

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010828.D
 Acq On : 10 May 2019 23:00
 Operator : SY/MD
 Sample : K2692-14
 Misc : 5.85G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5177

Quant Time: May 11 00:39:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 11 00:23:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	82721	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	81655	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30832	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	23307	18.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.56%
7) Chloroethane-d5	1.56	69	23875	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.32%
10) 1,1-Dichloroethene-d2	2.11	63	41093	14.74	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.96%
20) 2-Butanone-d5	3.92	46	31831	82.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.10%#
24) Chloroform-d	4.39	84	55618	24.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.64%
26) 1,2-Dichloroethane-d4	5.07	65	39975	28.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.52%
29) Benzene-d6	5.09	84	101086	23.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.08%
33) 1,2-Dichloropropane-d6	6.11	67	35551	25.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.84%
37) Toluene-d8	7.36	98	81899	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.60%
38) trans-1,3-Dichloropropene-	7.66	79	14813	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.92%
39) 2-Hexanone-d5	8.13	63	22318	77.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.76%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40653	31.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.36%#
61) 1,2-Dichlorobenzene-d4	11.67	152	31229	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

Target Compounds

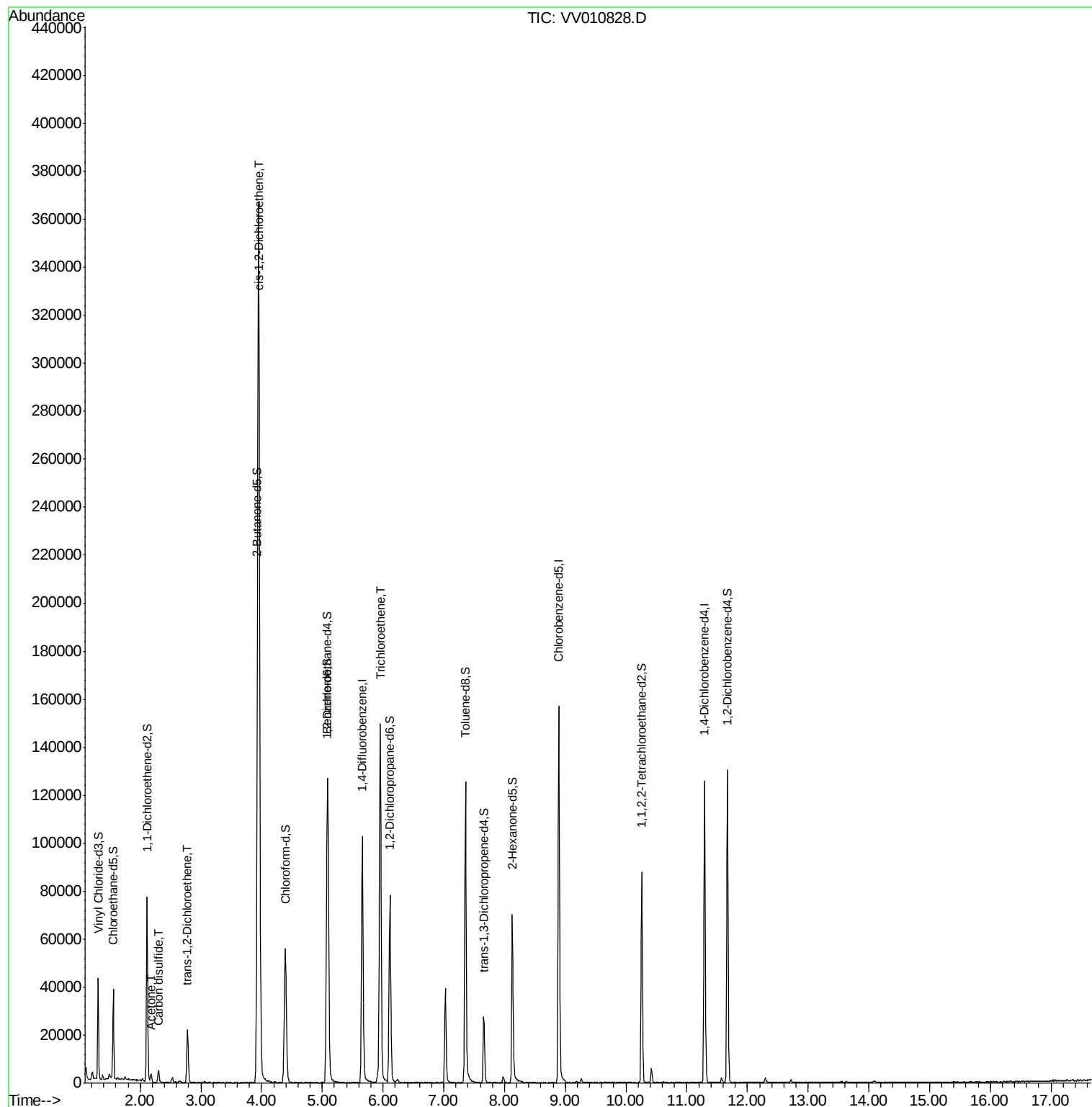
					Ovalue
13) Acetone	2.18	43	2322	3.889 ug/L	95
14) Carbon disulfide	2.30	76	5186	1.620 ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	7565	6.426 ug/L	98
22) cis-1,2-Dichloroethene	3.95	96	190192	141.435 ug/L	97
35) Trichloroethene	5.96	95	50737	37.787 ug/L	97

