

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016457.D
 Acq On : 03 Jun 2020 15:23
 Operator : SY/MD
 Sample : VIBLK50
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 01:19:37 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	374919	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	353353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160743	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108242	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.52%
7) Chloroethane-d5	1.58	69	85250	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.94%
11) 1,1-Dichloroethene-d2	2.12	63	151469	32.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.36%
21) 2-Butanone-d5	3.90	46	196776	115.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.89%
24) Chloroform-d	4.37	84	246307	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	5.05	65	172097	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
32) Benzene-d6	5.07	84	486734	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.84%
36) 1,2-Dichloropropane-d6	6.09	67	155537	52.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.48%
41) Toluene-d8	7.34	98	436202	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%
43) trans-1,3-Dichloropropene-	7.64	79	70889	49.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.64%
47) 2-Hexanone-d5	8.11	63	146762	116.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	207457	51.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	170002	56.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.56%

Target Compounds

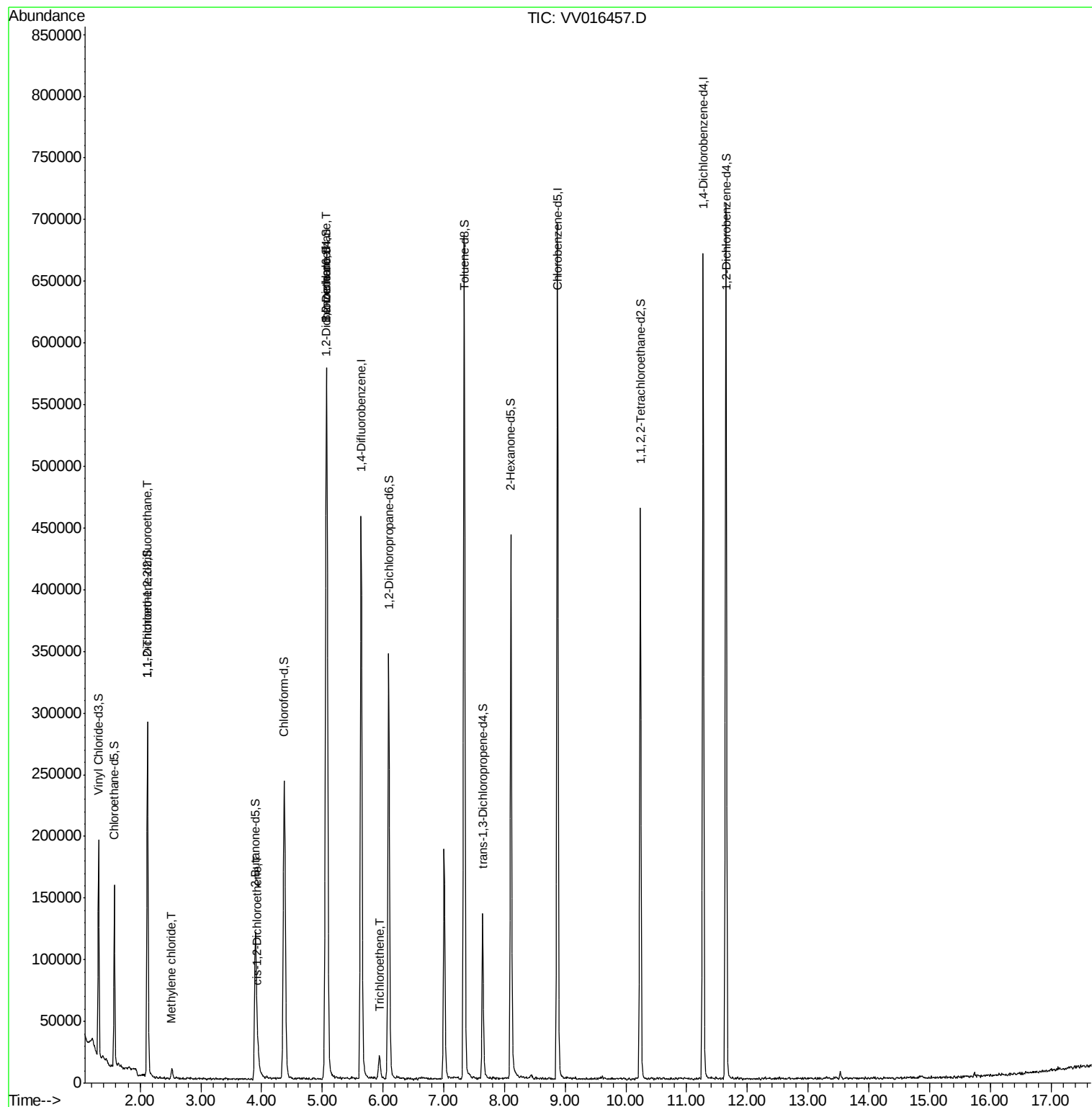
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1606	0.742 ug/L	# 21
16) Methylene chloride	2.52	84	3132	1.067 ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	4781	1.687 ug/L	85
27) 1,2-Dichloroethane	5.07	62	3358	0.812 ug/L	99
34) Trichloroethene	5.94	95	5498	2.016 ug/L	93

