

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019170.D
 Acq On : 30 Oct 2020 01:33
 Operator : SY/MD
 Sample : L4502-20ME 4X
 Misc : 6.07g/5.0ml/100uL/5.0ml/MSVOA-V/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG443ME

Quant Time: Oct 30 05:47:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 05:31:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	239741	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	230609	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121823	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81980	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.06%
7) Chloroethane-d5	1.58	69	67731	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.52%
11) 1,1-Dichloroethene-d2	2.12	63	126222	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	3.91	46	110652	94.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.83%
24) Chloroform-d	4.37	84	161005	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.86%
26) 1,2-Dichloroethane-d4	5.05	65	117712	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
32) Benzene-d6	5.07	84	312411	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
36) 1,2-Dichloropropane-d6	6.09	67	94095	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.48%
41) Toluene-d8	7.34	98	291797	46.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.86%
43) trans-1,3-Dichloropropene-	7.64	79	50072	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.72%
47) 2-Hexanone-d5	8.11	63	82284	97.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	123454	46.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	127834	49.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.88%

Target Compounds

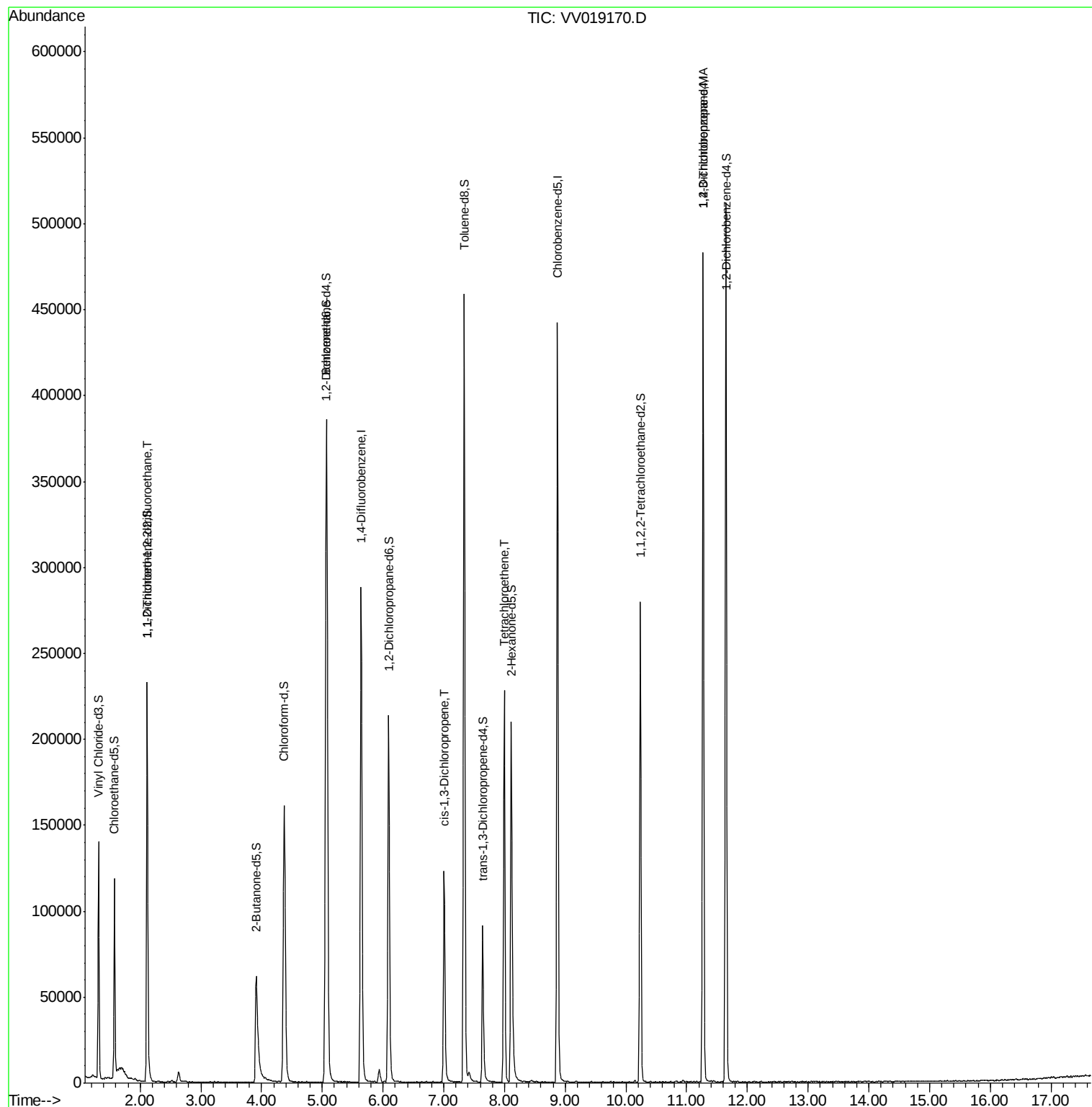
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1205	0.768 ug/L #	17
39) cis-1,3-Dichloropropene	7.01	75	3566	1.307 ug/L #	73
46) Tetrachloroethene	8.00	164	50810	32.668 ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	12314	5.705 ug/L #	84

