

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019556.D
 Acq On : 12 Dec 2020 15:16
 Operator : SY/MD
 Sample : L4956-02 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M8

Quant Time: Dec 13 04:39:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 04:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	689473	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	630941	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	293058	50.00	ug/L	0.00

System Monitoring Compounds

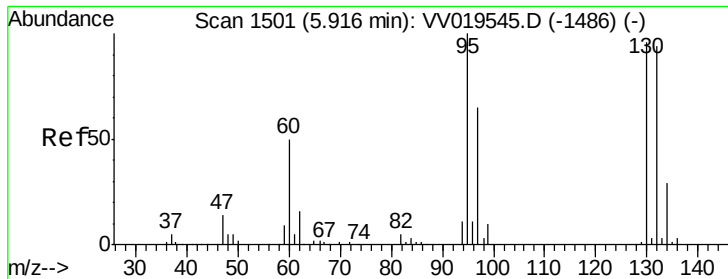
4) Vinyl Chloride-d3	1.31	65	177388	35.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.76%
7) Chloroethane-d5	1.57	69	158877	40.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.48%
11) 1,1-Dichloroethene-d2	2.11	63	280401	30.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.12%
21) 2-Butanone-d5	3.89	46	254172	94.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.58%
24) Chloroform-d	4.35	84	373175	41.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.76%
26) 1,2-Dichloroethane-d4	5.04	65	260039	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
32) Benzene-d6	5.05	84	737711	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
36) 1,2-Dichloropropane-d6	6.07	67	240389	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.20%
41) Toluene-d8	7.32	98	654652	43.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.42%
43) trans-1,3-Dichloropropene-	7.62	79	124916	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.32%
47) 2-Hexanone-d5	8.09	63	193043	93.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.31%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	319728	44.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.68%
64) 1,2-Dichlorobenzene-d4	11.63	152	244122	44.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.12%

Target Compounds

					Ovalue
34) Trichloroethene	5.93	95	30838	6.331 ug/L	96
45) 1,1,2-Trichloroethane	7.97	97	4777	1.045 ug/L #	7
46) Tetrachloroethene	7.98	164	452222	134.168 ug/L	97
59) 1,2,3-Trichloropropane	11.25	75	39214	6.547 ug/L	89

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

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1



#34

Trichloroethene

Concen: 6.331 ug/L

RT: 5.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: VV019556.D

Acq: 12 Dec 2020 15:16

Instrument :

MSVOA_V

ClientSampleId :

