

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017894.D
 Acq On : 10 Aug 2020 13:34
 Operator : SY/MD
 Sample : L3579-13ME
 Misc : 6.90µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFS7ME

Quant Time: Aug 11 01:20:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	278210	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267425	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	133154	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	61615	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.76%
7) Chloroethane-d5	1.57	69	49908	40.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.78%
11) 1,1-Dichloroethene-d2	2.09	63	113907	33.00	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.00%
21) 2-Butanone-d5	3.92	46	76721	85.28	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.28%
24) Chloroform-d	4.37	84	168389	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.05	65	129430	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
32) Benzene-d6	5.07	84	288318	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
36) 1,2-Dichloropropane-d6	6.09	67	75219	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.08%
41) Toluene-d8	7.34	98	280193	45.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.28%
43) trans-1,3-Dichloropropene-	7.64	79	52103	51.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.36%
47) 2-Hexanone-d5	8.14	63	50393	88.86	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	104113	42.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	126021	46.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.86%

Target Compounds

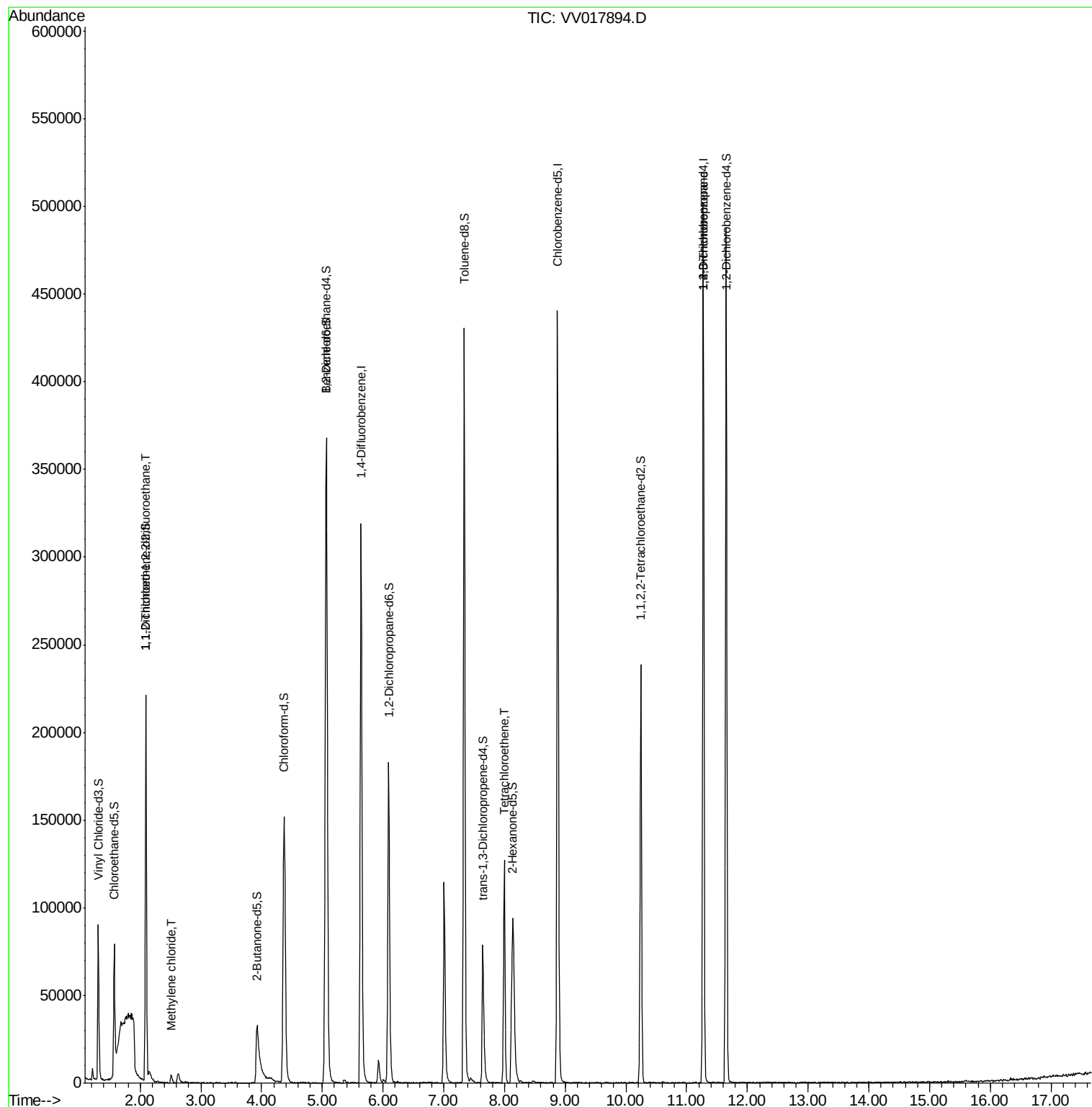
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	1168	0.657	ug/L #	14
16) Methylene chloride	2.51	84	2272	1.318	ug/L	78
46) Tetrachloroethene	8.00	164	29242	16.238	ug/L	95
59) 1,2,3-Trichloropropane	11.27	75	11810	5.545	ug/L #	80

