

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018905.D
 Acq On : 14 Oct 2020 19:55
 Operator : SY/MD
 Sample : L4351-04DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ1DL

Quant Time: Oct 15 02:09:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 02:07:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	290782	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284026	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132033	50.00	ug/L	0.00

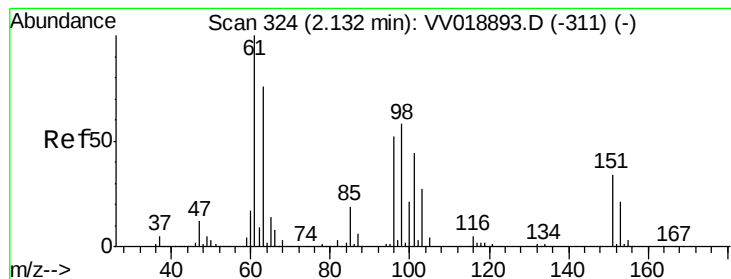
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122224	51.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.12%
7) Chloroethane-d5	1.58	69	99355	52.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.78%
11) 1,1-Dichloroethene-d2	2.12	63	178325	39.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.92%
21) 2-Butanone-d5	3.91	46	155384	93.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.13%
24) Chloroform-d	4.38	84	222696	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.56%
26) 1,2-Dichloroethane-d4	5.05	65	154892	54.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.52%
32) Benzene-d6	5.07	84	445850	53.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.54%
36) 1,2-Dichloropropane-d6	6.09	67	146254	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.34%
41) Toluene-d8	7.34	98	390361	52.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.96%
43) trans-1,3-Dichloropropene-	7.64	79	65773	50.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.52%
47) 2-Hexanone-d5	8.11	63	87423	88.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.77%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	147567	47.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	153471	57.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.26%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1492	0.791 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1629	0.852 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	15722	6.990 ug/L	100
34) Trichloroethene	5.94	95	190366	75.820 ug/L	98
46) Tetrachloroethene	8.00	164	39649	22.407 ug/L	97
48) 2-Hexanone	8.16	43	14919	5.854 ug/L #	47
59) 1,2,3-Trichloropropane	11.27	75	16453	5.832 ug/L	90

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



#10

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

Concen: 0.791 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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MSVOA_V

