

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019605.D
 Acq On : 14 Dec 2020 15:28
 Operator : SY/MD
 Sample : L4928-04DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M1DL

Quant Time: Dec 15 07:23:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	651898	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	605975	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	280940	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	219089	46.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.74%
7) Chloroethane-d5	1.57	69	187836	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.90%
11) 1,1-Dichloroethene-d2	2.11	63	324409	37.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.78%
21) 2-Butanone-d5	3.90	46	285648	112.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.42%
24) Chloroform-d	4.35	84	420531	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
26) 1,2-Dichloroethane-d4	5.04	65	293909	53.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.76%
32) Benzene-d6	5.05	84	841145	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
36) 1,2-Dichloropropane-d6	6.07	67	267559	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.70%
41) Toluene-d8	7.32	98	743602	51.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.62	79	135532	47.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.14%
47) 2-Hexanone-d5	8.09	63	210908	106.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.15%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	355466	51.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.82%
64) 1,2-Dichlorobenzene-d4	11.63	152	271997	51.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.58%

Target Compounds

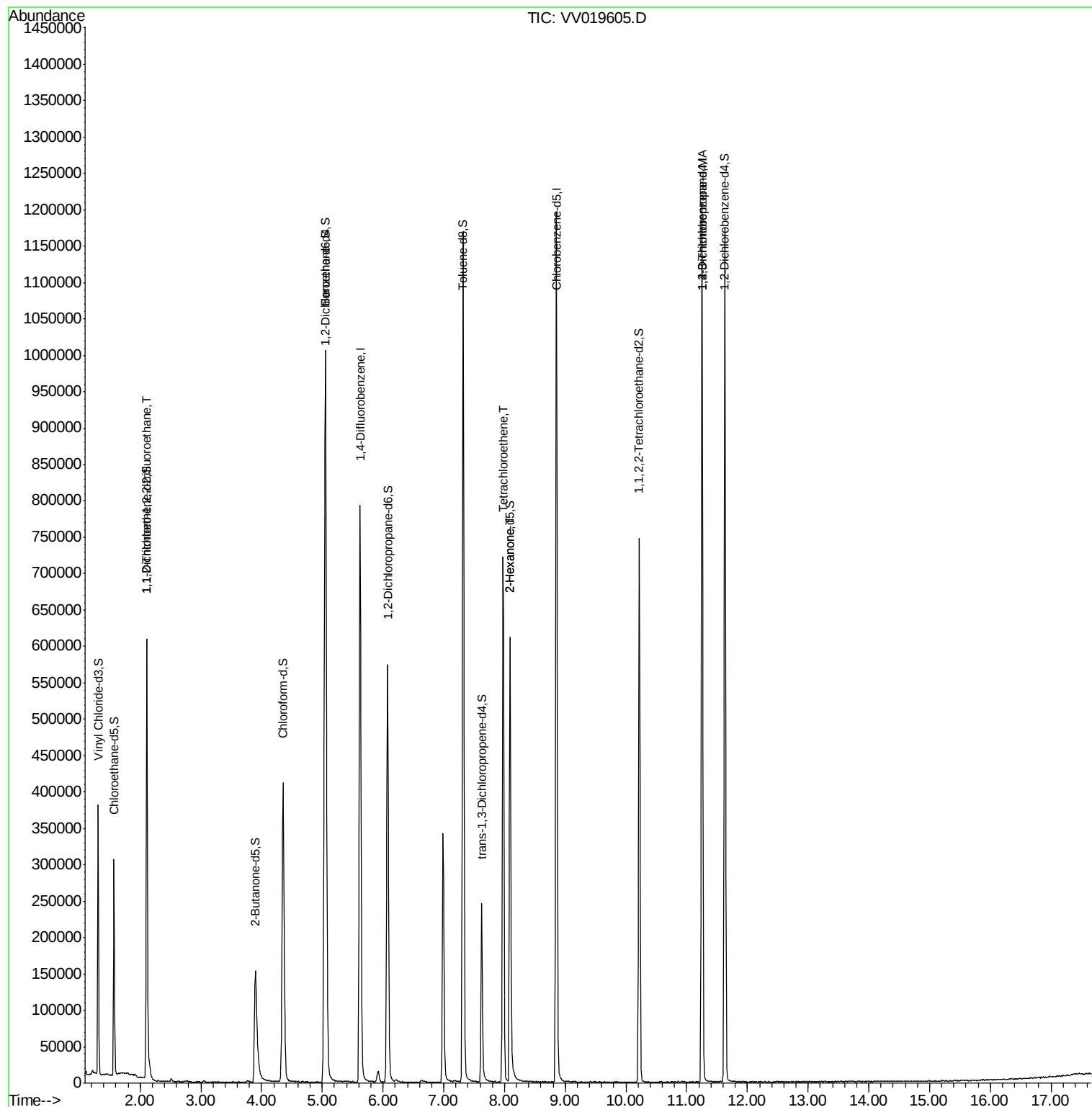
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3163	0.836 ug/L #	22
46) Tetrachloroethene	7.98	164	147022	45.417 ug/L	99
48) 2-Hexanone	8.09	43	26559	5.246 ug/L #	68
59) 1,2,3-Trichloropropane	11.25	75	38269	6.652 ug/L	89

