

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016465.D
 Acq On : 03 Jun 2020 18:34
 Operator : SY/MD
 Sample : L2843-08DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 01:21:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	364771	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	348161	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161141	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111677	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.44%
7) Chloroethane-d5	1.57	69	84556	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.66%
11) 1,1-Dichloroethene-d2	2.12	63	154017	33.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.26%
21) 2-Butanone-d5	3.89	46	175031	105.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.95%
24) Chloroform-d	4.38	84	228119	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
26) 1,2-Dichloroethane-d4	5.06	65	158392	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
32) Benzene-d6	5.08	84	460621	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
36) 1,2-Dichloropropane-d6	6.09	67	143405	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.70%
41) Toluene-d8	7.34	98	411563	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%
43) trans-1,3-Dichloropropene-	7.64	79	64964	45.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.74%
47) 2-Hexanone-d5	8.11	63	135254	108.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.68%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	195727	49.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	162832	53.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.54%

Target Compounds

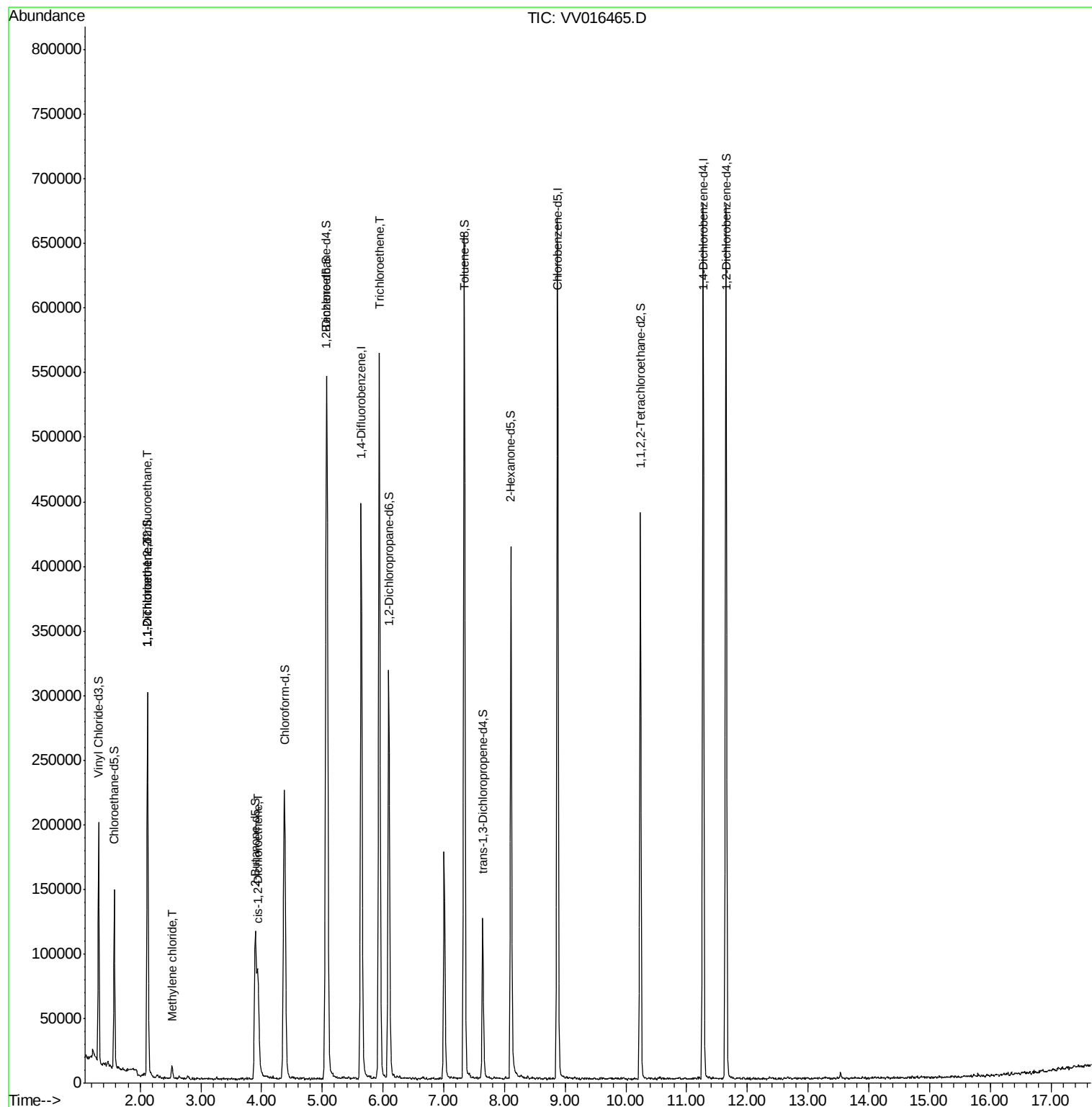
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1690	0.803 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1721	0.850 ug/L #	1
16) Methylene chloride	2.52	84	4235	1.483 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	37109	13.457 ug/L	98
34) Trichloroethene	5.94	95	190641	70.956 ug/L	97

