

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\
 Data File : VV019822.D
 Acq On : 23 Dec 2020 19:22
 Operator : SY/MD
 Sample : L5173-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4P0

Quant Time: Dec 23 22:07:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 22:04:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	669072	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	632224	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	298501	50.00	ug/L	0.00

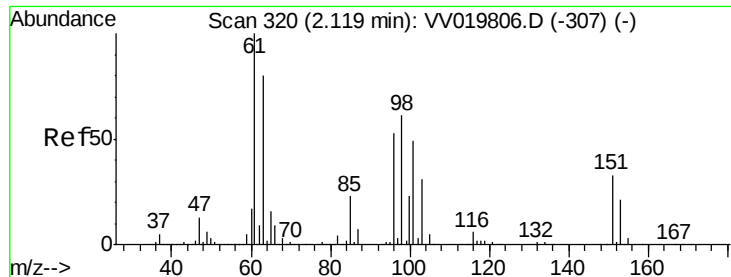
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	224289	46.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.50%
7) Chloroethane-d5	1.57	69	188897	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.84%
11) 1,1-Dichloroethene-d2	2.11	63	331311	37.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.42%
21) 2-Butanone-d5	3.89	46	347393	133.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.22%#
24) Chloroform-d	4.35	84	420082	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	5.04	65	296257	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
32) Benzene-d6	5.05	84	844176	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.12%
36) 1,2-Dichloropropane-d6	6.07	67	275721	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.40%
41) Toluene-d8	7.32	98	725933	47.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.64%
43) trans-1,3-Dichloropropene-	7.63	79	120423	40.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.16%
47) 2-Hexanone-d5	8.09	63	193135	93.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.16%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	318190	44.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.08%
64) 1,2-Dichlorobenzene-d4	11.63	152	265239	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2641	0.680 ug/L #	26
13) Acetone	2.19	43	9498	4.275 ug/L	97
46) Tetrachloroethene	7.98	164	2352	0.696 ug/L	86
48) 2-Hexanone	8.15	43	18684	3.537 ug/L #	72
59) 1,2,3-Trichloropropane	11.25	75	42727	7.119 ug/L	100

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



#10

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

Concen: 0.680 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019822.D

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Instrument :

MSVOA_V

ClientSampled :

BG4P0

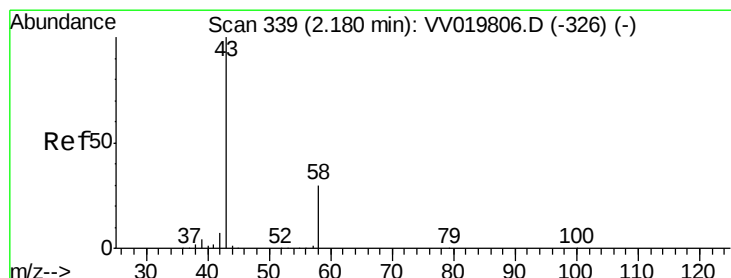
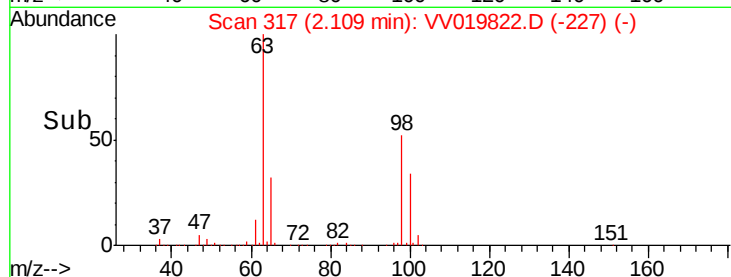
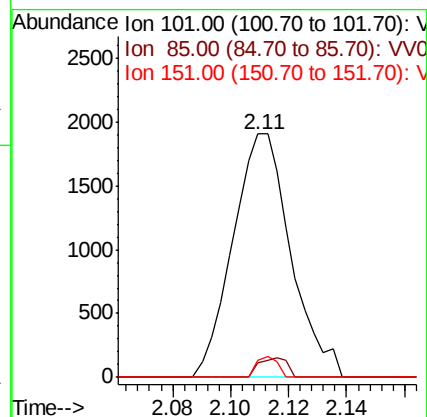
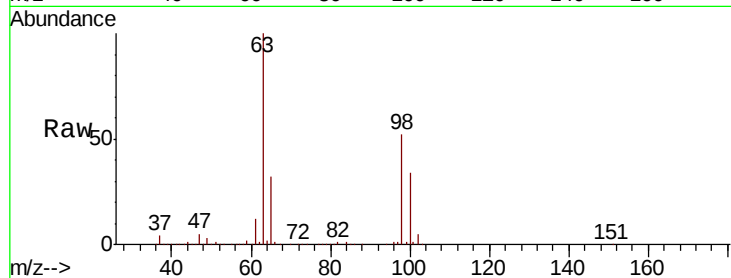
Tot Ion:101 Resp: 2641

