

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019735.D
 Acq On : 19 Dec 2020 14:14
 Operator : SY/MD
 Sample : L5098-07 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4P7

Quant Time: Dec 21 03:39:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	731906	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	679366	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	311745	50.00	ug/L	0.00

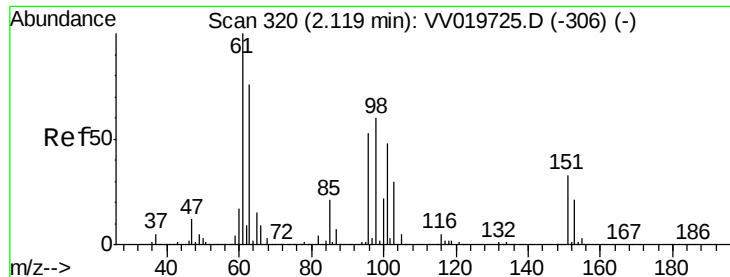
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	244570	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.20%
7) Chloroethane-d5	1.57	69	206565	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.11	63	364307	37.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.80%
21) 2-Butanone-d5	3.89	46	356118	124.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.84%
24) Chloroform-d	4.35	84	453287	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	5.04	65	317230	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
32) Benzene-d6	5.05	84	914957	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.07	67	291696	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.78%
41) Toluene-d8	7.32	98	813667	49.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.76%
43) trans-1,3-Dichloropropene-	7.62	79	136725	42.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.70%
47) 2-Hexanone-d5	8.09	63	230306	103.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.39%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	361591	47.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.63	152	296171	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3283	0.773 ug/L #	22
45) 1,1,2-Trichloroethane	7.98	97	7123	1.447 ug/L #	1
46) Tetrachloroethene	7.98	164	741547	204.325 ug/L	98
59) 1,2,3-Trichloropropane	11.25	75	44688	6.929 ug/L	91

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



#10

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

Concen: 0.773 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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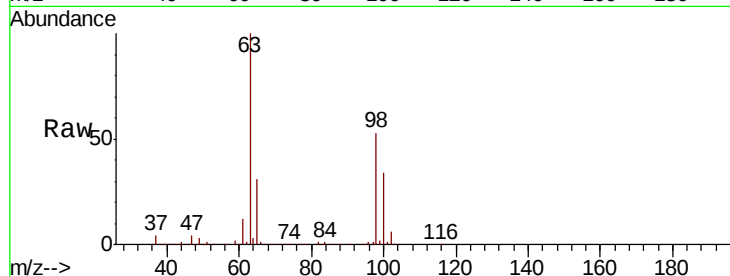
Tot Ion:101 Resp: 3283

Ion Ratio Lower Upper

101 100

85 1.4 35.0 52.4#

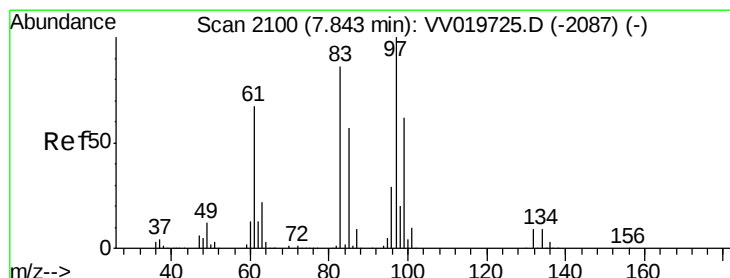
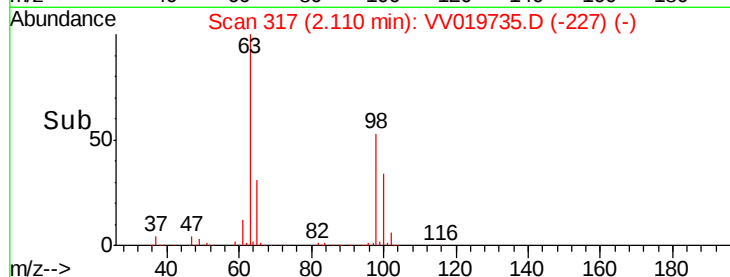
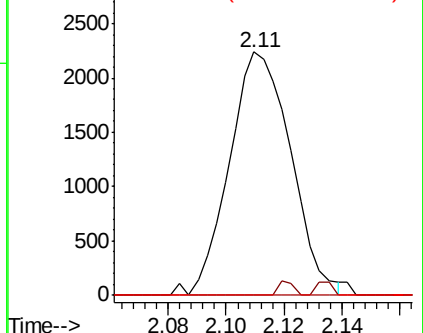
151 0.0 55.8 83.8#



