

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017898.D
 Acq On : 10 Aug 2020 15:40
 Operator : SY/MD
 Sample : L3608-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 11 02:21:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	239781	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	224008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114954	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52357	42.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.56%
7) Chloroethane-d5	1.58	69	47900	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.06%
11) 1,1-Dichloroethene-d2	2.12	63	94806	31.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.72%
21) 2-Butanone-d5	3.91	46	78368	101.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.07%
24) Chloroform-d	4.37	84	148250	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.06	65	116474	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.08	84	251490	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
36) 1,2-Dichloropropane-d6	6.09	67	66348	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.18%
41) Toluene-d8	7.34	98	244052	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%
43) trans-1,3-Dichloropropene-	7.64	79	40877	48.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.80%
47) 2-Hexanone-d5	8.11	63	50132	105.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	100376	49.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	119159	50.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.70%

Target Compounds

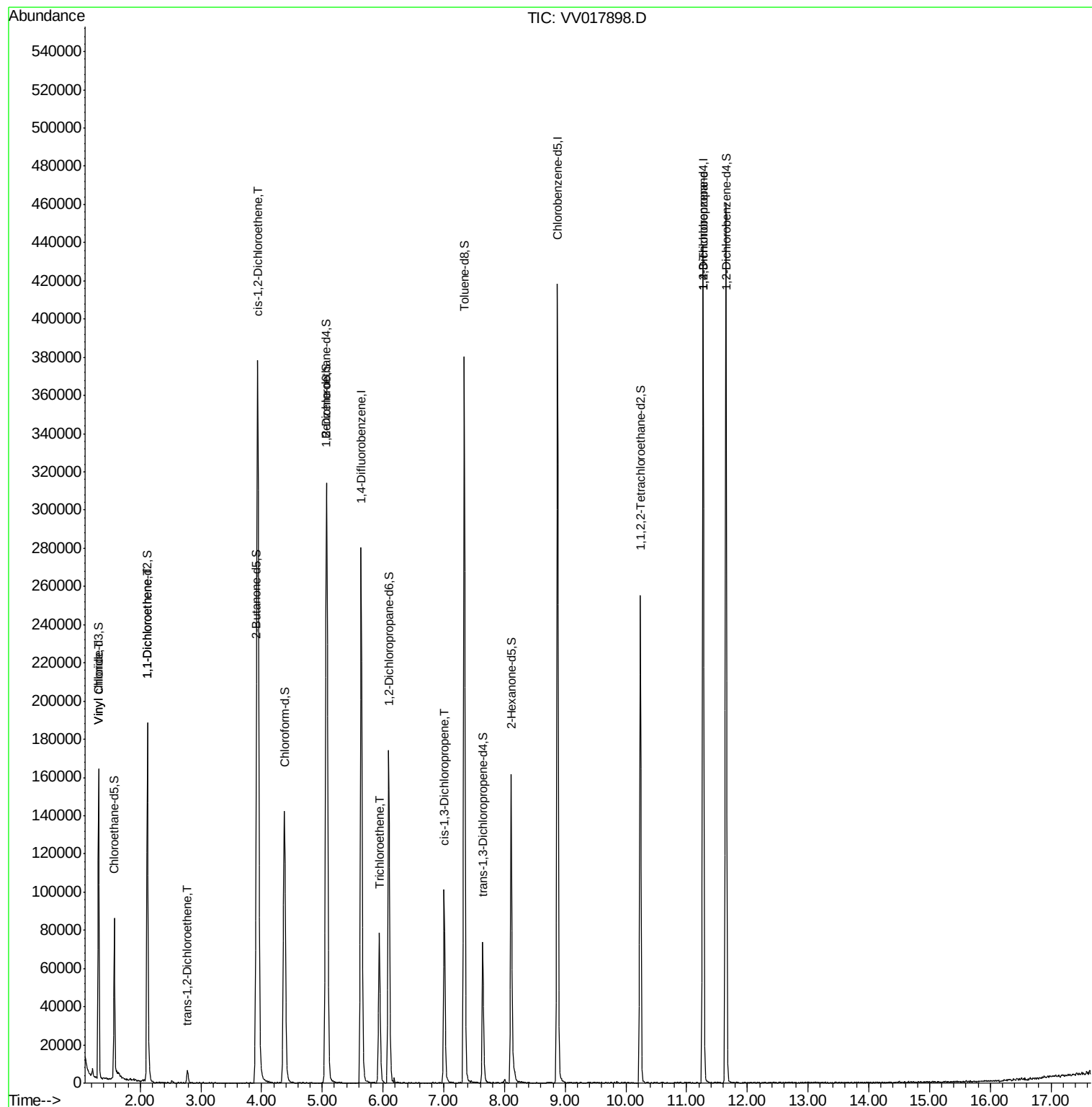
					Ovalue
5) Vinyl chloride	1.32	62	48366	34.522	ug/L 98
12) 1,1-Dichloroethene	2.12	96	1038	0.735	ug/L # 1
17) trans-1,2-Dichloroethene	2.78	96	2392	1.659	ug/L 96
20) cis-1,2-Dichloroethene	3.94	96	203922	130.953	ug/L 99
34) Trichloroethene	5.94	95	23399	14.620	ug/L 95
39) cis-1,3-Dichloropropene	7.01	75	2927	1.469	ug/L 83
59) 1,2,3-Trichloropropane	11.27	75	10415	5.838	ug/L # 87

