

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014665.D
 Acq On : 21 Feb 2020 19:59
 Operator : SY/MD
 Sample : L1607-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP9

Quant Time: Feb 22 00:33:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 23:36:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	223441	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	210290	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	98698	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34994	40.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.20%
7) Chloroethane-d5	1.59	69	28136	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.98%
11) 1,1-Dichloroethene-d2	2.13	63	58154	35.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.50%
21) 2-Butanone-d5	3.95	46	79558	98.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.08%
24) Chloroform-d	4.40	84	128359	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.86%
26) 1,2-Dichloroethane-d4	5.08	65	88595	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
32) Benzene-d6	5.10	84	265555	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
36) 1,2-Dichloropropane-d6	6.11	67	79425	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.88%
41) Toluene-d8	7.36	98	245985	45.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.78%
43) trans-1,3-Dichloropropene-	7.66	79	41639	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
47) 2-Hexanone-d5	8.14	63	61895	95.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.15%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	108864	48.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.82%
64) 1,2-Dichlorobenzene-d4	11.67	152	94811	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

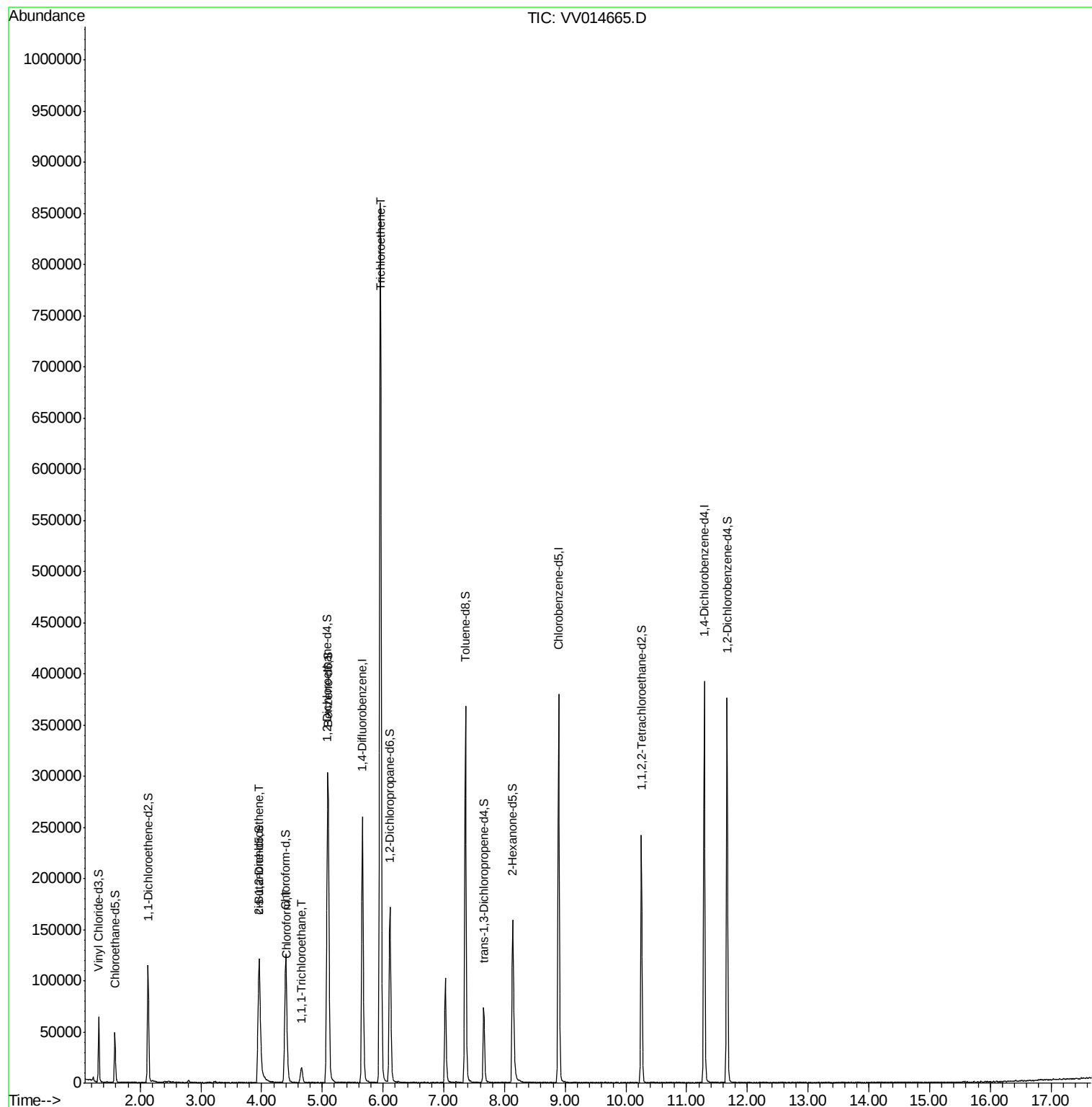
					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	51182	33.363	ug/L 99
25) Chloroform	4.42	83	6536	2.360	ug/L 92
30) 1,1,1-Trichloroethane	4.66	97	11900	4.866	ug/L 97
34) Trichloroethene	5.96	95	296748	187.970	ug/L 99

