

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018498.D
 Acq On : 28 Sep 2020 17:13
 Operator : SY/MD
 Sample : L4117-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA4

Quant Time: Sep 29 03:34:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	252687	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	243760	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121639	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96616	46.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.84%
7) Chloroethane-d5	1.58	69	85043	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.94%
11) 1,1-Dichloroethene-d2	2.12	63	142456	37.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.42%
21) 2-Butanone-d5	3.92	46	156594	124.24	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.24%
24) Chloroform-d	4.38	84	195221	54.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.28%
26) 1,2-Dichloroethane-d4	5.06	65	127499	55.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.34%
32) Benzene-d6	5.08	84	395676	56.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.40%
36) 1,2-Dichloropropane-d6	6.10	67	128788	58.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.16%
41) Toluene-d8	7.34	98	351204	55.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.44%
43) trans-1,3-Dichloropropene-	7.64	79	62125	55.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.28%
47) 2-Hexanone-d5	8.11	63	91083	108.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169189	60.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.60%#
64) 1,2-Dichlorobenzene-d4	11.65	152	152273	60.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.92%#

Target Compounds

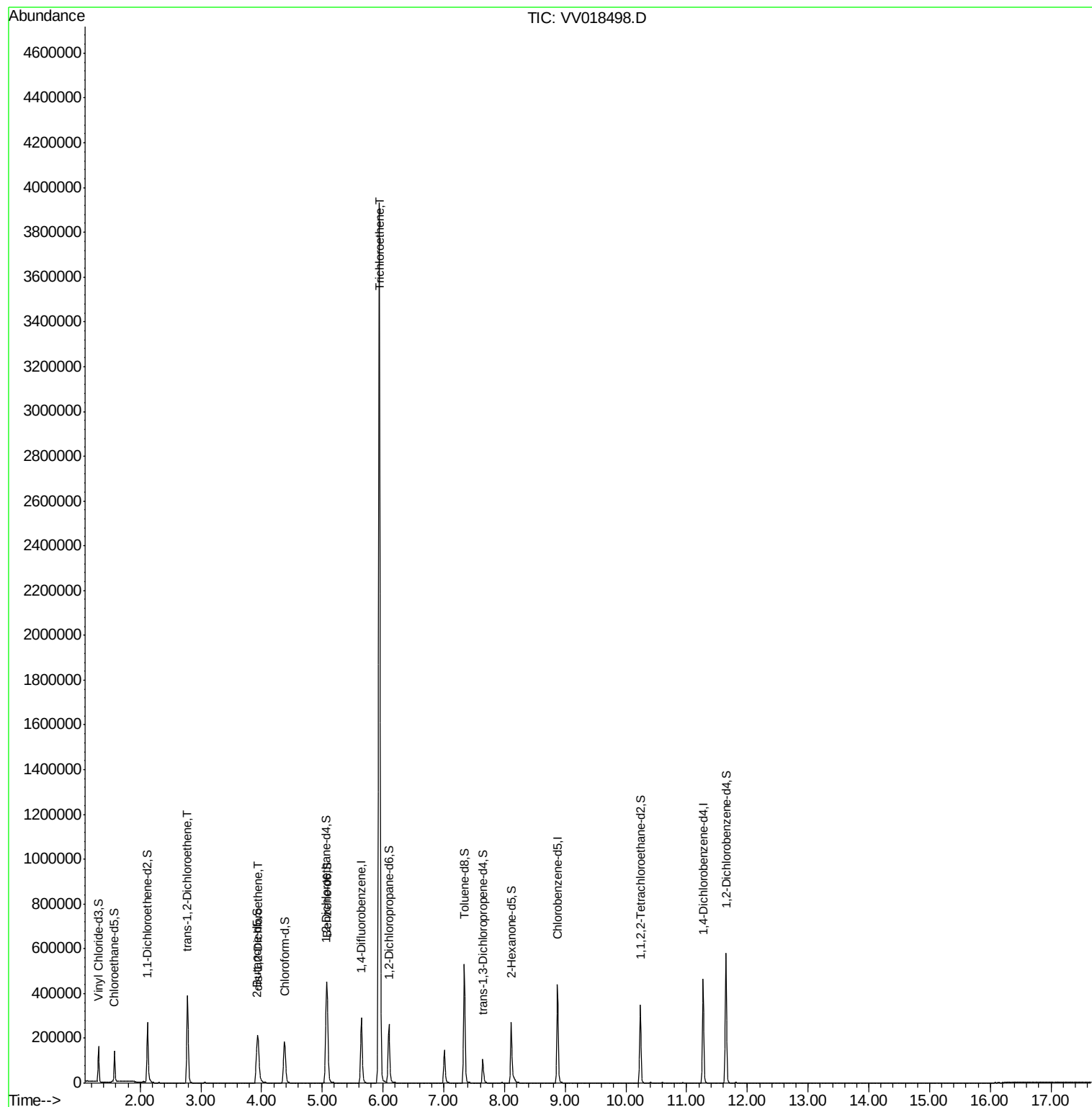
					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	149043	87.167 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	90266	49.385 ug/L	97
34) Trichloroethene	5.94	95	1373331	723.361 ug/L	99