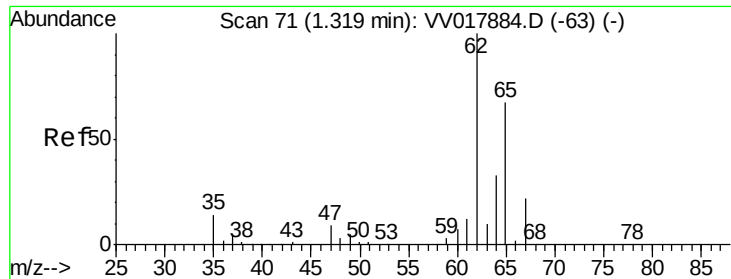
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 34.522 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017898.D

Acq: 10 Aug 2020 15:40

Instrument :

MSVOA_V

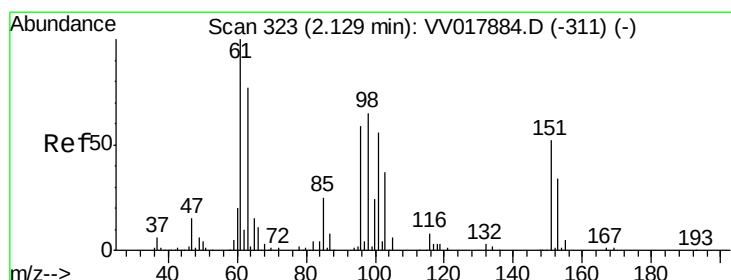
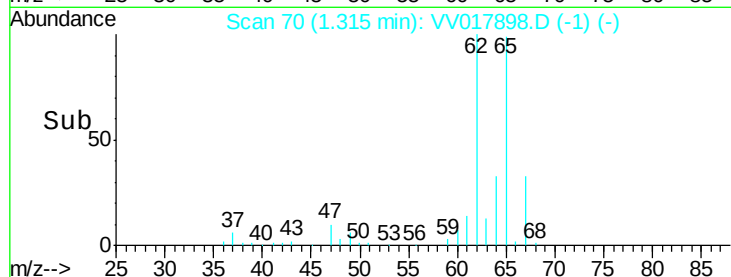
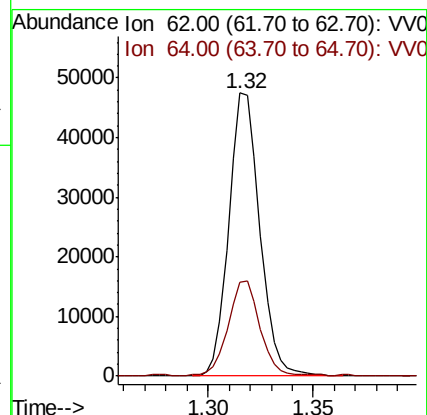
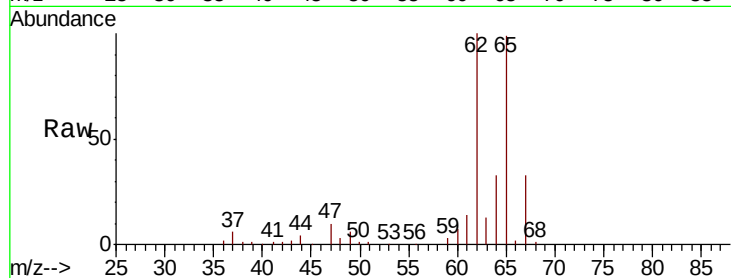
ClientSampled :

