

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017761.D
 Acq On : 30 Jul 2020 21:25
 Operator : SY/MD
 Sample : L3486-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y30

Quant Time: Jul 31 02:40:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	307405	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	295872	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142467	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68041	45.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.78%
7) Chloroethane-d5	1.58	69	61006	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.32%
11) 1,1-Dichloroethene-d2	2.12	63	123040	34.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.32%
21) 2-Butanone-d5	3.91	46	118407	105.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.05%
24) Chloroform-d	4.38	84	195495	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	5.05	65	149456	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
32) Benzene-d6	5.07	84	346212	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
36) 1,2-Dichloropropane-d6	6.09	67	99994	51.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.44%
41) Toluene-d8	7.34	98	330122	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.64	79	55808	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.36%
47) 2-Hexanone-d5	8.11	63	79652	95.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133175	45.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	145251	51.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.88%

Target Compounds

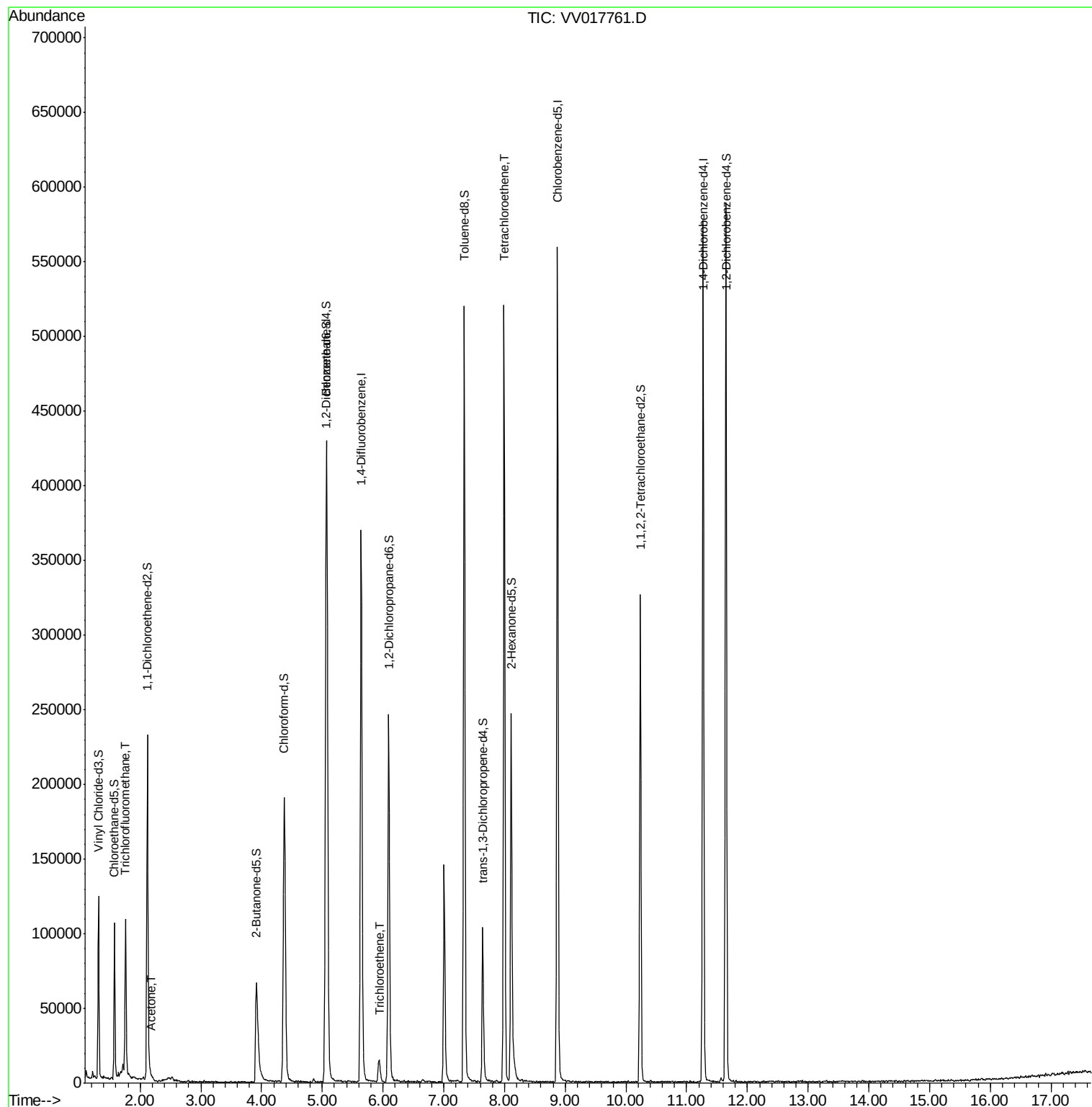
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.76	101	58729	13.711	ug/L	98
13) Acetone	2.20	43	2566	1.792	ug/L	88
34) Trichloroethene	5.95	95	2739	1.201	ug/L	90
46) Tetrachloroethene	8.00	164	111535	55.196	ug/L	95

