

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100520\
 Data File : VV018672.D
 Acq On : 05 Oct 2020 14:23
 Operator : SY/MD
 Sample : L4237-03DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 02:12:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 02:11:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	243126	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	245175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	109945	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77871	54.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.22%
7) Chloroethane-d5	1.58	69	66719	56.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.18%
11) 1,1-Dichloroethene-d2	2.12	63	120421	41.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.90%
21) 2-Butanone-d5	3.92	46	110942	104.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.31%
24) Chloroform-d	4.37	84	141676	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
26) 1,2-Dichloroethane-d4	5.05	65	98924	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
32) Benzene-d6	5.07	84	269498	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.09	67	84649	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.22%
41) Toluene-d8	7.34	98	239932	41.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.14%
43) trans-1,3-Dichloropropene-	7.64	79	41751	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.38%
47) 2-Hexanone-d5	8.11	63	47558	66.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.73%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	92280	37.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	101168	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%

Target Compounds

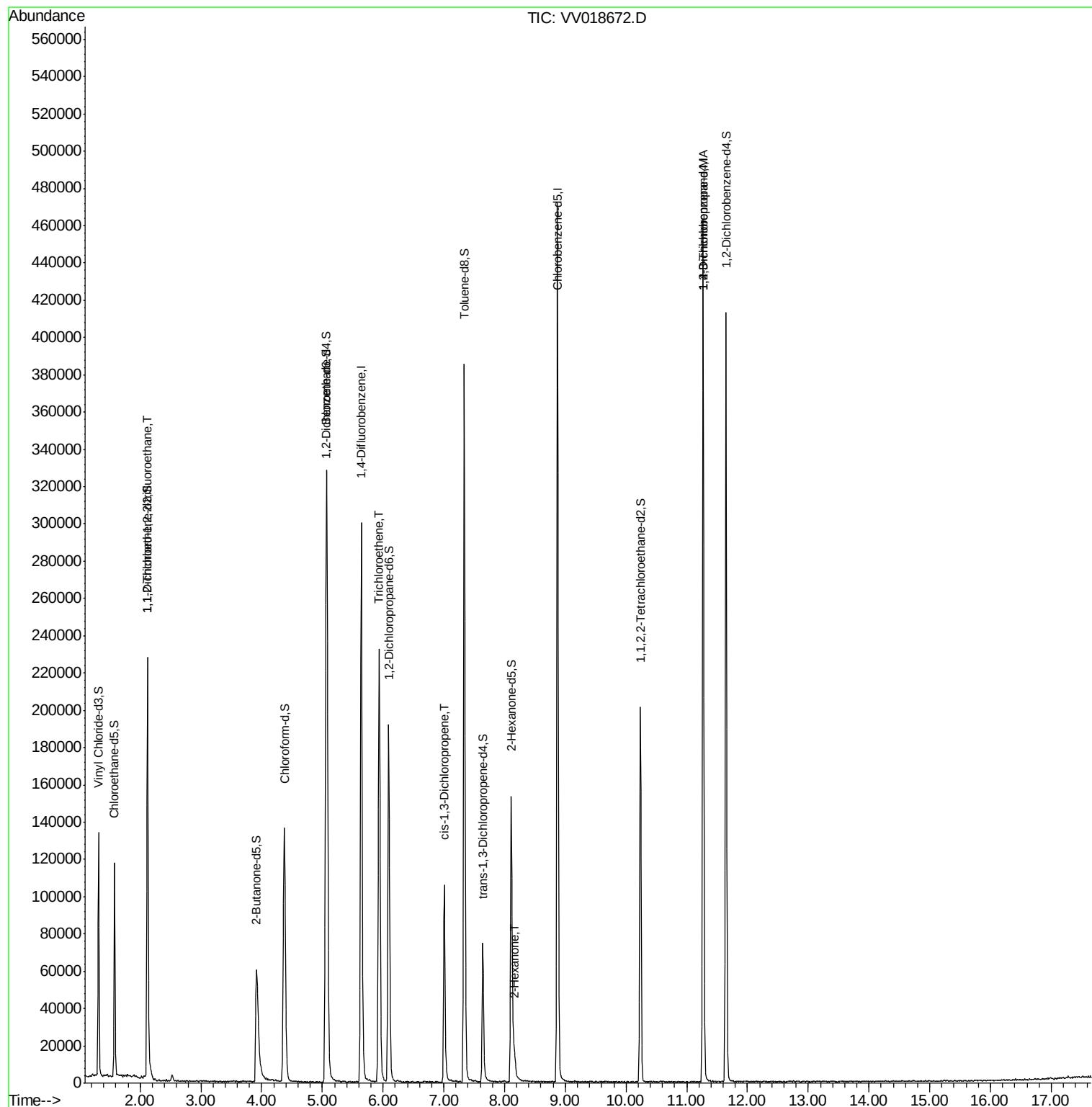
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1046	0.661 ug/L #	17
34) Trichloroethene	5.94	95	74709	35.727 ug/L	95
39) cis-1,3-Dichloropropene	7.00	75	3074	1.060 ug/L #	72
48) 2-Hexanone	8.16	43	10735	5.770 ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	13383	5.954 ug/L #	86

