

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017875.D
 Acq On : 08 Aug 2020 23:39
 Operator : SY/MD
 Sample : L3608-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L85

Quant Time: Aug 10 05:13:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	223783	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	214524	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	105299	50.00	ug/L	0.00

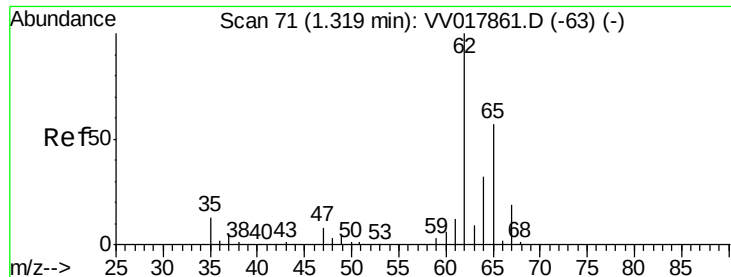
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	60906	52.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.40%
7) Chloroethane-d5	1.58	69	52499	53.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.94%
11) 1,1-Dichloroethene-d2	2.12	63	106636	38.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.80%
21) 2-Butanone-d5	3.91	46	72037	99.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.54%
24) Chloroform-d	4.37	84	149979	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
26) 1,2-Dichloroethane-d4	5.05	65	117094	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.36%
32) Benzene-d6	5.07	84	259637	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.82%
36) 1,2-Dichloropropane-d6	6.09	67	66411	52.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.74%
41) Toluene-d8	7.34	98	254304	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%
43) trans-1,3-Dichloropropene-	7.64	79	36145	44.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.38%
47) 2-Hexanone-d5	8.11	63	42342	93.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97699	49.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	116460	54.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.50%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	260401	199.155	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1231	0.861	ug/L # 14
20) cis-1,2-Dichloroethene	3.94	96	49902	34.337	ug/L 100
27) 1,2-Dichloroethane	5.07	62	2189	0.849	ug/L 97
39) cis-1,3-Dichloropropene	7.01	75	2468	1.293	ug/L # 71
48) 2-Hexanone	8.11	43	6875	5.673	ug/L # 61

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



#5

Vinyl chloride

Concen: 199.155 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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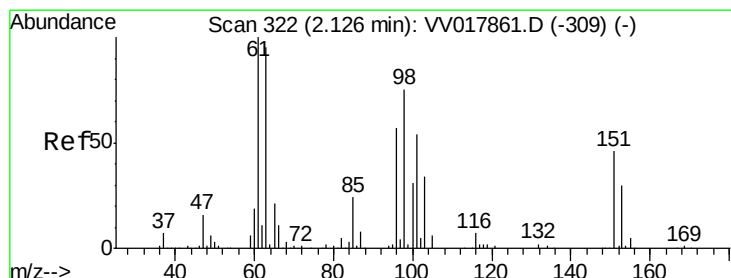
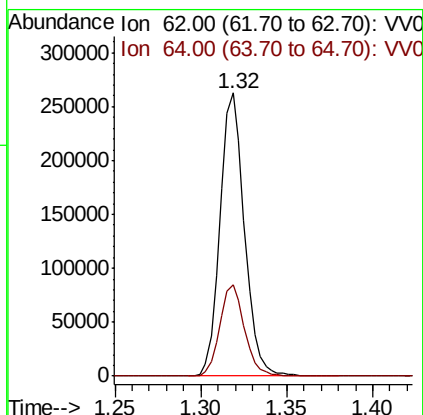
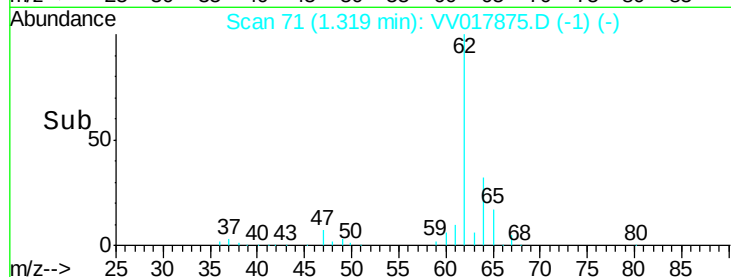
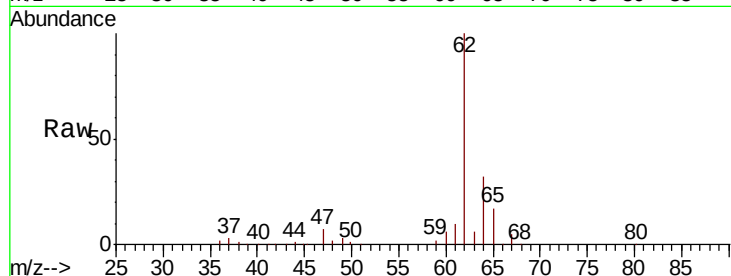
F2L85