Tot Ion: 62 Resp: 48366

Ion Ratio Lower Upper

62 100

64 33.0 24.0 44.6



#12

1,1-Dichloroethene

Concen: 0.735 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017898.D

Acq: 10 Aug 2020 15:40

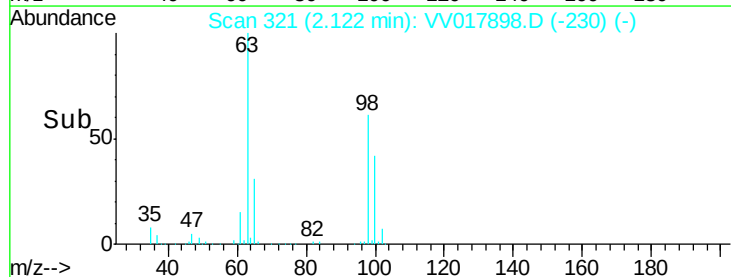
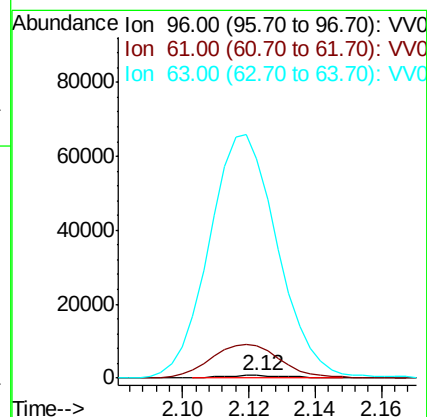
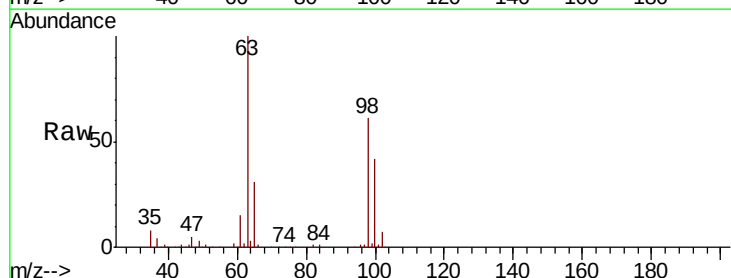
Tgt Ion: 96 Resp: 1038

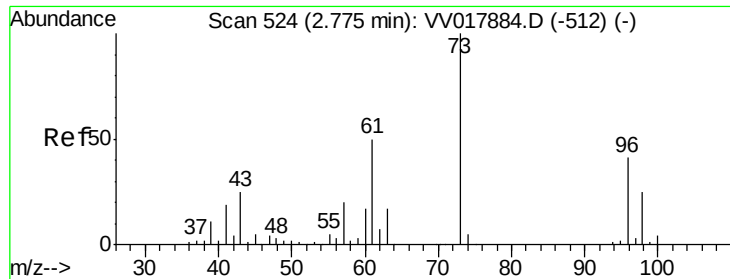
Ion Ratio Lower Upper

96 100

61 1265.6 121.1 224.9#

63 8722.5 98.1 182.1#





#17

trans-1,2-Dichloroethene

Concen: 1.659 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017898.D

Acq: 10 Aug 2020 15:40

Instrument :