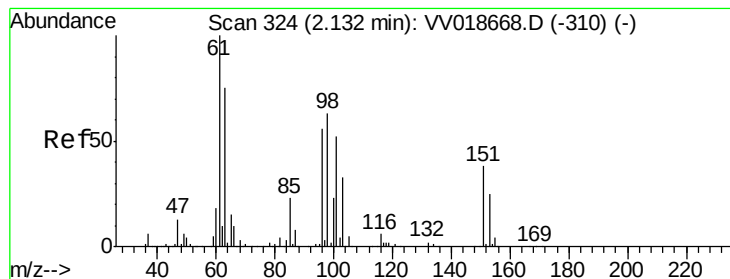
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.661 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018672.D

Acq: 05 Oct 2020 14:23

Instrument :

MSVOA_V

ClientSampleId :

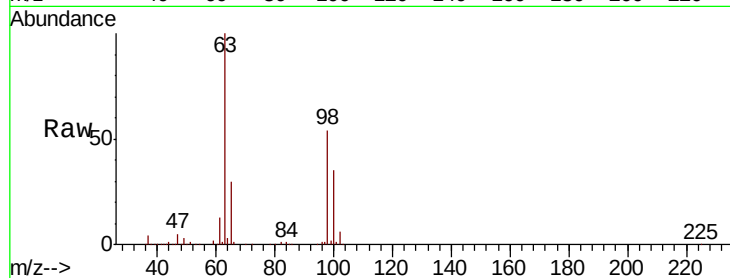
Tot Ion:101 Resp: 1046

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

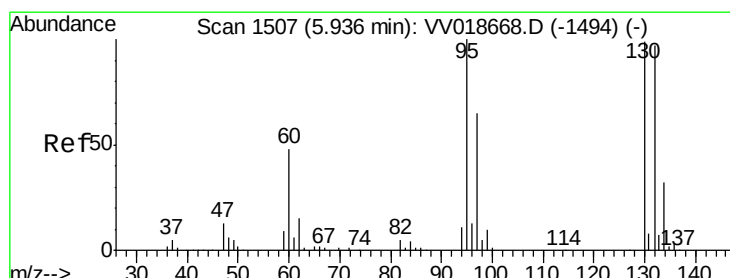
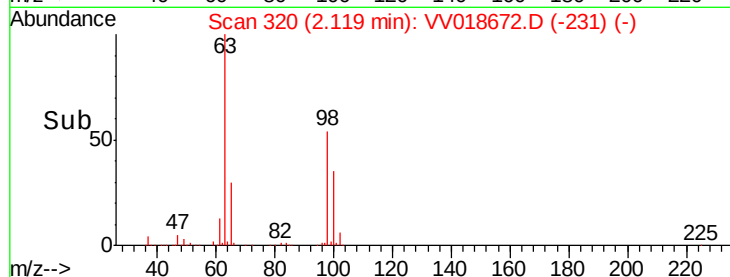
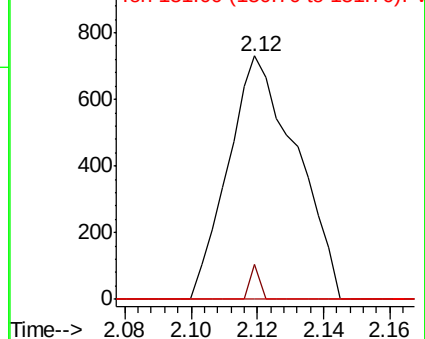
151 0.0 64.3 96.5#



