

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019697.D
 Acq On : 18 Dec 2020 14:08
 Operator : SY/MD
 Sample : L5099-03 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4P8

Quant Time: Dec 19 05:28:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	597877	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	559319	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	256056	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	196256	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.56%
7) Chloroethane-d5	1.57	69	167076	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.82%
11) 1,1-Dichloroethene-d2	2.11	63	290267	36.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.96%
21) 2-Butanone-d5	3.90	46	314510	134.97	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	134.97%#
24) Chloroform-d	4.35	84	377171	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
26) 1,2-Dichloroethane-d4	5.04	65	262823	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
32) Benzene-d6	5.05	84	767982	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.96%
36) 1,2-Dichloropropane-d6	6.07	67	245040	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.88%
41) Toluene-d8	7.32	98	670652	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%
43) trans-1,3-Dichloropropene-	7.62	79	118309	44.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.02%
47) 2-Hexanone-d5	8.09	63	214044	116.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.71%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	309161	48.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.82%
64) 1,2-Dichlorobenzene-d4	11.63	152	245805	51.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.70%

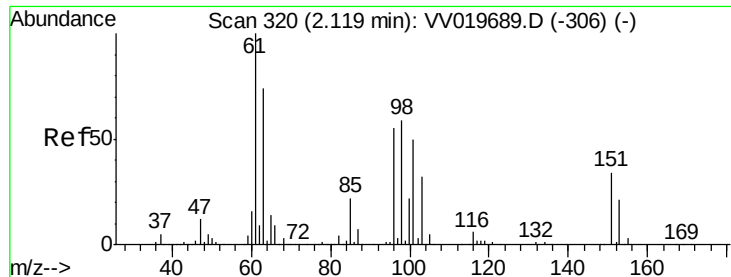
Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2662	0.767 ug/L #	22
34) Trichloroethene	5.92	95	158994	36.820 ug/L	96
39) cis-1,3-Dichloropropene	6.99	75	7569	1.068 ug/L #	56
45) 1,1,2-Trichloroethane	7.98	97	4351	1.073 ug/L #	1
46) Tetrachloroethene	7.98	164	422315	141.340 ug/L	98
59) 1,2,3-Trichloropropane	11.25	75	34685	6.532 ug/L	89

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

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#10

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

Concen: 0.767 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019697.D

Acq: 18 Dec 2020 14:08

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BG4P8

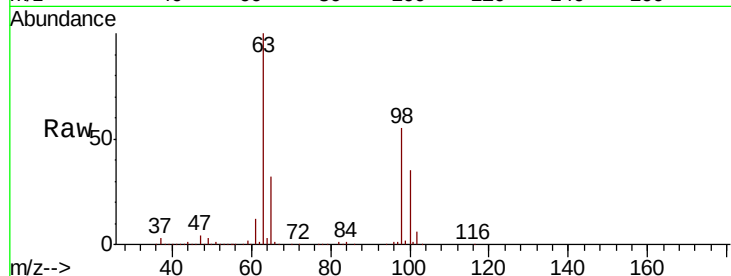
Tot Ion:101 Resp: 2662

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

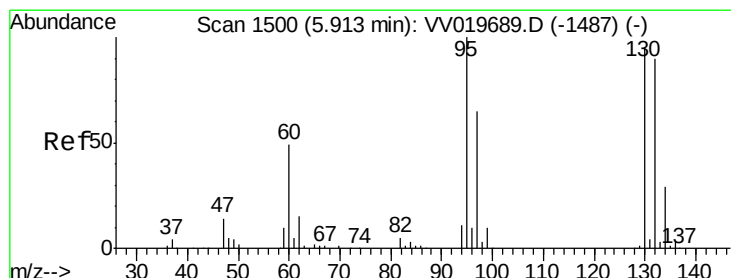
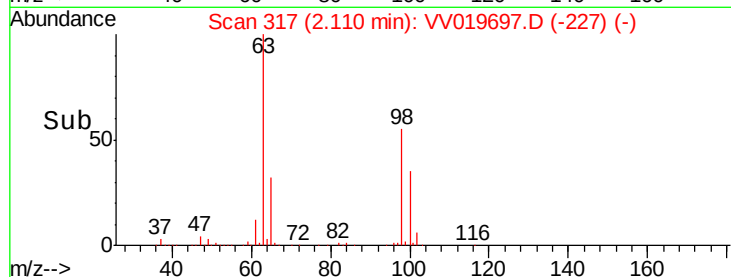
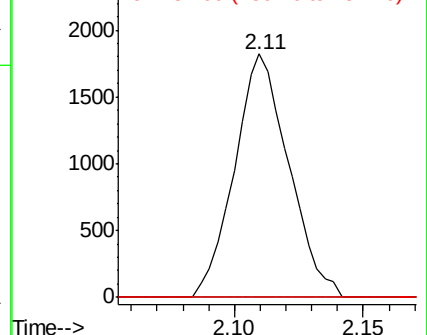
151 0.0 55.8 83.8#



