

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
 Data File : VV018836.D
 Acq On : 10 Oct 2020 16:36
 Operator : SY/MD
 Sample : L4287-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG6

Quant Time: Oct 12 05:49:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 04:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304212	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282710	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141097	50.00	ug/L	0.00

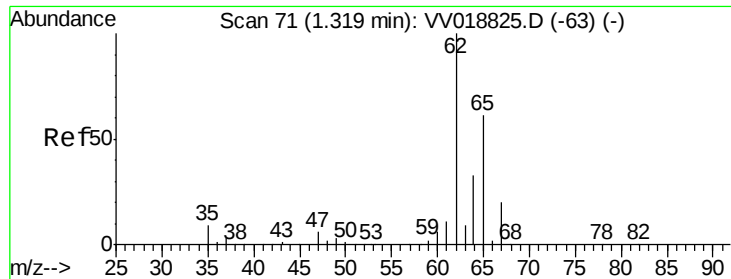
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89866	32.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.02%
7) Chloroethane-d5	1.58	69	85207	38.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.12	63	141865	26.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.24%#
21) 2-Butanone-d5	3.91	46	156243	92.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.06%
24) Chloroform-d	4.38	84	192989	39.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.14%
26) 1,2-Dichloroethane-d4	5.06	65	146331	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
32) Benzene-d6	5.08	84	385003	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.64%
36) 1,2-Dichloropropane-d6	6.09	67	133183	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.78%
41) Toluene-d8	7.34	98	309190	38.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.56%#
43) trans-1,3-Dichloropropene-	7.64	79	51729	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.34%
47) 2-Hexanone-d5	8.11	63	83615	80.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165743	48.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	149832	47.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.96%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	19938	7.423	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	3430	1.543	ug/L 96
20) cis-1,2-Dichloroethene	3.94	96	47922	20.403	ug/L 99
34) Trichloroethene	5.94	95	3063	1.187	ug/L 94
46) Tetrachloroethene	8.00	164	9905	5.236	ug/L 96

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



#5

Vinyl chloride

Concen: 7.423 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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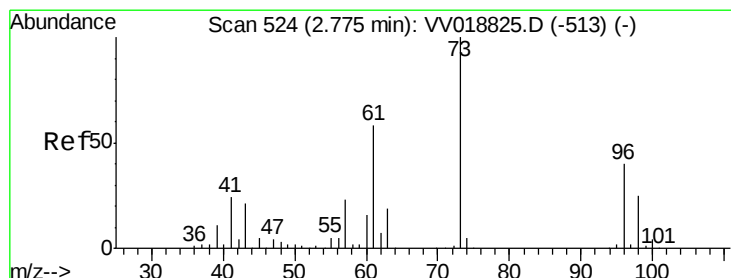
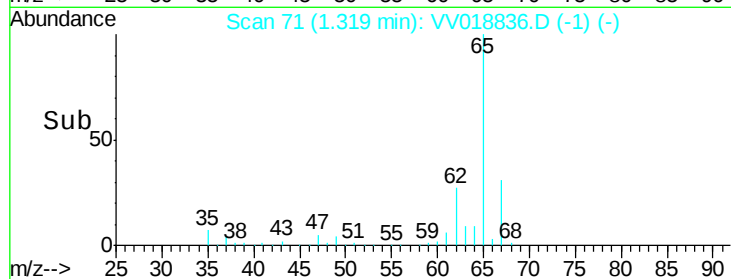
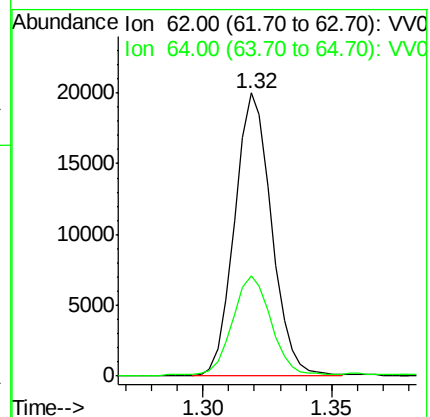
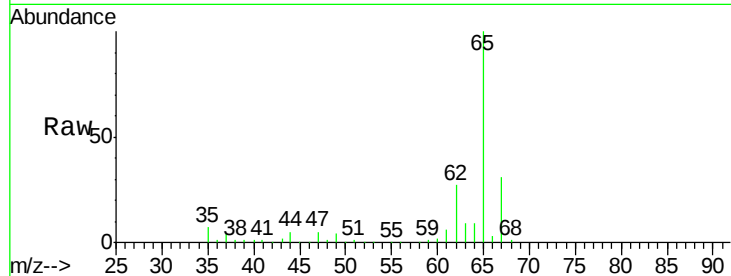
C0AG6

