

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
 Data File : VV019094.D
 Acq On : 23 Oct 2020 16:07
 Operator : SY/MD
 Sample : L4471-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 03:33:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 03:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	264901	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	262641	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127278	50.00	ug/L	0.00

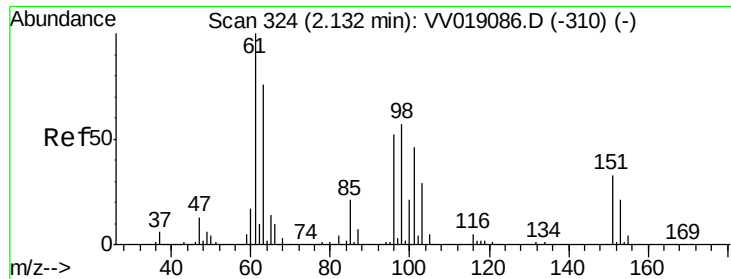
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107241	44.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.12%
7) Chloroethane-d5	1.58	69	88870	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.76%
11) 1,1-Dichloroethene-d2	2.12	63	170619	37.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.72%
21) 2-Butanone-d5	3.91	46	146643	90.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.61%
24) Chloroform-d	4.38	84	193381	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	5.06	65	138256	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
32) Benzene-d6	5.07	84	377008	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
36) 1,2-Dichloropropane-d6	6.09	67	122235	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.94%
41) Toluene-d8	7.34	98	335702	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%
43) trans-1,3-Dichloropropene-	7.64	79	59421	44.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.12%
47) 2-Hexanone-d5	8.11	63	102257	90.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.37%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	151414	43.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	132689	49.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1429	0.808 ug/L #	20
13) Acetone	2.20	43	4021	3.666 ug/L	65
39) cis-1,3-Dichloropropene	7.01	75	3964	1.212 ug/L #	68
46) Tetrachloroethene	8.00	164	9641	6.183 ug/L	88
48) 2-Hexanone	8.11	43	12823	5.565 ug/L #	69
49) Dibromochloromethane	8.00	129	8691	4.067 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	15451	5.970 ug/L	91

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



#10

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

Concen: 0.808 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019094.D

Acq: 23 Oct 2020 16:07

Instrument :

MSVOA_V

ClientSampled :

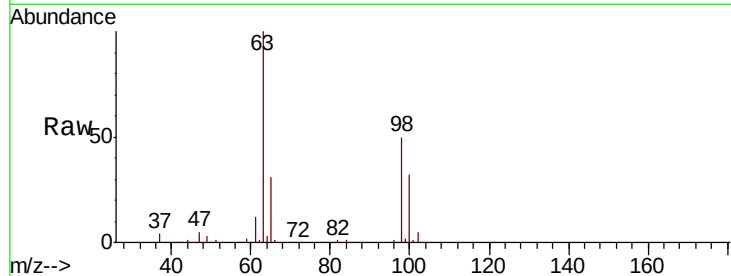
Tot Ion:101 Resp: 1429

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

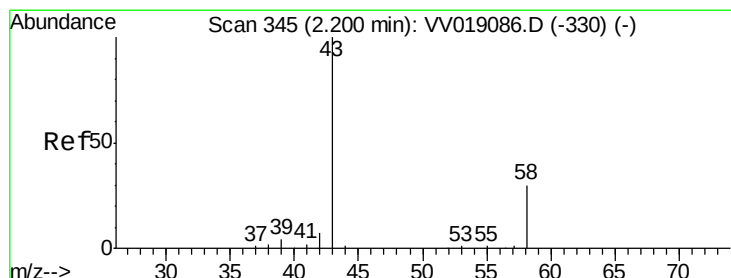
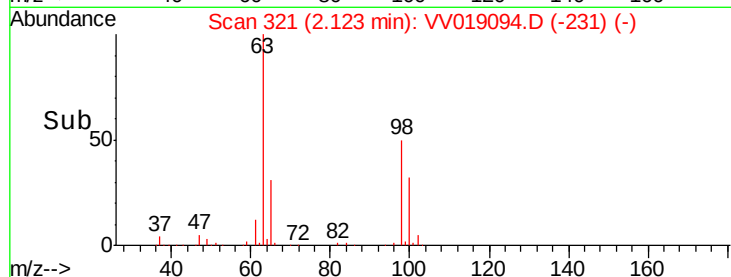
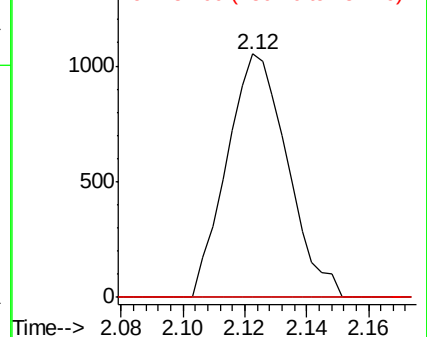
151 0.0 58.2 87.2#