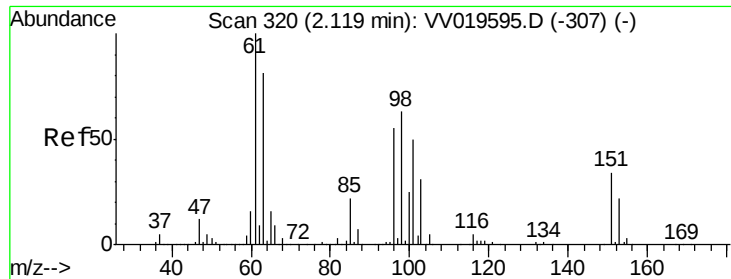
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.836 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019605.D

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BG4M1DL

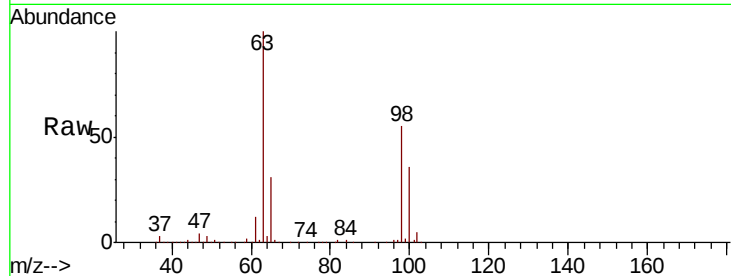
Tot Ion:101 Resp: 3163

Ion Ratio Lower Upper

101 100

85 1.3 35.0 52.4#

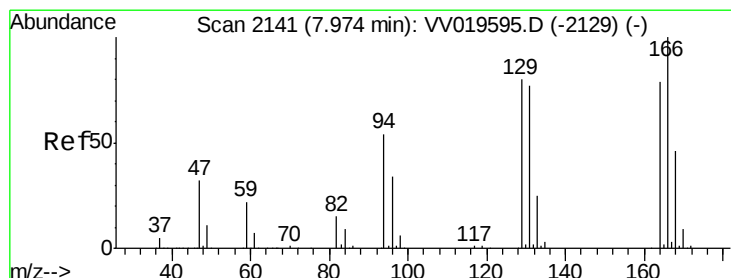
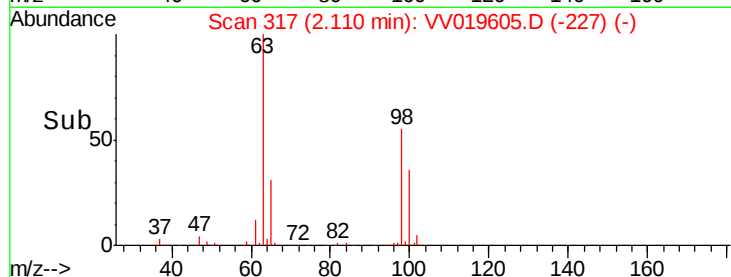
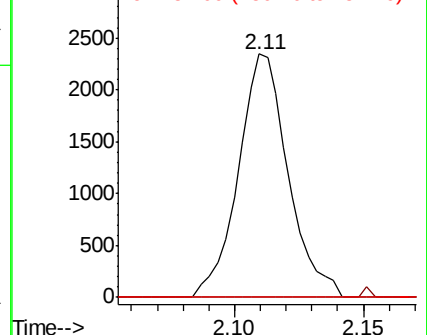
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#46