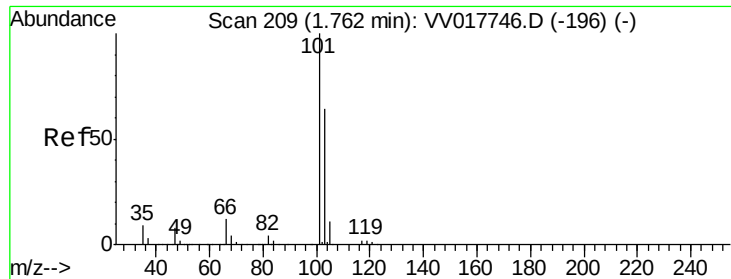
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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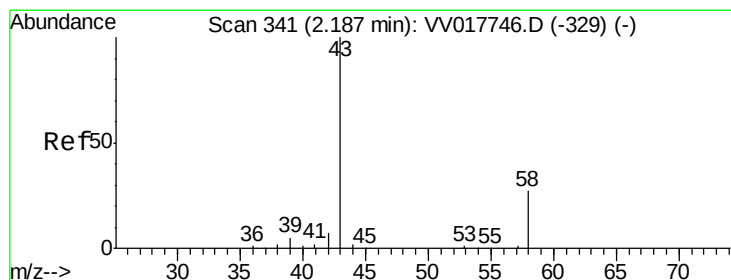
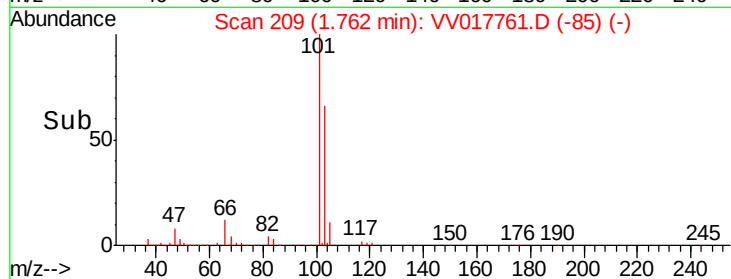
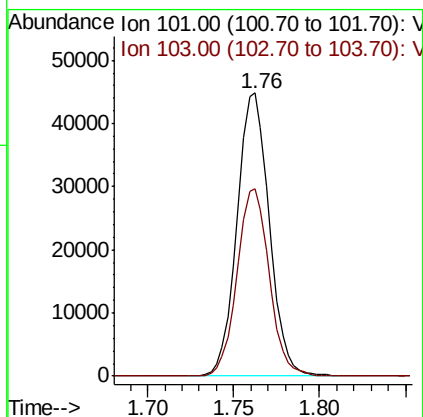
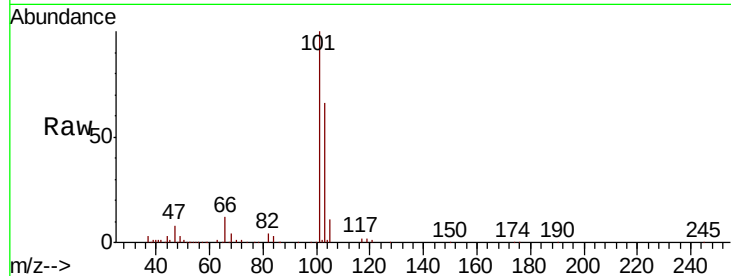