Tot Ion: 62 Resp: 19938

Ion Ratio Lower Upper

62 100

64 35.3 23.2 43.0



#17

trans-1,2-Dichloroethene

Concen: 1.543 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV018836.D

Acq: 10 Oct 2020 16:36

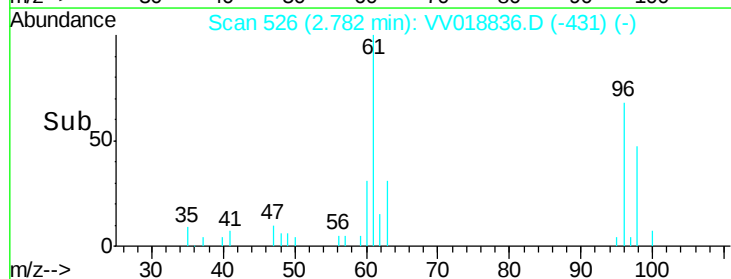
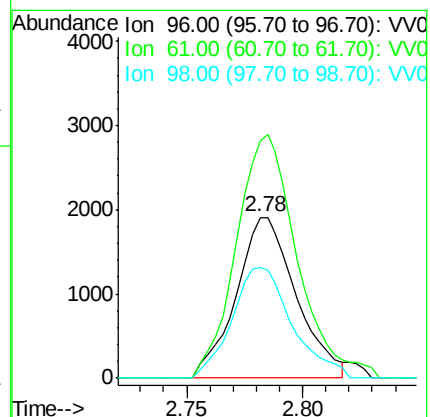
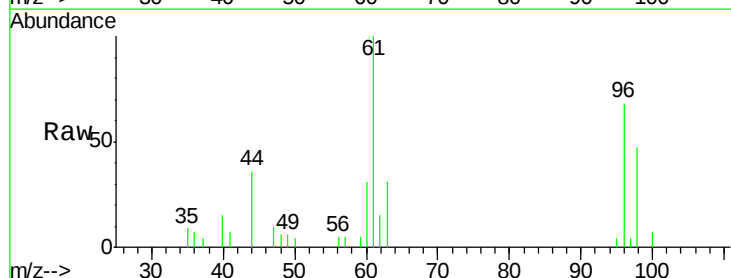
Tgt Ion: 96 Resp: 3430

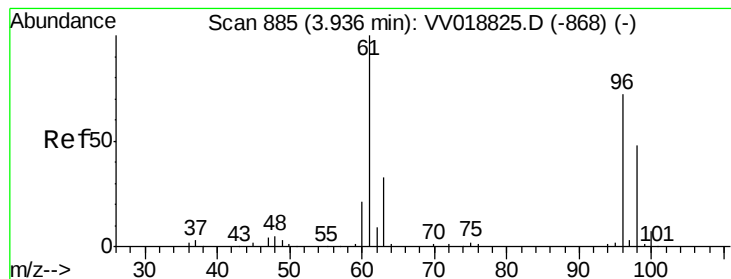
Ion Ratio Lower Upper

96 100

61 147.0 105.7 196.3

98 68.8 44.7 83.1





#20

cis-1,2-Dichloroethene

Concen: 20.403 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV018836.D

Acq: 10 Oct 2020 16:36

Instrument :

MSVOA_V

ClientSampleId :

C0AG6

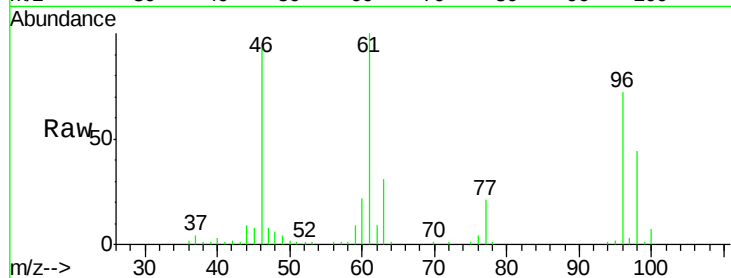
Tot Ion: 96 Resp: 47922

Ion Ratio Lower Upper

96 100

61 138.2 97.3 180.7

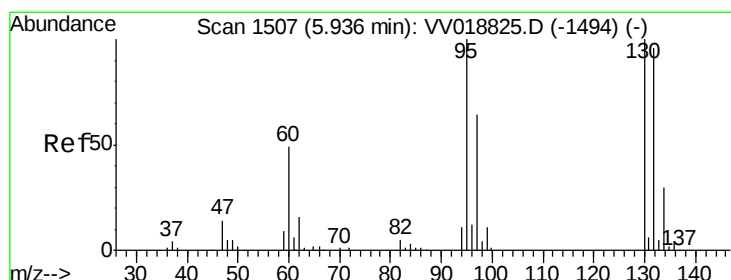
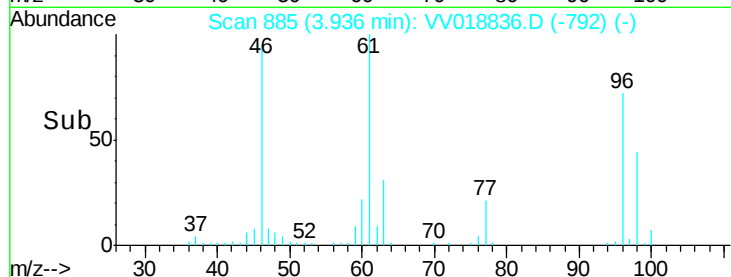
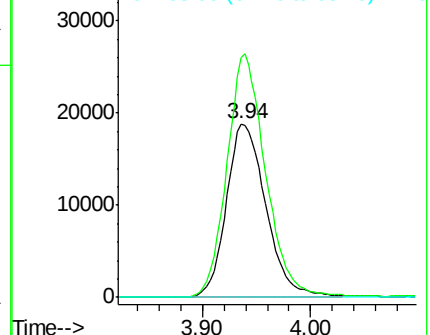
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018825.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV018825.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV018825.D (-868) (-)



