

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122420\
 Data File : VV019834.D
 Acq On : 24 Dec 2020 14:11
 Operator : SY/MD
 Sample : L5173-18DL 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4T1DL

Quant Time: Dec 25 05:38:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 05:36:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	657852	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	622754	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	297111	50.00	ug/L	0.00

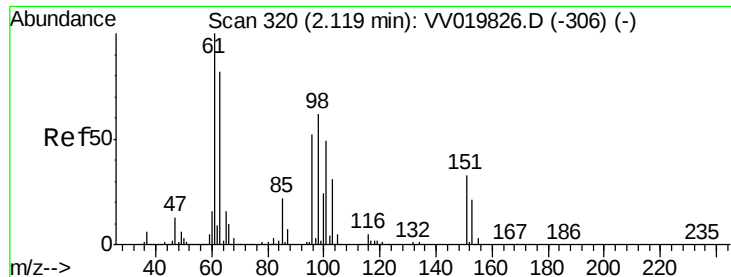
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	206268	43.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.46%
7) Chloroethane-d5	1.57	69	175530	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.36%
11) 1,1-Dichloroethene-d2	2.11	63	304603	34.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.58%
21) 2-Butanone-d5	3.89	46	354987	138.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	138.45%#
24) Chloroform-d	4.35	84	402807	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
26) 1,2-Dichloroethane-d4	5.04	65	285305	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.70%
32) Benzene-d6	5.05	84	799286	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
36) 1,2-Dichloropropane-d6	6.07	67	263929	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.46%
41) Toluene-d8	7.32	98	677973	45.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.68%
43) trans-1,3-Dichloropropene-	7.63	79	117831	39.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.64%
47) 2-Hexanone-d5	8.09	63	204101	99.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.95%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	322832	45.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.74%
64) 1,2-Dichlorobenzene-d4	11.63	152	249606	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2819	0.738 ug/L #	23
34) Trichloroethene	5.92	95	14405	2.996 ug/L	96
46) Tetrachloroethene	7.98	164	174904	52.574 ug/L	97
48) 2-Hexanone	8.09	43	26720	5.135 ug/L #	74
59) 1,2,3-Trichloropropane	11.25	75	41650	7.045 ug/L	97

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



#10

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

Concen: 0.738 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019834.D

Acq: 24 Dec 2020 14:11

Instrument :

MSVOA_V

ClientSampled :

BG4T1DL

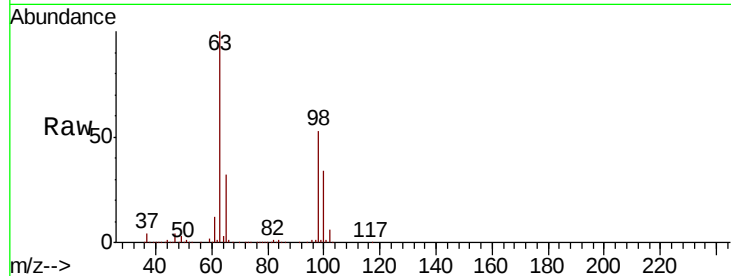
Tot Ion:101 Resp: 2819

Ion Ratio Lower Upper

101 100

85 3.1 35.0 52.4#

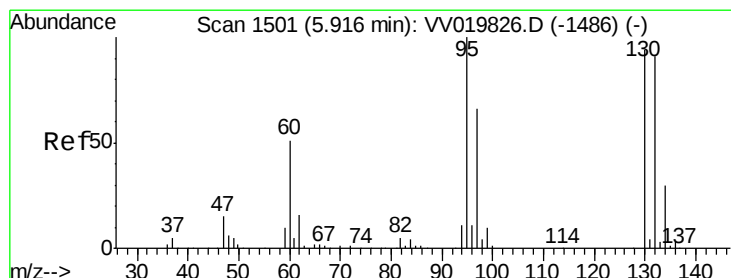
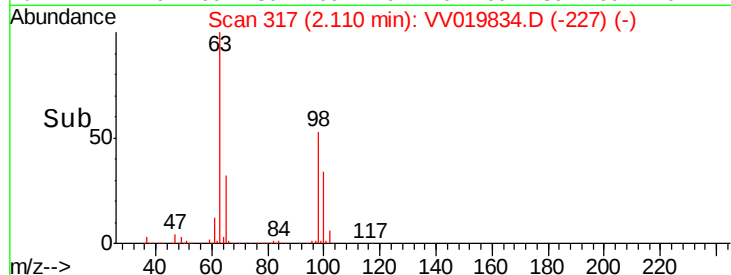
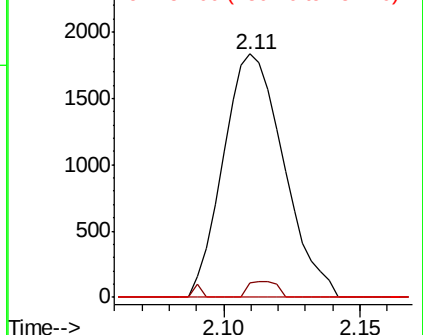
151 0.0 55.8 83.8#