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



#13

Acetone

Concen: 3.666 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV019094.D

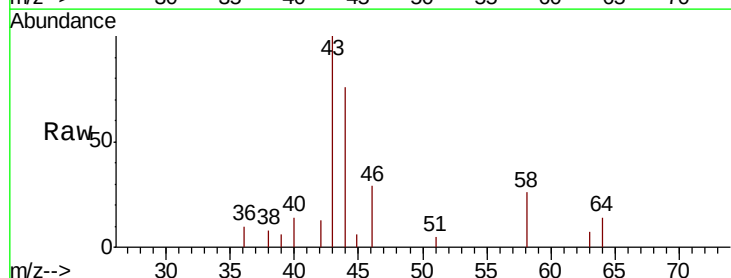
Acq: 23 Oct 2020 16:07

Tgt Ion: 43 Resp: 4021

Ion Ratio Lower Upper

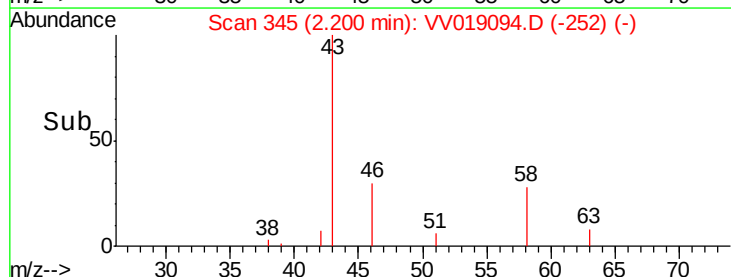
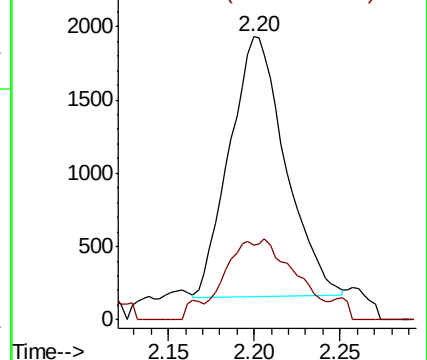
43 100

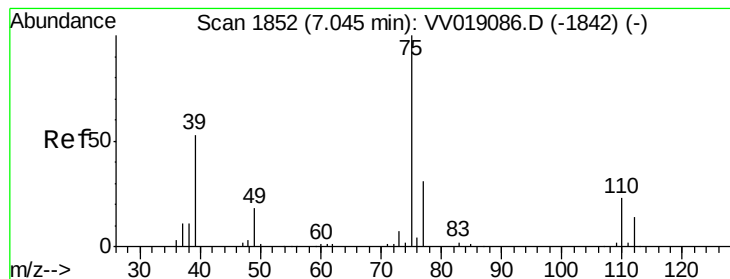
58 11.4 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#39

cis-1,3-Dichloropropene

Concen: 1.212 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019094.D

Acq: 23 Oct 2020 16:07

Instrument :

MSVOA_V

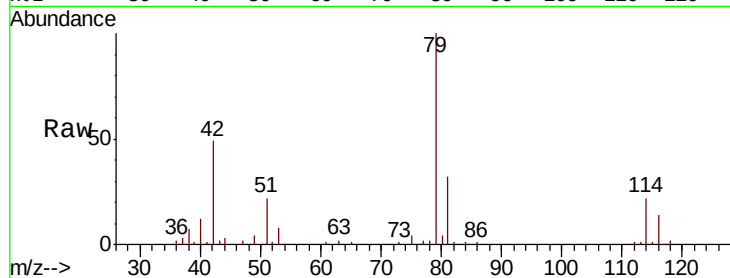
ClientSampled :

Tot Ion: 75 Resp: 3964

Ion Ratio Lower Upper

75 100

77 49.2 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VV019086.D (-1842) (-)

Ion 77.00 (76.70 to 77.70): VV019086.D (-1842) (-)

