

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018921.D
 Acq On : 15 Oct 2020 19:24
 Operator : SY/MD
 Sample : L4351-04DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ1DL

Quant Time: Oct 16 08:47:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338117	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331010	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155472	50.00	ug/L	0.00

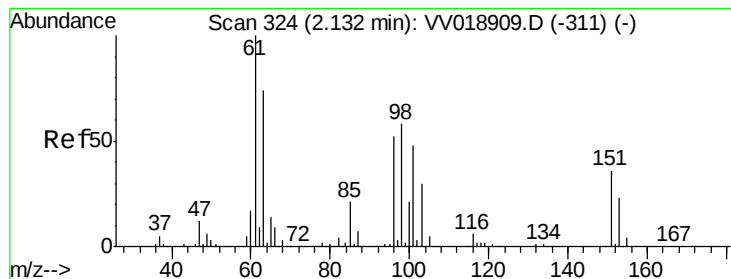
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123997	44.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.10%
7) Chloroethane-d5	1.58	69	100516	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.16%
11) 1,1-Dichloroethene-d2	2.12	63	183876	35.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.00%
21) 2-Butanone-d5	3.91	46	176032	90.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.74%
24) Chloroform-d	4.38	84	225627	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	5.06	65	157575	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
32) Benzene-d6	5.07	84	457647	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
36) 1,2-Dichloropropane-d6	6.09	67	149485	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.76%
41) Toluene-d8	7.34	98	402670	46.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.90%
43) trans-1,3-Dichloropropene-	7.64	79	68728	45.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.02%
47) 2-Hexanone-d5	8.11	63	96815	84.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	152007	41.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	160793	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1556	0.709 ug/L #	20
20) cis-1,2-Dichloroethene	3.94	96	14334	5.481 ug/L	92
34) Trichloroethene	5.94	95	185561	63.416 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	4380	1.073 ug/L #	70
46) Tetrachloroethene	8.00	164	38833	18.831 ug/L	100
48) 2-Hexanone	8.16	43	16490	5.552 ug/L #	72
59) 1,2,3-Trichloropropane	11.27	75	19613	5.965 ug/L	90

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



#10

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

Concen: 0.709 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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C0AJ1DL

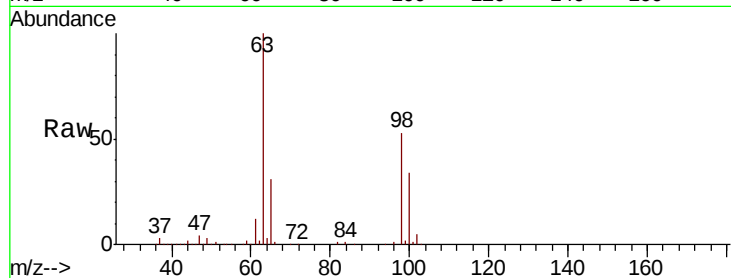
Tot Ion:101 Resp: 1556

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

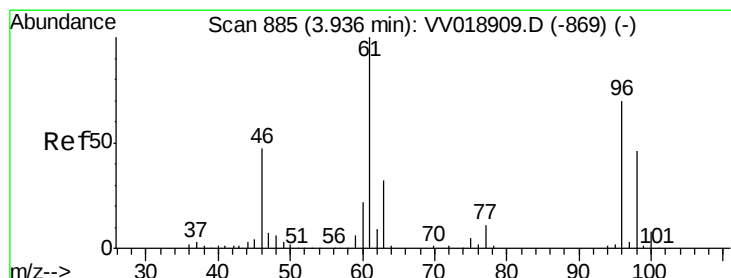
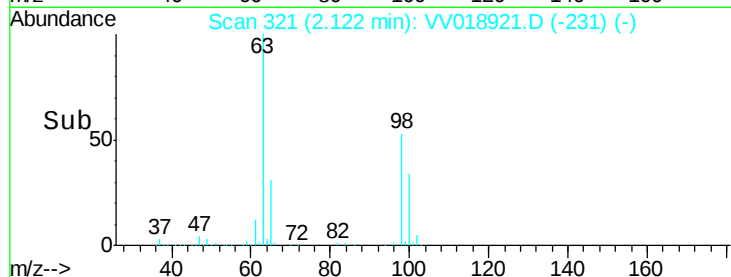
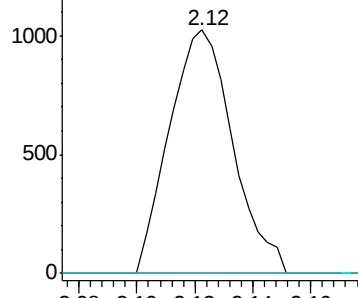
151 0.0 59.7 89.5#



