

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017907.D
 Acq On : 10 Aug 2020 19:37
 Operator : SY/MD
 Sample : L3608-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L95

Quant Time: Aug 11 03:56:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	230983	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	221107	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111218	50.00	ug/L	0.00

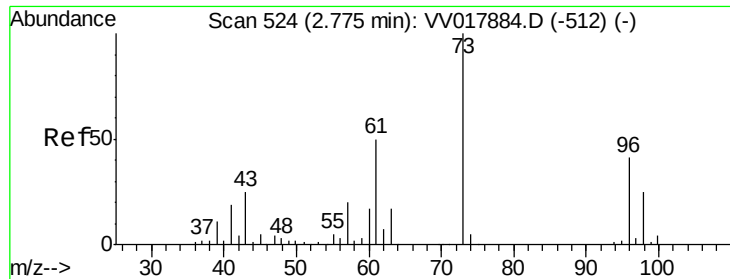
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45879	38.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.92%
7) Chloroethane-d5	1.58	69	41286	40.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.48%
11) 1,1-Dichloroethene-d2	2.12	63	82437	28.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.52%#
21) 2-Butanone-d5	3.91	46	77143	103.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.28%
24) Chloroform-d	4.38	84	140443	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.06	65	109332	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
32) Benzene-d6	5.07	84	237119	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
36) 1,2-Dichloropropane-d6	6.09	67	63039	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.38%
41) Toluene-d8	7.34	98	229680	44.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.52%
43) trans-1,3-Dichloropropene-	7.64	79	39861	47.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.64%
47) 2-Hexanone-d5	8.11	63	48059	102.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96963	48.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	111756	49.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.58%

Target Compounds

					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	3731	2.686 ug/L	91
20) cis-1,2-Dichloroethene	3.94	96	175139	116.754 ug/L	95
34) Trichloroethene	5.94	95	221665	140.318 ug/L	99
46) Tetrachloroethene	8.00	164	70815	47.561 ug/L	93