#9

Trichlorofluoromethane
 Concen: 13.711 ug/L
 RT: 1.76 min Scan# 209
 Delta R.T. 0.00 min
 Lab File: VV017761.D
 Acq: 30 Jul 2020 21:25

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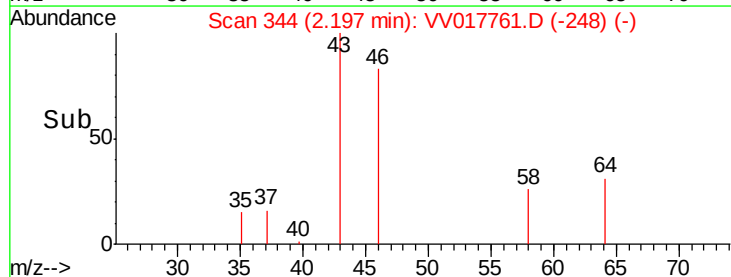
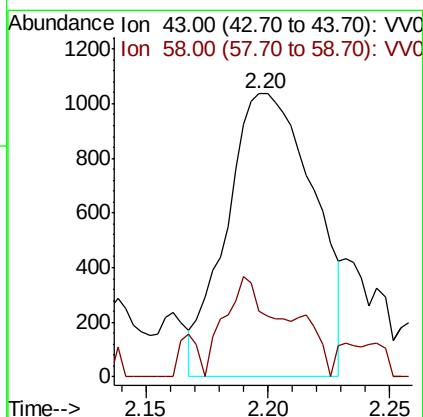
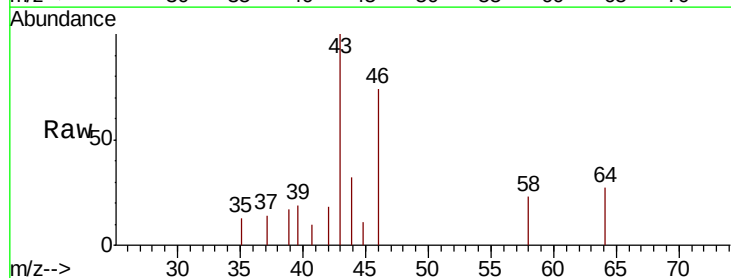
Tot Ion:101 Resp: 58729
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.6 77.4

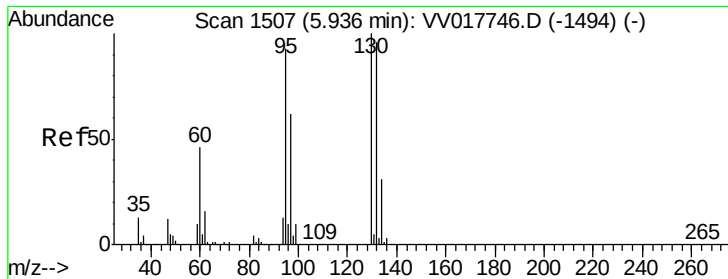


#13

Acetone
 Concen: 1.792 ug/L
 RT: 2.20 min Scan# 344
 Delta R.T. 0.01 min
 Lab File: VV017761.D
 Acq: 30 Jul 2020 21:25

Tgt Ion: 43 Resp: 2566
 Ion Ratio Lower Upper
 43 100
 58 20.0 0.0 52.6





#34

Trichloroethene

Concen: 1.201 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017761.D

Acq: 30 Jul 2020 21:25

Instrument :

