

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015766.D
 Acq On : 28 Apr 2020 23:29
 Operator : SY/MD
 Sample : L2421-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSB8

Quant Time: Apr 29 04:56:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 03:36:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121452	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	119221	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56497	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37724	5.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.80%
7) Chloroethane-d5	1.58	69	33356	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.12	63	55658	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	3.92	46	87871	43.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.24%
24) Chloroform-d	4.38	84	64256	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.06	65	38807	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.08	84	132634	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.10	67	41485	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.34	98	121022	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.65	79	13826	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.11	63	61129	35.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27362	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	42991	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

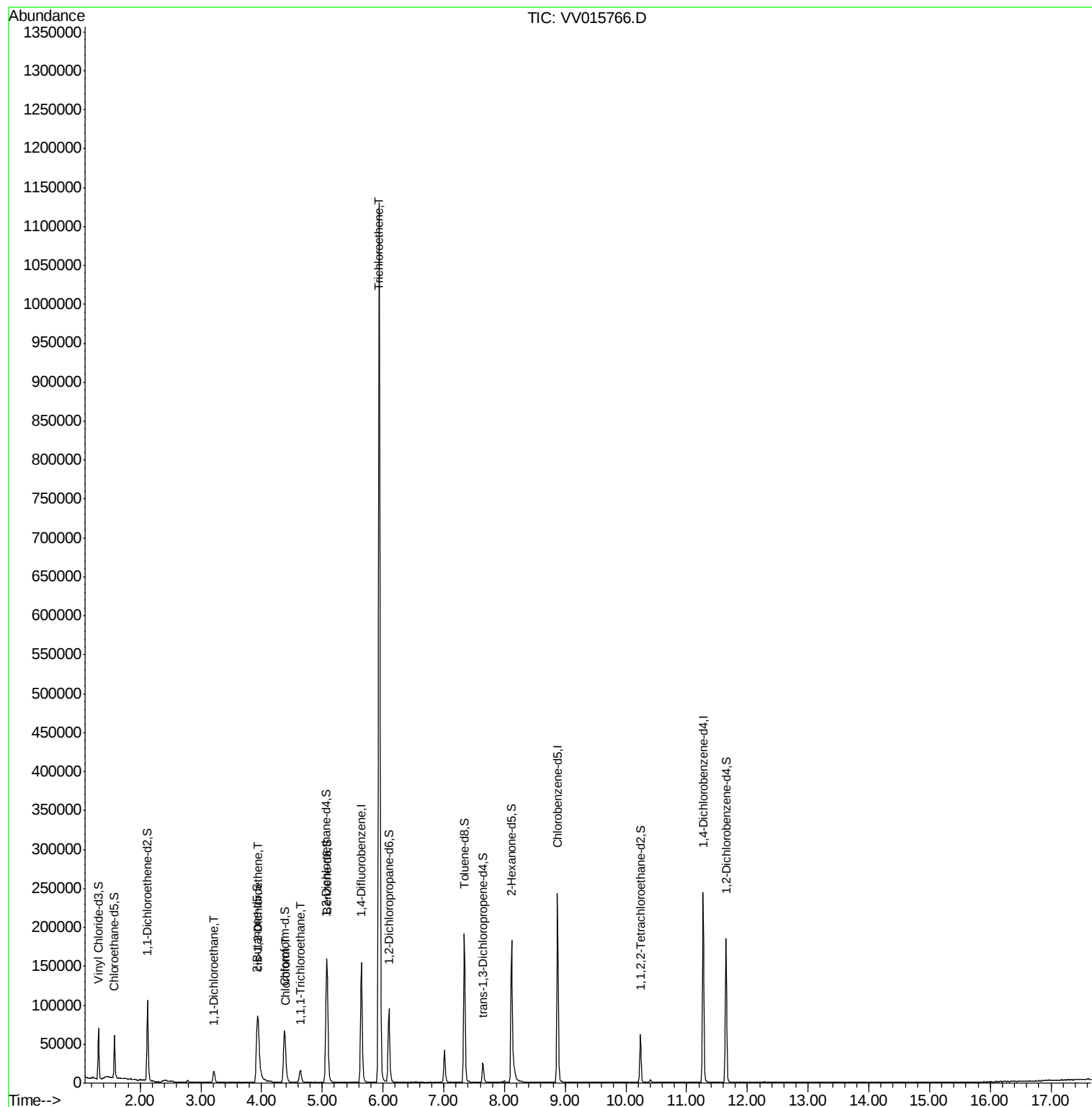
					Ovalue
19) 1,1-Dichloroethane	3.22	63	15430	0.993 ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	23428	2.677 ug/L	99
25) Chloroform	4.41	83	7873	0.477 ug/L	94
29) 1,1,1-Trichloroethane	4.63	97	12754	0.844 ug/L	98
34) Trichloroethene	5.94	95	386256	41.062 ug/L	99

