

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015906.D
 Acq On : 06 May 2020 13:46
 Operator : SY/MD
 Sample : L2519-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRR8

Quant Time: May 07 02:34:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 02:01:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	180110	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	173651	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	82449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	47764	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.58	69	40557	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.12	63	69742	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.93	46	125169	43.58	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.16%
24) Chloroform-d	4.37	84	95169	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	52318	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.07	84	182004	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.09	67	56285	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.34	98	166134	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.64	79	19684	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.11	63	88865	38.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	37735	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	59258	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

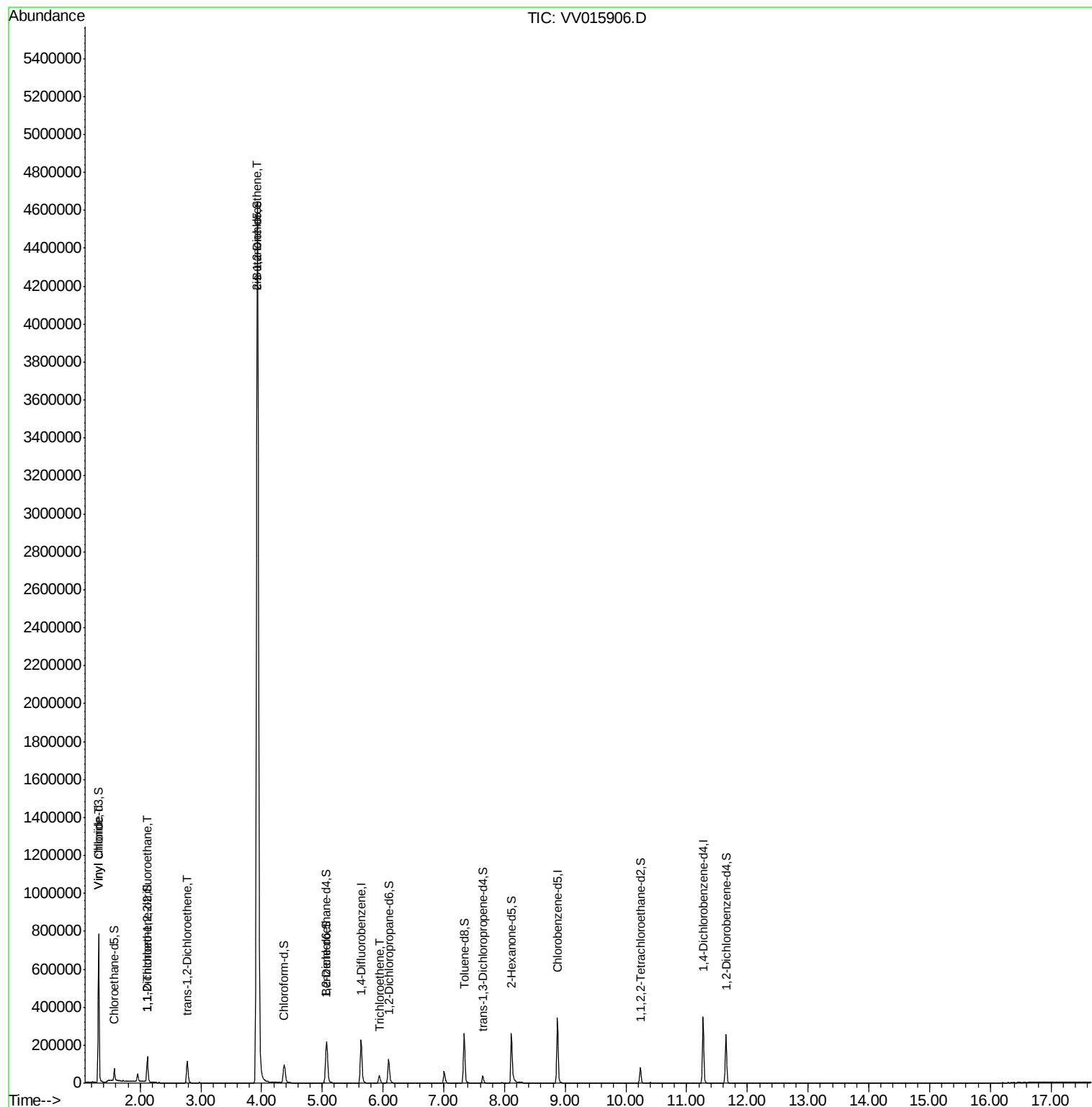
					Ovalue
5) Vinyl chloride	1.32	62	433927	31.517	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3999	0.378	ug/L # 86
18) trans-1,2-Dichloroethene	2.78	96	41511	3.658	ug/L 97
22) cis-1,2-Dichloroethene	3.93	96	2431612	205.630	ug/L 99
34) Trichloroethene	5.94	95	12986	1.049	ug/L 95