BG4M8

Tot Ion: 95 Resp: 30838

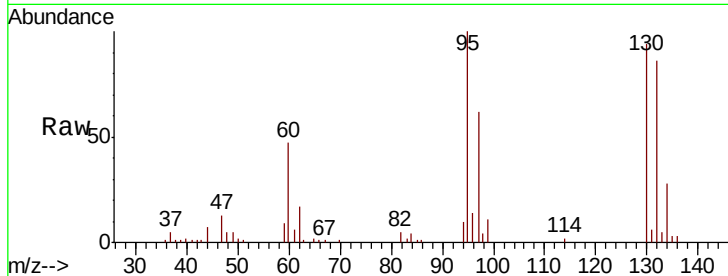
Ion Ratio Lower Upper

95 100

97 62.2 44.4 82.4

132 85.9 64.3 119.3

130 94.5 67.8 125.8

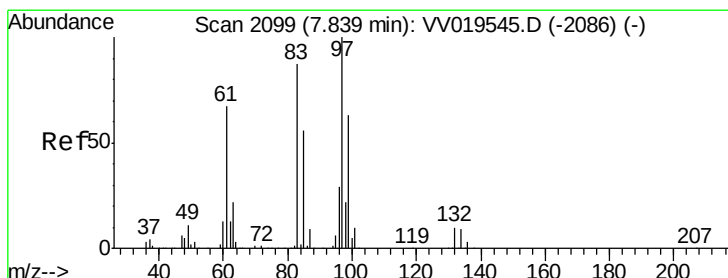
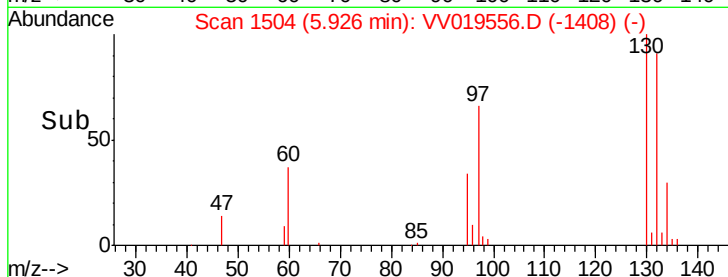
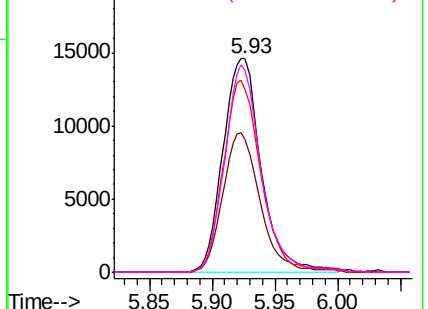


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#45

1,1,2-Trichloroethane

Concen: 1.045 ug/L

RT: 7.97 min Scan# 2141

Delta R.T. 0.14 min

Lab File: VV019556.D

Acq: 12 Dec 2020 15:16

Tgt Ion: 97 Resp: 4777

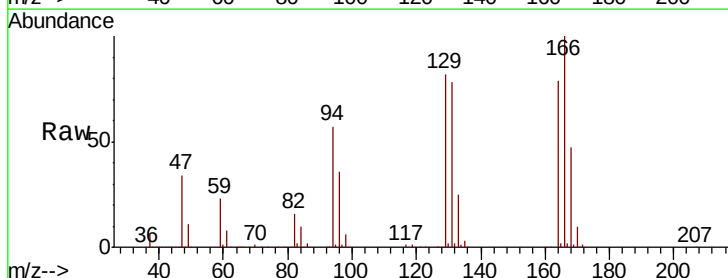
Ion Ratio Lower Upper

97 100

99 17.5 44.1 81.9#

83 232.9 60.0 111.4#

85 35.9 38.6 71.8#

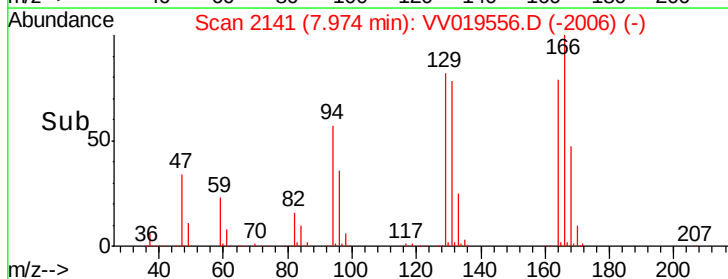
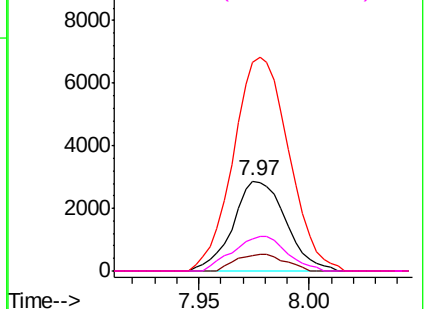


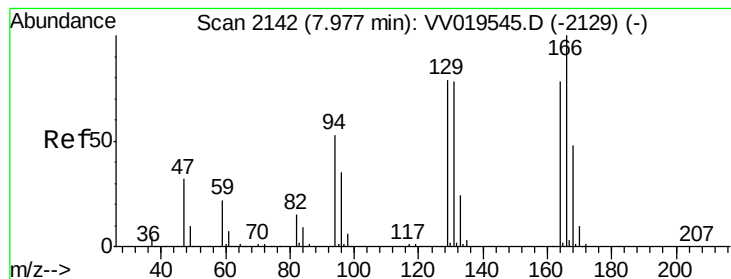
Abundance Ion 97.00 (96.70 to 97.70): VV0