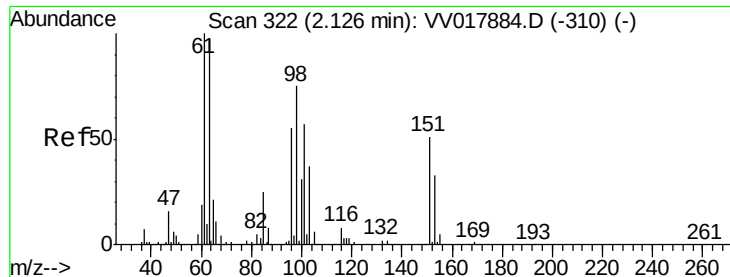
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.657 ug/L

RT: 2.09 min Scan# 311

Delta R.T. -0.04 min

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Instrument :

MSVOA_V

ClientSampleId :

BFS7ME

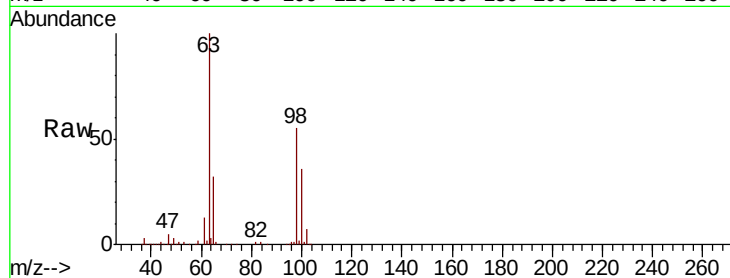
Tot Ion:101 Resp: 1168

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

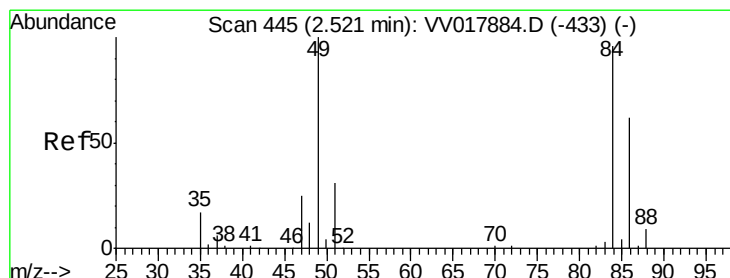
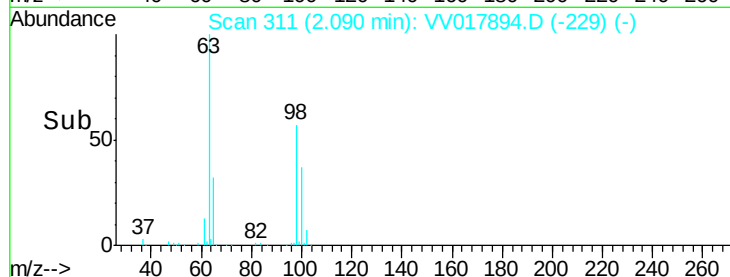
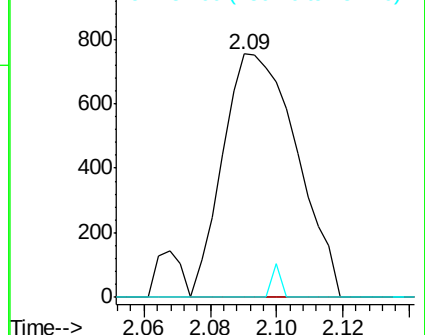
151 0.0 71.0 106.6#



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



#16

Methylene chloride