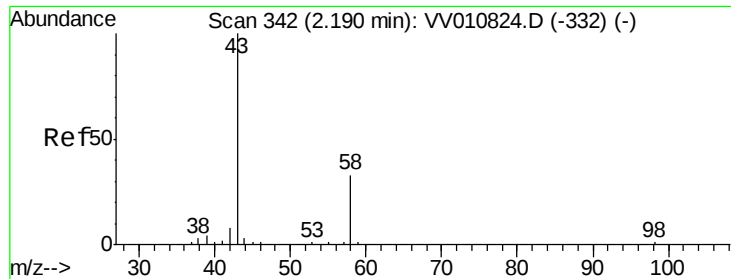
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.889 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010828.D

Acq: 10 May 2019 23:00

Instrument :

MSVOA_V

ClientSampled :

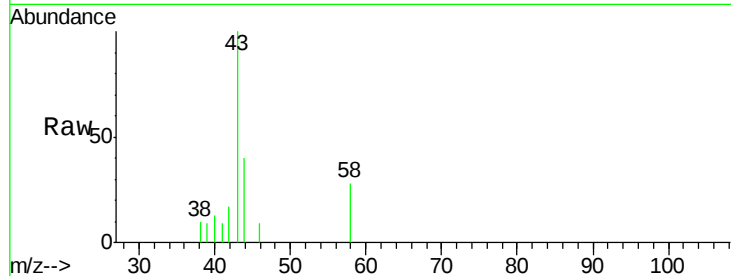
A5177

Tot Ion: 43 Resp: 2322

Ion Ratio Lower Upper

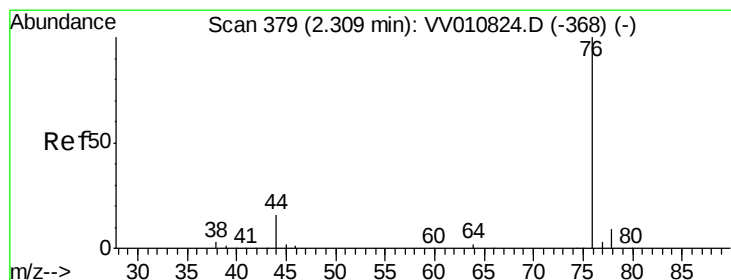
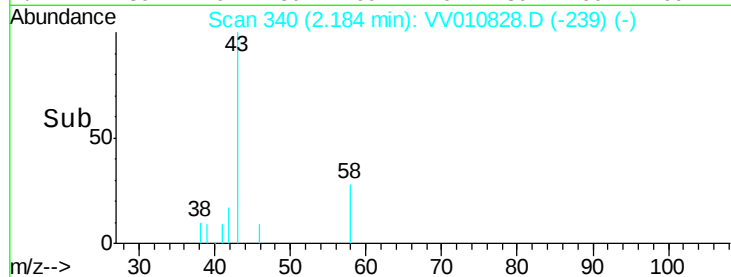
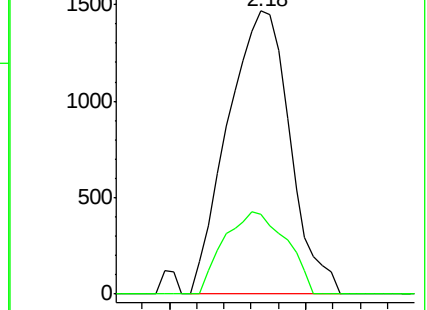
43 100

58 29.2 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010828.D (-239) (-)