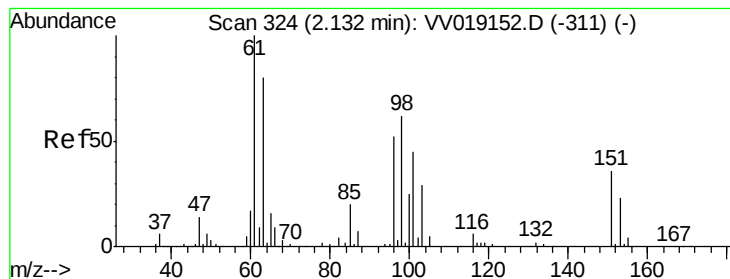
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.768 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV019170.D

Acq: 30 Oct 2020 01:33

Instrument :

MSVOA_V

ClientSampleId :

BG443ME

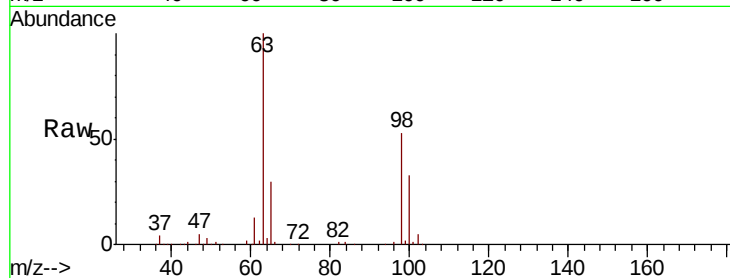
Tot Ion:101 Resp: 1205

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

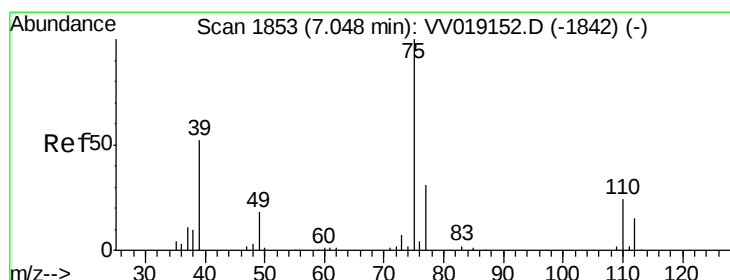
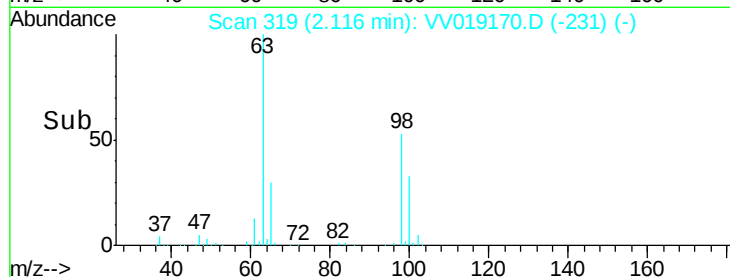
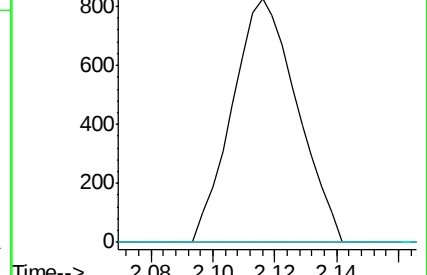
151 0.0 65.0 97.4#



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



#39

cis-1,3-Dichloropropene

Concen: 1.307 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019170.D

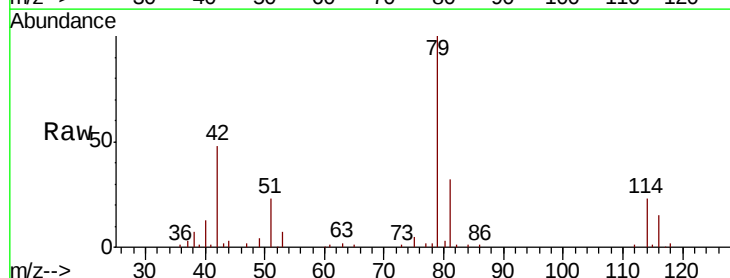
Acq: 30 Oct 2020 01:33

Tgt Ion: 75 Resp: 3566

Ion Ratio Lower Upper

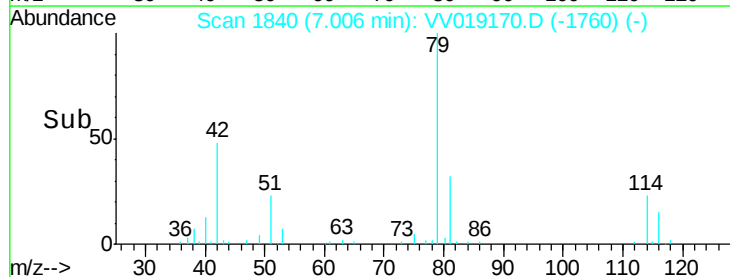
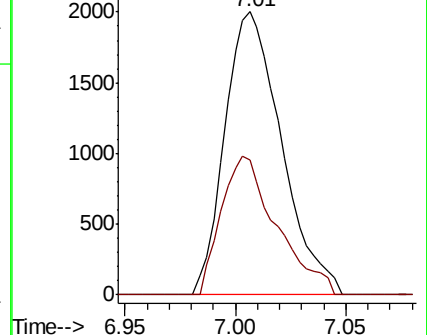
75 100