MSVOA_V

ClientSampleId :

C0Y30

Tot Ion: 95 Resp: 2739

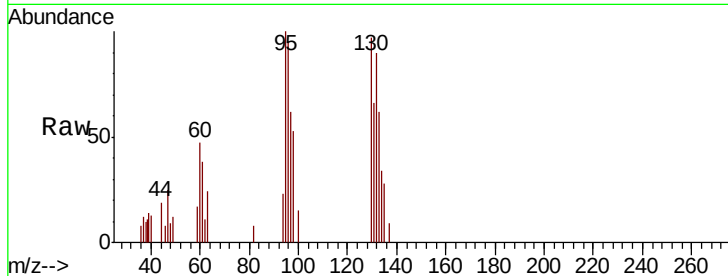
Ion Ratio Lower Upper

95 100

97 61.9 45.3 84.1

132 89.5 71.4 132.6

130 96.6 75.3 139.9



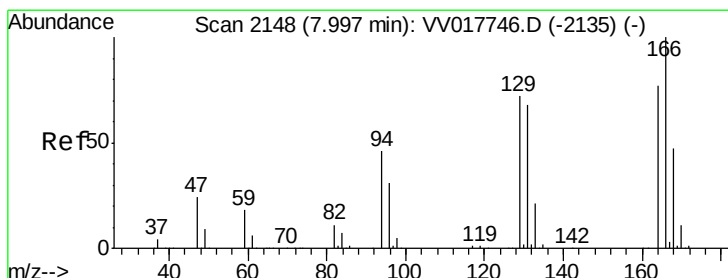
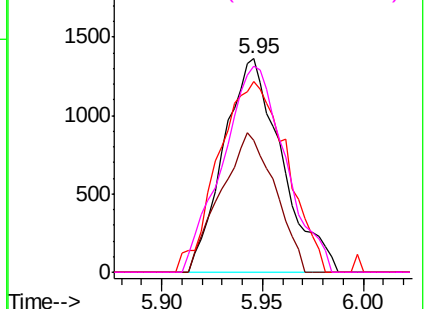
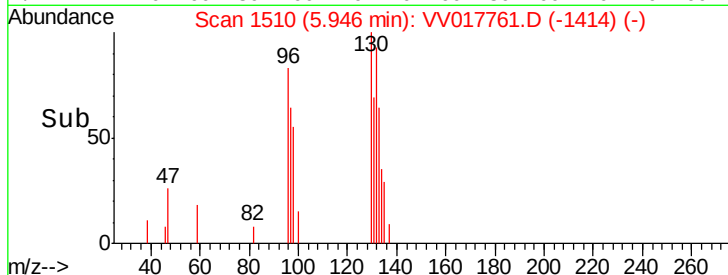
Abundance

Ion 95.00 (94.70 to 95.70): VV017746.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017746.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017746.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017746.D (-1494) (-)



#46

Tetrachloroethene

Concen: 55.196 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017761.D

Acq: 30 Jul 2020 21:25

Tgt Ion: 164 Resp: 111535

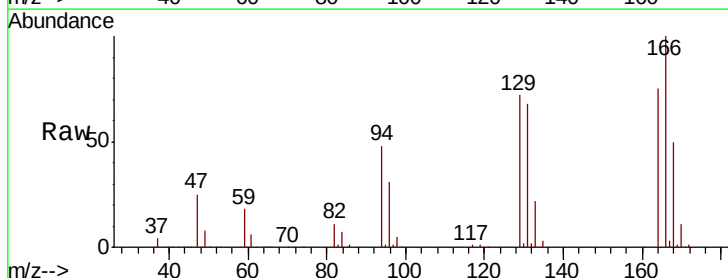
Ion Ratio Lower Upper

164 100

129 96.3 63.9 118.7

131 90.9 62.6 116.3

166 133.3 88.3 164.1



Abundance

Ion 164.00 (163.70 to 164.70): VV017746.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV017746.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV017746.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV017746.D (-2135) (-)