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



#20

cis-1,2-Dichloroethene

Concen: 5.481 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018921.D

Acq: 15 Oct 2020 19:24

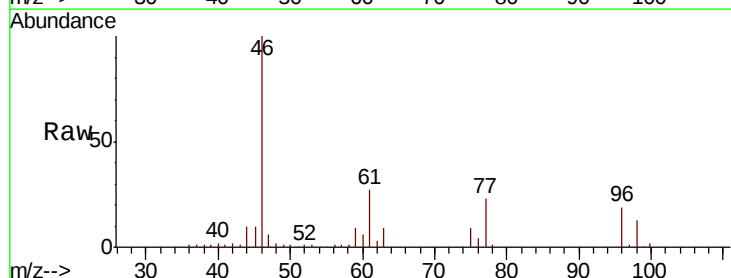
Tgt Ion: 96 Resp: 14334

Ion Ratio Lower Upper

96 100

61 146.8 96.1 178.5

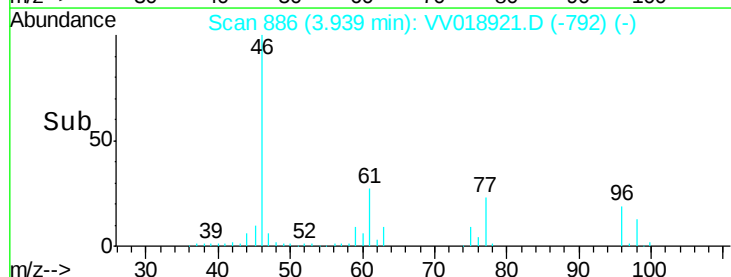
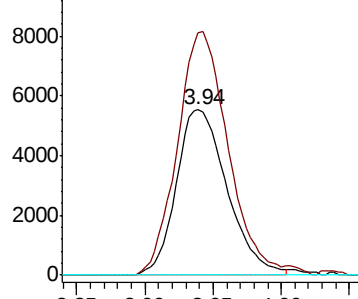
68 0.0 0.0 0.0

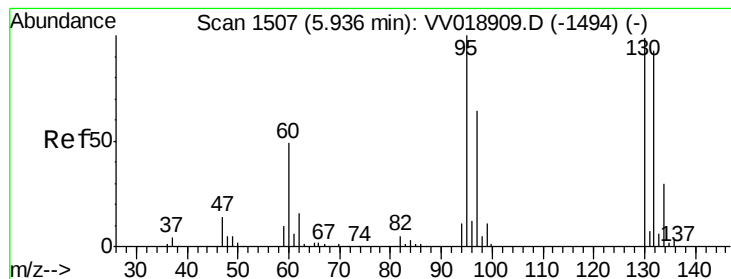


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 63.416 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018921.D

Acq: 15 Oct 2020 19:24

Instrument :

MSVOA_V

ClientSampleId :

C0AJ1DL

Tot Ion: 95 Resp: 185561

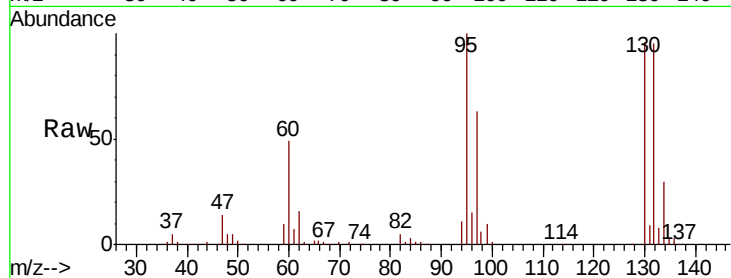
Ion Ratio Lower Upper

95 100

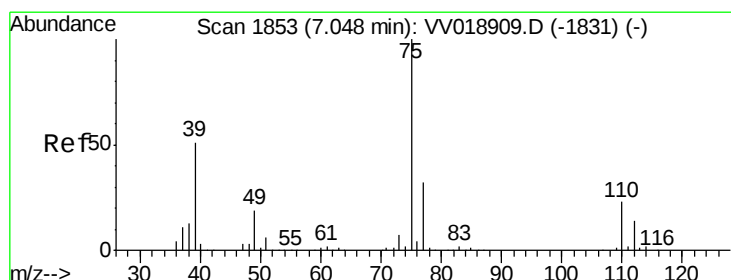
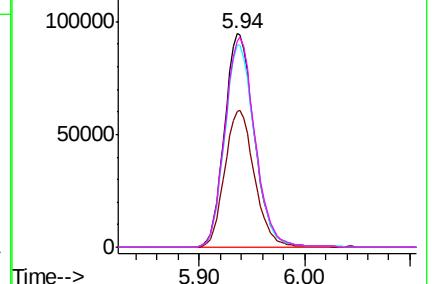
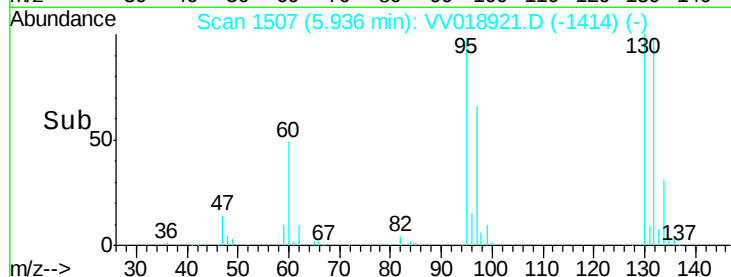
97 63.4 44.7 82.9

