

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120419\
 Data File : VV013903.D
 Acq On : 04 Dec 2019 14:57
 Operator : SY/MD
 Sample : K4649-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 05 01:41:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 05 01:28:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	272443	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	293056	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	107531	50.00	ug/L	0.00

System Monitoring Compounds

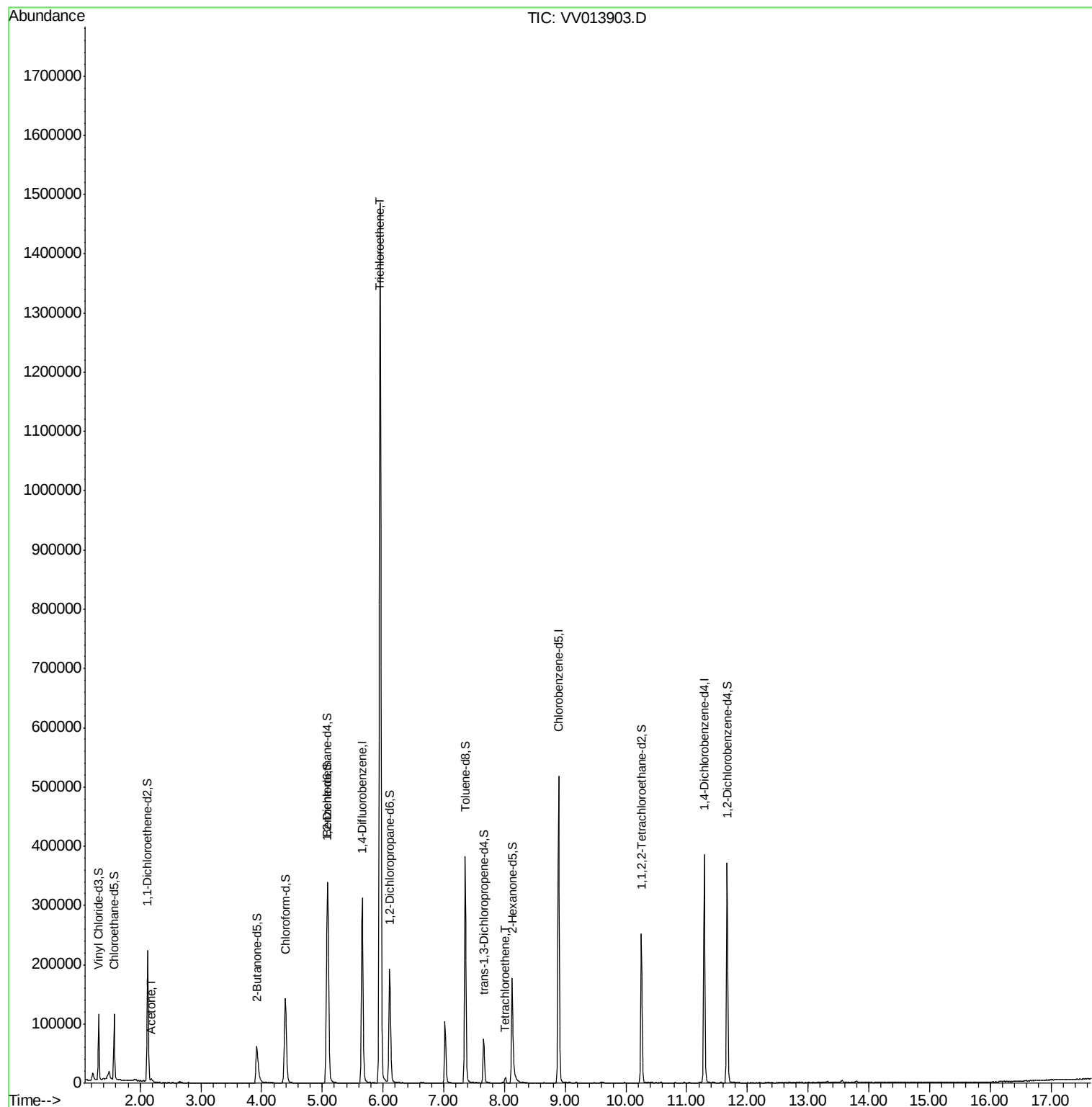
4) Vinyl Chloride-d3	1.32	65	67307	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.38%
7) Chloroethane-d5	1.57	69	71049	67.21	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	134.42%#
11) 1,1-Dichloroethene-d2	2.13	63	110118	42.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.30%
21) 2-Butanone-d5	3.92	46	95189	87.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.72%
24) Chloroform-d	4.39	84	142699	38.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.38%
26) 1,2-Dichloroethane-d4	5.07	65	93229	38.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.68%
32) Benzene-d6	5.09	84	292651	34.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.40%#
36) 1,2-Dichloropropane-d6	6.11	67	92198	37.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.48%
41) Toluene-d8	7.35	98	253666	31.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.40%#
43) trans-1,3-Dichloropropene-	7.66	79	41030	29.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.08%#
47) 2-Hexanone-d5	8.13	63	57687	56.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	56.86%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	118412	34.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	68.78%
66) 1,2-Dichlorobenzene-d4	11.67	152	105353	41.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.32%