Concen: 1.318 ug/L

RT: 2.51 min Scan# 443

Delta R.T. -0.01 min

Lab File: VV017894.D

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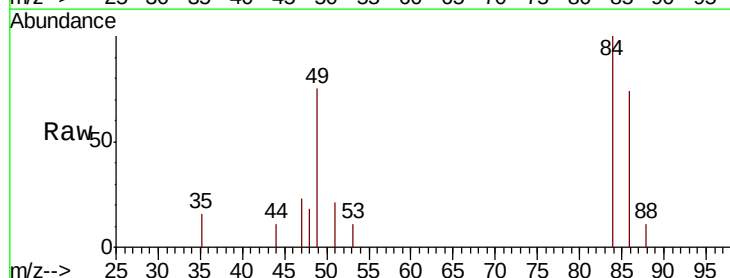
Tgt Ion: 84 Resp: 2272

Ion Ratio Lower Upper

84 100

86 73.7 46.2 85.8

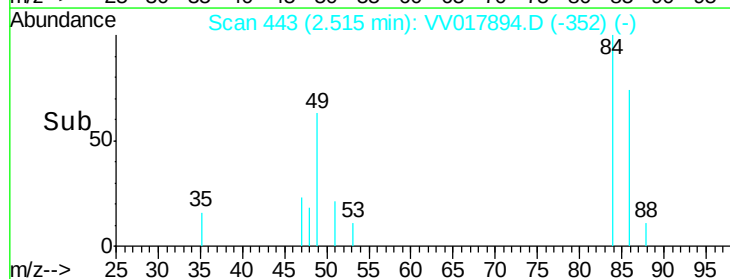
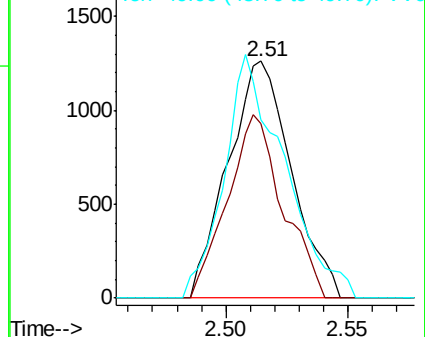
49 75.1 73.6 136.6

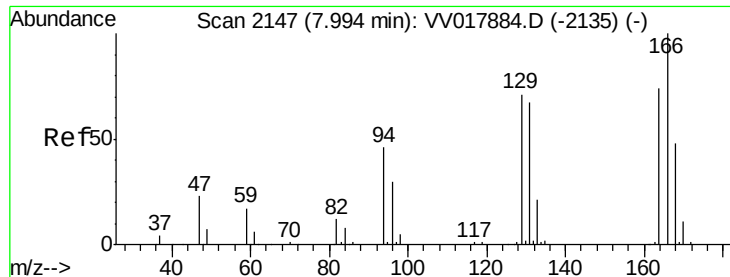


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#46

Tetrachloroethene

Concen: 16.238 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017894.D

Acq: 10 Aug 2020 13:34

Instrument :