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: 134.168 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019556.D

Acq: 12 Dec 2020 15:16

Instrument :

MSVOA_V

ClientSampled :

BG4M8

Tot Ion:164 Resp: 452222

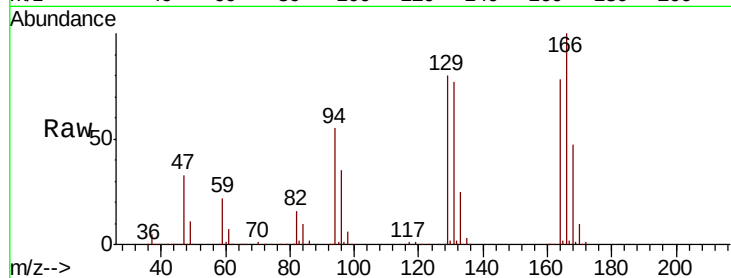
Ion Ratio Lower Upper

164 100

129 103.1 70.6 131.0

131 99.7 68.0 126.4

166 128.7 86.9 161.5

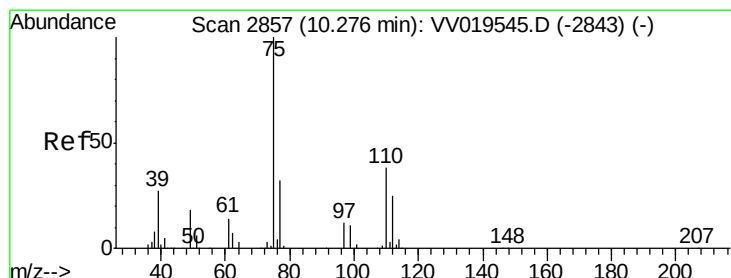
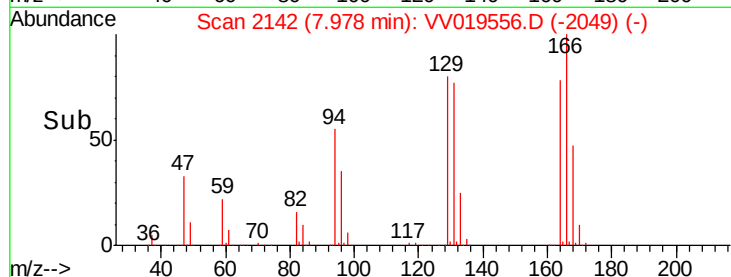
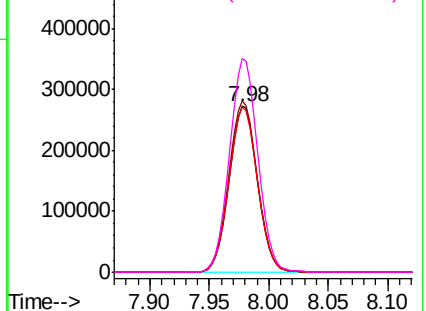


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.547 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019556.D

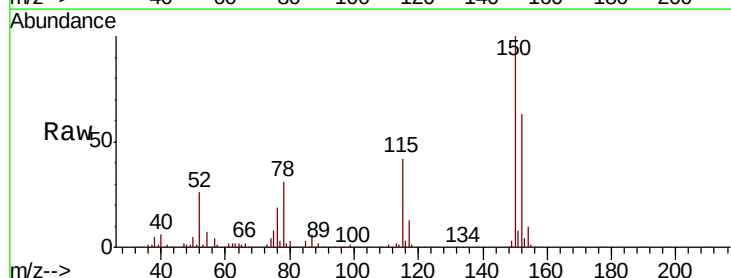
Acq: 12 Dec 2020 15:16

Tgt Ion: 75 Resp: 39214

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