#34

Trichloroethene

Concen: 1.187 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018836.D

Acq: 10 Oct 2020 16:36

Tgt Ion: 95 Resp: 3063

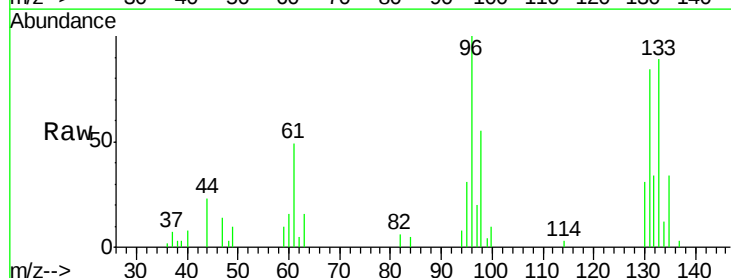
Ion Ratio Lower Upper

95 100

97 64.9 45.1 83.9

132 110.6 66.2 123.0

130 99.2 69.1 128.3

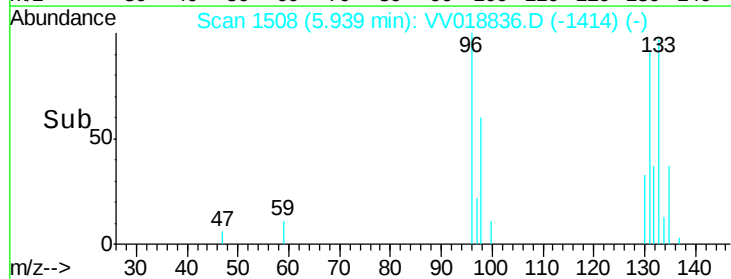
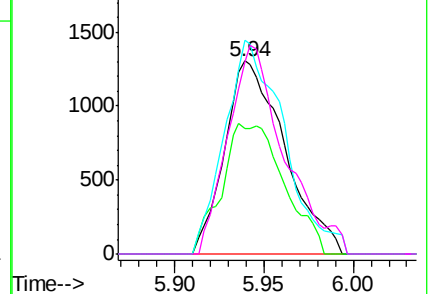


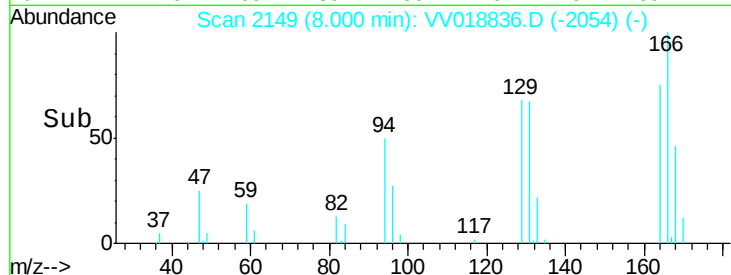
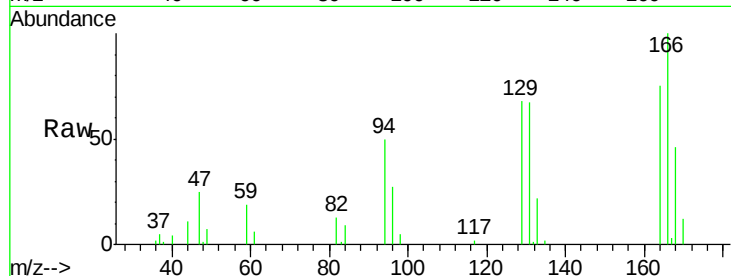
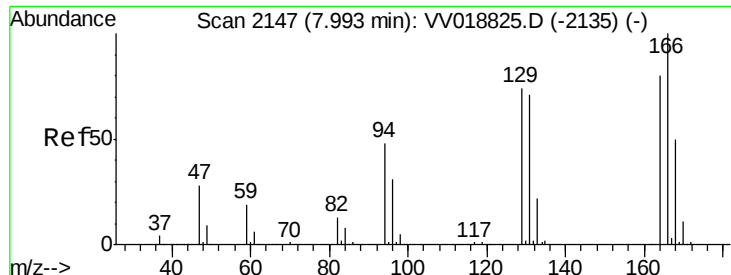
Abundance Ion 95.00 (94.70 to 95.70): VV018825.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV018825.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV018825.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV018825.D (-1494) (-)





#46

Tetrachloroethene

Concen: 5.236 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018836.D

Acq: 10 Oct 2020 16:36

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Tot Ion:164 Resp: 9905

Ion Ratio Lower Upper

164 100

129 90.7 64.6 120.0

131 88.8 63.6 118.0

166 132.9 88.3 164.1

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