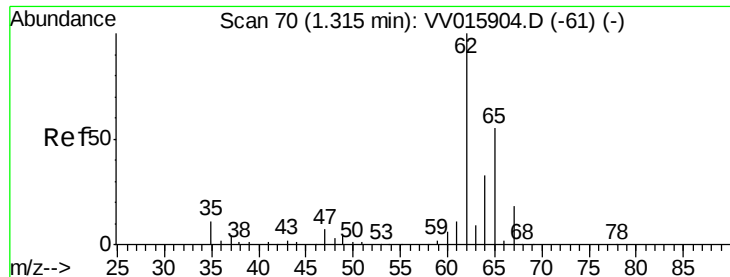
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 07 02:01:25 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 31.517 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

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ClientSampleId :

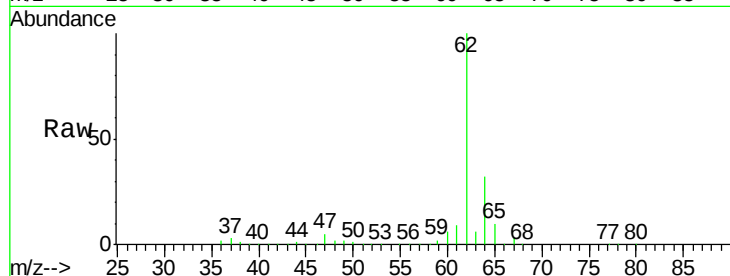
BFRR8

Tot Ion: 62 Resp: 433927

Ion Ratio Lower Upper

62 100

64 32.3 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV015906.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VV015906.D (-1) (-)

1.32

400000

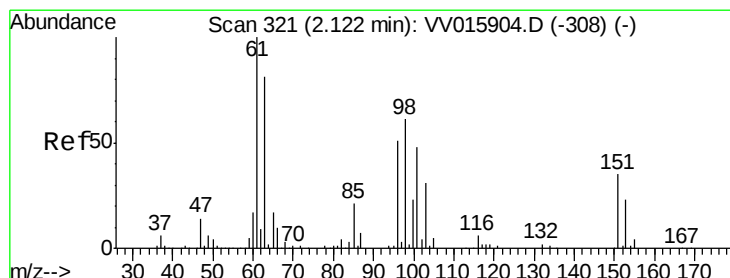
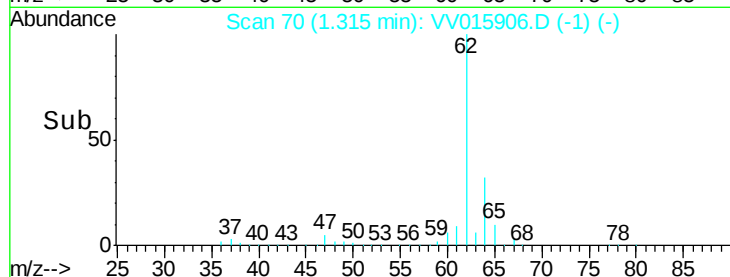
300000

200000

100000

0

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.378 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015906.D

Acq: 06 May 2020 13:46

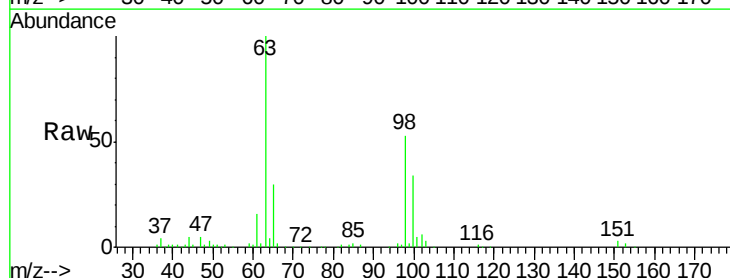
Tgt Ion: 101 Resp: 3999

Ion Ratio Lower Upper

101 100

85 40.3 35.7 53.5

151 56.5 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): VV015906.D (-228) (-)

Ion 85.00 (84.70 to 85.70): VV015906.D (-228) (-)

Ion 151.00 (150.70 to 151.70): VV015906.D (-228) (-)