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C0AJ1DL

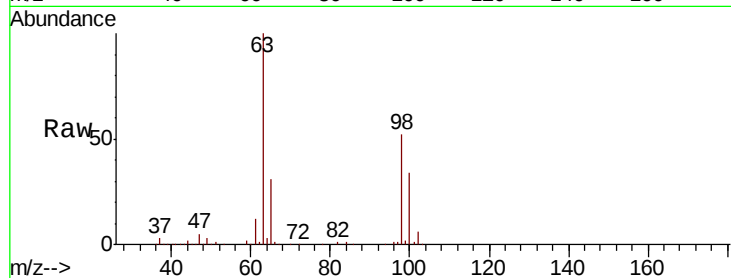
Tot Ion:101 Resp: 1492

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

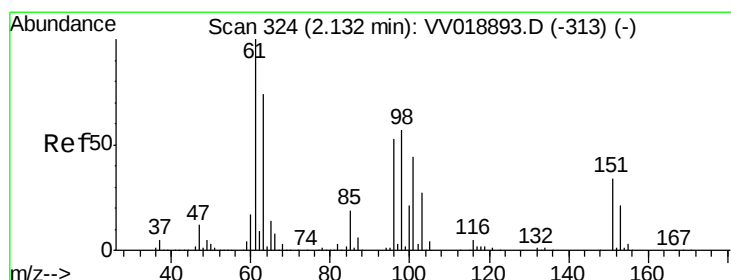
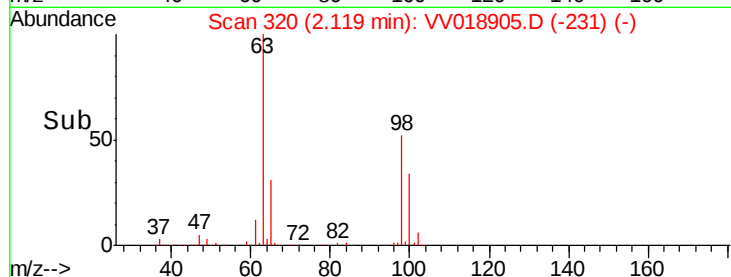
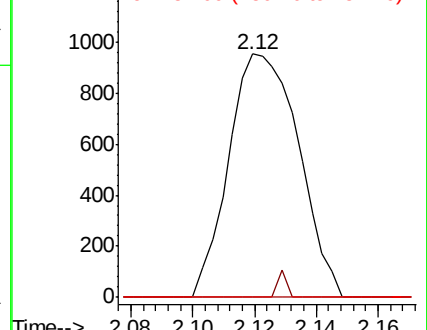
151 0.0 59.7 89.5#



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



#12

1,1-Dichloroethene

Concen: 0.852 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018905.D

Acq: 14 Oct 2020 19:55

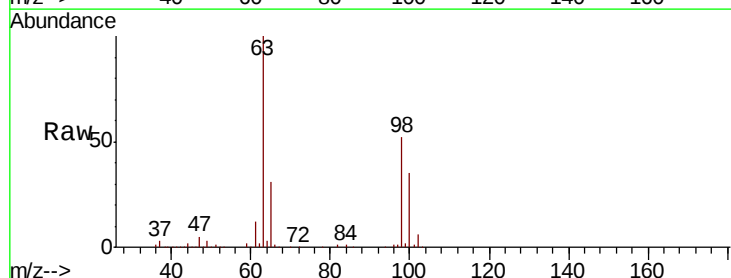
Tgt Ion: 96 Resp: 1629

Ion Ratio Lower Upper

96 100

61 1455.2 133.5 247.9#

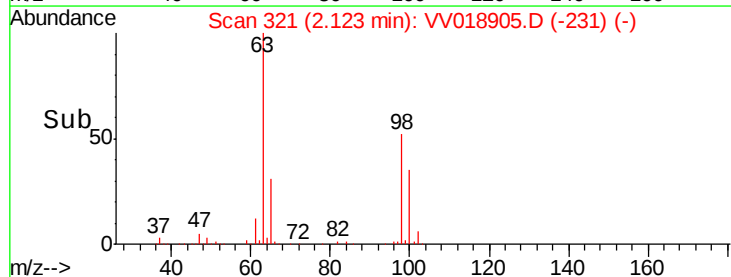
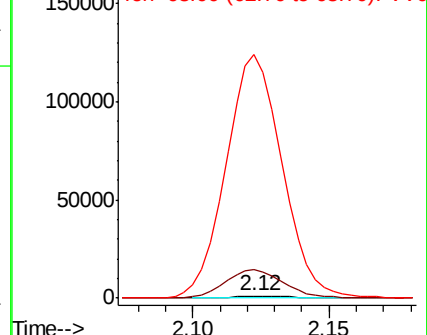
63 12474.4 102.1 189.7#