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: 2.996 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019834.D

Acq: 24 Dec 2020 14:11

Tgt Ion: 95 Resp: 14405

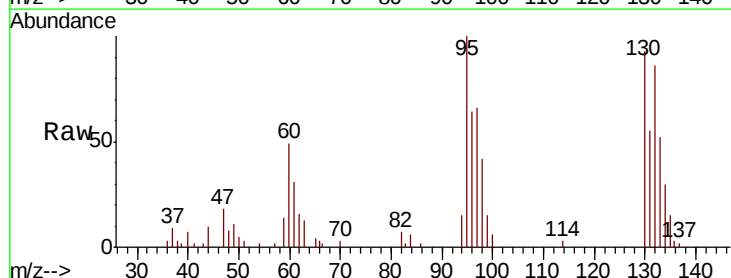
Ion Ratio Lower Upper

95 100

97 66.4 44.4 82.4

132 86.3 64.3 119.3

130 93.3 67.8 125.8

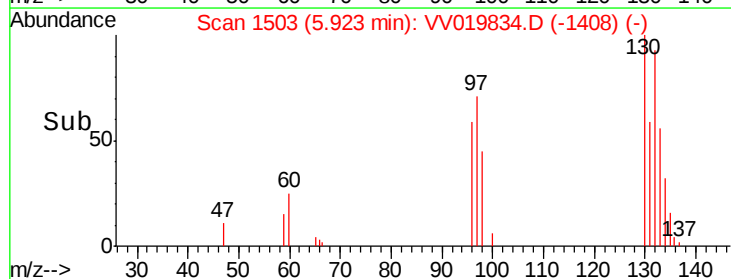
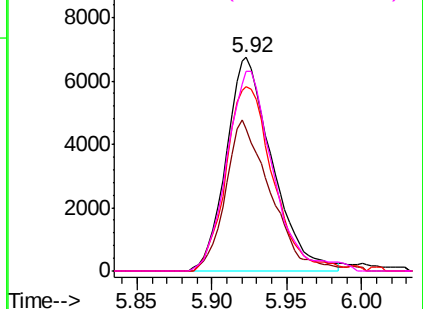


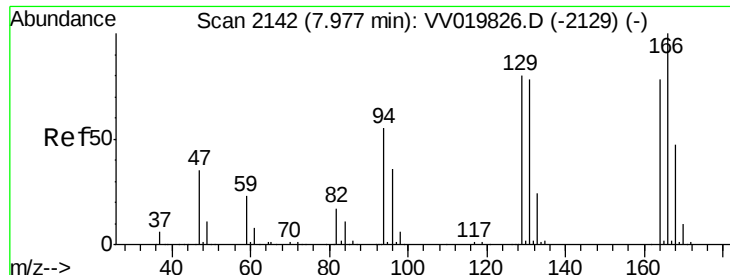
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#46

Tetrachloroethene

Concen: 52.574 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019834.D

Acq: 24 Dec 2020 14:11

Instrument :

MSVOA_V

ClientSampleId :