2.12

3000

2500

2000

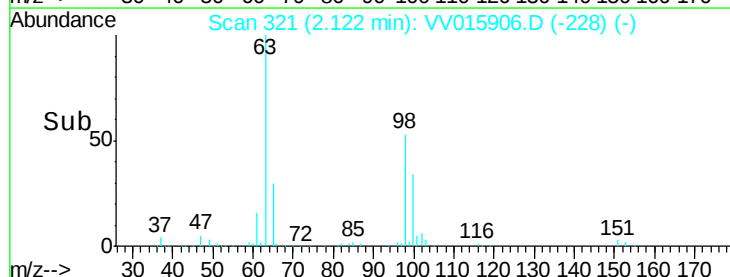
1500

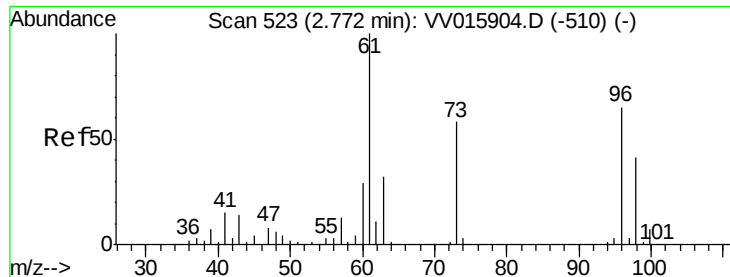
1000

500

0

Time-->





#18

trans-1,2-Dichloroethene

Concen: 3.658 ug/L

RT: 2.78 min Scan# 524

Delta R.T. 0.00 min

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BFRR8

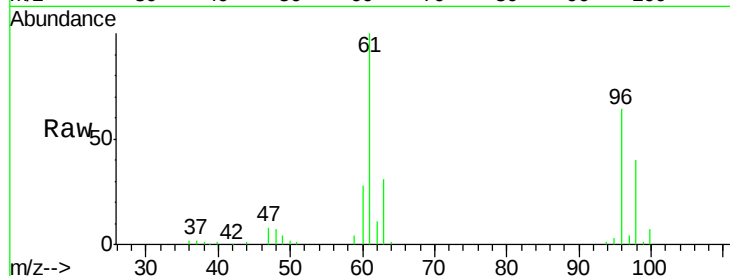
Tot Ion: 96 Resp: 41511

Ion Ratio Lower Upper

96 100

61 155.9 105.3 195.5

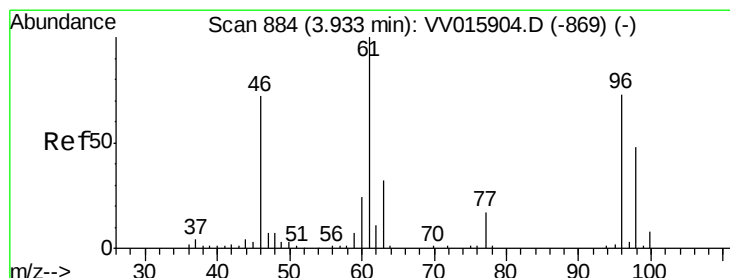
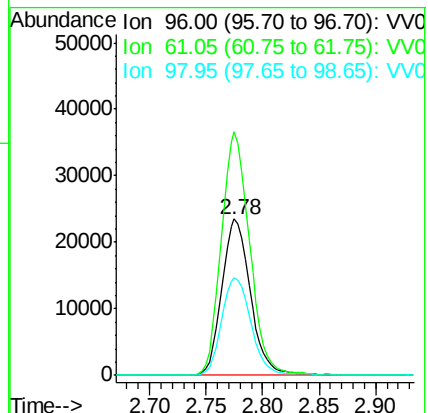
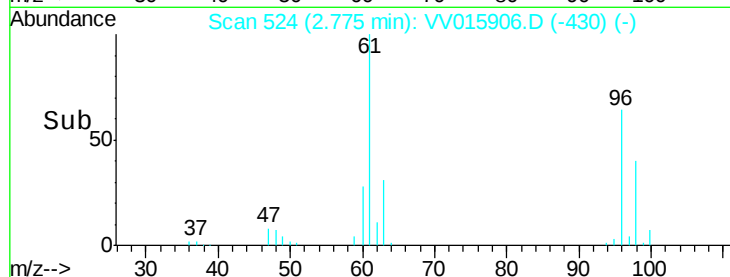
98 62.4 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 205.630 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV015906.D