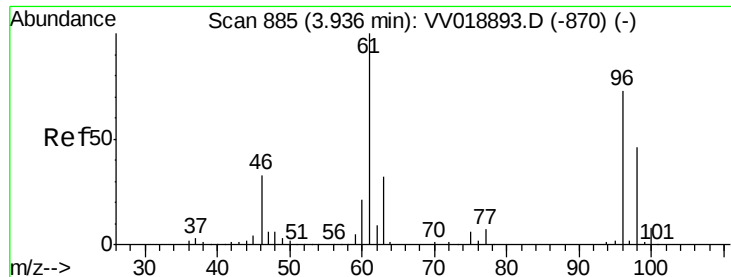


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

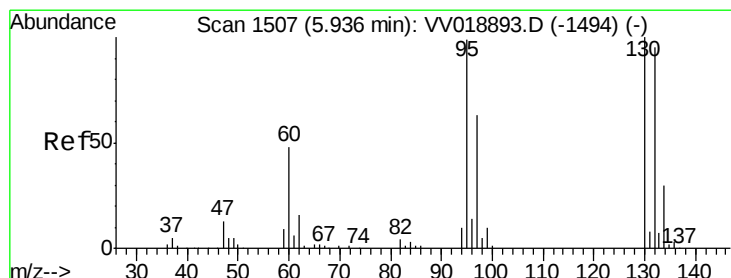
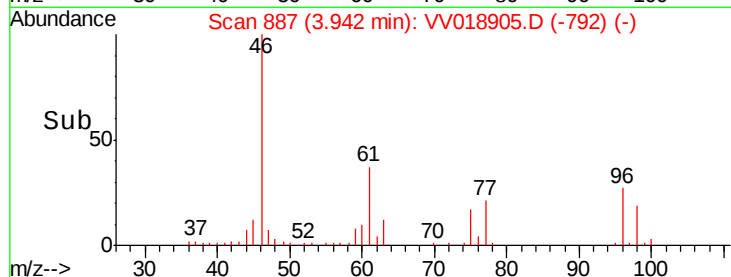
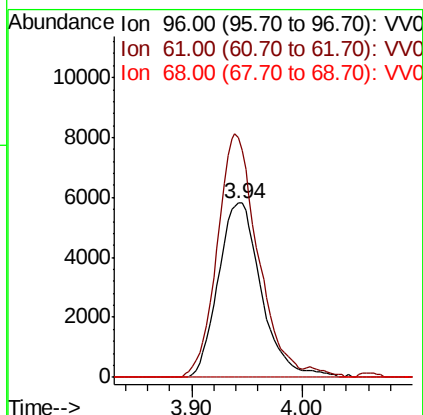
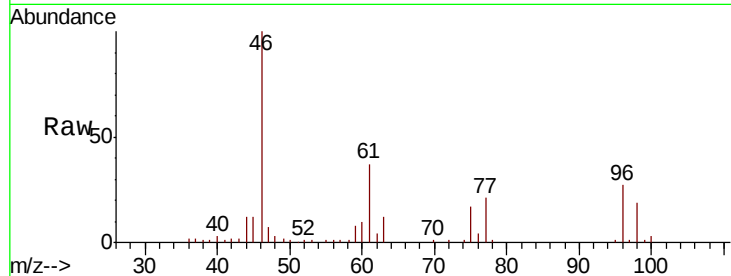




#20
 cis-1,2-Dichloroethene
 Concen: 6.990 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018905.D
 Acq: 14 Oct 2020 19:55

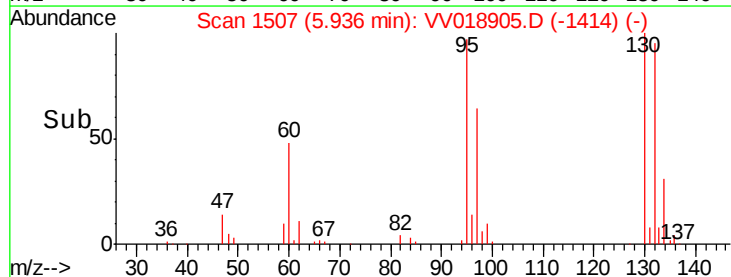
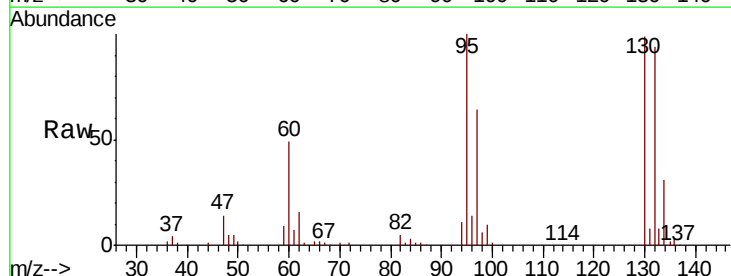
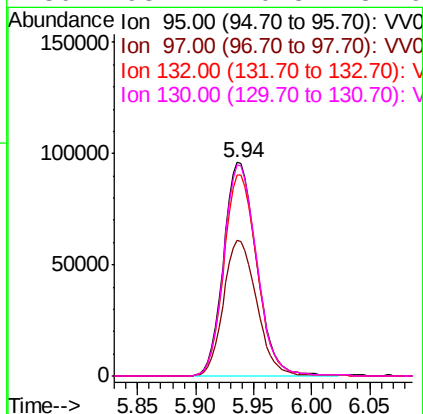
Instrument :
 MSVOA_V
 ClientSampleID :
 C0AJ1DL