MSVOA_V

ClientSampleId :

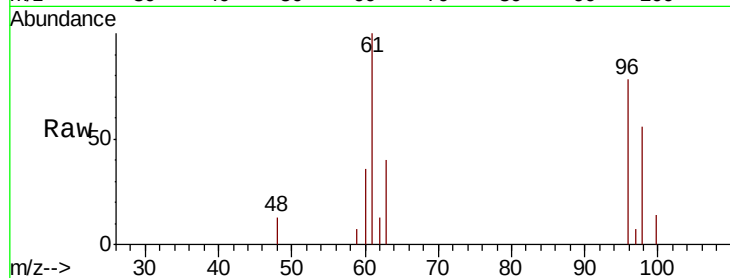
Tot Ion: 96 Resp: 2392

Ion Ratio Lower Upper

96 100

61 128.0 92.4 171.6

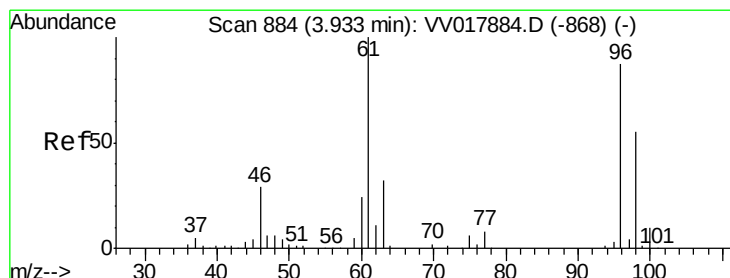
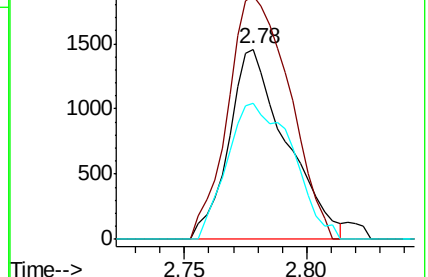
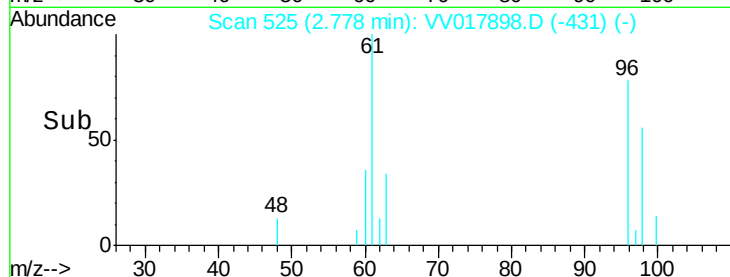
98 71.3 47.5 88.1



Abundance Ion 96.00 (95.70 to 96.70): VV017898.D (-431) (-)

Ion 61.00 (60.70 to 61.70): VV017898.D (-431) (-)

Ion 98.00 (97.70 to 98.70): VV017898.D (-431) (-)