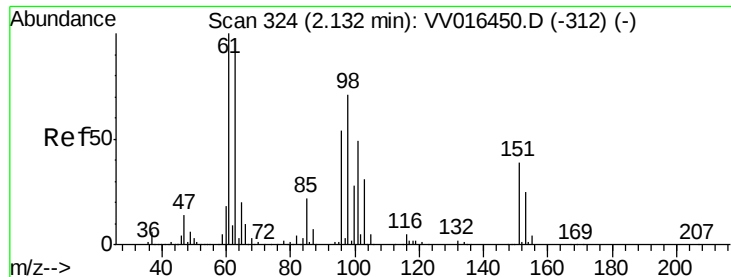
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.742 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016457.D

Acq: 03 Jun 2020 15:23

Instrument :

MSVOA_V

ClientSampled :

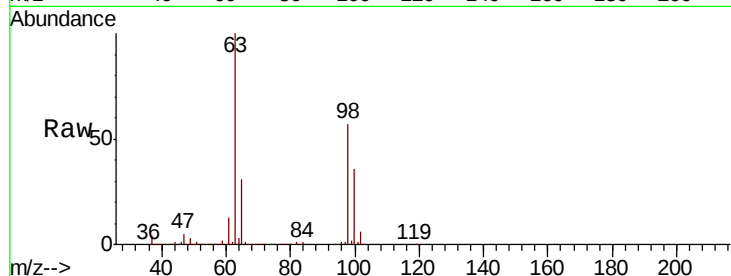
Tot Ion:101 Resp: 1606

Ion Ratio Lower Upper

101 100

85 4.0 35.6 53.4#

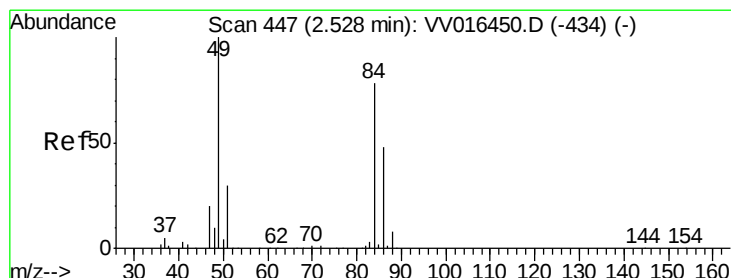
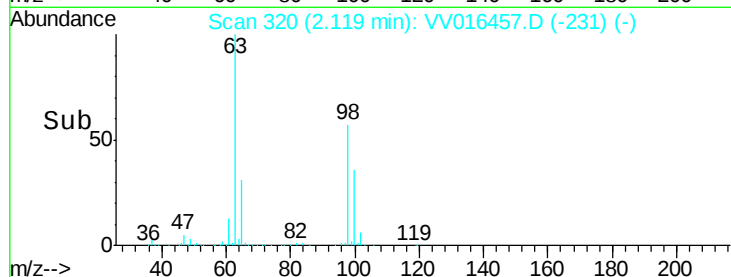
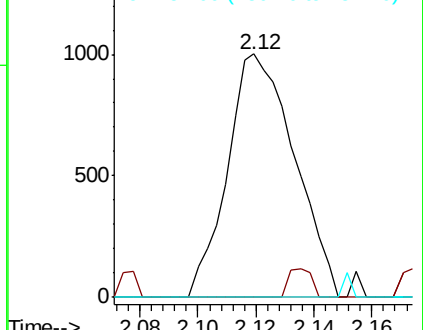
151 0.0 61.8 92.8#