Tot Ion: 62 Resp: 260401

Ion Ratio Lower Upper

62 100

64 32.2 24.0 44.6



#10

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

Concen: 0.861 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

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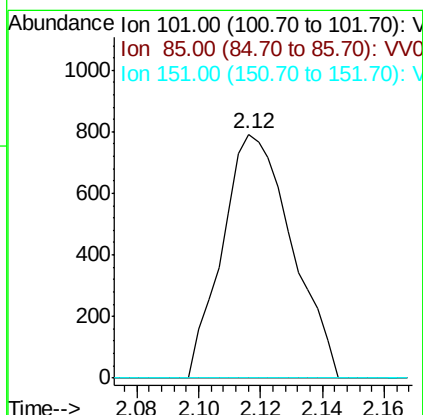
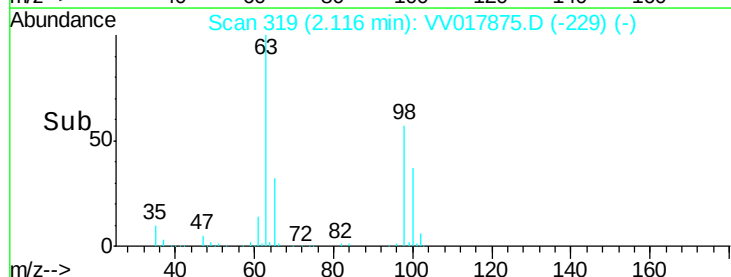
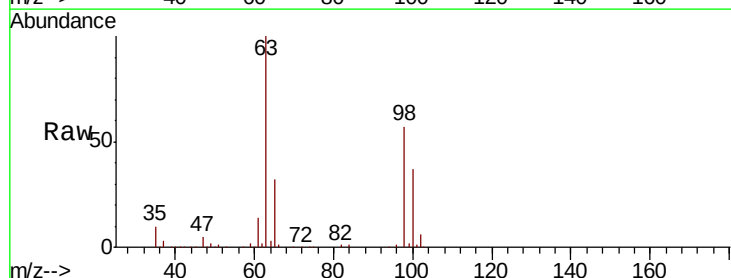
Tgt Ion: 101 Resp: 1231

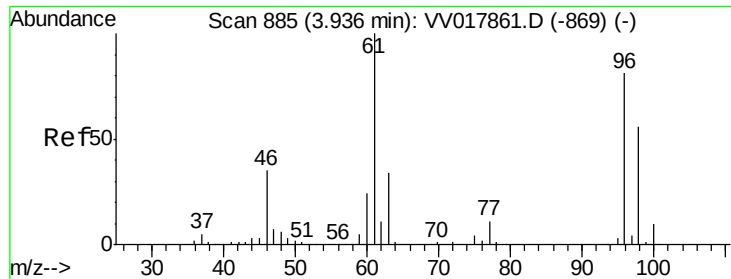
Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 71.0 106.6#