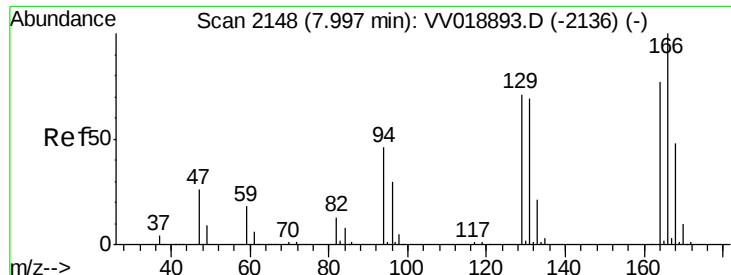
Tot Ion: 96 Resp: 15722
 Ion Ratio Lower Upper
 96 100
 61 137.3 96.1 178.5
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 75.820 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV018905.D
 Acq: 14 Oct 2020 19:55

Tgt Ion: 95 Resp: 190366
 Ion Ratio Lower Upper
 95 100
 97 63.5 44.7 82.9
 132 94.2 67.0 124.4
 130 98.7 70.8 131.6





#46

Tetrachloroethene

Concen: 22.407 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018905.D

Acq: 14 Oct 2020 19:55

Instrument :

MSVOA_V

ClientSampleId :

C0AJ1DL

Tot Ion:164 Resp: 39649

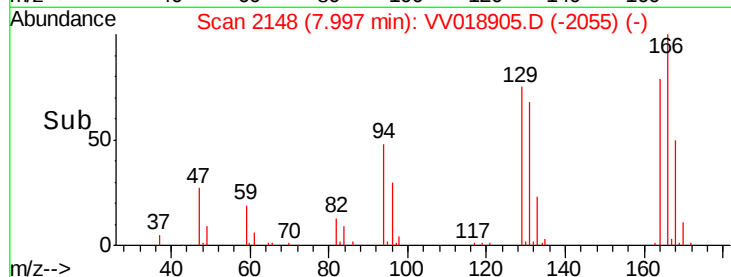
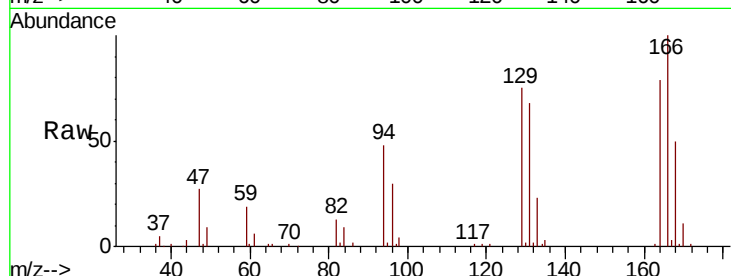
Ion Ratio Lower Upper