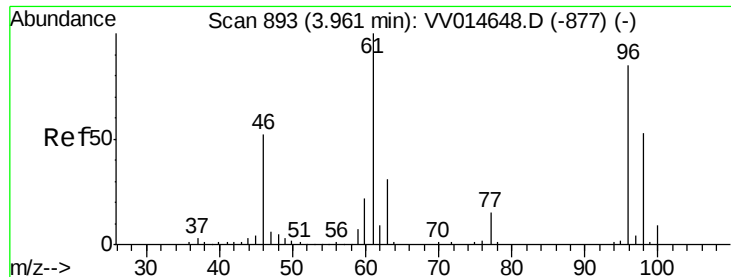
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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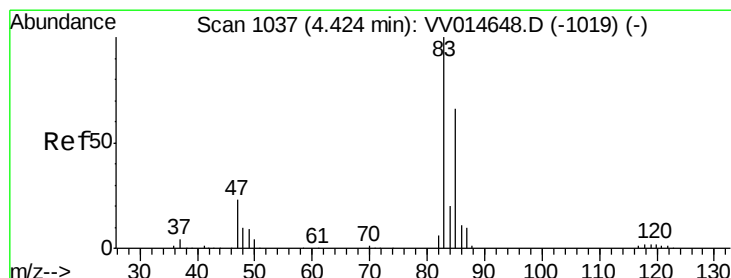
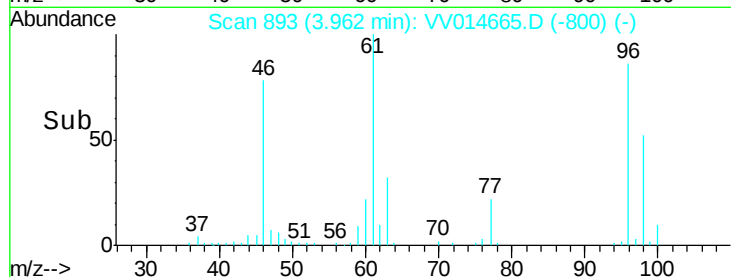
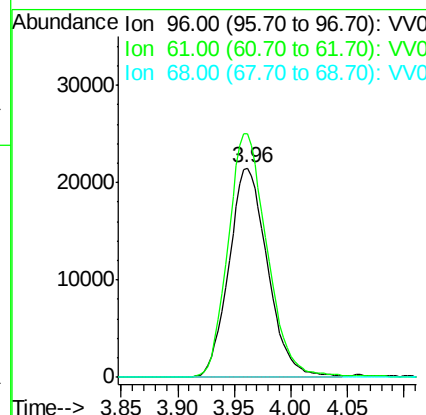
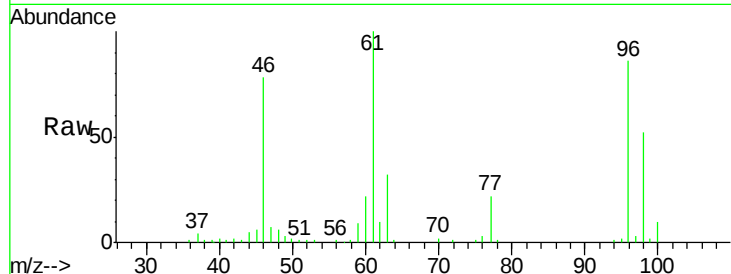




#20
 cis-1,2-Dichloroethene
 Concen: 33.363 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV014665.D
 Acq: 21 Feb 2020 19:59