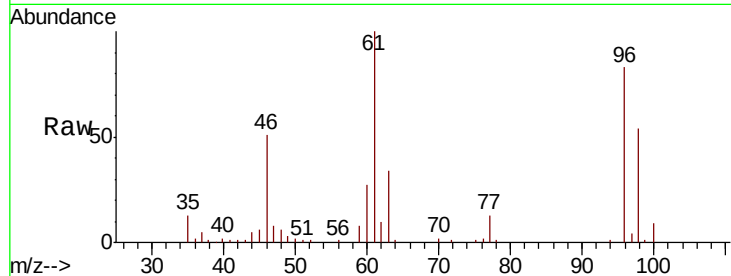




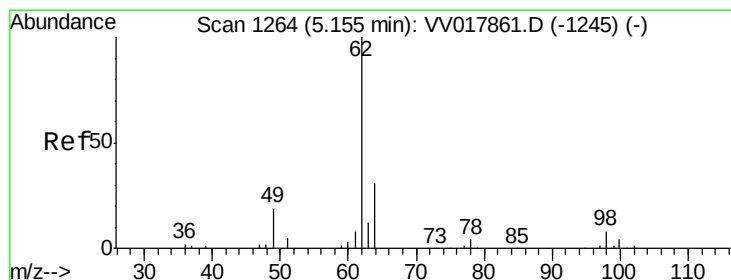
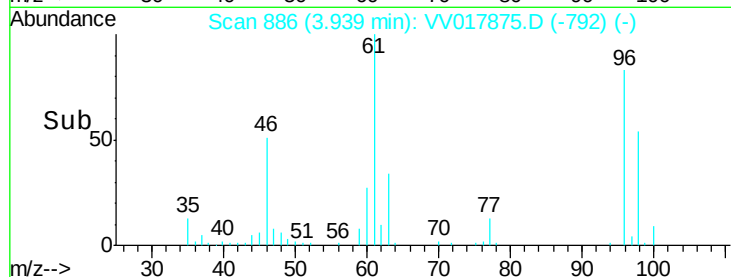
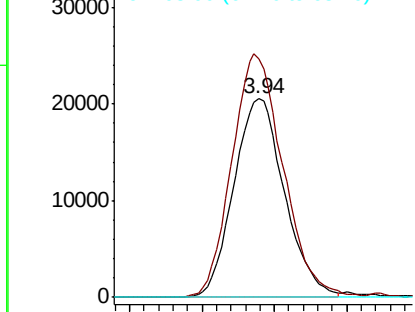
#20
 cis-1,2-Dichloroethene
 Concen: 34.337 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017875.D
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Instrument :
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 ClientSampleId :
 F2L85

Tot Ion: 96 Resp: 49902
 Ion Ratio Lower Upper
 96 100
 61 120.3 84.4 156.8
 68 0.0 0.0 0.0

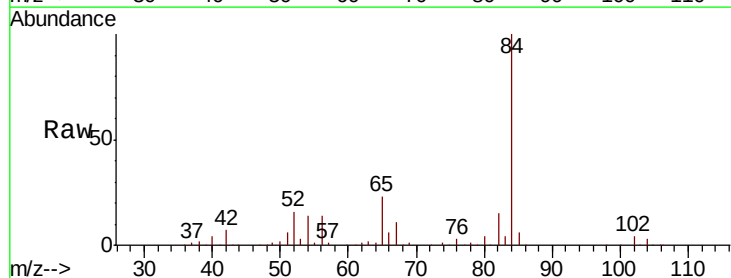


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

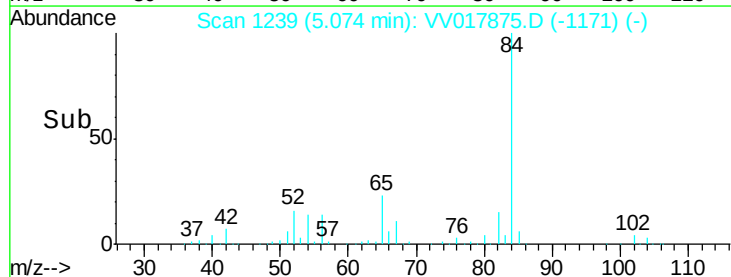
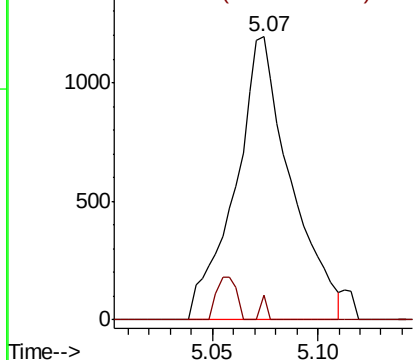