#20

cis-1,2-Dichloroethene

Concen: 130.953 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017898.D

Acq: 10 Aug 2020 15:40

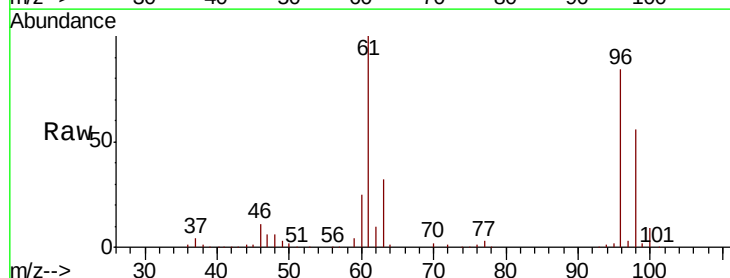
Tgt Ion: 96 Resp: 203922

Ion Ratio Lower Upper

96 100

61 119.4 84.4 156.8

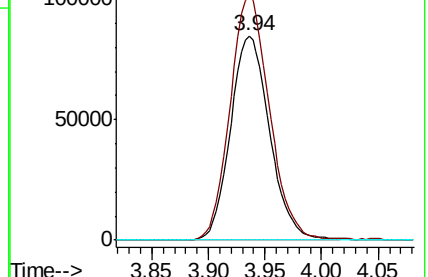
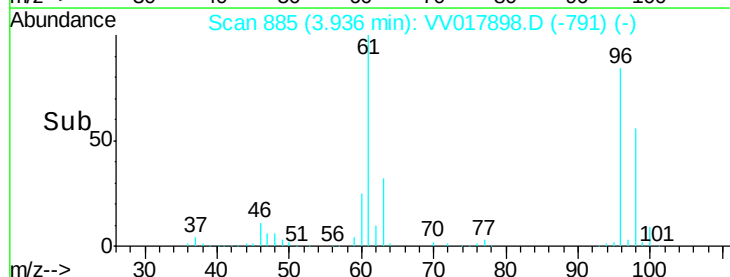
68 0.0 0.0 0.0

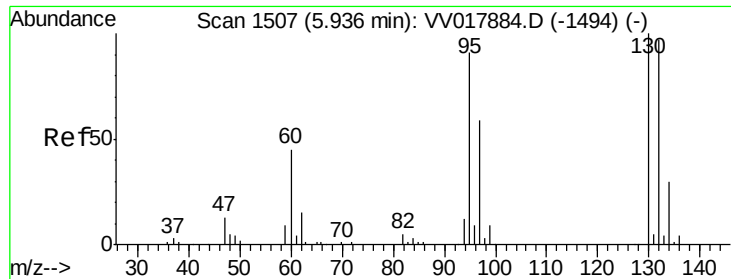


Abundance Ion 96.00 (95.70 to 96.70): VV017898.D (-791) (-)

Ion 61.00 (60.70 to 61.70): VV017898.D (-791) (-)

Ion 68.00 (67.70 to 68.70): VV017898.D (-791) (-)