7.01

2000

1500

1000

500

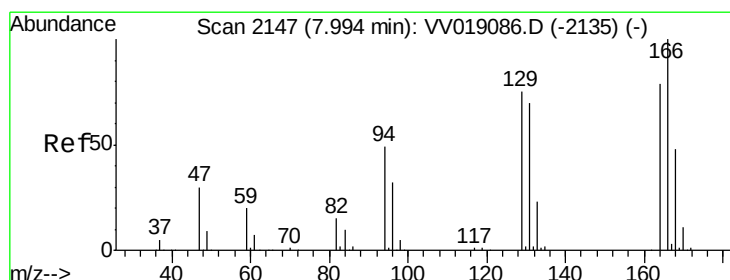
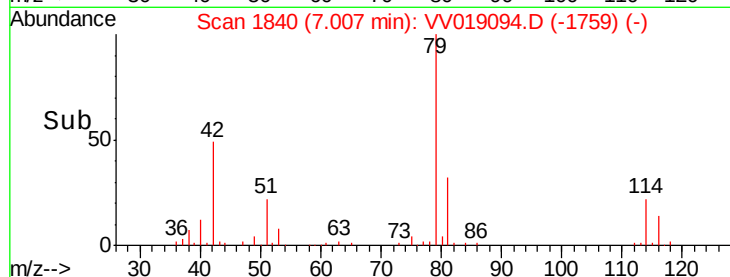
0

6.95

7.00

7.05

Time-->



#46

Tetrachloroethene

Concen: 6.183 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019094.D

Acq: 23 Oct 2020 16:07

Tgt Ion:164 Resp: 9641

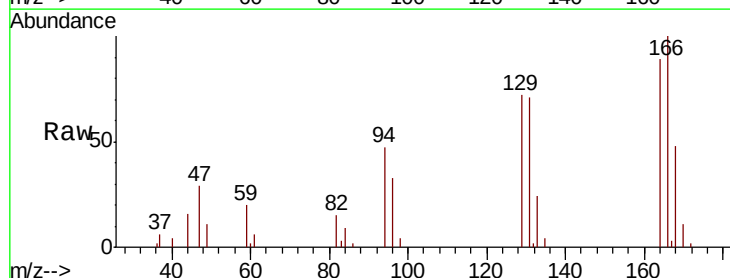
Ion Ratio Lower Upper

164 100

129 81.0 65.5 121.6

131 80.1 62.4 115.8

166 112.5 90.0 167.2



Abundance Ion 164.00 (163.70 to 164.70): VV019086.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV019086.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV019086.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV019086.D (-2135) (-)

10000

8000

6000

4000

2000

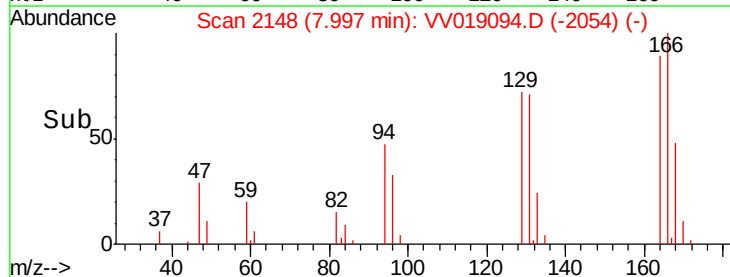
0

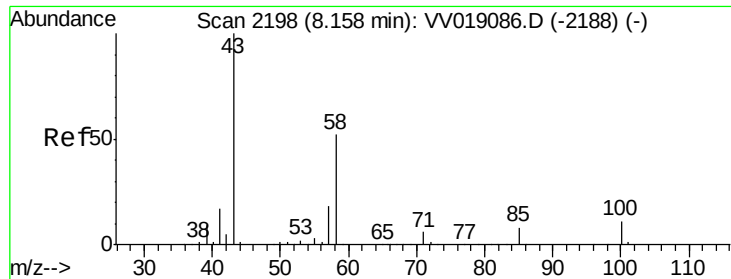
7.95

8.00

8.05

Time-->

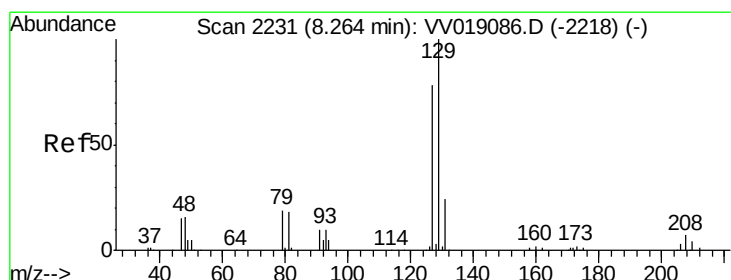
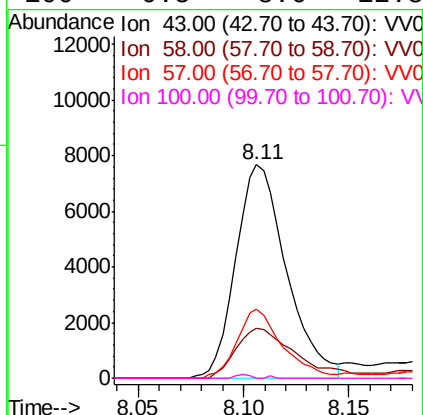
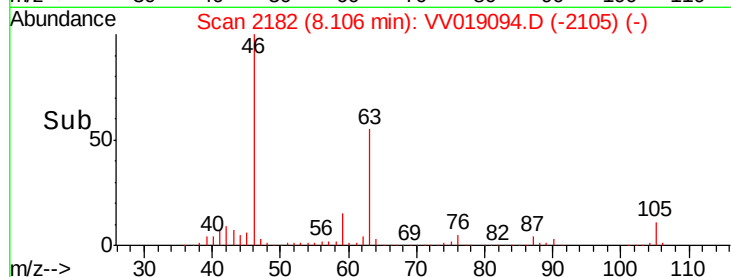
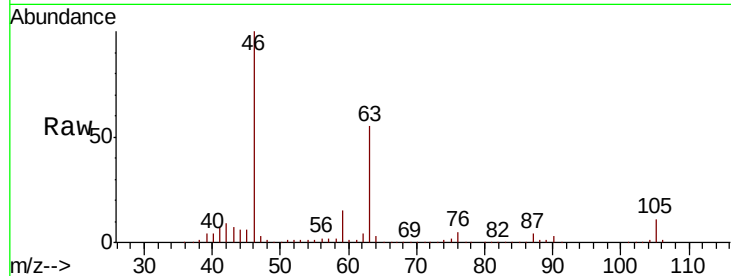