MSVOA_V

ClientSampleId :

BFSL7ME

Tot Ion:164 Resp: 29242

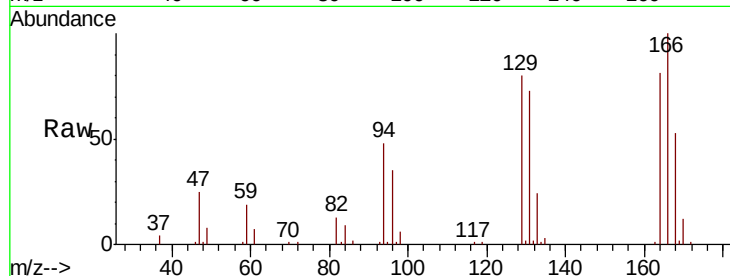
Ion Ratio Lower Upper

164 100

129 98.6 61.6 114.4

131 91.0 59.6 110.8

166 123.9 87.2 161.9

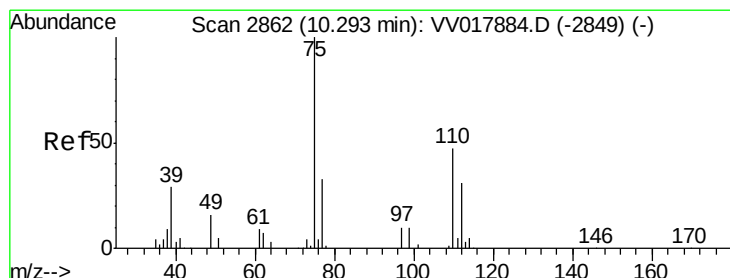
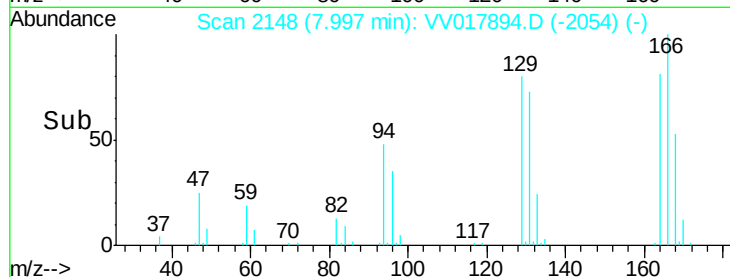
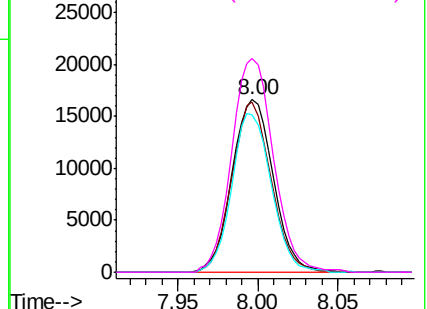


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.545 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV017894.D

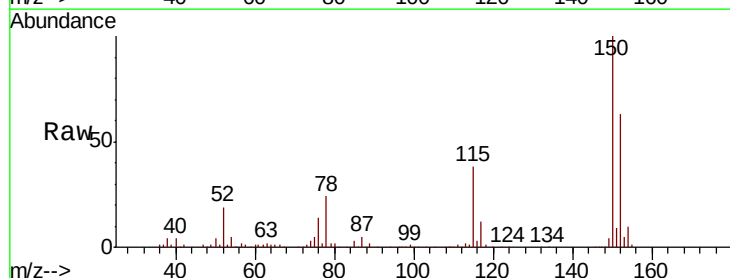
Acq: 10 Aug 2020 13:34

Tgt Ion: 75 Resp: 11810

Ion Ratio Lower Upper

75 100

77 44.1 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