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



#34

Trichloroethene

Concen: 35.727 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018672.D

Acq: 05 Oct 2020 14:23

Tgt Ion: 95 Resp: 74709

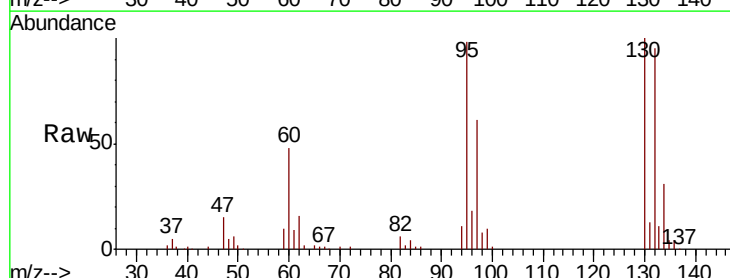
Ion Ratio Lower Upper

95 100

97 62.5 45.9 85.3

132 96.8 70.8 131.4

130 102.0 75.3 139.8

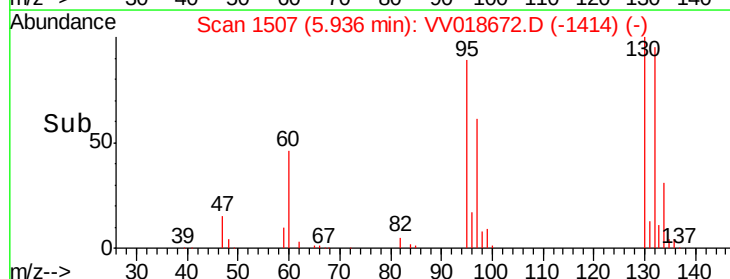
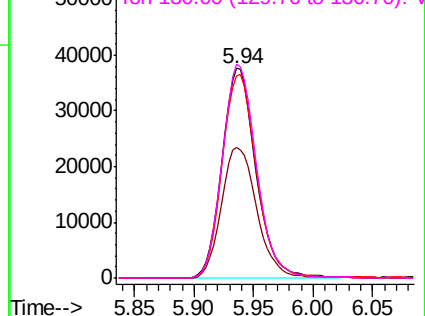


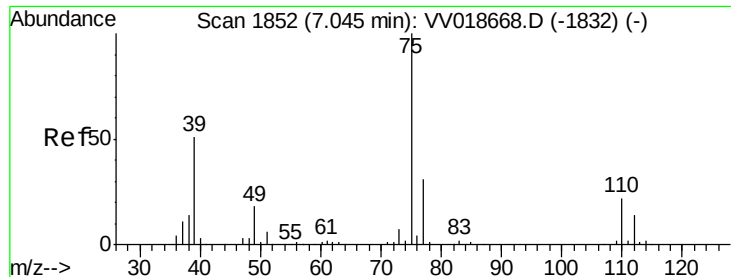
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

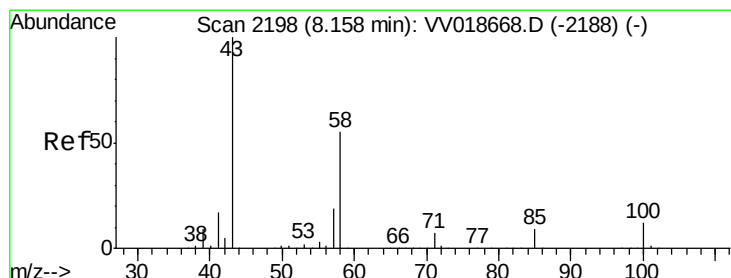
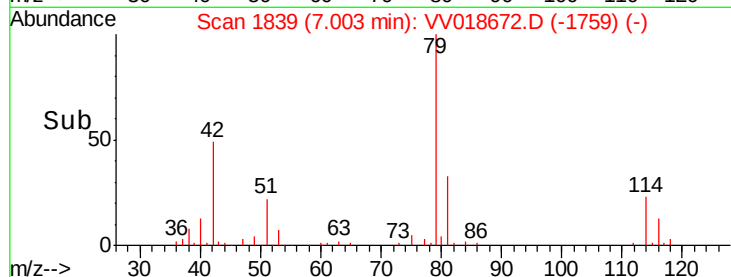
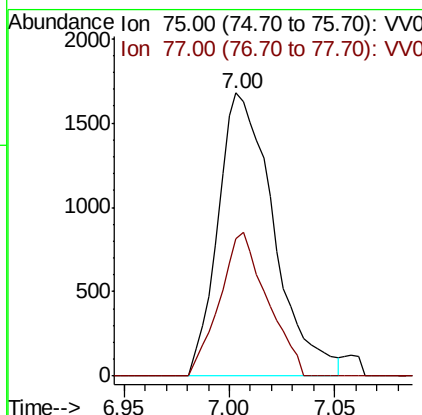
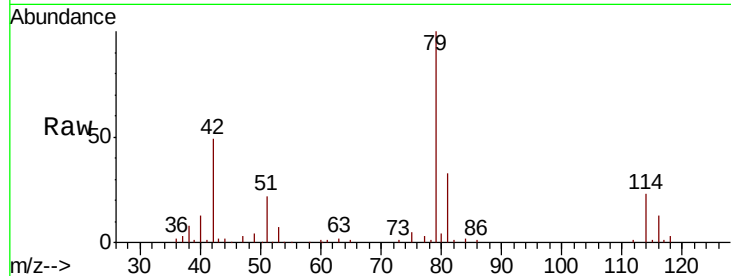