132 94.6 67.0 124.4

130 96.4 70.8 131.6



Abundance Ion 95.00 (94.70 to 95.70): VV018921.D (-1414) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.073 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV018921.D

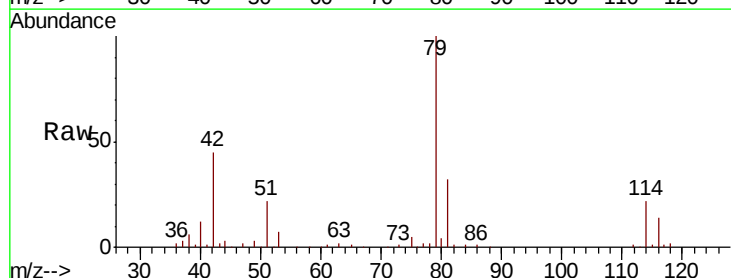
Acq: 15 Oct 2020 19:24

Tgt Ion: 75 Resp: 4380

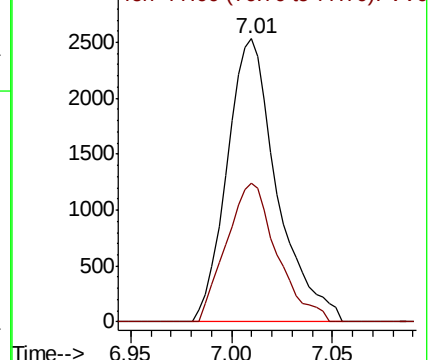
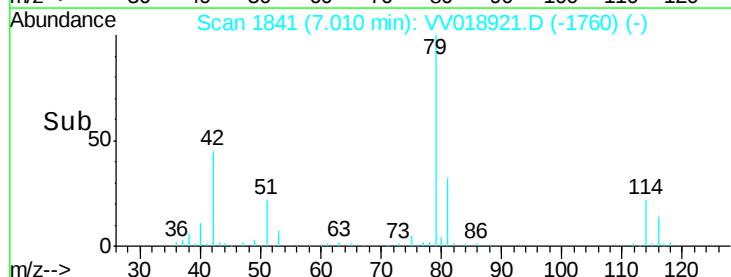
Ion Ratio Lower Upper

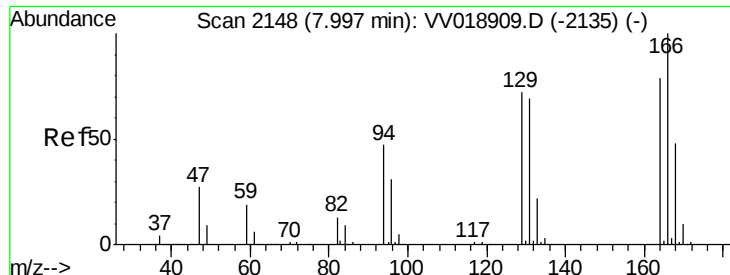
75 100

77 49.1 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV018921.D (-1760) (-)





#46

Tetrachloroethene

Concen: 18.831 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018921.D

Acq: 15 Oct 2020 19:24

Instrument :

MSVOA_V

ClientSampleId :