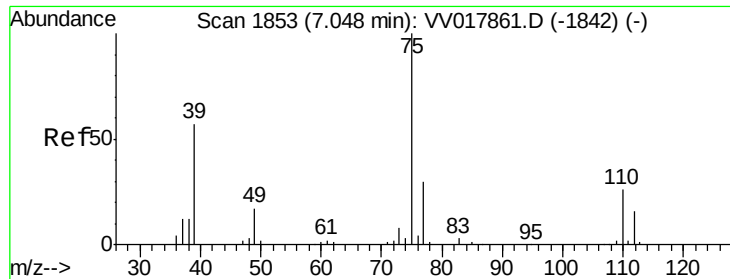
#27
 1,2-Dichloroethane
 Concen: 0.849 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV017875.D
 Acq: 08 Aug 2020 23:39

Tgt Ion: 62 Resp: 2189
 Ion Ratio Lower Upper
 62 100
 98 9.0 6.2 9.4



Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

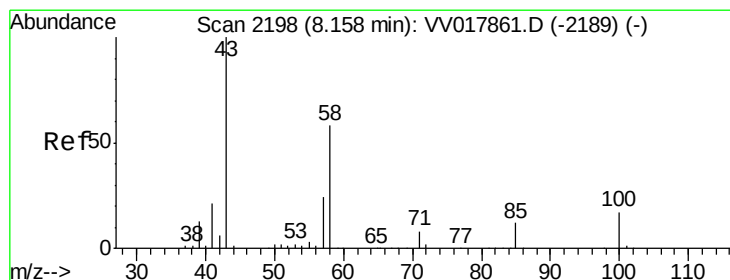
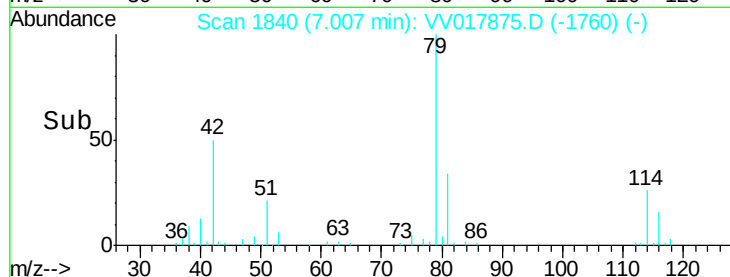
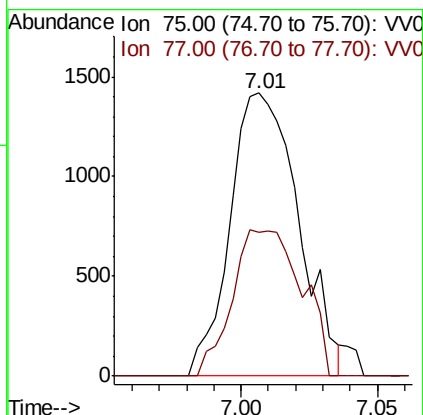
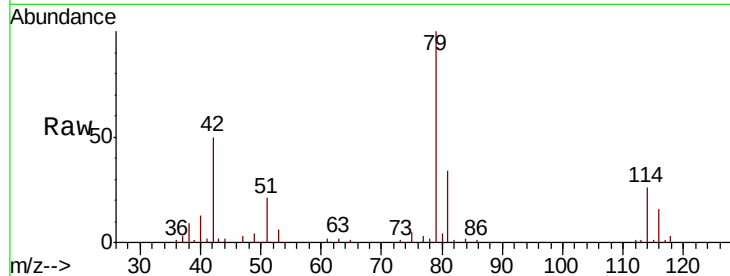




#39
 cis-1,3-Dichloropropene
 Concen: 1.293 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017875.D
 Acq: 08 Aug 2020 23:39

Instrument :
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 F2L85

Tot Ion: 75 Resp: 2468
 Ion Ratio Lower Upper
 75 100
 77 50.7 23.7 44.1#



#48
 2-Hexanone
 Concen: 5.673 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV017875.D
 Acq: 08 Aug 2020 23:39

Tgt Ion: 43 Resp: 6875
 Ion Ratio Lower Upper
 43 100
 58 17.9 43.8 65.8#
 57 25.9 18.0 27.0
 100 0.0 13.8 20.8#