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



#16

Methylene chloride

Concen: 1.067 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV016457.D

Acq: 03 Jun 2020 15:23

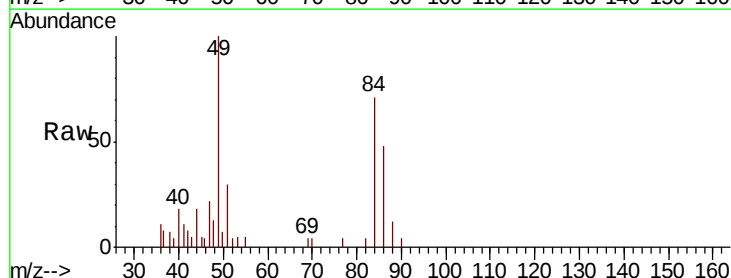
Tgt Ion: 84 Resp: 3132

Ion Ratio Lower Upper

84 100

86 67.3 45.1 83.9

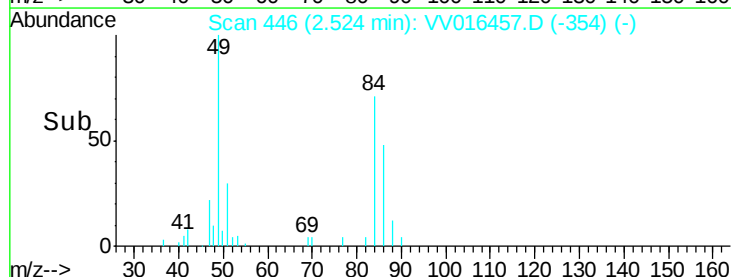
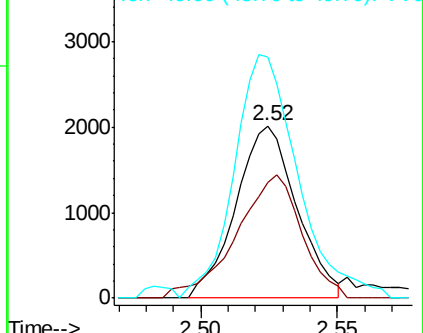
49 139.9 92.4 171.6

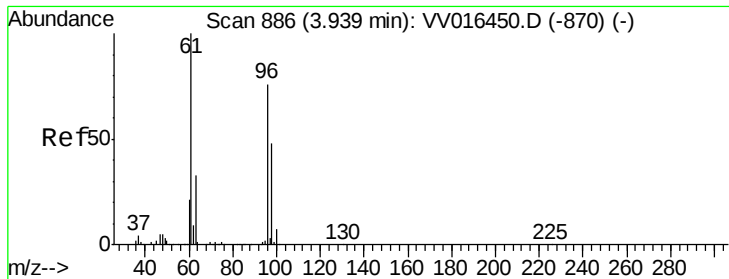


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

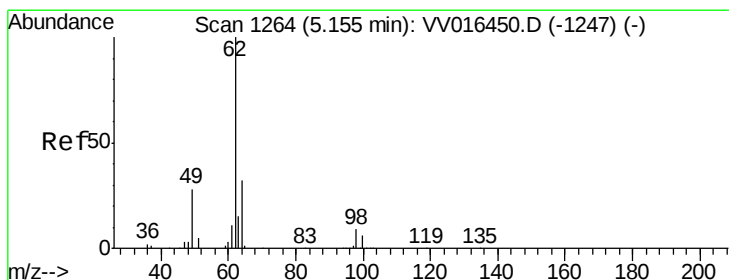
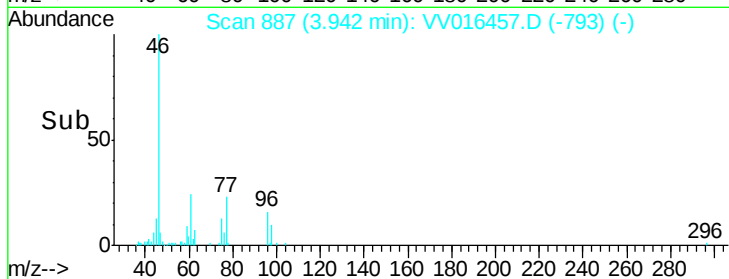
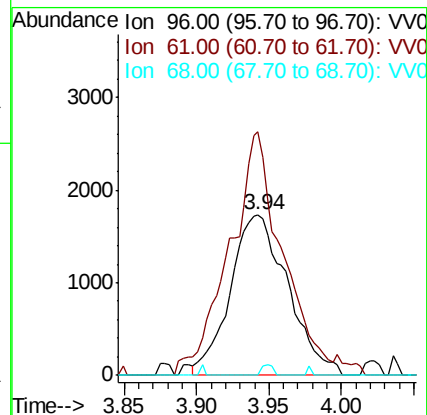
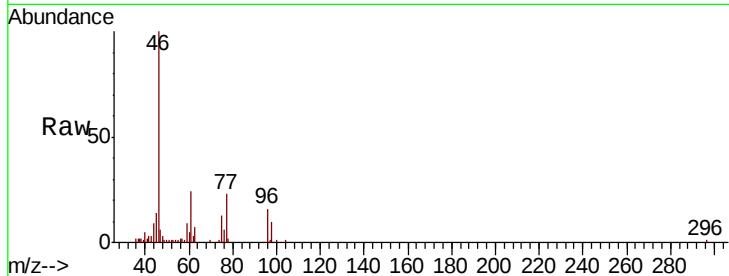