Acq: 06 May 2020 13:46

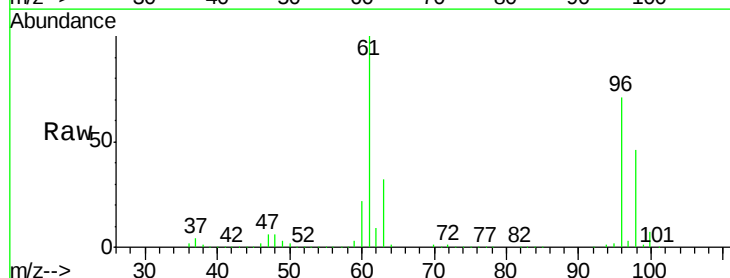
Tgt Ion: 96 Resp: 2431612

Ion Ratio Lower Upper

96 100

61 140.0 97.2 180.6

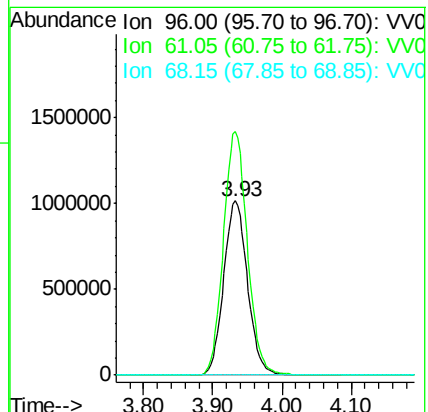
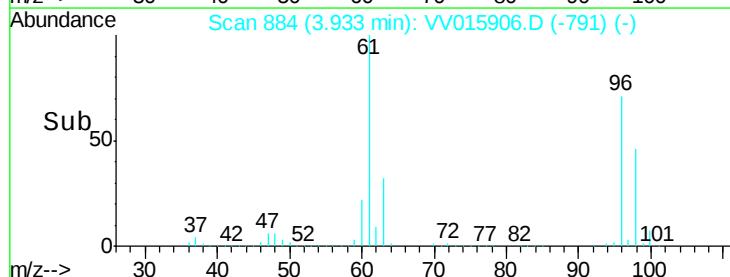
68 0.0 0.0 0.0

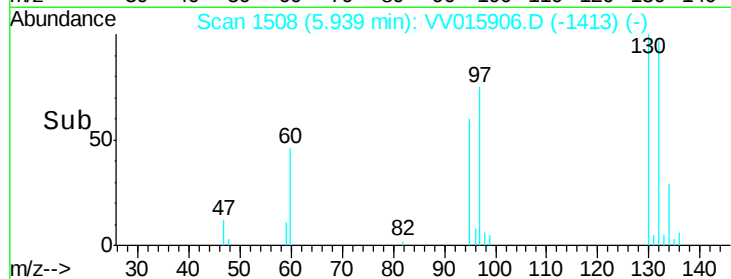
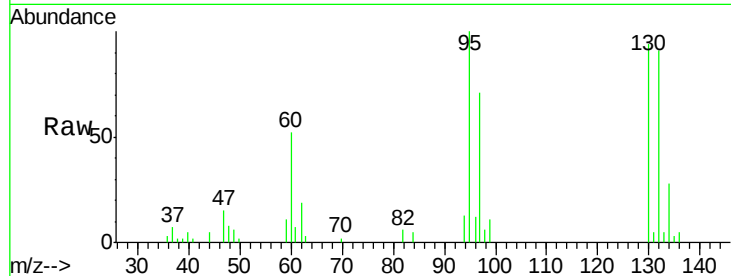
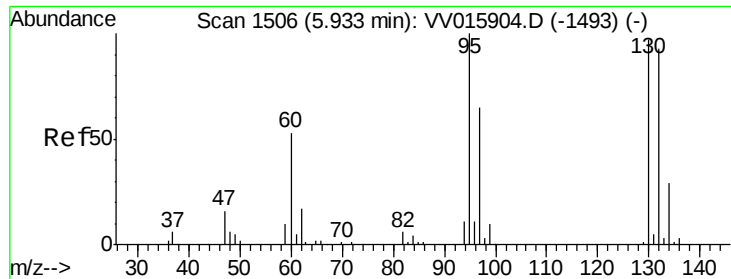


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 1.049 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV015906.D

Acq: 06 May 2020 13:46

Instrument :

MSVOA_V

ClientSampleId :

BFRR8

Tot Ion: 95 Resp: 12986

Ion Ratio Lower Upper

95 100

97 70.6 43.3 80.5

132 91.2 60.3 112.1

130 94.1 66.0 122.6

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