Ion 58.00 (57.70 to 58.70): VV010828.D (-239) (-)



#14

Carbon disulfide

Concen: 1.620 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.01 min

Lab File: VV010828.D

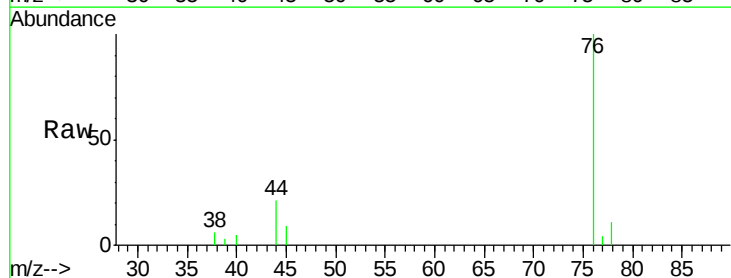
Acq: 10 May 2019 23:00

Tgt Ion: 76 Resp: 5186

Ion Ratio Lower Upper

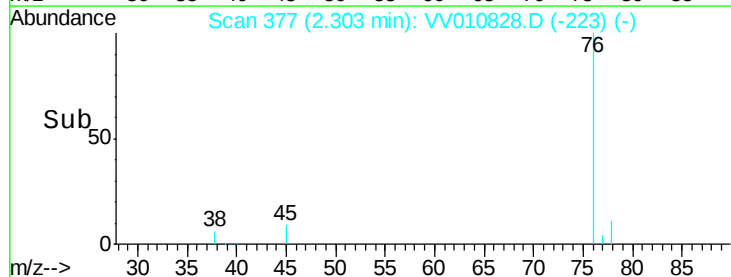
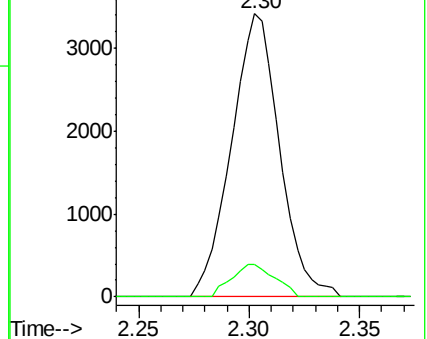
76 100

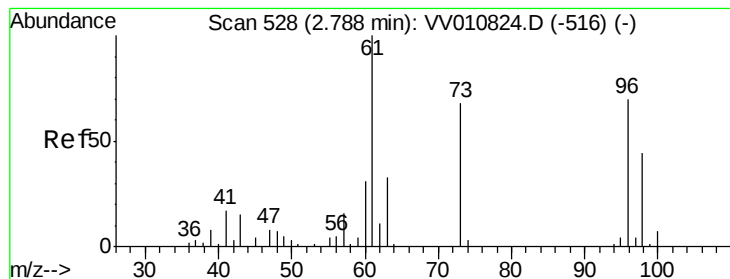
78 11.3 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VV010828.D (-223) (-)