#34

Trichloroethene

Concen: 14.620 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017898.D

Acq: 10 Aug 2020 15:40

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 23399

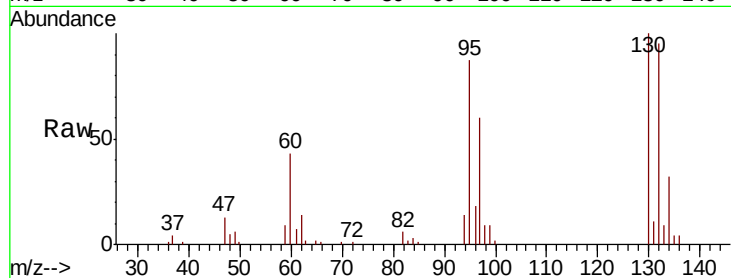
Ion Ratio Lower Upper

95 100

97 69.6 44.7 83.1

132 109.2 73.6 136.8

130 115.1 77.6 144.0



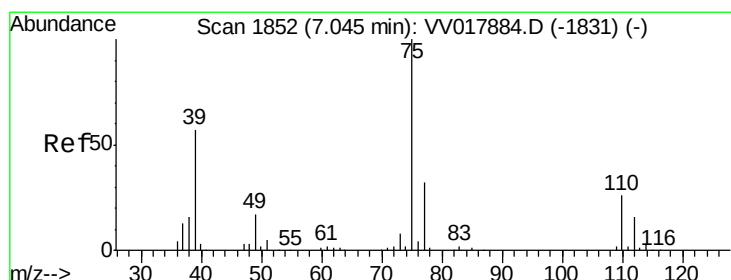
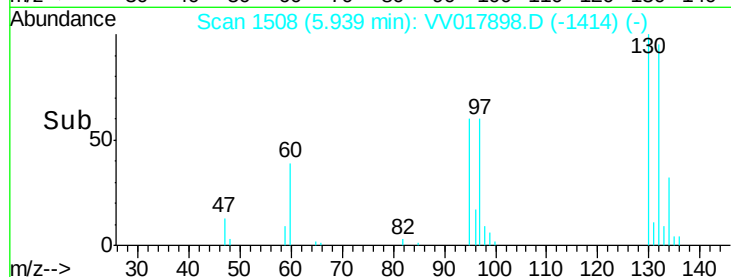
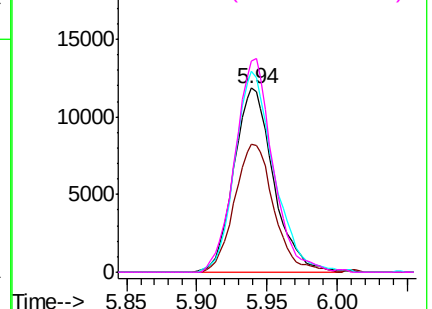
Abundance

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): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.469 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.03 min

Lab File: VV017898.D

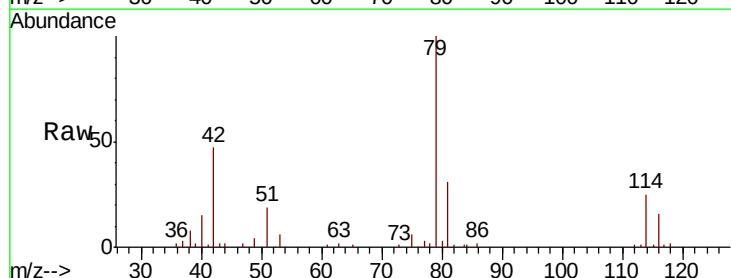
Acq: 10 Aug 2020 15:40

Tgt Ion: 75 Resp: 2927

Ion Ratio Lower Upper

75 100

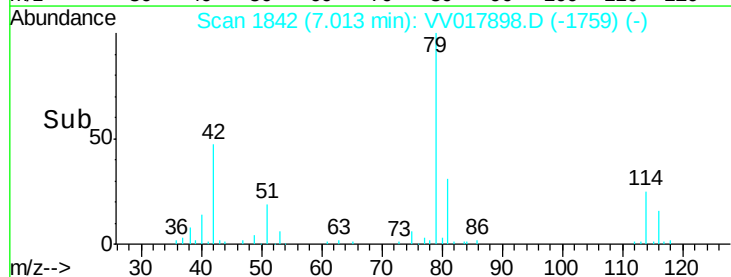
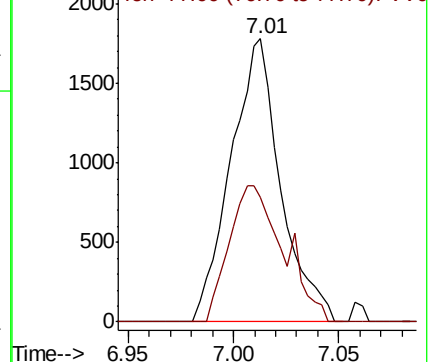
77 43.9 23.7 44.1

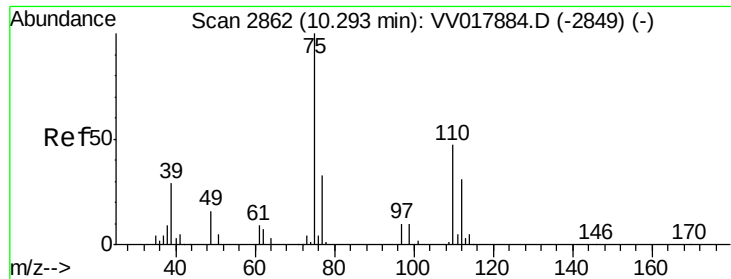


Abundance

Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.838 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017898.D

Acq: 10 Aug 2020 15:40

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 10415

Ion Ratio Lower Upper

75 100

77 40.4 26.4 39.6#