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



#34

Trichloroethene

Concen: 36.820 ug/L

RT: 5.92 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VV019697.D

Acq: 18 Dec 2020 14:08

Tgt Ion: 95 Resp: 158994

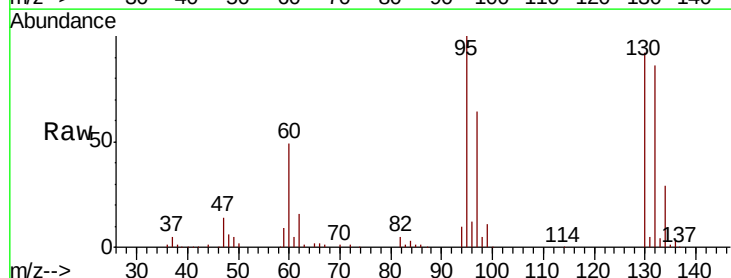
Ion Ratio Lower Upper

95 100

97 64.1 44.4 82.4

132 86.0 64.3 119.3

130 92.5 67.8 125.8

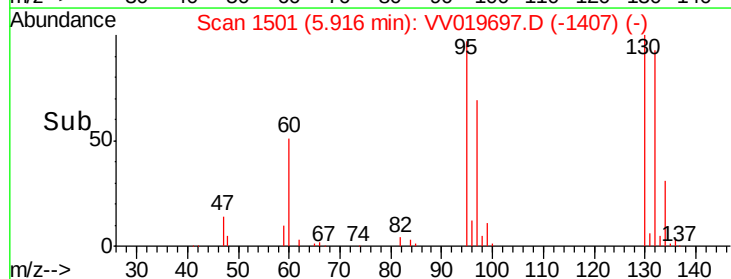
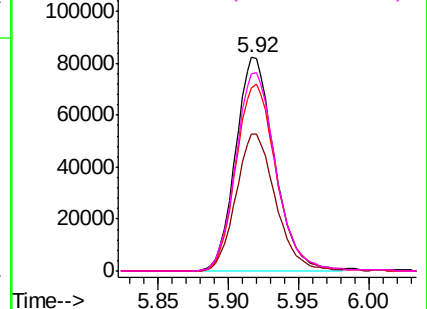


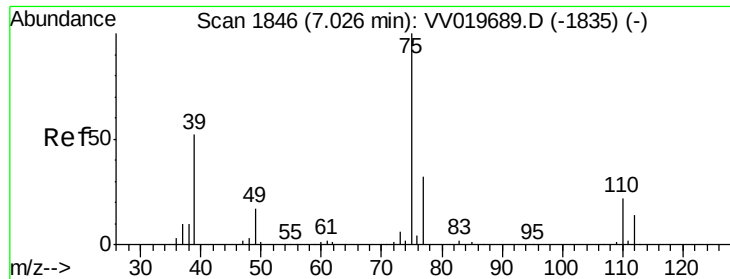
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.068 ug/L

RT: 6.99 min Scan# 1834

Delta R.T. -0.04 min

Lab File: VV019697.D

Acq: 18 Dec 2020 14:08

Instrument :

MSVOA_V

ClientSampleId :