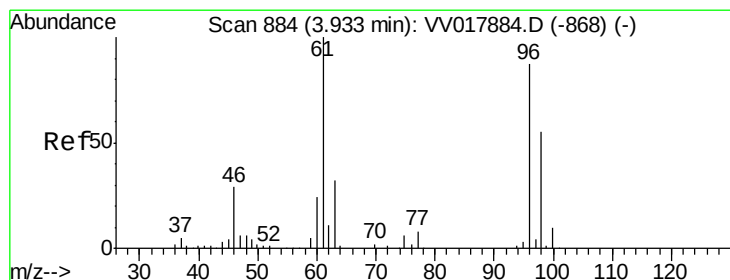
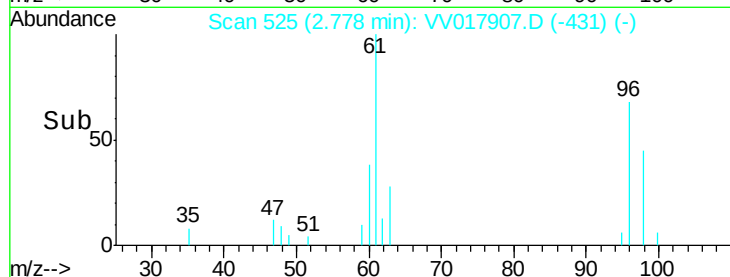
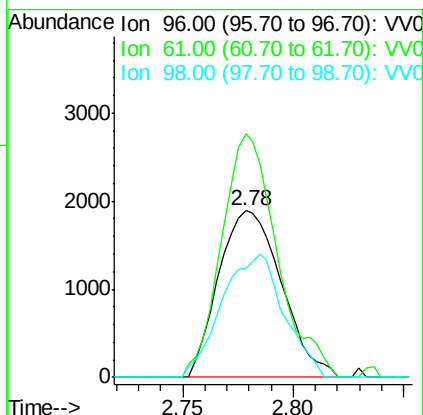
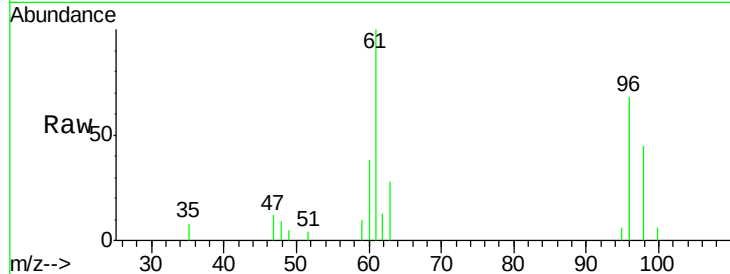
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#17
 trans-1,2-Dichloroethene
 Concen: 2.686 ug/L
 RT: 2.78 min Scan# 525
 Delta R.T. 0.00 min
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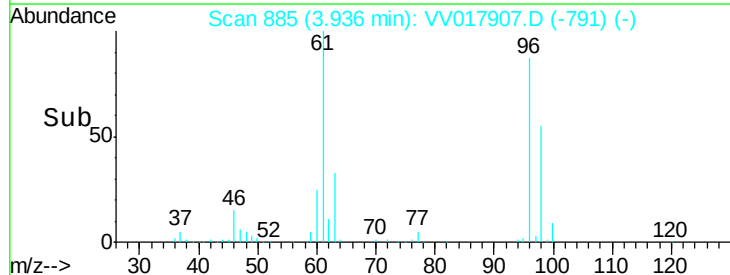
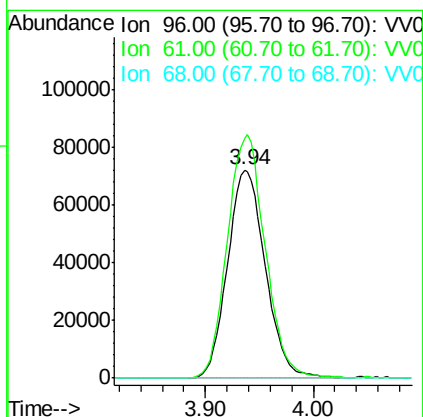
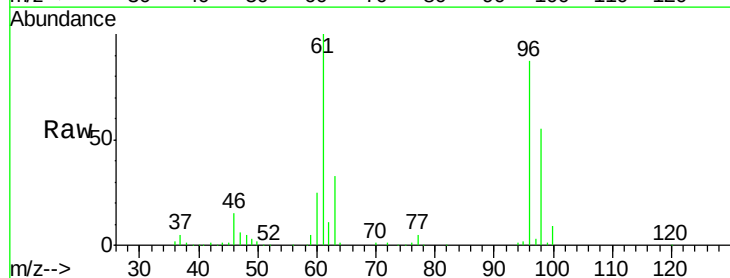
Instrument :
 MSVOA_V
 ClientSampled :
 F2L95

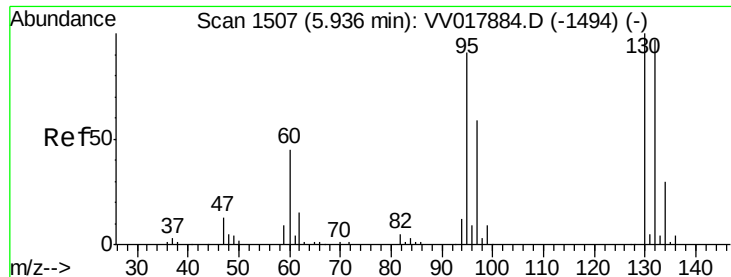
Tot Ion: 96 Resp: 3731
 Ion Ratio Lower Upper
 96 100
 61 146.1 92.4 171.6
 98 65.7 47.5 88.1



#20
 cis-1,2-Dichloroethene
 Concen: 116.754 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017907.D
 Acq: 10 Aug 2020 19:37

Tgt Ion: 96 Resp: 175139
 Ion Ratio Lower Upper
 96 100
 61 114.8 84.4 156.8
 68 0.0 0.0 0.0