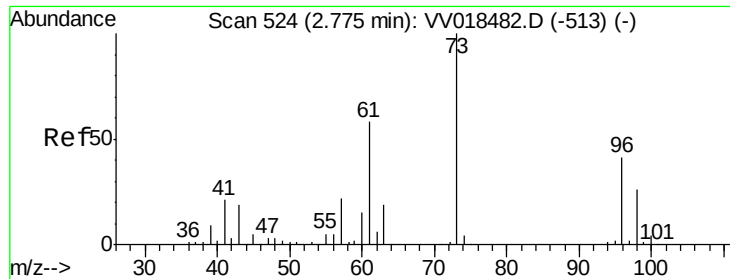
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 87.167 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV018498.D

Acq: 28 Sep 2020 17:13

Instrument :

MSVOA_V

ClientSampleId :

E0AA4

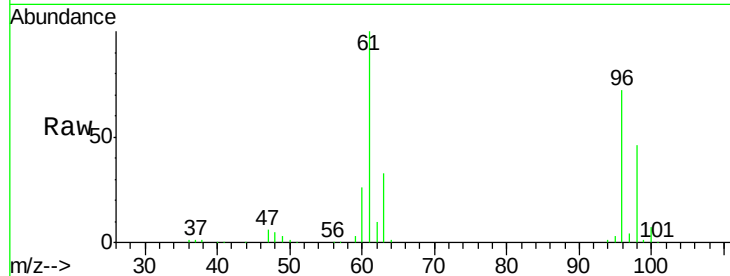
Tot Ion: 96 Resp: 149043

Ion Ratio Lower Upper

96 100

61 139.7 100.7 186.9

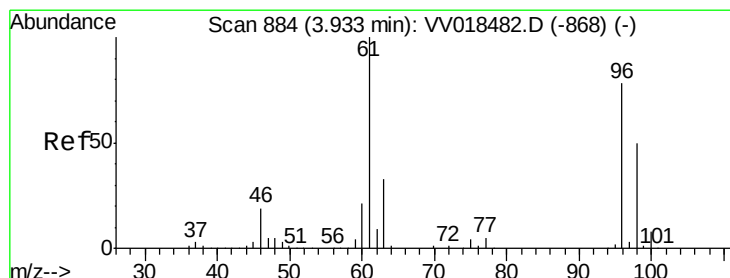
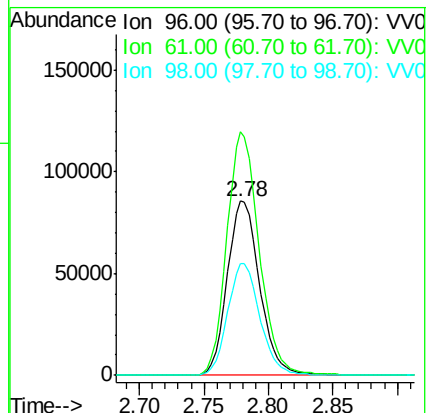
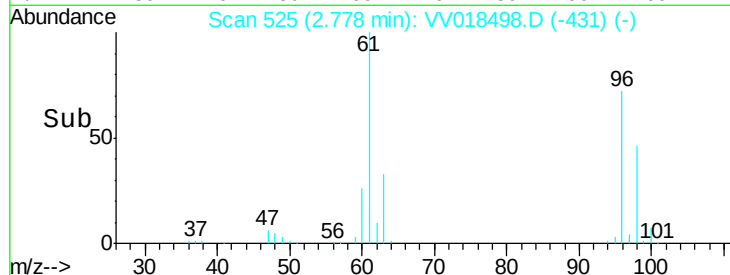
98 63.9 45.2 84.0



Abundance Ion 96.00 (95.70 to 96.70): VV018498.D (-431) (-)

Ion 61.00 (60.70 to 61.70): VV018498.D (-431) (-)

Ion 98.00 (97.70 to 98.70): VV018498.D (-431) (-)



