

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017141.D
 Acq On : 25 Jun 2020 20:48
 Operator : SY/MD
 Sample : L3106-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXN3

Quant Time: Jun 26 04:58:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 01:31:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	164824	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161002	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47487	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.58	69	38312	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.12	63	70704	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.96	46	115343	45.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.50%
24) Chloroform-d	4.38	84	106074	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.06	65	56511	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.07	84	195261	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.10	67	57410	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.34	98	169298	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
45) trans-1,3-Dichloropropene-	7.64	79	21286	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
48) 2-Hexanone-d5	8.11	63	83348	42.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.00%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38134	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	67607	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

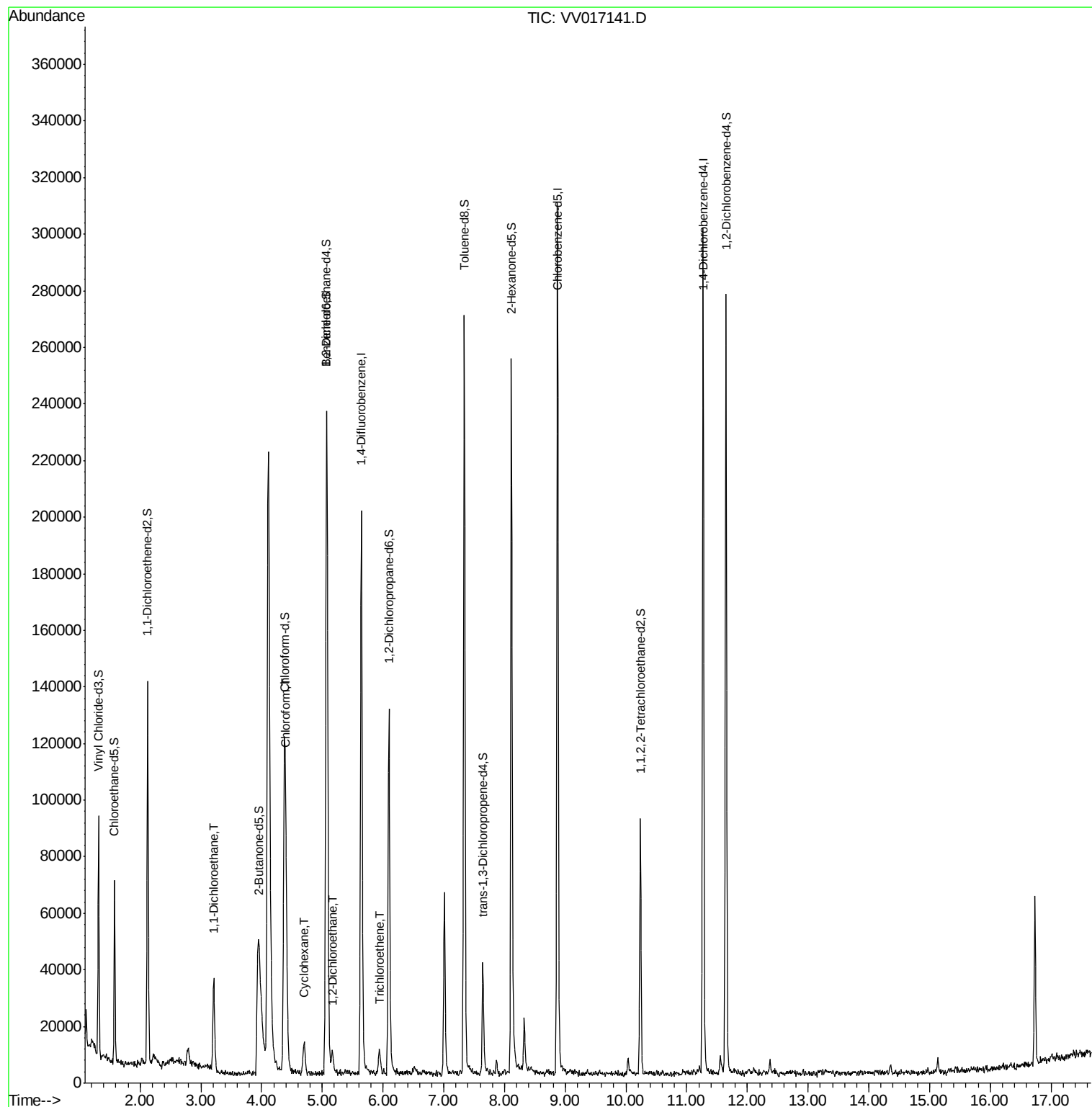
					Ovalue
19) 1,1-Dichloroethane	3.21	63	29542	1.569 ug/L	96
25) Chloroform	4.41	83	47888	2.328 ug/L	97
27) 1,2-Dichloroethane	5.17	62	6932	0.542 ug/L #	92
30) Cyclohexane	4.70	56	5516	0.301 ug/L	98
34) Trichloroethene	5.95	95	2709	0.219 ug/L	89