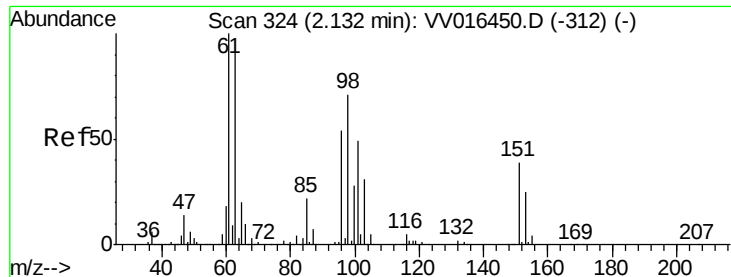
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 04 01:16:39 2020
Response via : Initial Calibration





#10

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

Concen: 0.803 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016465.D

Acq: 03 Jun 2020 18:34

Instrument :

MSVOA_V

ClientSampleId :

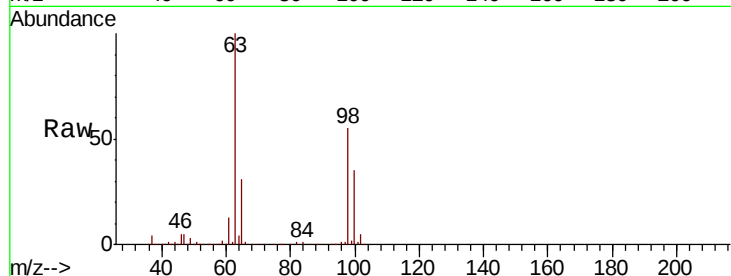
Tot Ion:101 Resp: 1690

Ion Ratio Lower Upper

101 100

85 2.8 35.6 53.4#

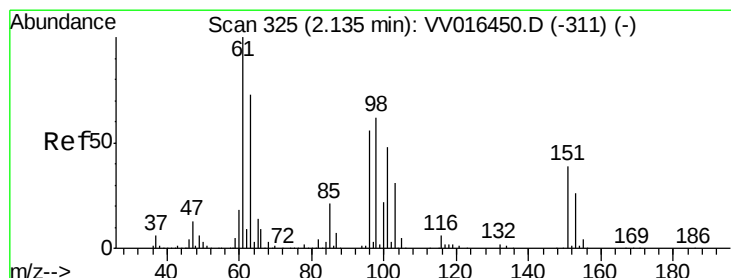
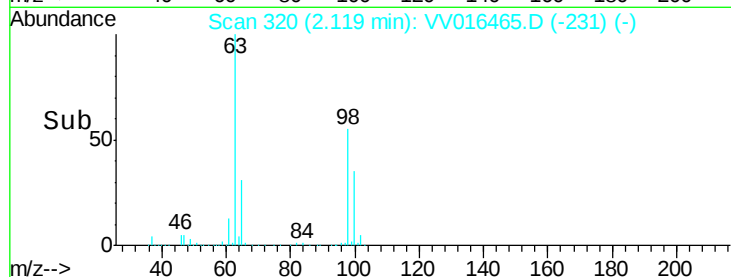
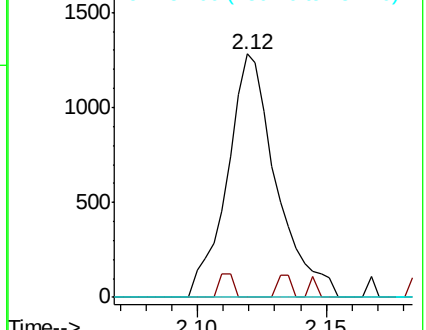
151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.850 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016465.D