#20

cis-1,2-Dichloroethene

Concen: 49.385 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV018498.D

Acq: 28 Sep 2020 17:13

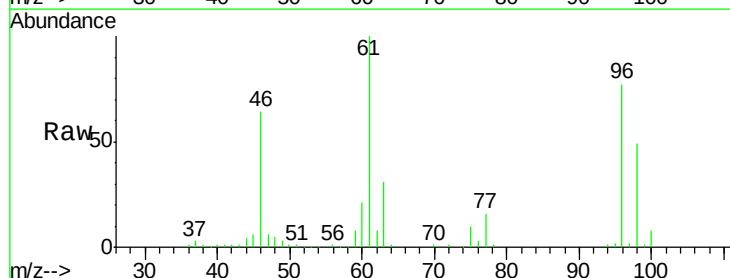
Tgt Ion: 96 Resp: 90266

Ion Ratio Lower Upper

96 100

61 130.0 93.6 173.8

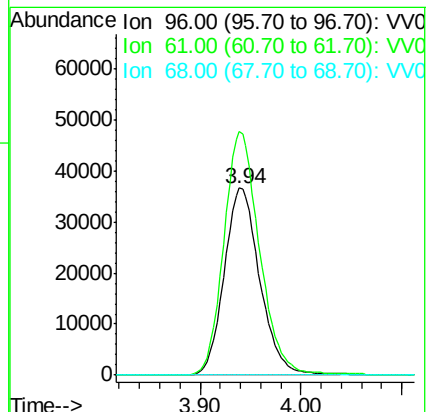
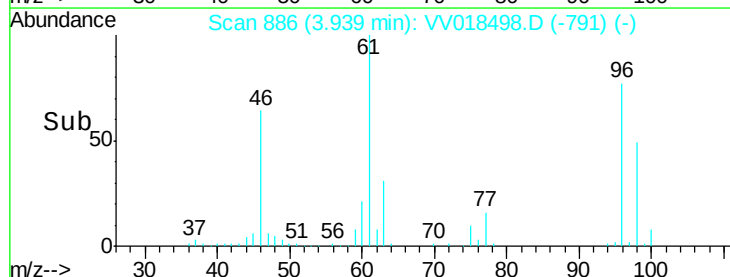
68 0.0 0.0 0.0

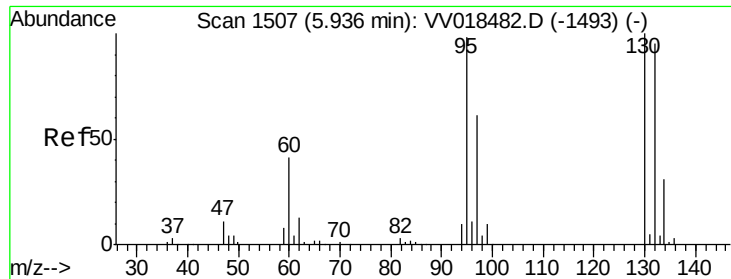


Abundance Ion 96.00 (95.70 to 96.70): VV018498.D (-791) (-)

Ion 61.00 (60.70 to 61.70): VV018498.D (-791) (-)

Ion 68.00 (67.70 to 68.70): VV018498.D (-791) (-)





#34

Trichloroethene

Concen: 723.361 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018498.D

Acq: 28 Sep 2020 17:13

Instrument :

MSVOA_V

ClientSampleId :

E0AA4

Tot Ion: 95 Resp: 1373331

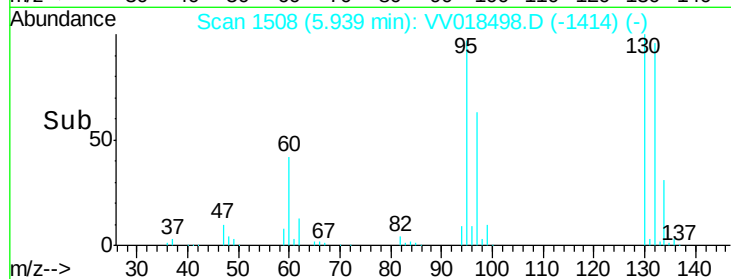
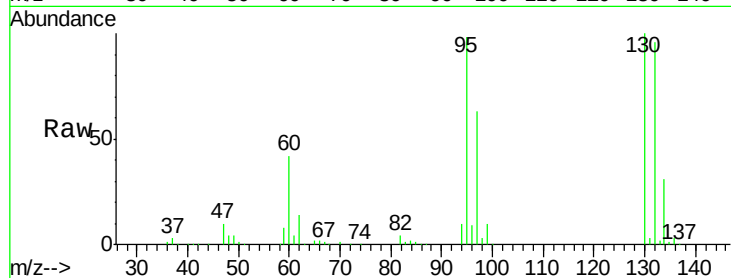
Ion Ratio Lower Upper

95 100

97 64.7 46.3 85.9

132 98.3 68.1 126.5

130 102.2 71.5 132.9



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