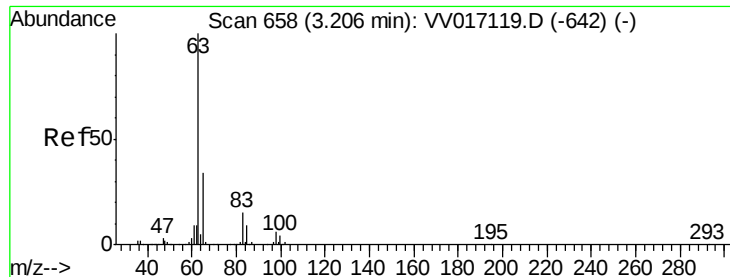
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 1.569 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.01 min

Lab File: VV017141.D

Acq: 25 Jun 2020 20:48

Instrument :

MSVOA_V

ClientSampleId :

BFXN3

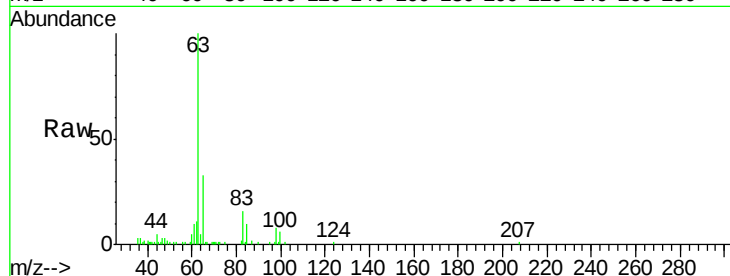
Tot Ion: 63 Resp: 29542

Ion Ratio Lower Upper

63 100

65 33.3 21.8 40.4

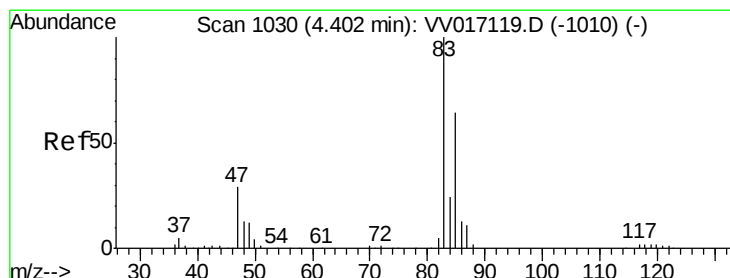
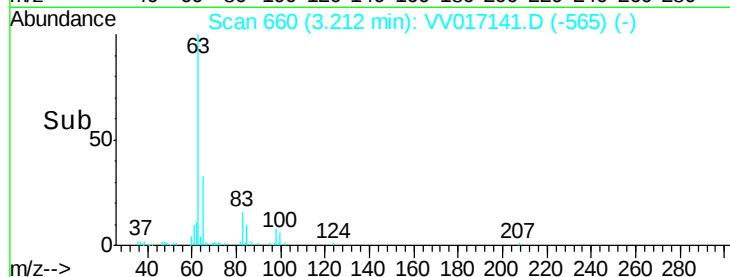
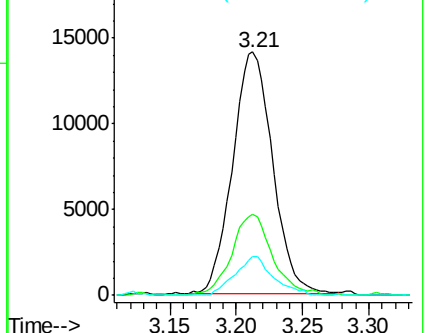
83 15.9 9.7 17.9



Abundance Ion 63.10 (62.80 to 63.80): VV017141.D (-642) (-)

Ion 65.10 (64.80 to 65.80): VV017141.D (-642) (-)

Ion 83.05 (82.75 to 83.75): VV017141.D (-642) (-)