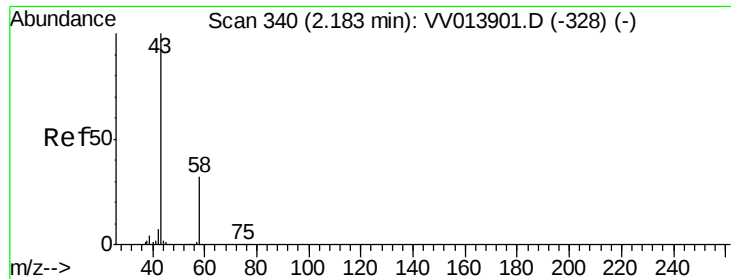
Target Compounds					Ovalue
13) Acetone	2.18	43	3114	4.209 ug/L	96
34) Trichloroethene	5.95	95	495076	264.037 ug/L	98
46) Tetrachloroethene	8.02	164	2286	1.309 ug/L	90

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

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#13

Acetone

Concen: 4.209 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013903.D

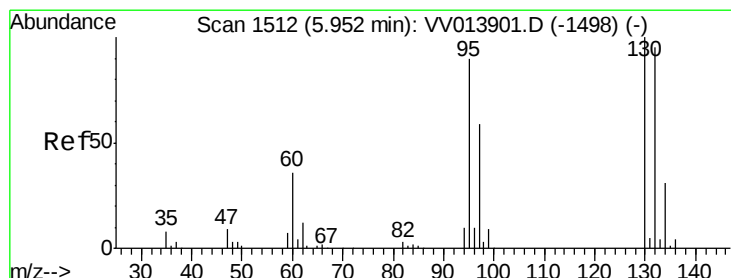
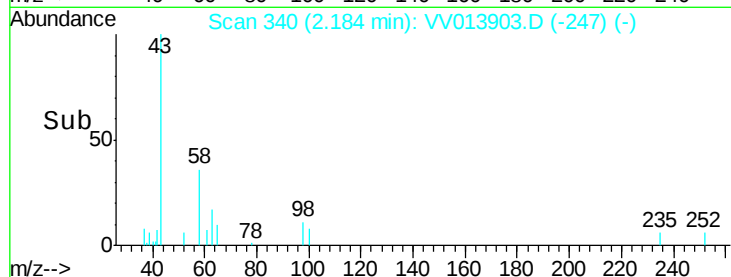
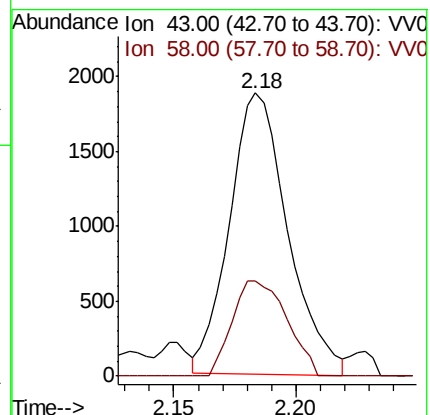
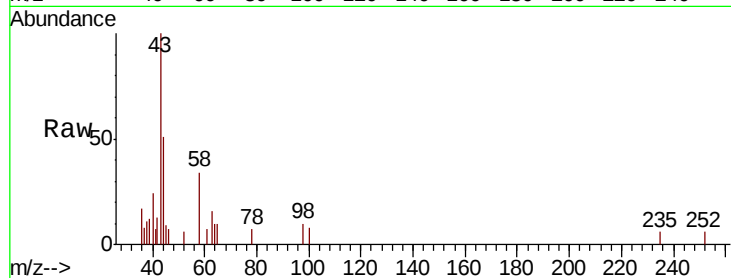
Acq: 04 Dec 2019 14:57