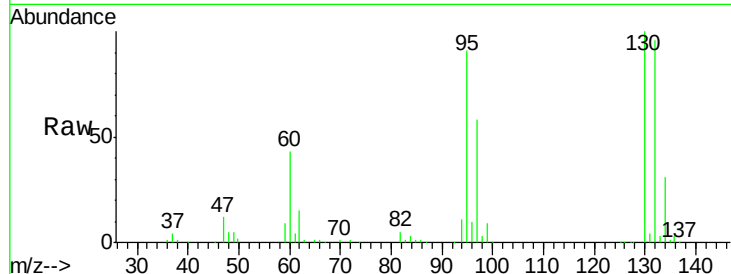




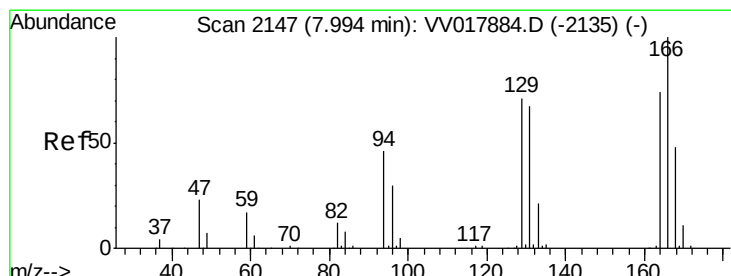
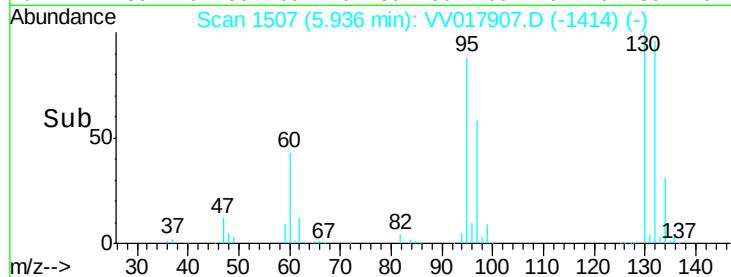
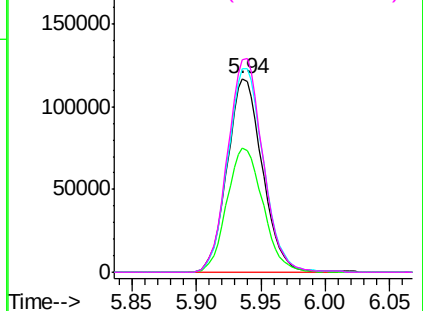
#34
 Trichloroethene
 Concen: 140.318 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV017907.D
 Acq: 10 Aug 2020 19:37

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L95

Tot Ion:	95	Resp:	221665
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.7	83.1
132	105.0	73.6	136.8
130	109.6	77.6	144.0

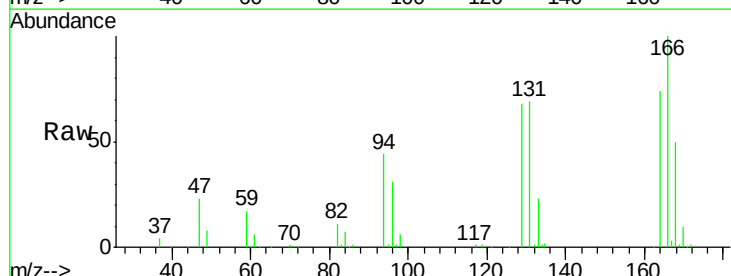


Abundance Ion 95.00 (94.70 to 95.70): VV017884.D (-1494) (-)
 Ion 97.00 (96.70 to 97.70): VV017884.D (-1494) (-)
 Ion 132.00 (131.70 to 132.70): VV017884.D (-1494) (-)
 Ion 130.00 (129.70 to 130.70): VV017884.D (-1494) (-)



#46
 Tetrachloroethene
 Concen: 47.561 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV017907.D
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Tgt Ion:	164	Resp:	70815
Ion	Ratio	Lower	Upper
164	100		
129	91.5	61.6	114.4
131	92.2	59.6	110.8
166	134.5	87.2	161.9



Abundance Ion 164.00 (163.70 to 164.70): VV017884.D (-2135) (-)
 Ion 129.00 (128.70 to 129.70): VV017884.D (-2135) (-)
 Ion 131.00 (130.70 to 131.70): VV017884.D (-2135) (-)
 Ion 166.00 (165.70 to 166.70): VV017884.D (-2135) (-)