BG4T1DL

Tot Ion:164 Resp: 174904

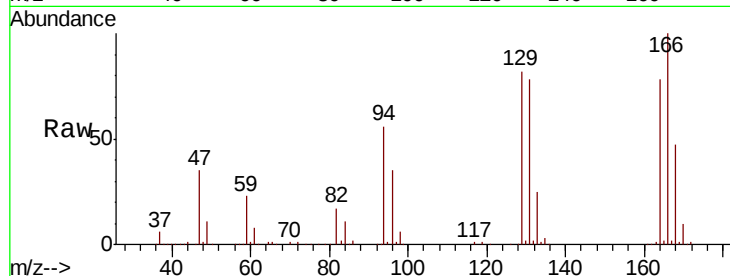
Ion Ratio Lower Upper

164 100

129 104.3 70.6 131.0

131 99.4 68.0 126.4

166 127.9 86.9 161.5

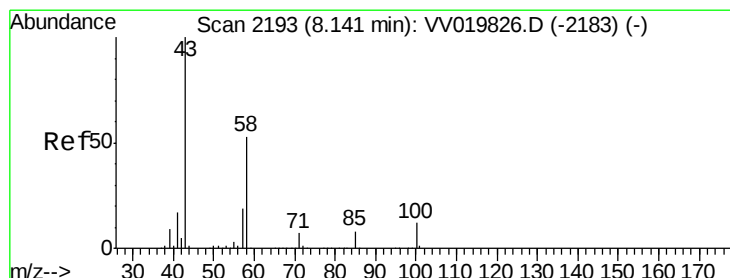
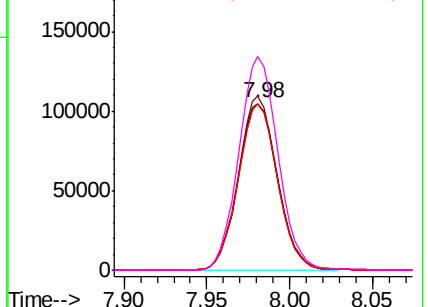
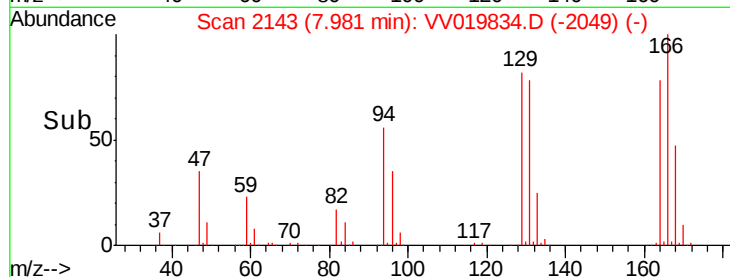


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.135 ug/L

RT: 8.09 min Scan# 2178

Delta R.T. -0.05 min

Lab File: VV019834.D

Acq: 24 Dec 2020 14:11

Tgt Ion: 43 Resp: 26720

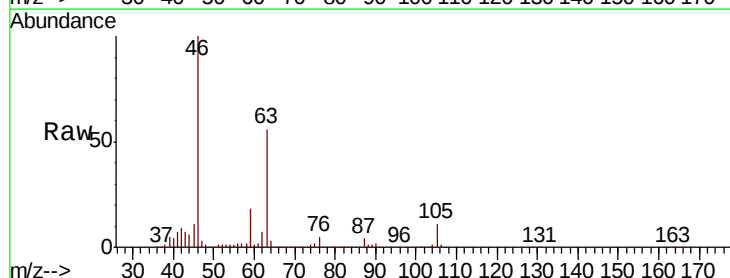
Ion Ratio Lower Upper

43 100

58 32.8 44.4 66.6#

57 23.0 15.7 23.5

100 0.5 9.9 14.9#

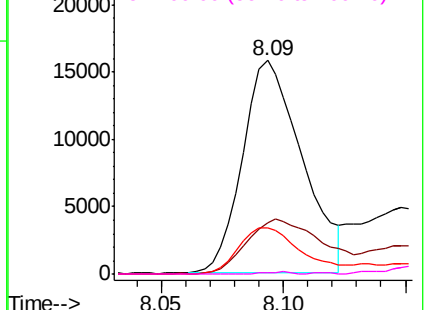
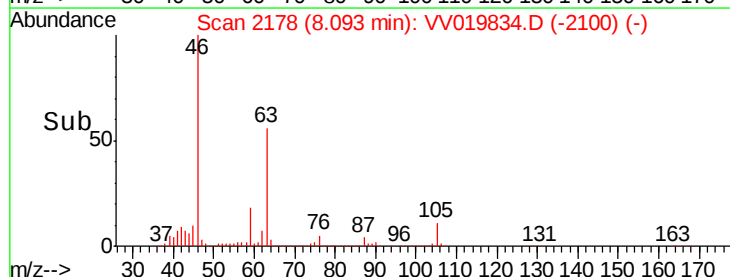


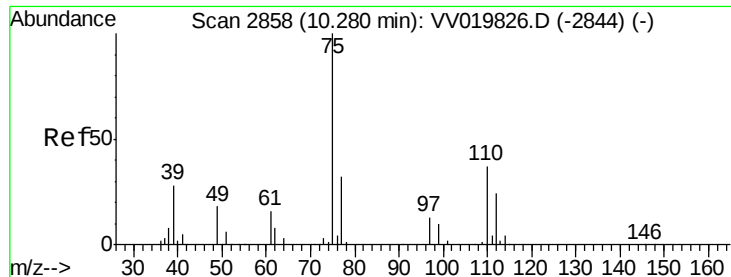
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 7.045 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019834.D

Acq: 24 Dec 2020 14:11

Instrument :

MSVOA_V

ClientSampleId :

BG4T1DL

Tot Ion: 75 Resp: 41650

Ion Ratio Lower Upper

75 100

77 34.2 25.8 38.8