Tetrachloroethene

Concen: 45.417 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019605.D

Acq: 14 Dec 2020 15:28

Tgt Ion:164 Resp: 147022

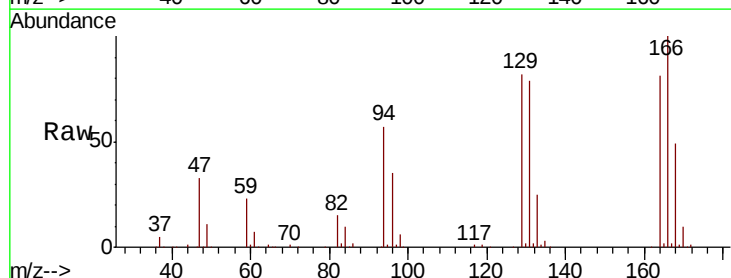
Ion Ratio Lower Upper

164 100

129 101.2 70.6 131.0

131 98.0 68.0 126.4

166 123.5 86.9 161.5

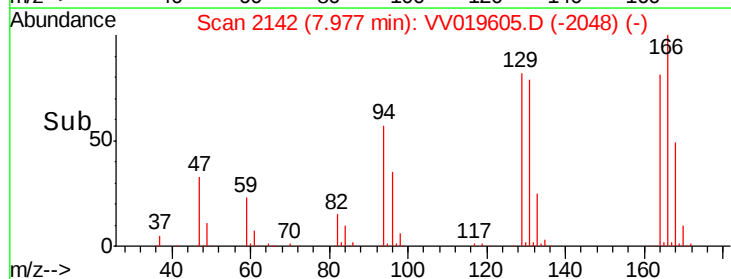
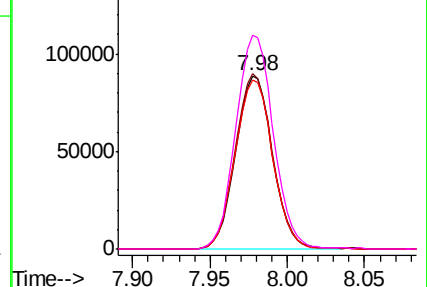


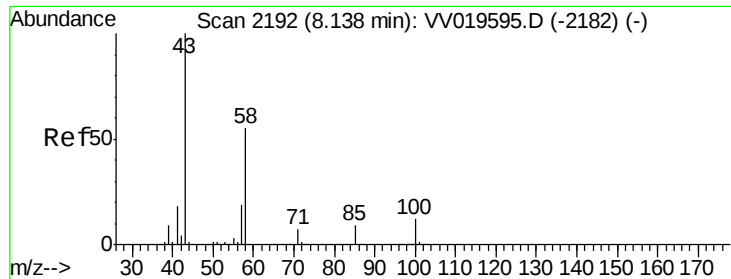
Abundance Ion 164.00 (163.70 to 164.70): V

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

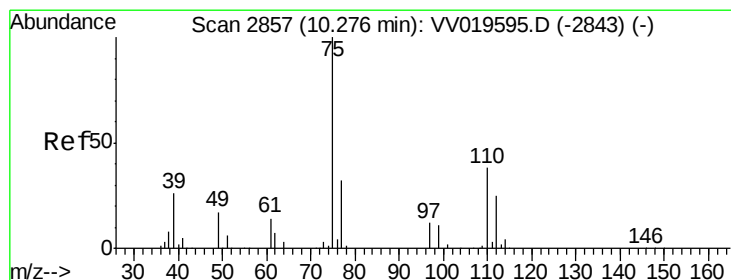
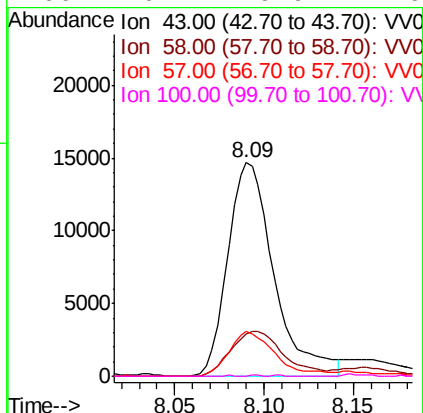
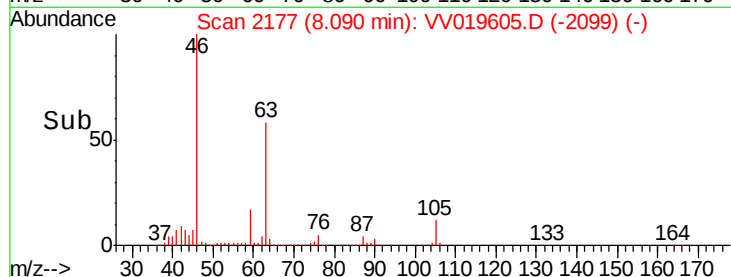
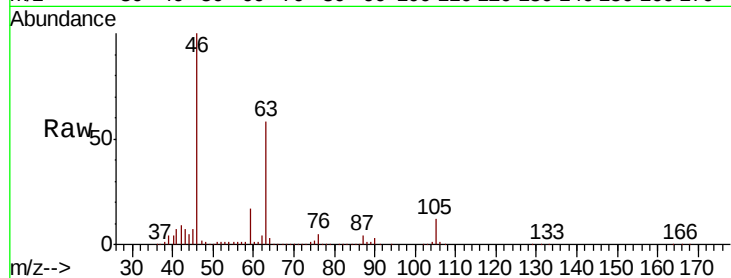




#48
 2-Hexanone
 Concen: 5.246 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
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Tot Ion: 43 Resp: 26559
 Ion Ratio Lower Upper
 43 100
 58 24.0 44.4 66.6#
 57 19.9 15.7 23.5
 100 0.2 9.9 14.9#



#59
 1,2,3-Trichloropropane
 Concen: 6.652 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019605.D
 Acq: 14 Dec 2020 15:28

Tgt Ion: 75 Resp: 38269
 Ion Ratio Lower Upper
 75 100
 77 38.5 25.8 38.8