Ion 78.00 (77.70 to 78.70): VV010828.D (-223) (-)





#18

trans-1,2-Dichloroethene

Concen: 6.426 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.01 min

Lab File: VV010828.D

Acq: 10 May 2019 23:00

Instrument :

MSVOA_V

ClientSampled :

A5177

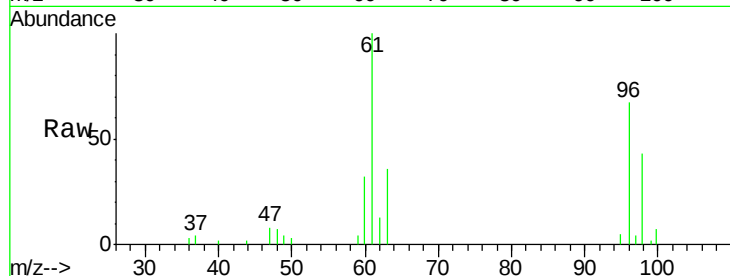
Tot Ion: 96 Resp: 7565

Ion Ratio Lower Upper

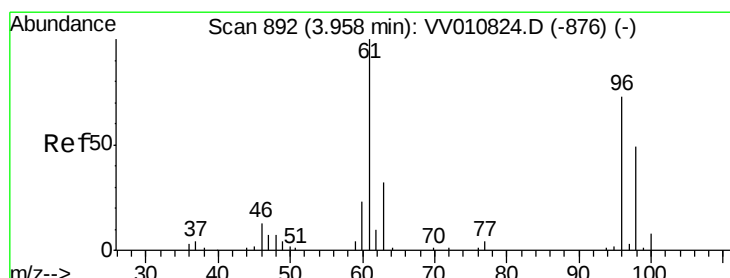
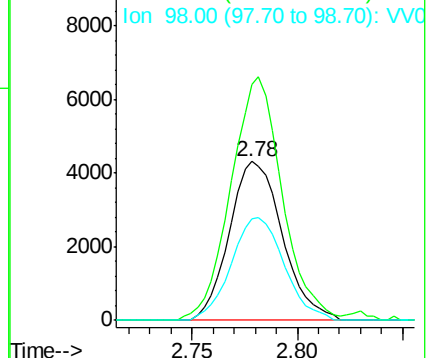
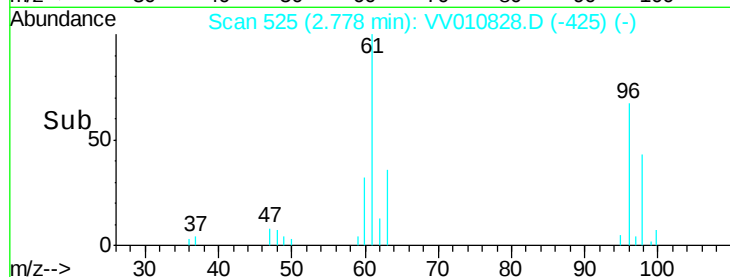
96 100

61 148.7 102.8 190.8

98 64.0 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV010828.D (-425) (-)