Acq: 03 Jun 2020 18:34

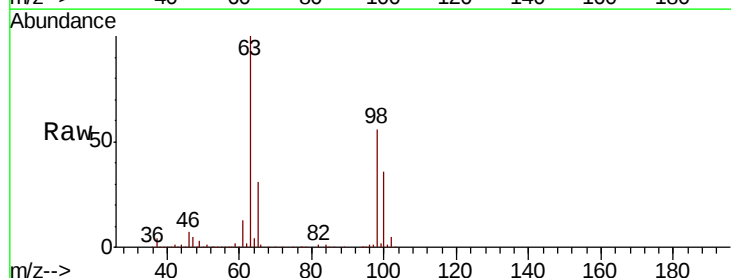
Tgt Ion: 96 Resp: 1721

Ion Ratio Lower Upper

96 100

61 1282.3 125.5 233.1#

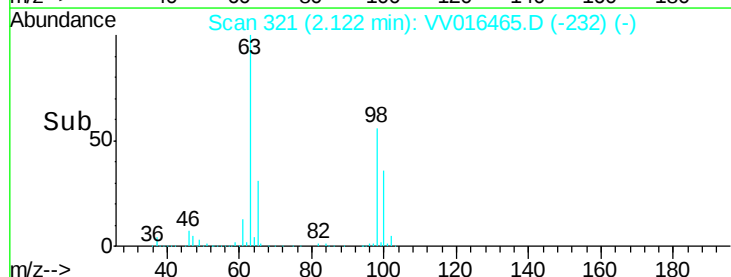
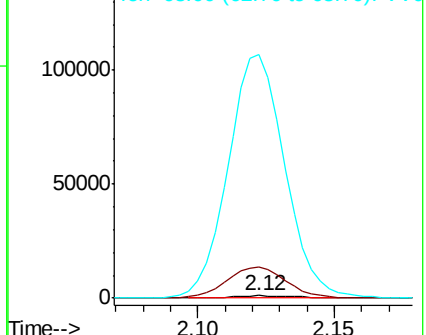
63 10170.7 104.0 193.1#

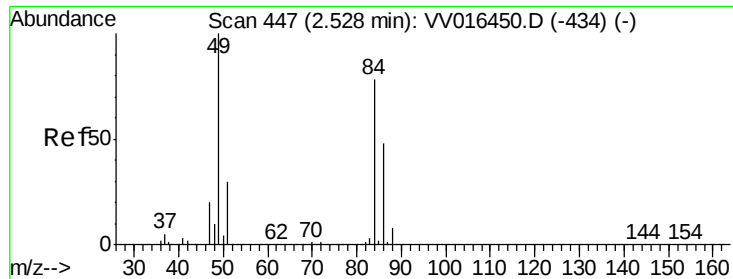


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

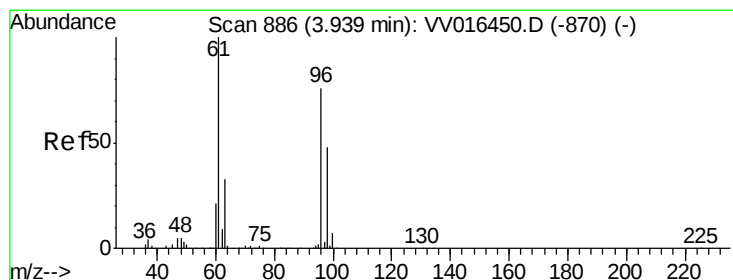
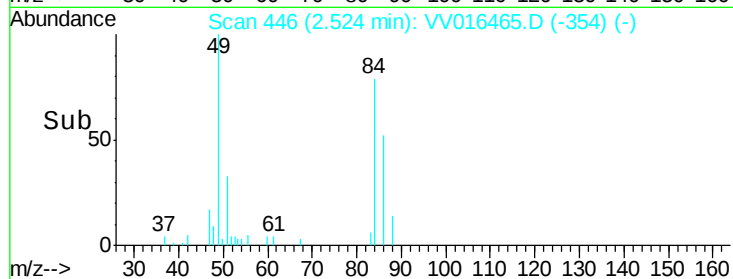
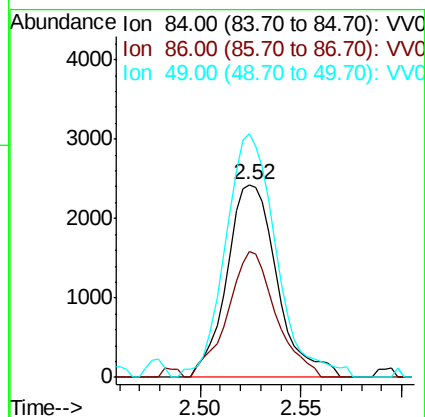
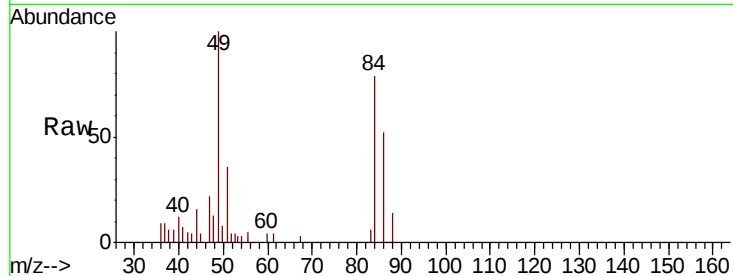




#16
Methvlene chloride
Concen: 1.483 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV016465.D
Acq: 03 Jun 2020 18:34