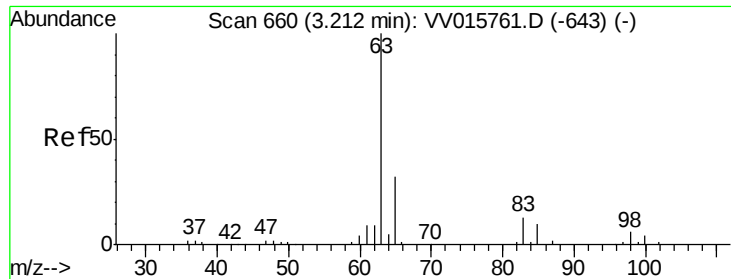
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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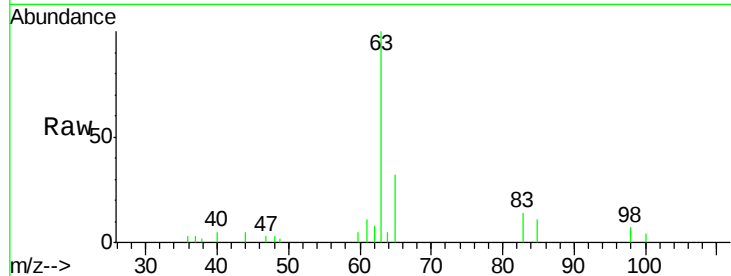




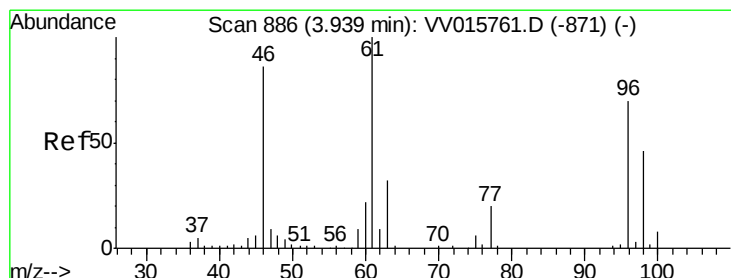
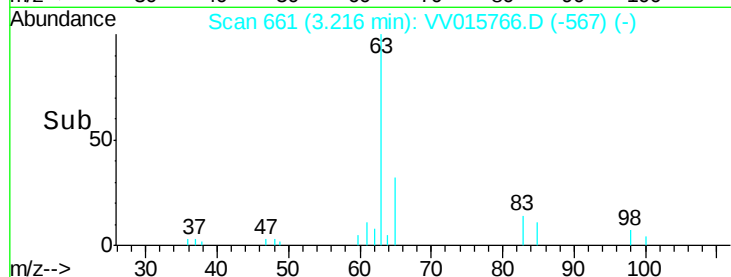
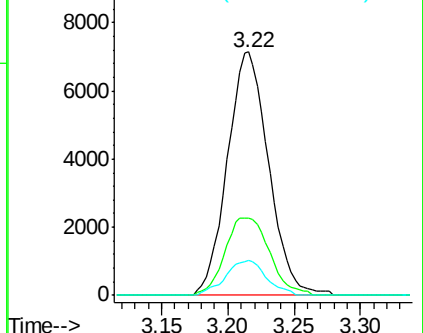
#19
 1,1-Dichloroethane
 Concen: 0.993 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: VV015766.D
 Acq: 28 Apr 2020 23:29

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSB8

Tot Ion: 63 Resp: 15430
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.3 41.3
 83 14.3 9.3 17.3