#25

Chloroform

Concen: 2.328 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV017141.D

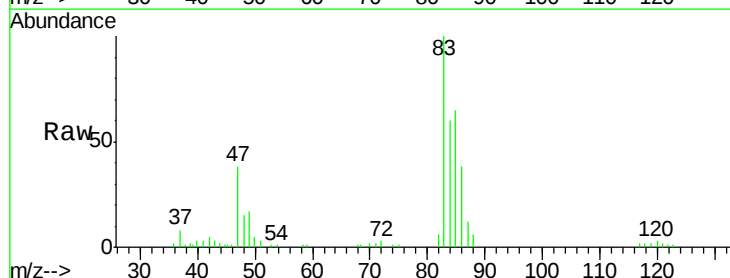
Acq: 25 Jun 2020 20:48

Tgt Ion: 83 Resp: 47888

Ion Ratio Lower Upper

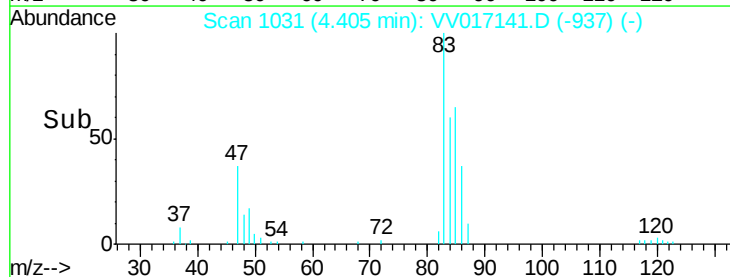
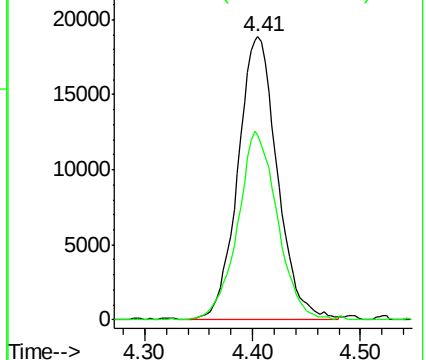
83 100

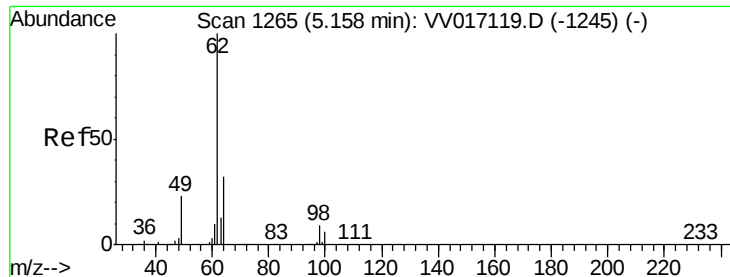
85 65.5 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV017141.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV017141.D (-1010) (-)





#27

1,2-Dichloroethane

Concen: 0.542 ug/L

RT: 5.17 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VV017141.D

Acq: 25 Jun 2020 20:48

Instrument :

MSVOA_V

ClientSampleId :

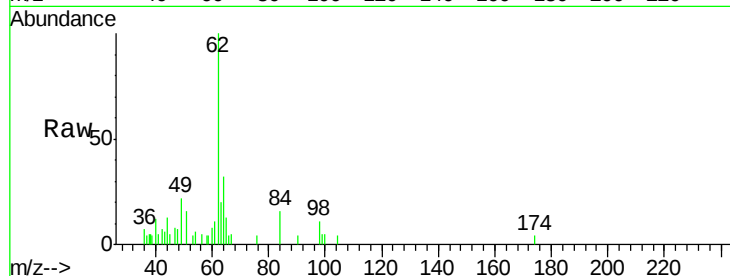
BFXN3

Tot Ion: 62 Resp: 6932

Ion Ratio Lower Upper

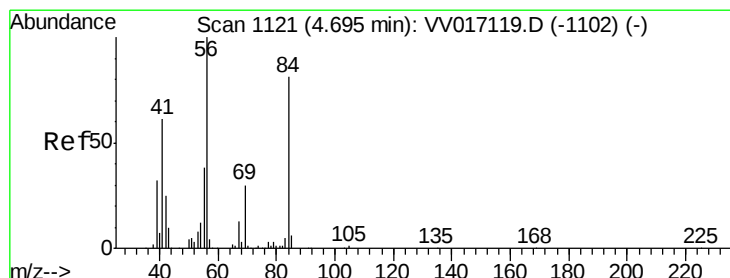
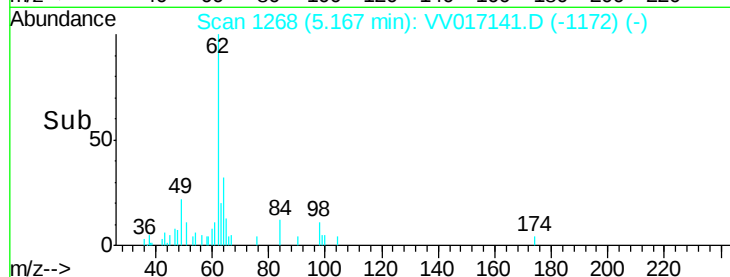
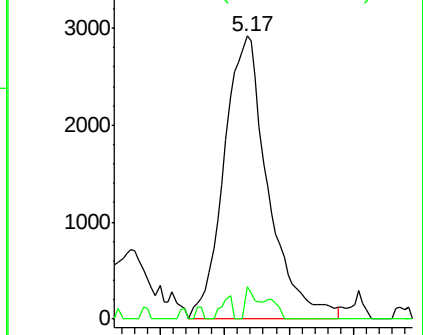
62 100