Ion Ratio Lower Upper

101 100

85 3.9 35.0 52.4#

151 3.1 55.8 83.8#



#13

Acetone

Concen: 4.275 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV019822.D

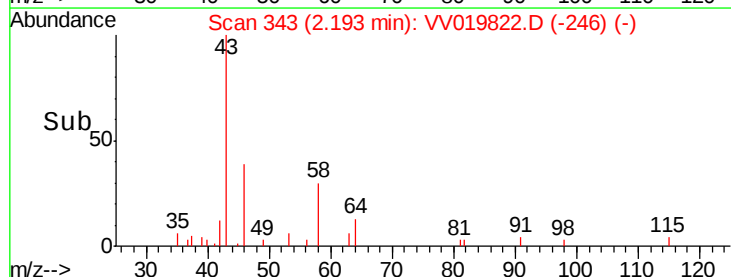
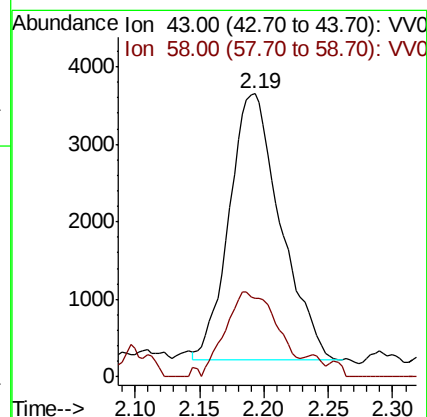
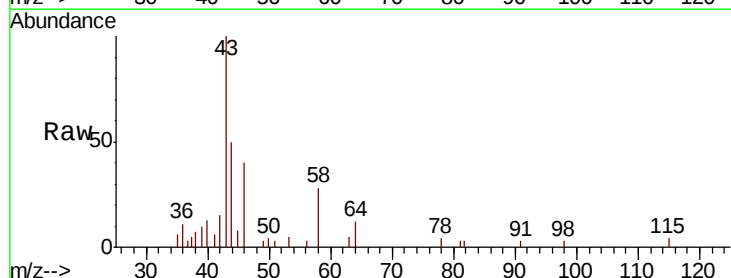
Acq: 23 Dec 2020 19:22