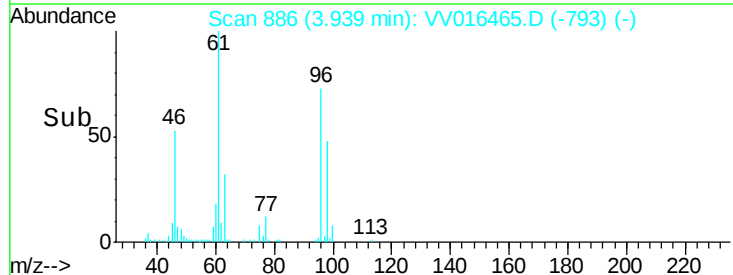
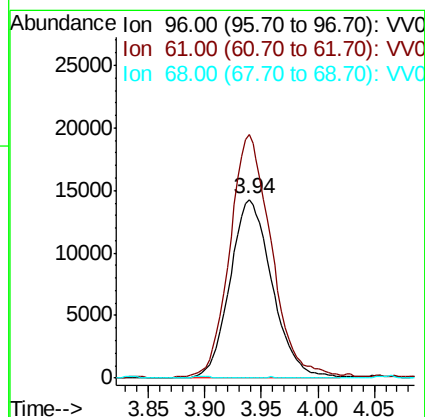
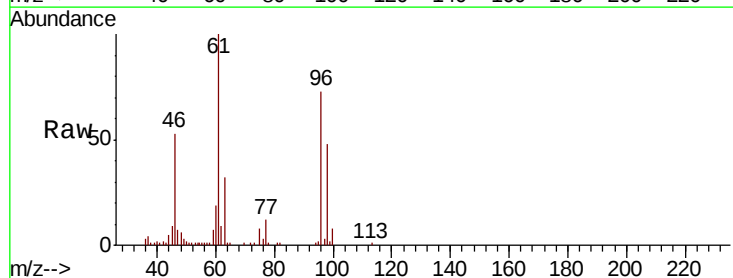
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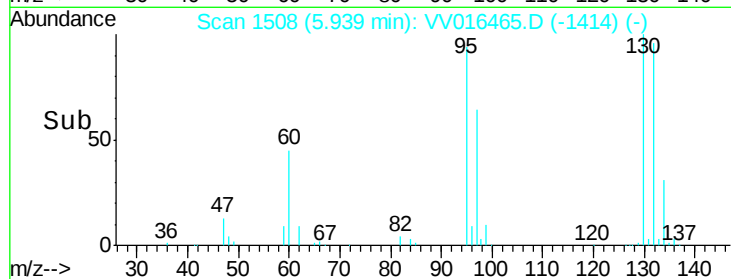
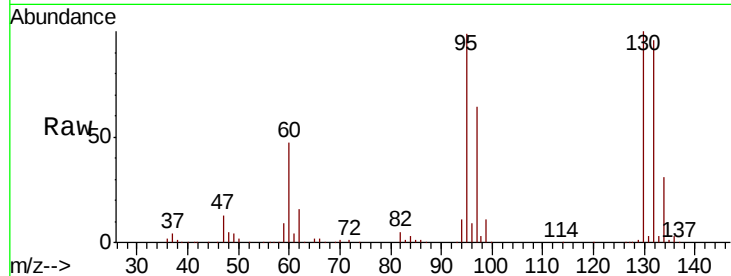
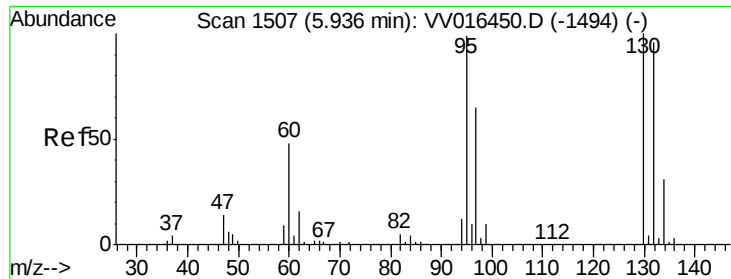
Tot Ion: 84 Resp: 4235
Ion Ratio Lower Upper
84 100
86 65.1 45.1 83.9
49 126.4 92.4 171.6



#20
cis-1,2-Dichloroethene
Concen: 13.457 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016465.D
Acq: 03 Jun 2020 18:34

Tgt Ion: 96 Resp: 37109
Ion Ratio Lower Upper
96 100
61 136.1 93.4 173.4
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 70.956 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016465.D

Acq: 03 Jun 2020 18:34

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 190641

Ion Ratio Lower Upper

95 100

97 64.6 42.8 79.6

132 97.2 65.6 121.8

130 101.1 69.0 128.1

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