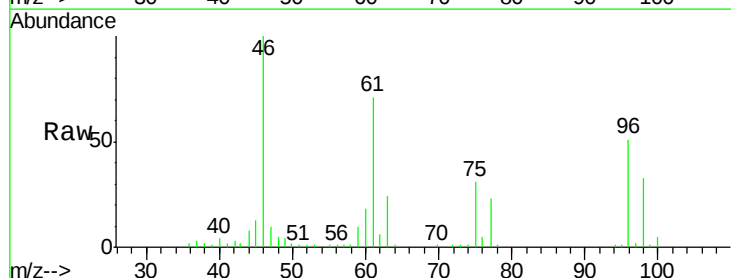


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

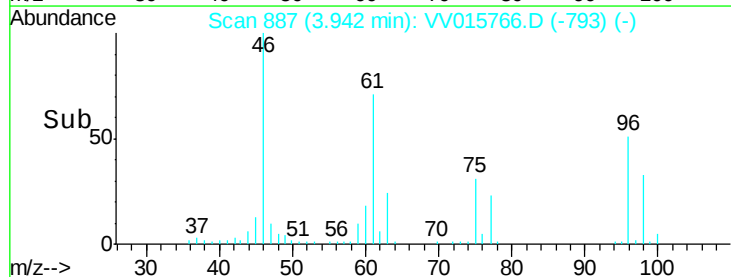
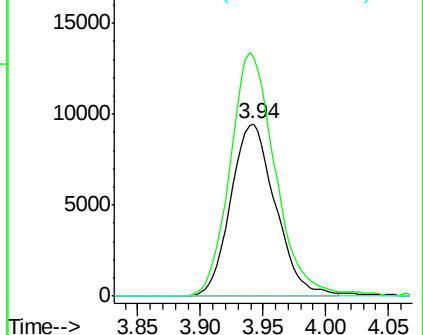


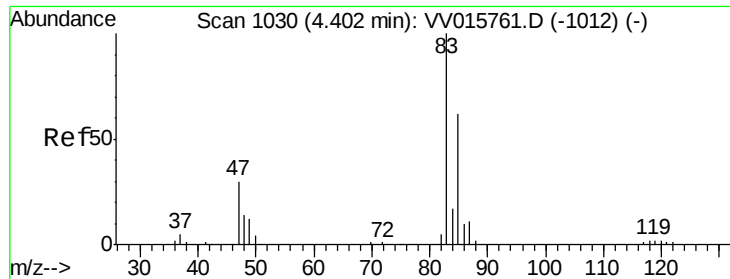
#22
 cis-1,2-Dichloroethene
 Concen: 2.677 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV015766.D
 Acq: 28 Apr 2020 23:29

Tgt Ion: 96 Resp: 23428
 Ion Ratio Lower Upper
 96 100
 61 139.0 96.4 179.0
 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

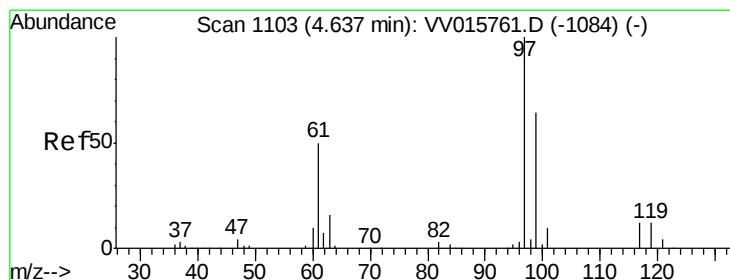
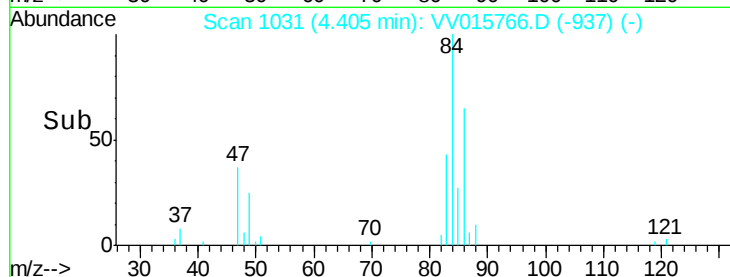
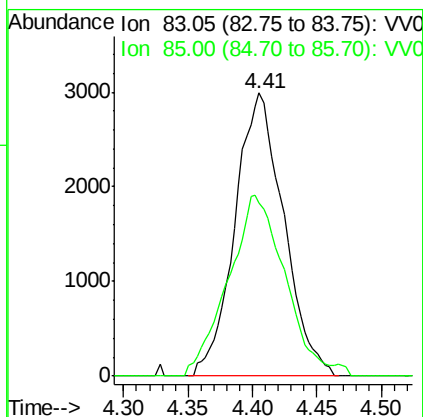
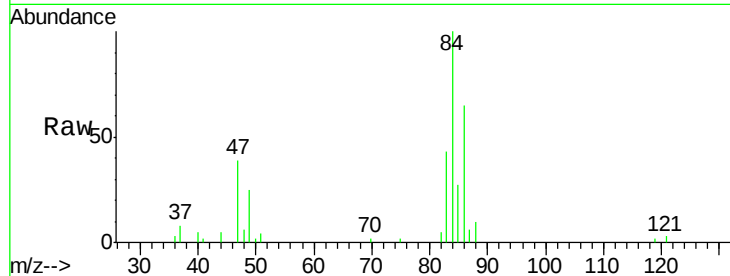




#25
Chloroform
Concen: 0.477 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015766.D
Acq: 28 Apr 2020 23:29