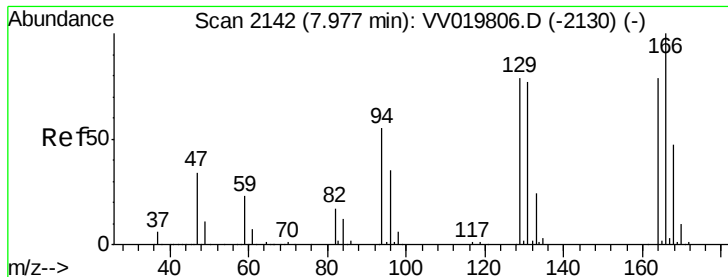
Tgt Ion: 43 Resp: 9498

Ion Ratio Lower Upper

43 100

58 32.2 0.0 61.6





#46

Tetrachloroethene

Concen: 0.696 ug/L

RT: 7.98 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VV019822.D

Acq: 23 Dec 2020 19:22

Instrument :
MSVOA_V
ClientSampleId :
BG4P0

Tot Ion:164 Resp: 2352

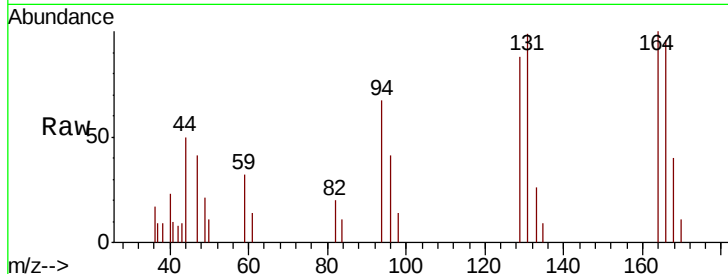
Ion Ratio Lower Upper

164 100

129 87.9 70.6 131.0

131 98.9 68.0 126.4

166 96.3 86.9 161.5

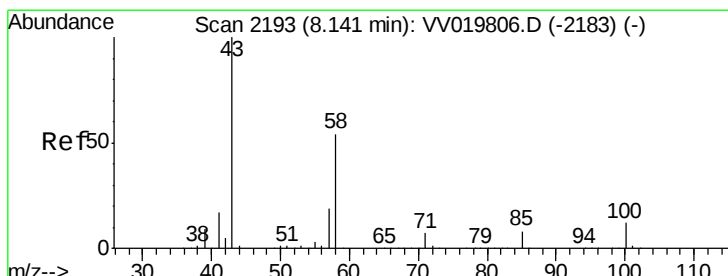
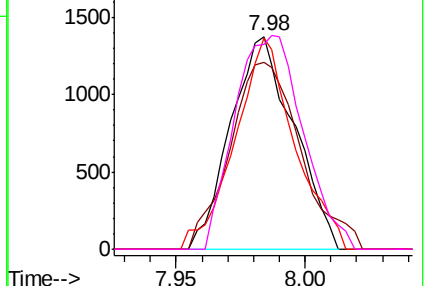
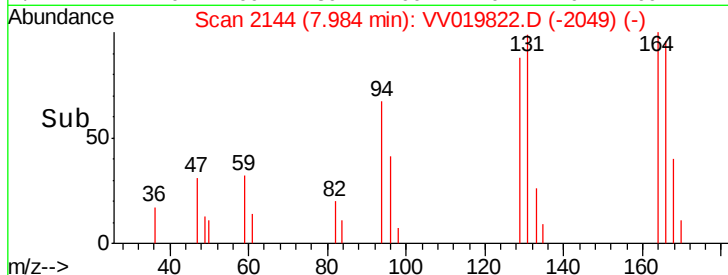


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.537 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019822.D

Acq: 23 Dec 2020 19:22

Tgt Ion: 43 Resp: 18684

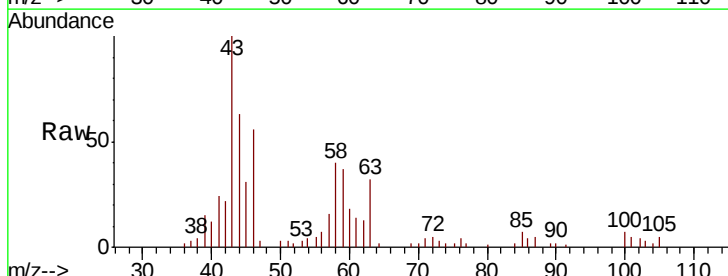
Ion Ratio Lower Upper

43 100

58 37.0 44.4 66.6#

57 1.6 15.7 23.5#

100 3.4 9.9 14.9#

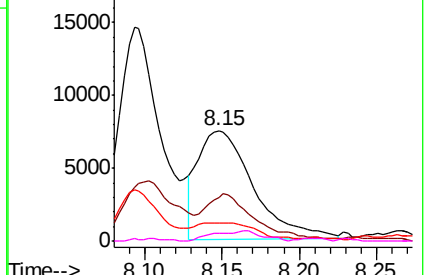
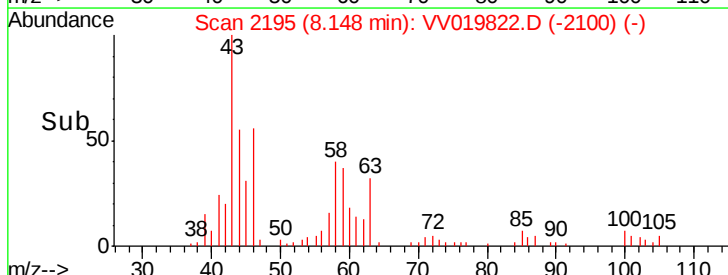


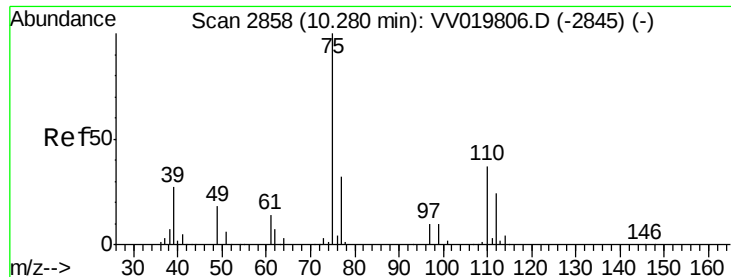
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 7.119 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019822.D

Acq: 23 Dec 2020 19:22

Instrument :

MSVOA_V

ClientSampleId :

BG4P0

Tot Ion: 75 Resp: 42727

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.8

