

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110220\
 Data File : VV019199.D
 Acq On : 02 Nov 2020 12:58
 Operator : SY/MD
 Sample : L4502-20ME 2X
 Misc : 6.07g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG443ME

Quant Time: Nov 03 03:26:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 03:19:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	263544	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	256016	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139365	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62006	29.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.22%#
7) Chloroethane-d5	1.58	69	51440	31.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.24%#
11) 1,1-Dichloroethene-d2	2.11	63	99063	24.86	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.72%#
21) 2-Butanone-d5	3.91	46	76388	59.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	59.55%
24) Chloroform-d	4.37	84	131420	33.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.46%#
26) 1,2-Dichloroethane-d4	5.05	65	96864	35.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.36%
32) Benzene-d6	5.07	84	257065	35.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.80%
36) 1,2-Dichloropropane-d6	6.09	67	77701	35.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	71.76%
41) Toluene-d8	7.33	98	243398	34.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.78%#
43) trans-1,3-Dichloropropene-	7.64	79	42999	34.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.64%
47) 2-Hexanone-d5	8.12	63	62660	66.82	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	100170	34.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	68.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	108108	36.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.84%#

Target Compounds

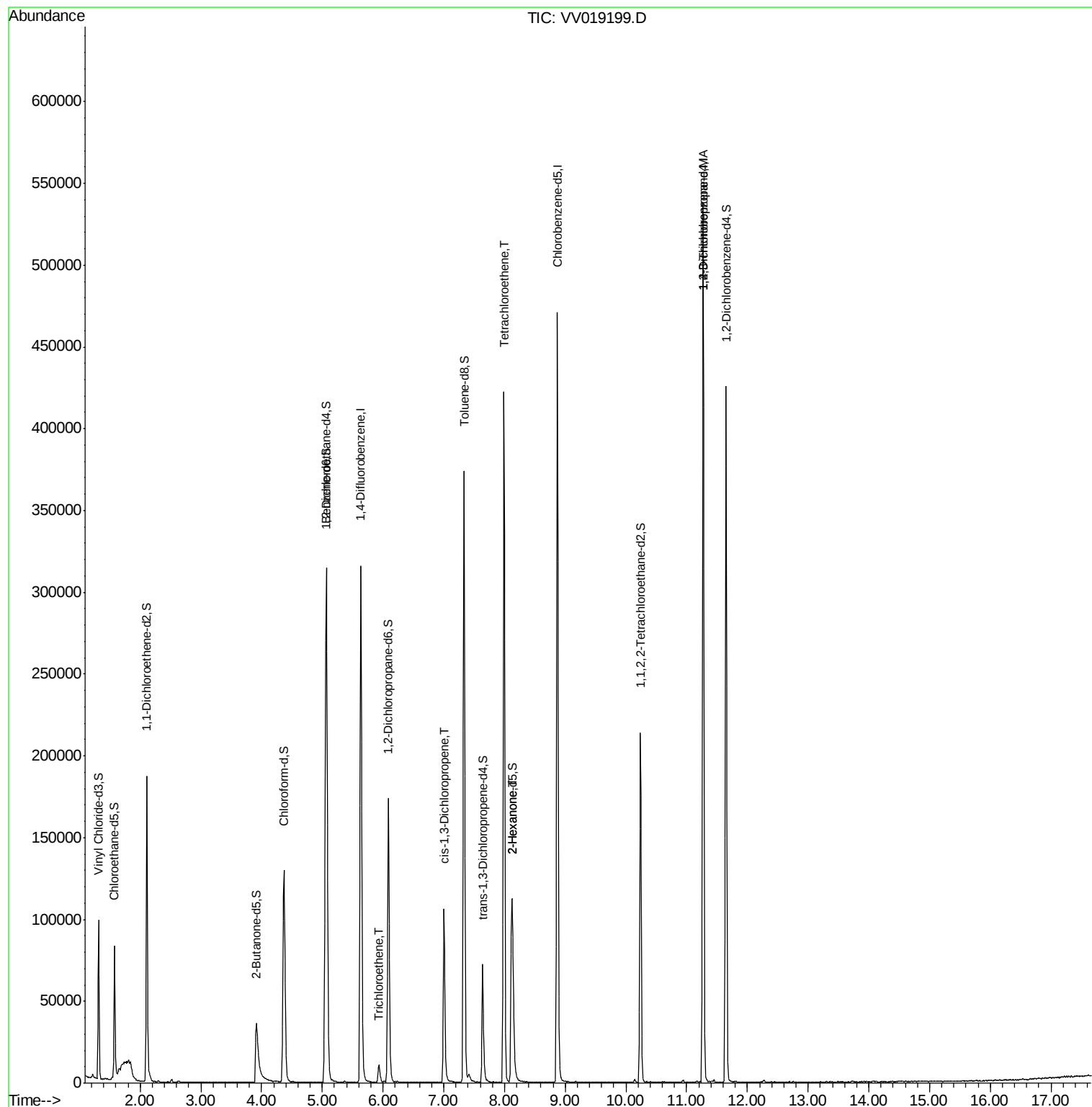
					Ovalue
34) Trichloroethene	5.94	95	2204	1.090 ug/L	91
39) cis-1,3-Dichloropropene	7.00	75	2936	0.970 ug/L	91
46) Tetrachloroethene	7.99	164	94307	54.616 ug/L	99
48) 2-Hexanone	8.13	43	7978	3.969 ug/L #	51
59) 1,2,3-Trichloropropane	11.27	75	15050	6.280 ug/L	89