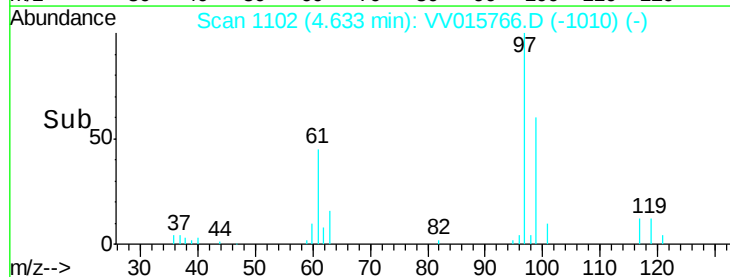
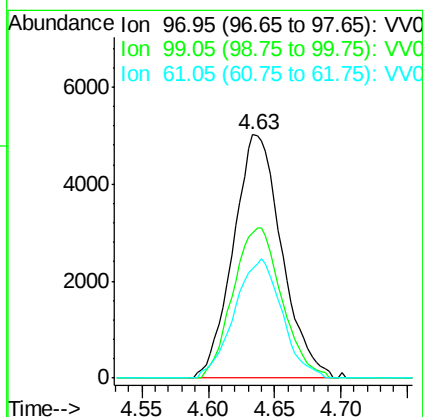
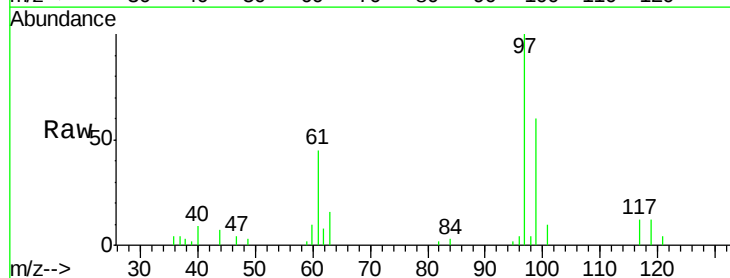
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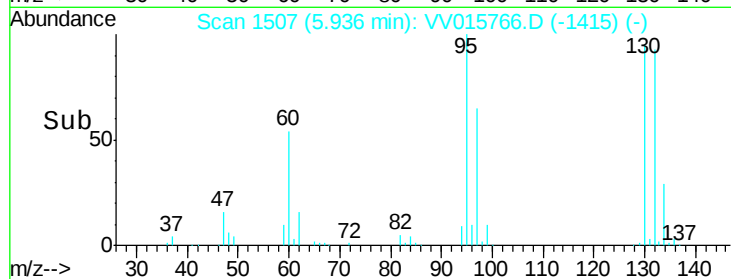
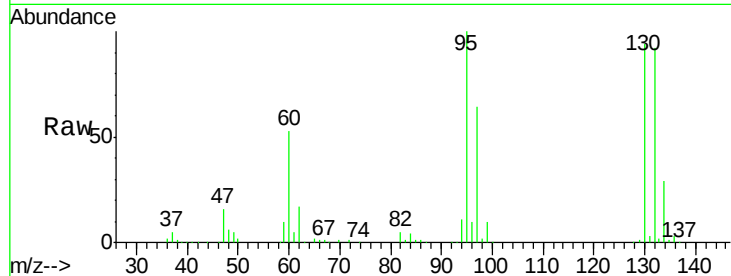
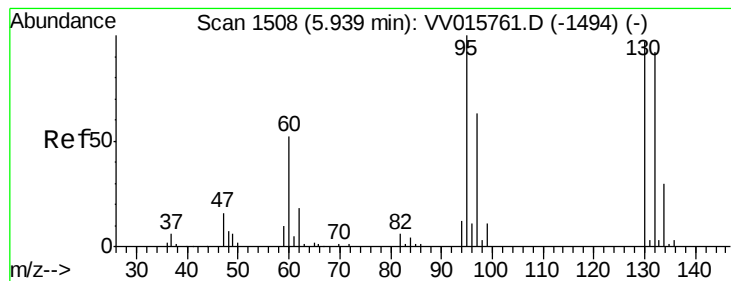
Tot Ion: 83 Resp: 7873
Ion Ratio Lower Upper
83 100
85 61.2 46.1 85.5



#29
1,1,1-Trichloroethane
Concen: 0.844 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV015766.D
Acq: 28 Apr 2020 23:29

Tgt Ion: 97 Resp: 12754
Ion Ratio Lower Upper
97 100
99 62.1 51.6 77.4
61 47.9 38.6 57.8





#34

Trichloroethene

Concen: 41.062 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV015766.D

Acq: 28 Apr 2020 23:29

Instrument :
MSVOA_V
ClientSampleId :
BFSB8

Tot Ion: 95 Resp: 386256

Ion Ratio Lower Upper

95 100

97 64.5 44.7 82.9

132 91.6 65.2 121.0

130 94.1 65.0 120.6

