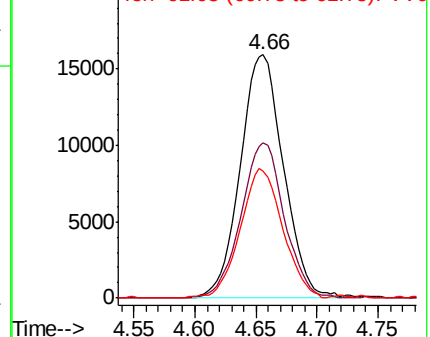
97 100

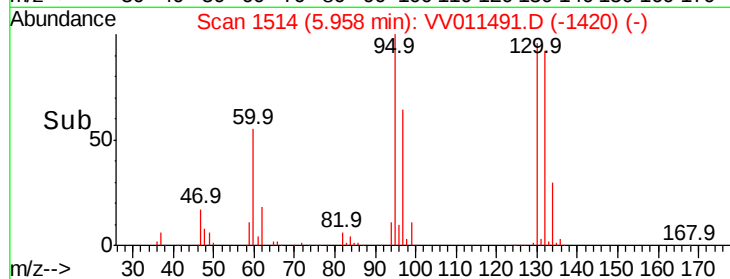
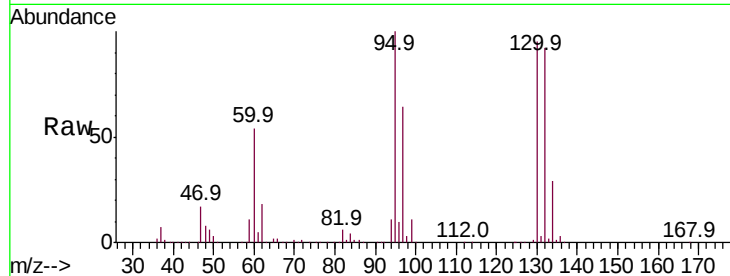
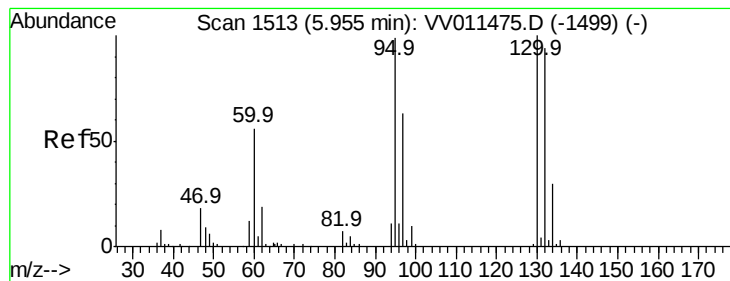
99 63.9 50.8 76.2

61 52.3 38.9 58.3



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 84.392 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011491.D

Acq: 14 Jun 2019 06:47

Instrument :
MSVOA_V
ClientSampleId :
COM07

Tot Ion: 95 Resp: 805425

Ion Ratio Lower Upper

95 100

97 63.9 45.8 85.2

132 91.5 66.4 123.2

130 95.1 68.3 126.8

Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

5.96

Time-->