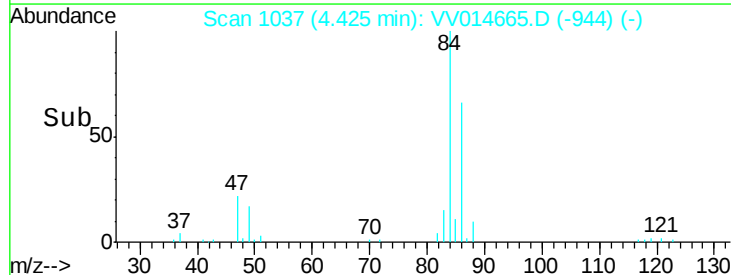
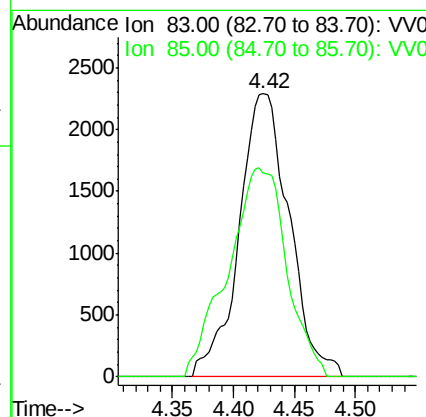
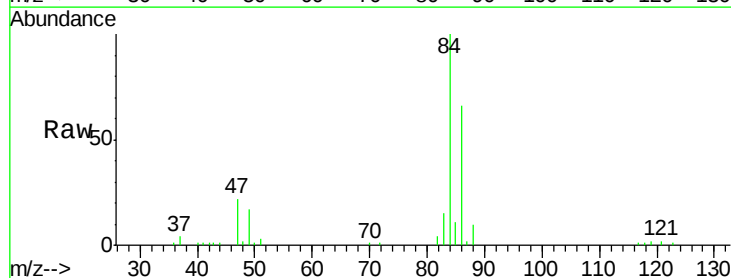
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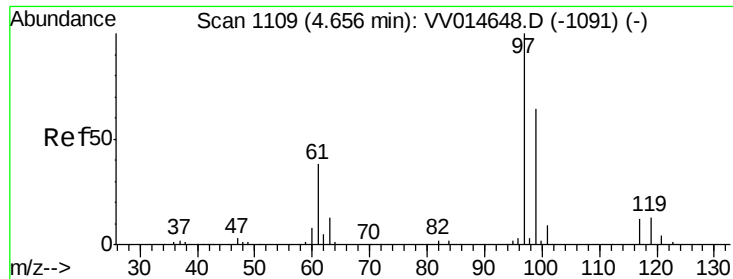
Tot Ion: 96 Resp: 51182
 Ion Ratio Lower Upper
 96 100
 61 116.1 82.4 153.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.360 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV014665.D
 Acq: 21 Feb 2020 19:59

Tgt Ion: 83 Resp: 6536
 Ion Ratio Lower Upper
 83 100
 85 72.2 46.1 85.7

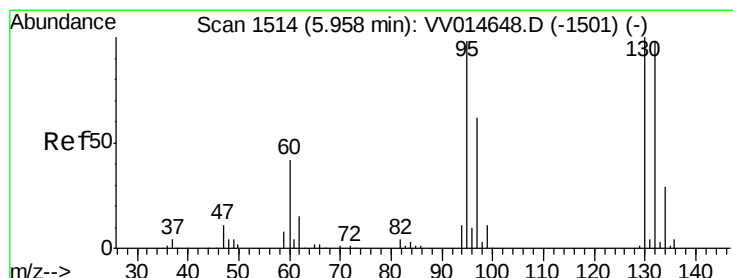
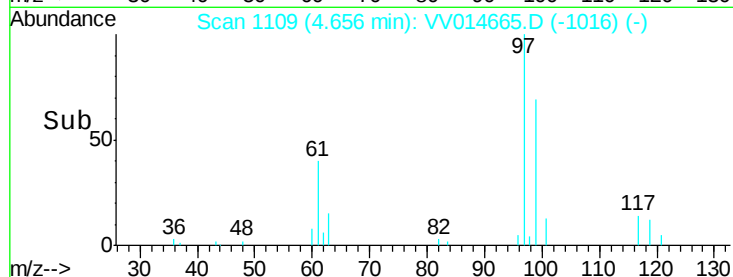
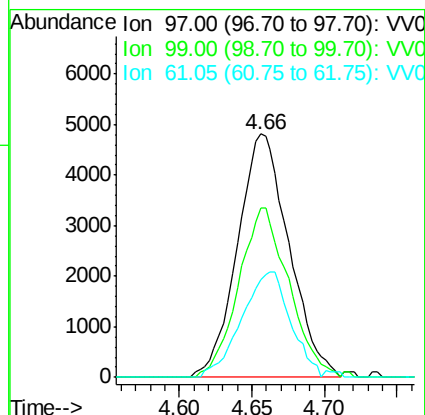
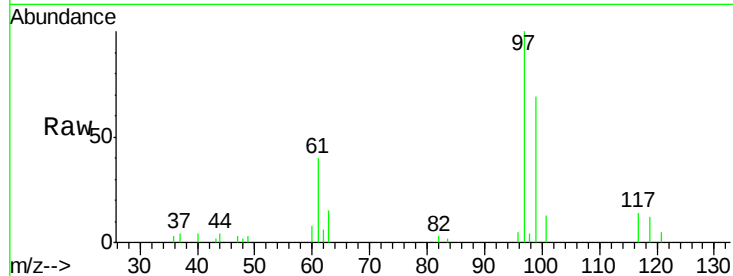




#30
 1,1,1-Trichloroethane
 Concen: 4.866 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: VV014665.D
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 C0AP9

Tot Ion: 97 Resp: 11900
 Ion Ratio Lower Upper
 97 100
 99 67.8 52.0 78.0
 61 41.2 31.4 47.0



#34
 Trichloroethene
 Concen: 187.970 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VV014665.D
 Acq: 21 Feb 2020 19:59

Tgt Ion: 95 Resp: 296748
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.3 82.3
 132 98.6 69.7 129.4
 130 103.1 71.3 132.5