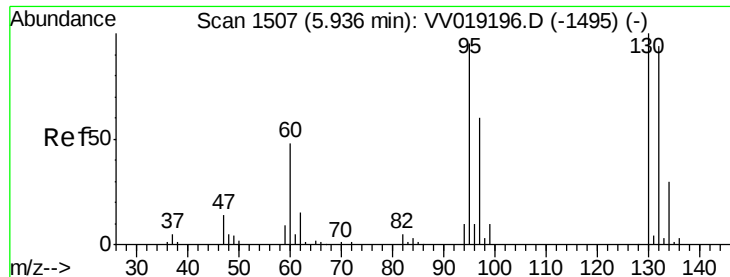
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 1.090 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV019199.D

Acq: 02 Nov 2020 12:58

Instrument :

MSVOA_V

ClientSampleId :

BG443ME

Tot Ion: 95 Resp: 2204

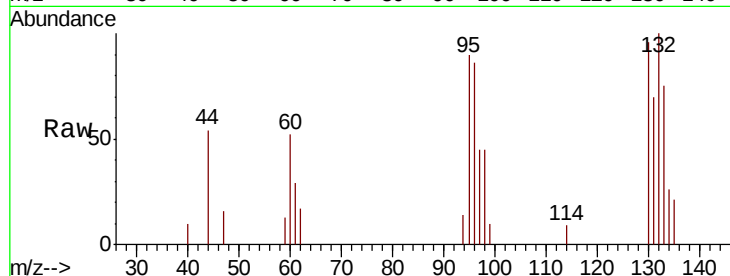
Ion Ratio Lower Upper

95 100

97 49.9 43.4 80.6

132 111.2 69.7 129.4

130 107.2 72.4 134.5

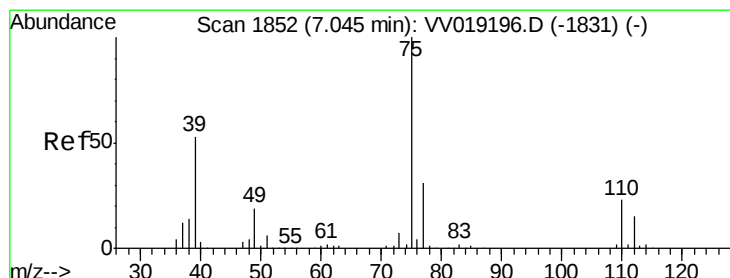
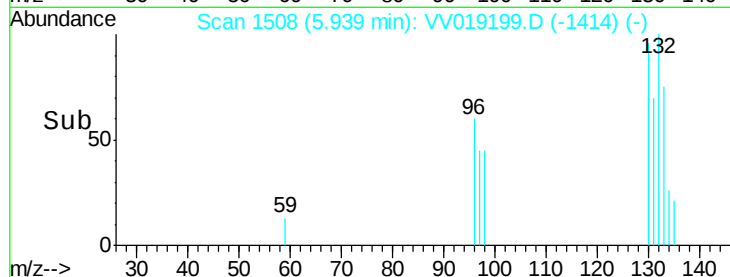
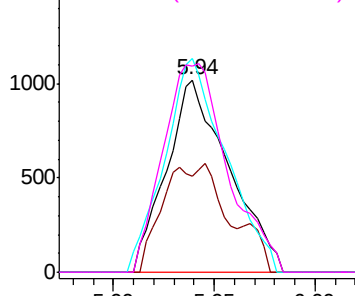


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 0.970 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.04 min