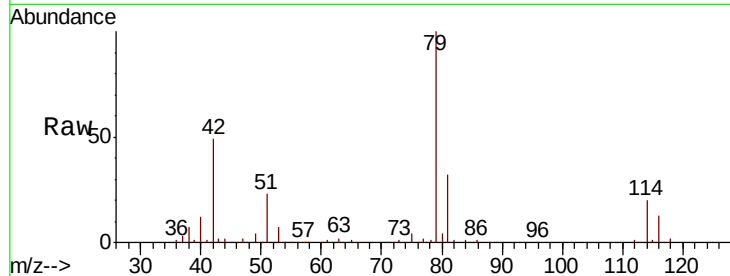
BG4P8

Tot Ion: 75 Resp: 7569

Ion Ratio Lower Upper

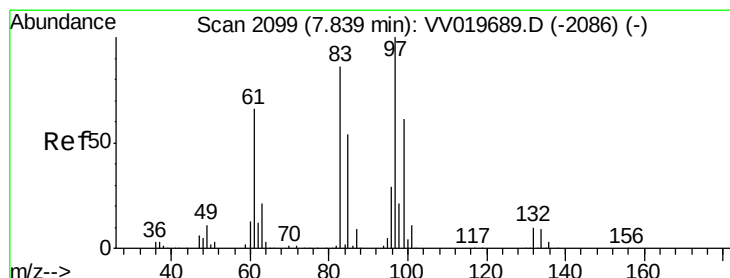
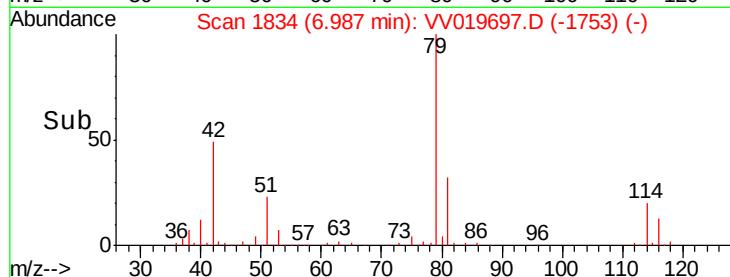
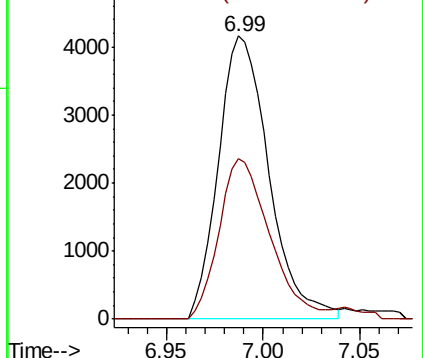
75 100

77 56.6 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#45

1,1,2-Trichloroethane

Concen: 1.073 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.14 min

Lab File: VV019697.D

Acq: 18 Dec 2020 14:08

Tgt Ion: 97 Resp: 4351

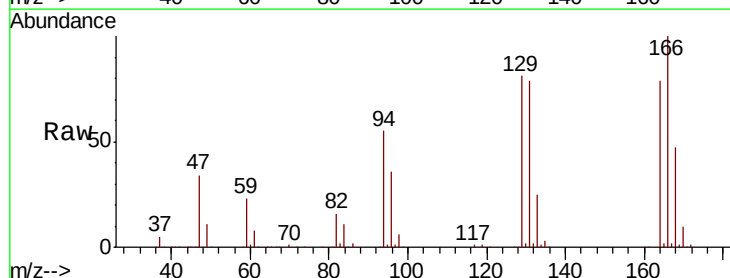
Ion Ratio Lower Upper

97 100

99 15.9 44.1 81.9#

83 244.4 60.0 111.4#

85 33.4 38.6 71.8#

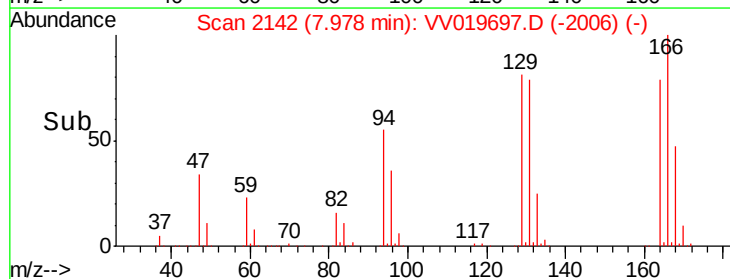
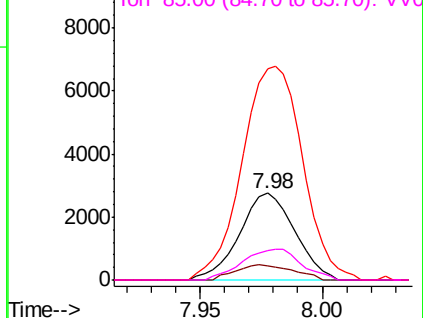