Tot Ion: 43 Resp: 3114

Ion Ratio Lower Upper

43 100

58 31.8 0.0 59.2



#34

Trichloroethene

Concen: 264.037 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. 0.00 min

Lab File: VV013903.D

Acq: 04 Dec 2019 14:57

Tgt Ion: 95 Resp: 495076

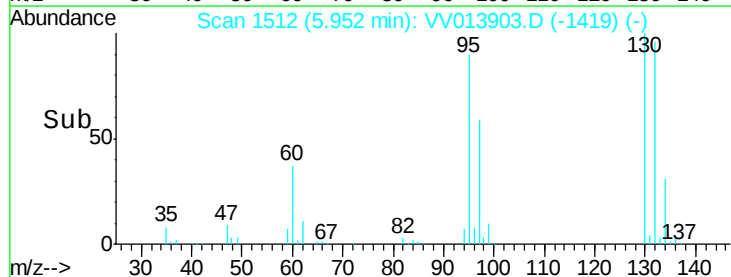
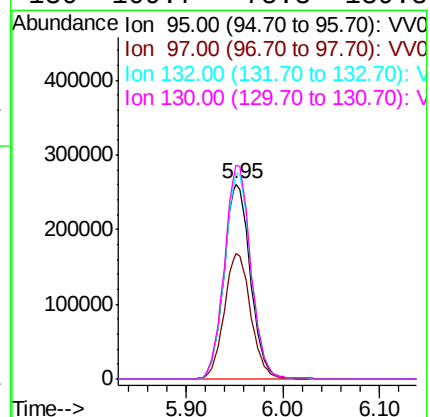
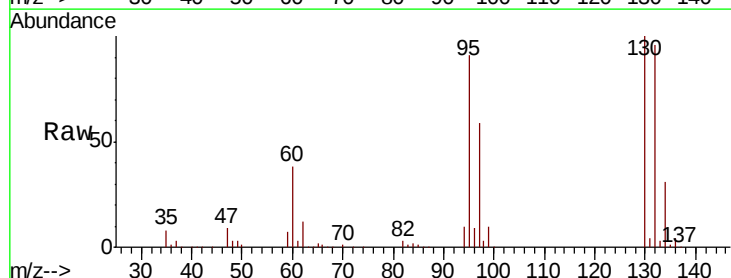
Ion Ratio Lower Upper

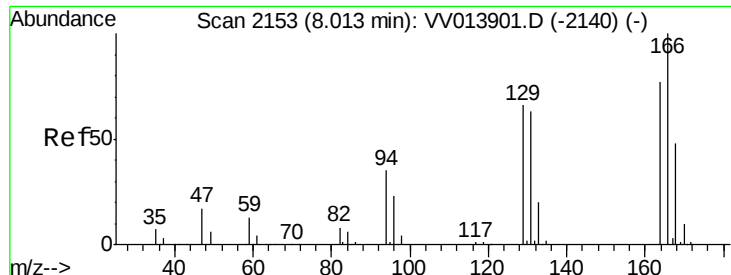
95 100

97 64.3 43.4 80.6

132 105.7 73.1 135.8

130 109.7 75.3 139.8





#46

Tetrachloroethene

Concen: 1.309 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.01 min

Lab File: VV013903.D

Acq: 04 Dec 2019 14:57

Tot Ion:164 Resp: 2286

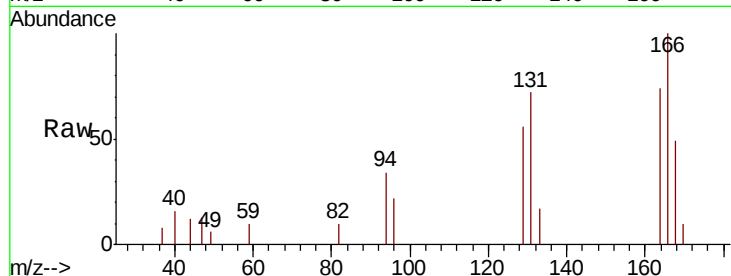
Ion Ratio Lower Upper

164 100

129 75.5 64.3 119.5

131 97.4 60.1 111.7

166 134.8 91.8 170.6



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