#39
 cis-1,3-Dichloropropene
 Concen: 1.060 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV018672.D
 Acq: 05 Oct 2020 14:23

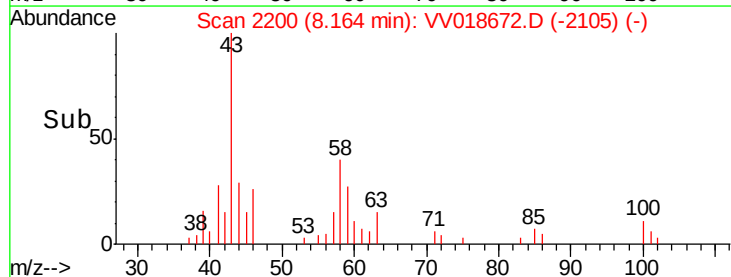
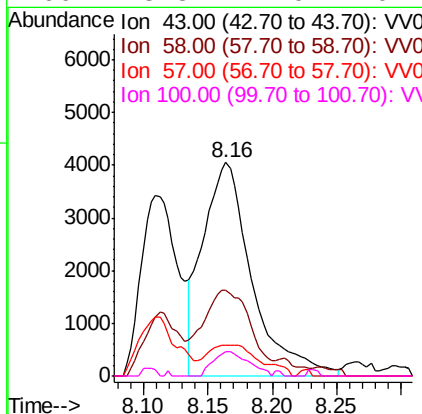
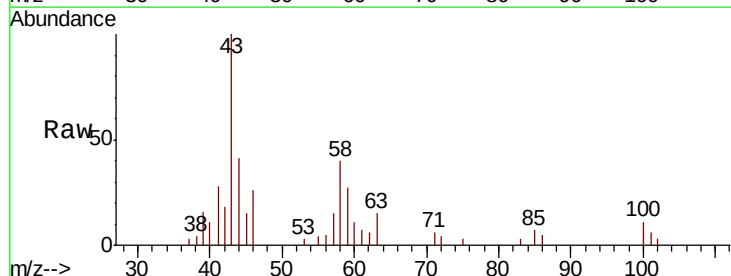
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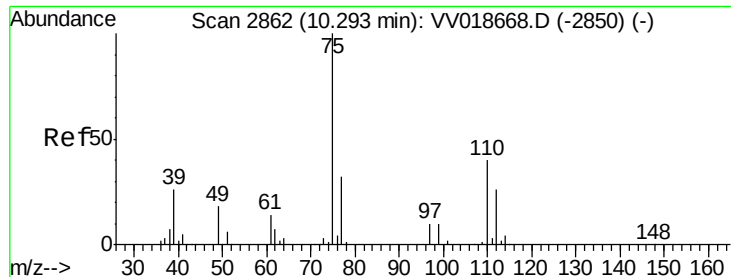
Tot Ion: 75 Resp: 3074
 Ion Ratio Lower Upper
 75 100
 77 48.8 23.0 42.6#



#48
 2-Hexanone
 Concen: 5.770 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018672.D
 Acq: 05 Oct 2020 14:23

Tgt Ion: 43 Resp: 10735
 Ion Ratio Lower Upper
 43 100
 58 32.3 45.1 67.7#
 57 3.8 15.7 23.5#
 100 8.3 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.954 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018672.D

Acq: 05 Oct 2020 14:23

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 13383

Ion Ratio Lower Upper

75 100

77 39.2 25.4 38.0#