#22

cis-1,2-Dichloroethene

Concen: 141.435 ug/L

RT: 3.95 min Scan# 890

Delta R.T. -0.01 min

Lab File: VV010828.D

Acq: 10 May 2019 23:00

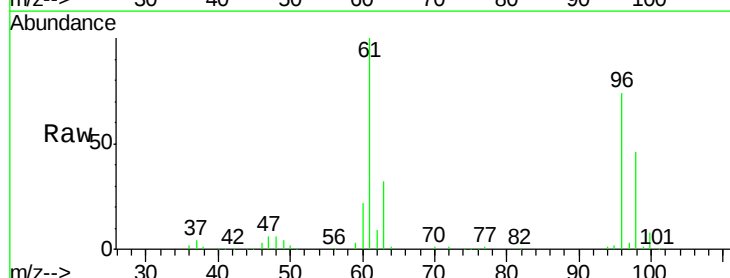
Tgt Ion: 96 Resp: 190192

Ion Ratio Lower Upper

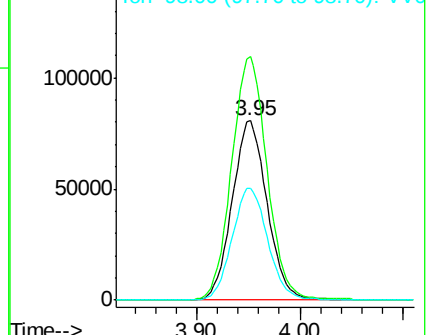
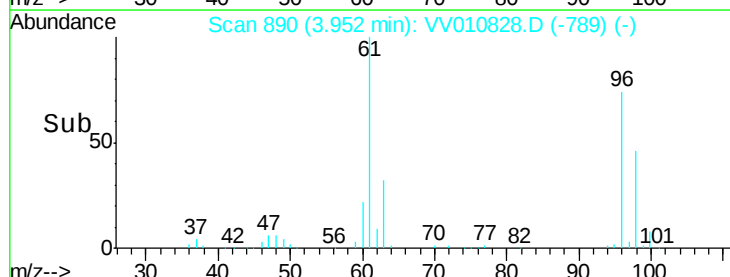
96 100

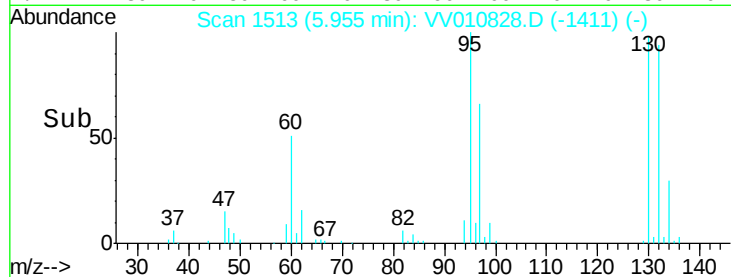
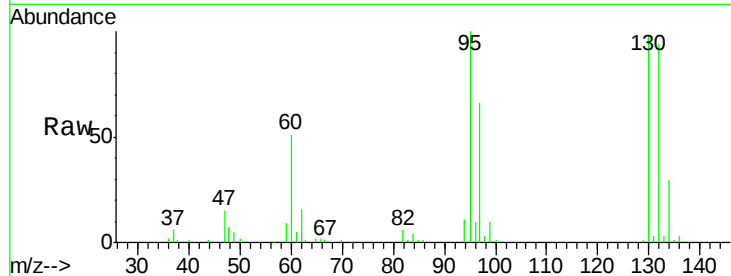
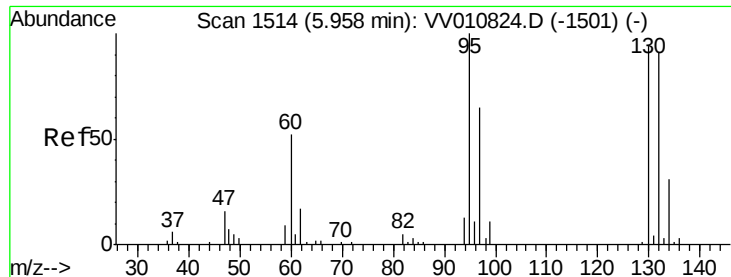
61 135.9 93.9 174.5

98 62.7 46.5 86.5



Abundance Ion 96.00 (95.70 to 96.70): VV010828.D (-789) (-)





#35

Trichloroethene

Concen: 37.787 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV010828.D

Acq: 10 May 2019 23:00

Instrument :

MSVOA_V

ClientSampleId :

A5177

Tot Ion: 95 Resp: 50737

Ion Ratio Lower Upper

95 100

97 64.9 44.3 82.3

132 92.9 62.4 115.8

130 95.5 68.5 127.3

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