98 11.3 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#30

Cyclohexane

Concen: 0.301 ug/L

RT: 4.70 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VV017141.D

Acq: 25 Jun 2020 20:48

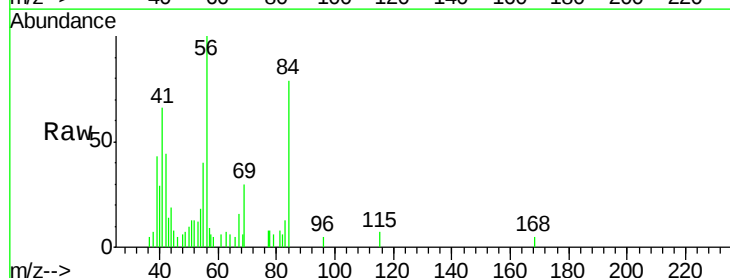
Tgt Ion: 56 Resp: 5516

Ion Ratio Lower Upper

56 100

69 30.3 24.4 36.6

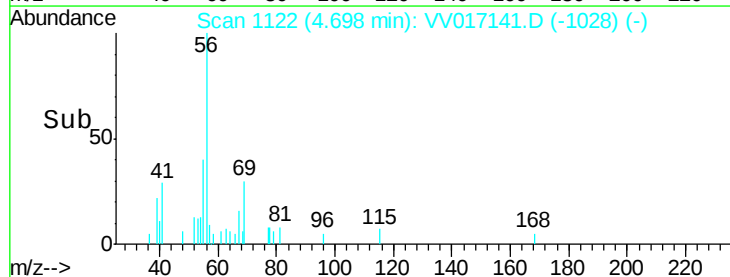
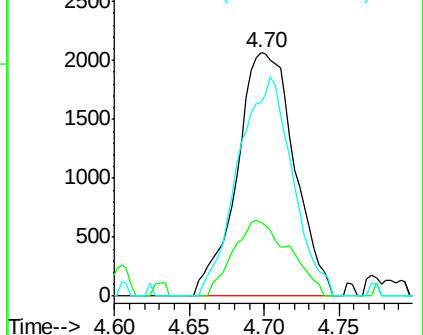
84 85.2 69.9 104.9

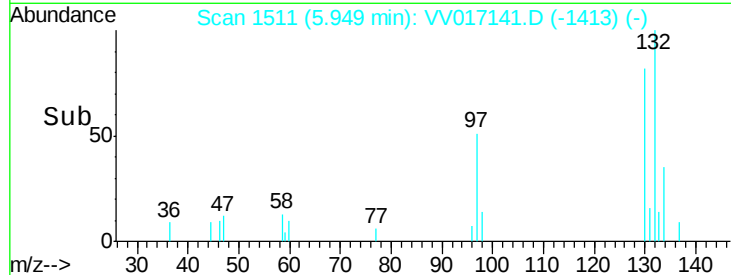
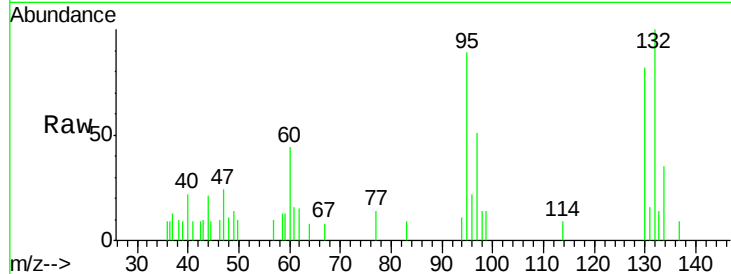
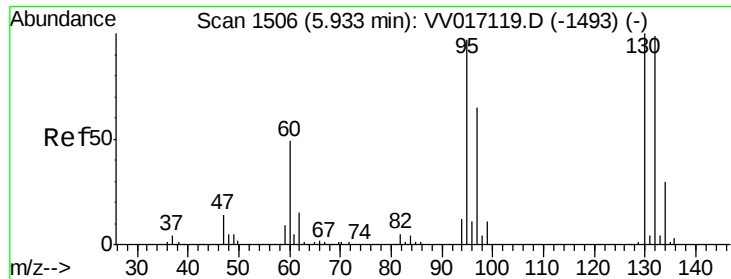


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#34

Trichloroethene

Concen: 0.219 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. 0.02 min

Lab File: VV017141.D

Acq: 25 Jun 2020 20:48

Instrument :

MSVOA_V

ClientSampleId :

BFXN3

Tot Ion: 95 Resp: 2709

Ion Ratio Lower Upper

95 100

97 56.6 45.3 84.1

132 112.0 68.8 127.8

130 91.9 70.2 130.4

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