164 100

129 95.1 65.0 120.8

131 86.6 62.9 116.7

166 126.8 91.1 169.3

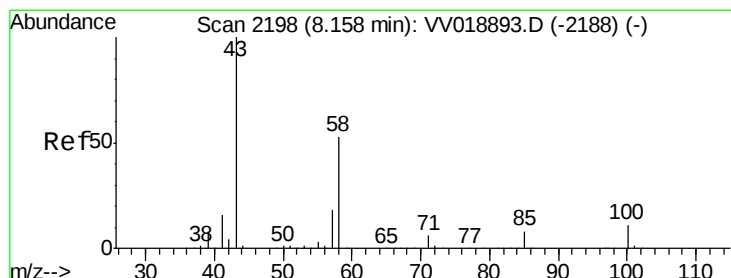
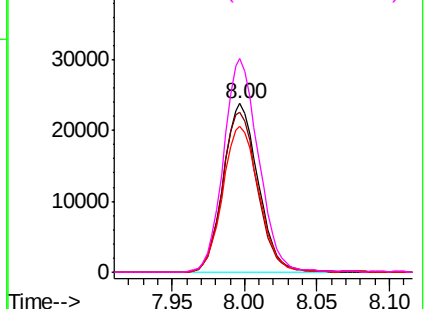


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.854 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018905.D

Acq: 14 Oct 2020 19:55

Tgt Ion: 43 Resp: 14919

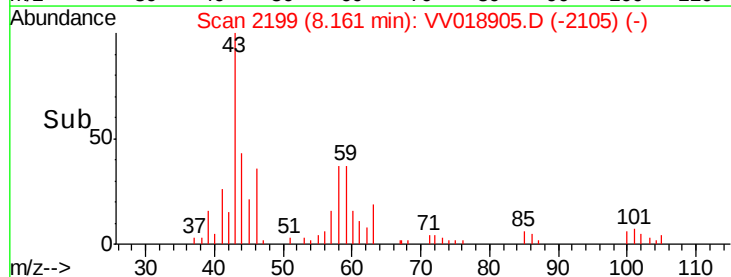
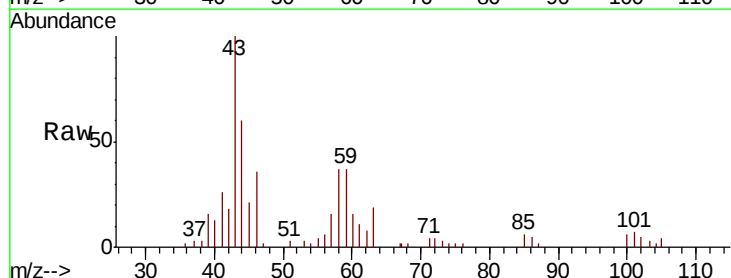
Ion Ratio Lower Upper

43 100

58 0.0 42.5 63.7#

57 16.0 14.5 21.7

100 1.0 9.0 13.4#

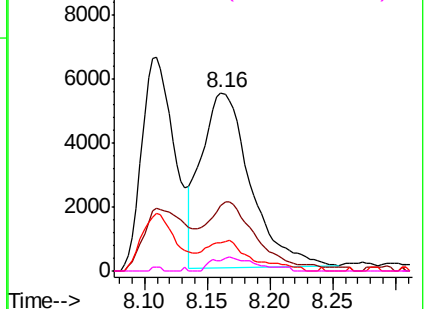


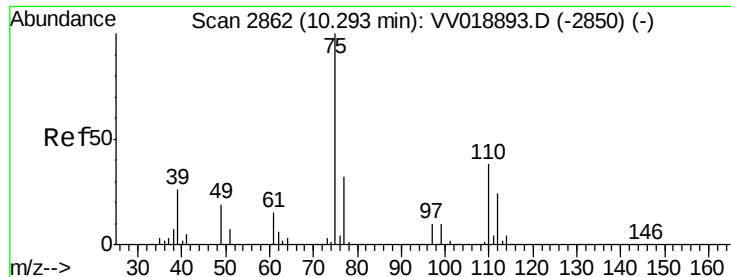
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 5.832 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018905.D

Acq: 14 Oct 2020 19:55

Instrument :

MSVOA_V

ClientSampleId :

C0AJ1DL

Tot Ion: 75 Resp: 16453

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.2