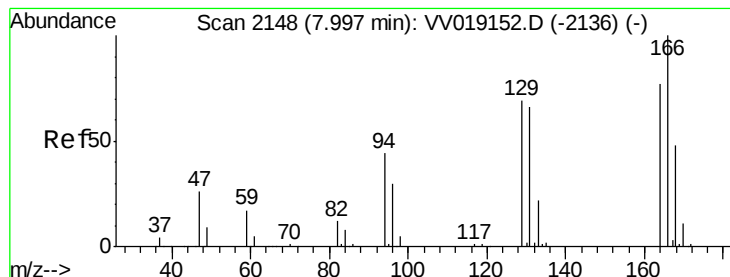
77 47.6 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 32.668 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV019170.D

Acq: 30 Oct 2020 01:33

Instrument :

MSVOA_V

ClientSampleId :

BG443ME

Tot Ion:164 Resp: 50810

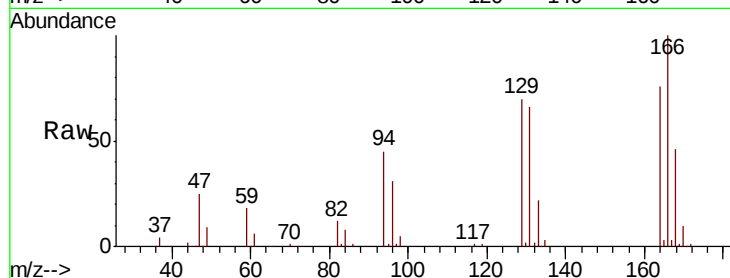
Ion Ratio Lower Upper

164 100

129 91.5 63.2 117.4

131 86.8 60.3 112.1

166 131.0 88.3 163.9

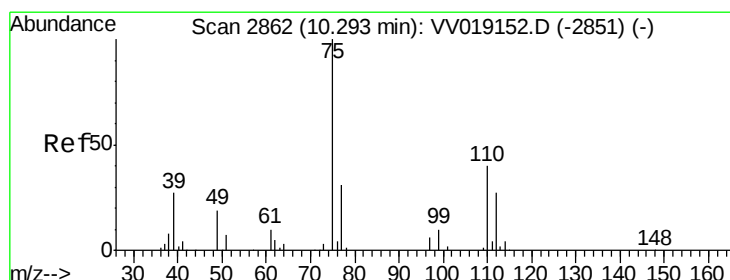
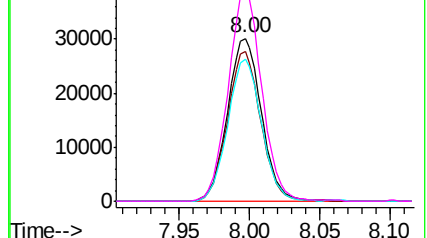
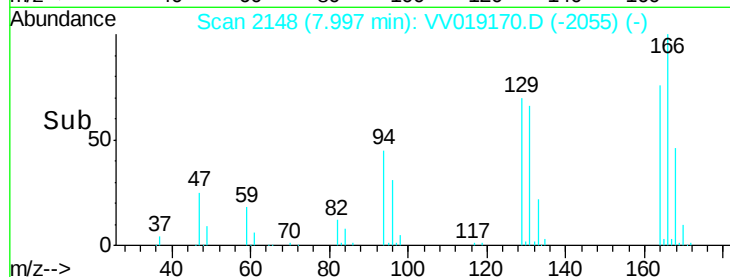


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.705 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019170.D

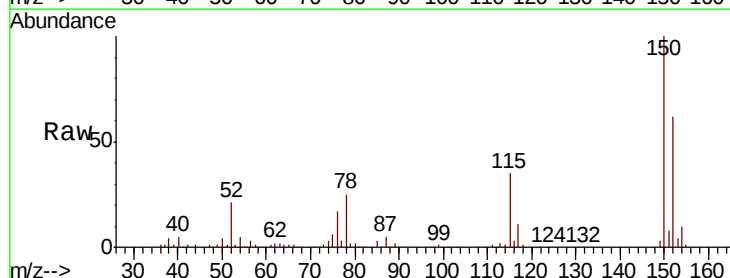
Acq: 30 Oct 2020 01:33

Tgt Ion: 75 Resp: 12314

Ion Ratio Lower Upper

75 100

77 41.7 26.2 39.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