C0AJ1DL

Tot Ion:164 Resp: 38833

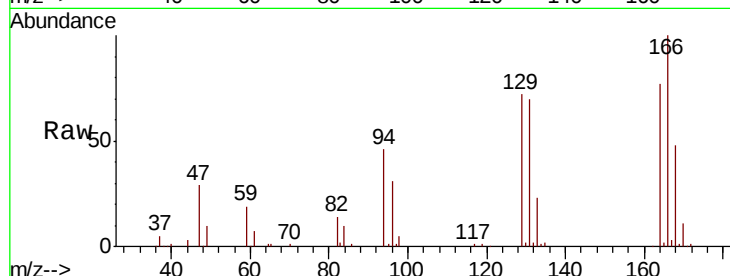
Ion Ratio Lower Upper

164 100

129 93.5 65.0 120.8

131 90.3 62.9 116.7

166 129.7 91.1 169.3

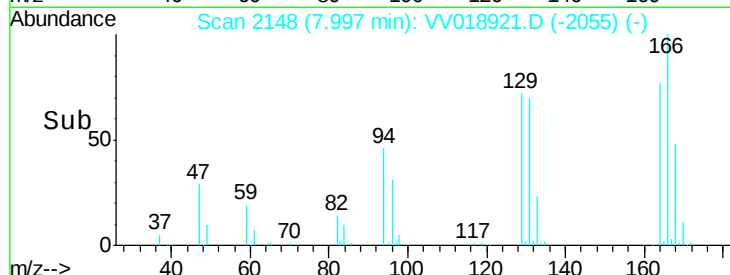


Abundance Ion 164.00 (163.70 to 164.70): V

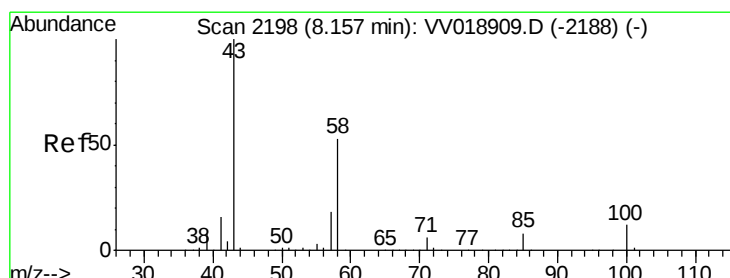
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->



#48

2-Hexanone

Concen: 5.552 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018921.D

Acq: 15 Oct 2020 19:24

Tgt Ion: 43 Resp: 16490

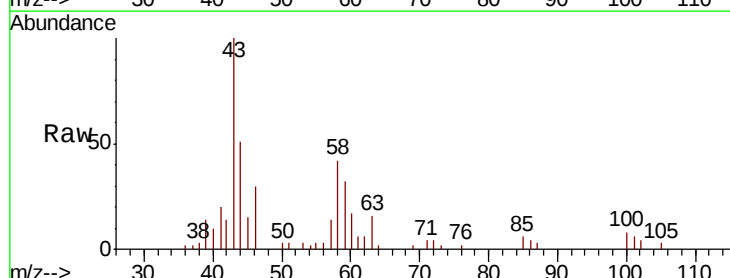
Ion Ratio Lower Upper

43 100

58 31.9 42.5 63.7#

57 3.8 14.5 21.7#

100 6.4 9.0 13.4#

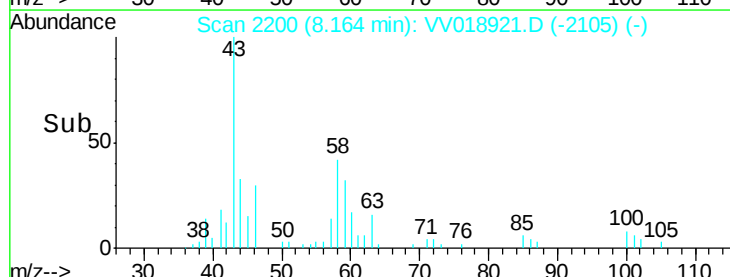


Abundance Ion 43.00 (42.70 to 43.70): VV0

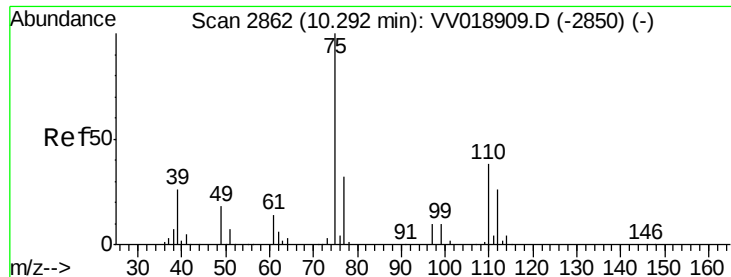
Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0



Time-->



#59

1,2,3-Trichloropropane

Concen: 5.965 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018921.D

Acq: 15 Oct 2020 19:24

Instrument :

MSVOA_V

ClientSampleId :

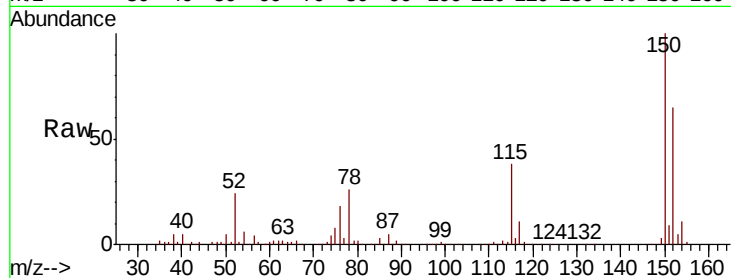
C0AJ1DL

Tot Ion: 75 Resp: 19613

Ion Ratio Lower Upper

75 100

77 37.1 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