#48
2-Hexanone
Concen: 5.565 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV019094.D
Acq: 23 Oct 2020 16:07

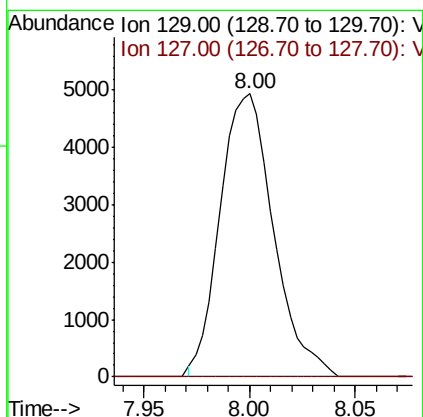
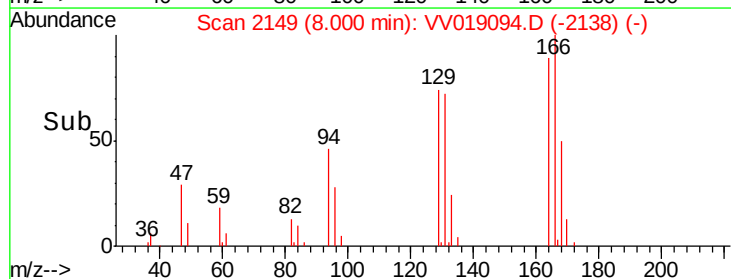
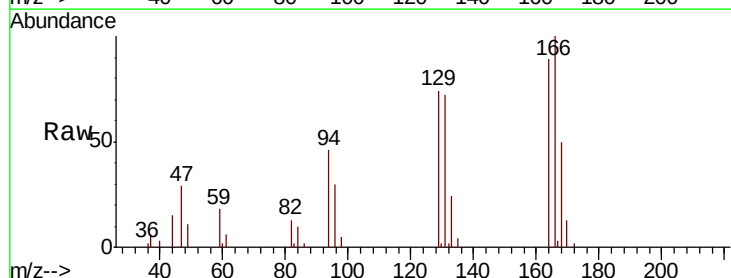
Instrument :
MSVOA_V
ClientSampled :

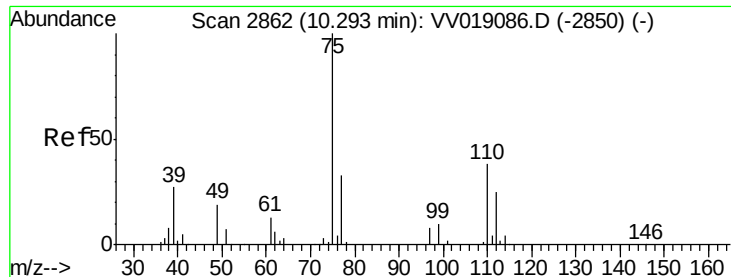
Tot Ion: 43 Resp: 12823
Ion Ratio Lower Upper
43 100
58 27.3 41.1 61.7#
57 28.9 14.7 22.1#
100 0.5 8.6 12.8#



#49
Dibromochloromethane
Concen: 4.067 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.26 min
Lab File: VV019094.D
Acq: 23 Oct 2020 16:07

Tgt Ion: 129 Resp: 8691
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#





#59

1,2,3-Trichloropropane

Concen: 5.970 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019094.D

Acq: 23 Oct 2020 16:07

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15451

Ion Ratio Lower Upper

75 100

77 37.2 25.9 38.9