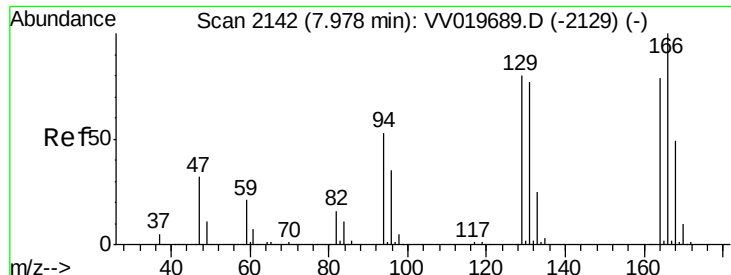
Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#46

Tetrachloroethene

Concen: 141.340 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. -0.00 min

Lab File: VV019697.D

Acq: 18 Dec 2020 14:08

Instrument :

MSVOA_V

ClientSampleId :

BG4P8

Tot Ion:164 Resp: 422315

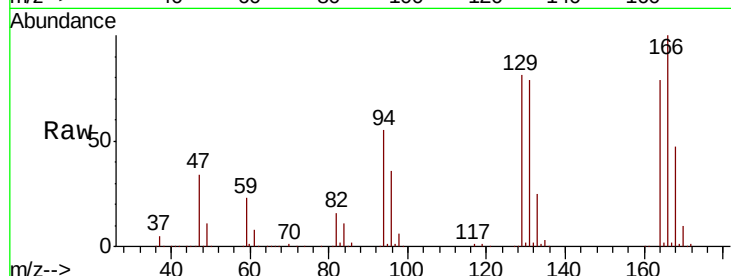
Ion Ratio Lower Upper

164 100

129 102.6 70.6 131.0

131 99.5 68.0 126.4

166 126.2 86.9 161.5

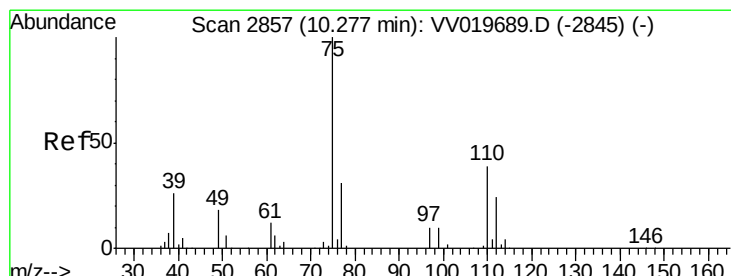
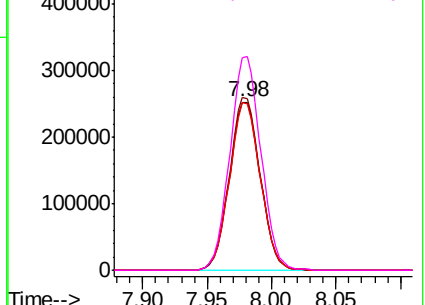
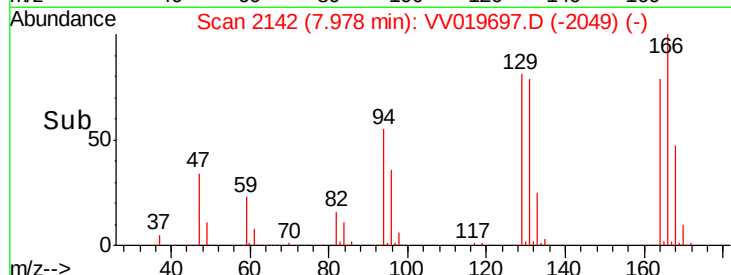


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 6.532 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019697.D

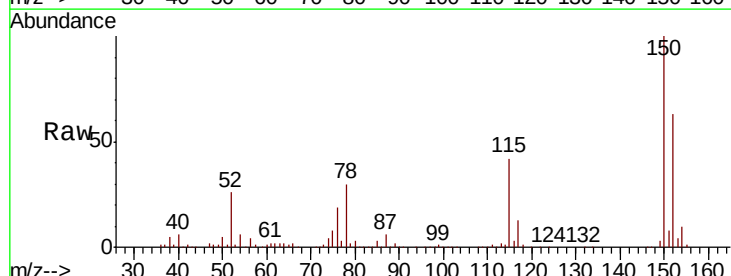
Acq: 18 Dec 2020 14:08

Tgt Ion: 75 Resp: 34685

Ion Ratio Lower Upper

75 100

77 38.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