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



#45

1,1,2-Trichloroethane

Concen: 1.447 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.13 min

Lab File: VV019735.D

Acq: 19 Dec 2020 14:14

Tgt Ion: 97 Resp: 7123

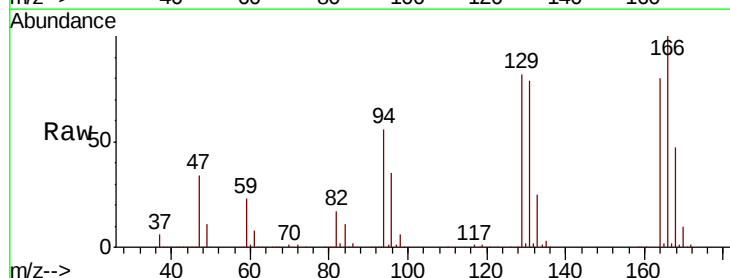
Ion Ratio Lower Upper

97 100

99 16.9 44.1 81.9#

83 262.0 60.0 111.4#

85 39.9 38.6 71.8

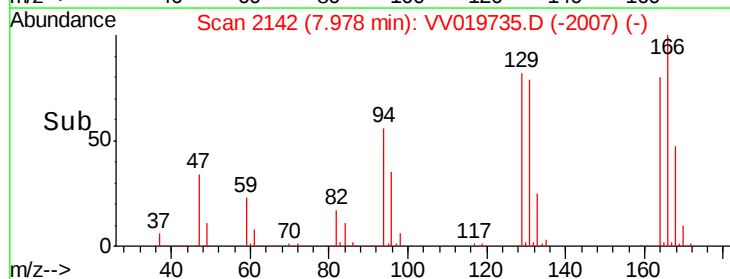
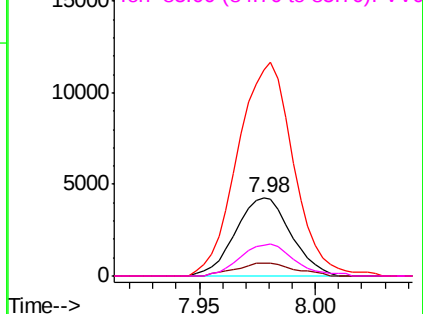


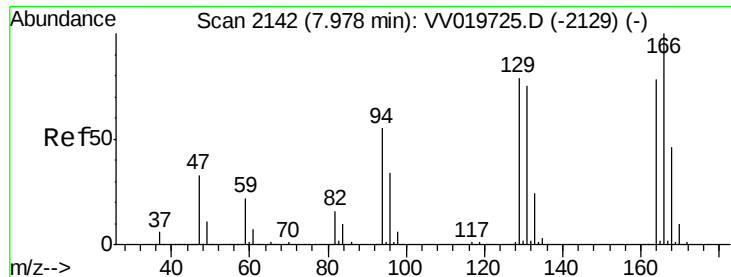
Abundance Ion 97.00 (96.70 to 97.70): VV0

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: 204.325 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019735.D

Acq: 19 Dec 2020 14:14

Instrument :

MSVOA_V

ClientSampleId :

BG4P7

Tot Ion:164 Resp: 741547

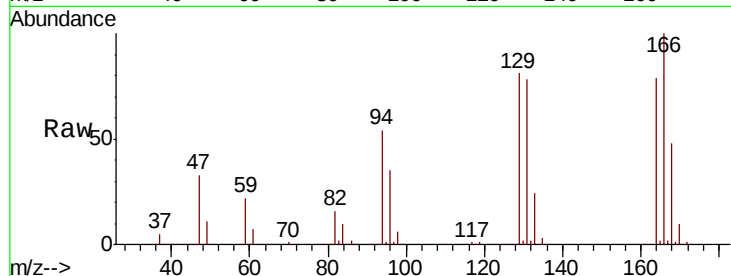
Ion Ratio Lower Upper

164 100

129 102.5 70.6 131.0

131 98.2 68.0 126.4

166 126.7 86.9 161.5

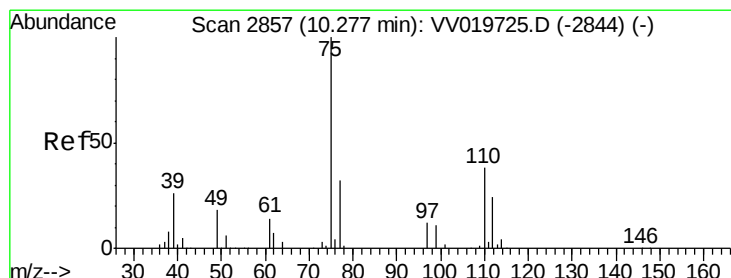
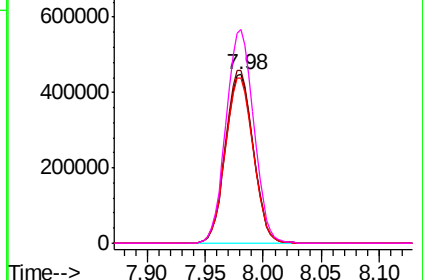
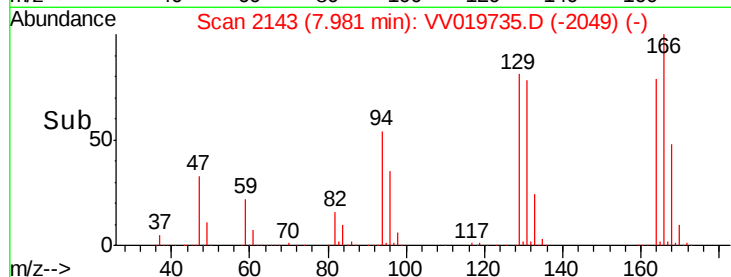


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.929 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

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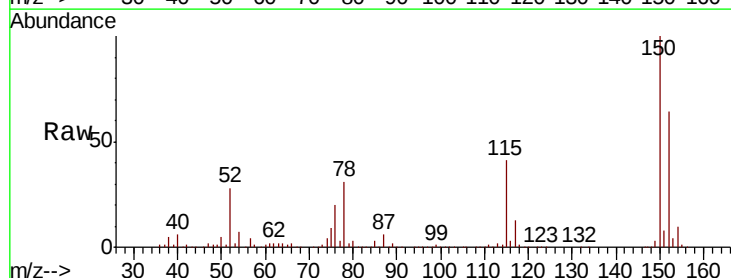
Acq: 19 Dec 2020 14:14

Tgt Ion: 75 Resp: 44688

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