#20
 cis-1,2-Dichloroethene
 Concen: 1.687 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV016457.D
 Acq: 03 Jun 2020 15:23

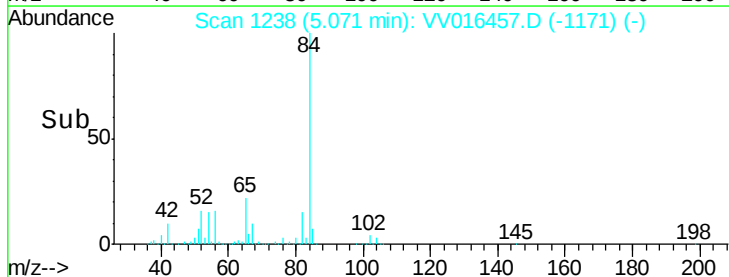
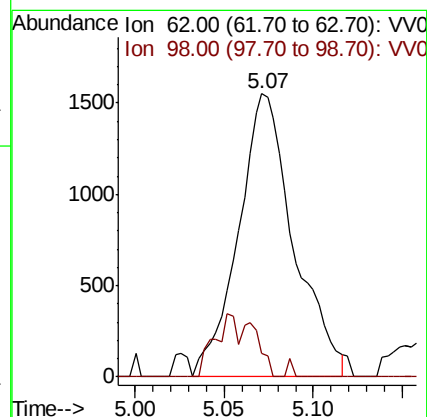
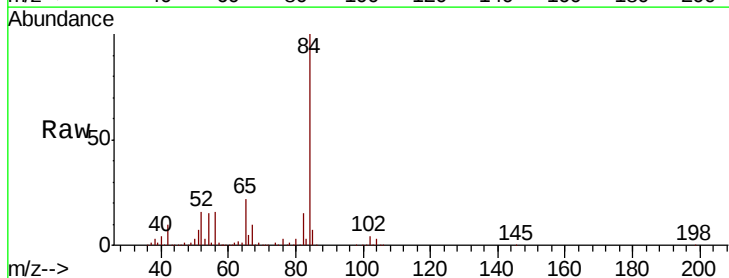
Instrument :
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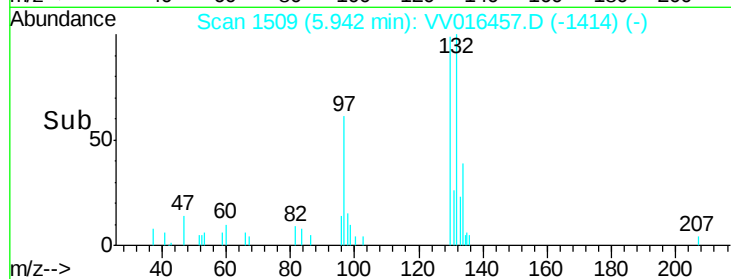
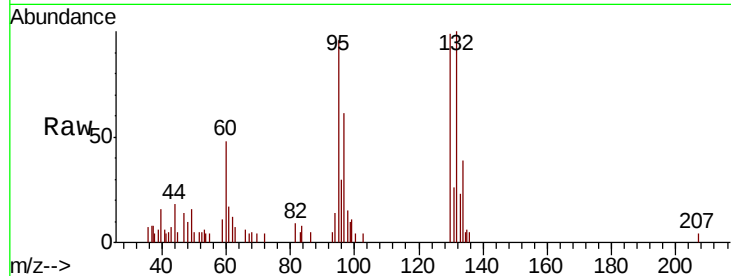
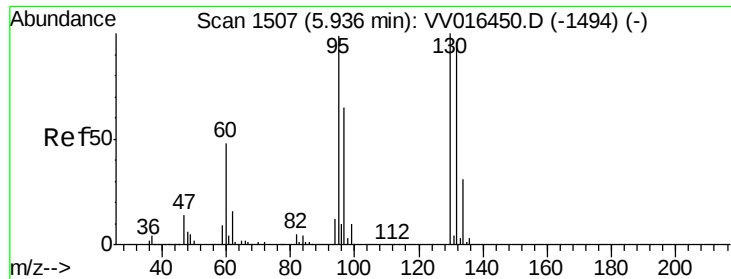
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.4	93.4	173.4
68	0.0	0.0	0.0



#27
 1,2-Dichloroethane
 Concen: 0.812 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV016457.D
 Acq: 03 Jun 2020 15:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.9	10.3





#34

Trichloroethene

Concen: 2.016 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016457.D

Acq: 03 Jun 2020 15:23

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 5498

Ion Ratio Lower Upper

95 100

97 63.3 42.8 79.6

132 104.6 65.6 121.8

130 104.0 69.0 128.1