Lab File: VV019199.D

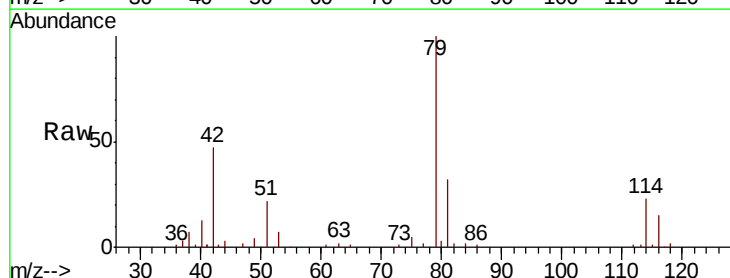
Acq: 02 Nov 2020 12:58

Tgt Ion: 75 Resp: 2936

Ion Ratio Lower Upper

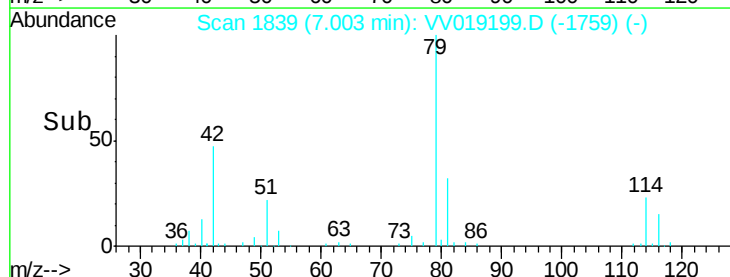
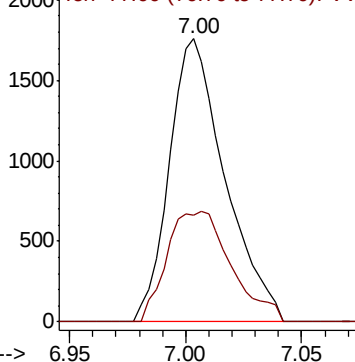
75 100

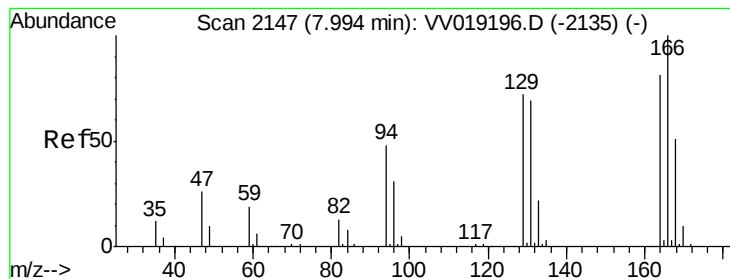
77 37.7 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 54.616 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV019199.D

Acq: 02 Nov 2020 12:58

Instrument :

MSVOA_V

ClientSampled :

BG443ME

Tot Ion:164 Resp: 94307

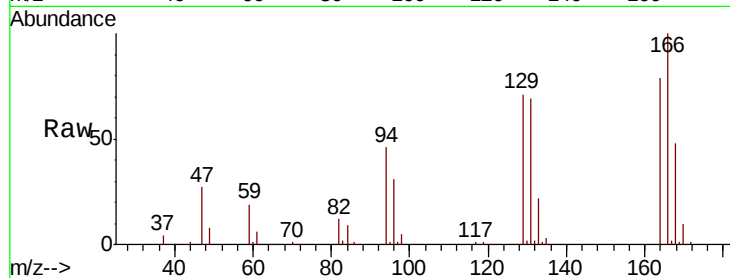
Ion Ratio Lower Upper

164 100

129 89.5 63.2 117.4

131 86.8 60.3 112.1

166 125.8 88.3 163.9

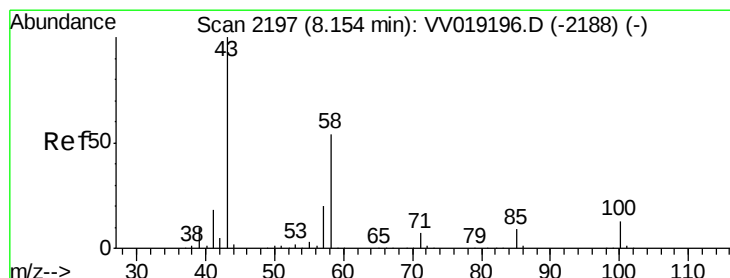
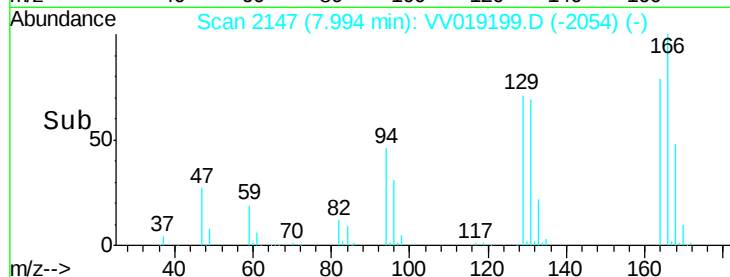
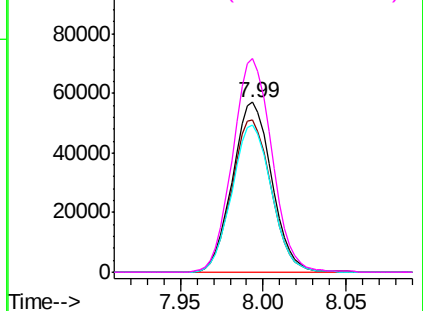


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 3.969 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.03 min

Lab File: VV019199.D

Acq: 02 Nov 2020 12:58

Tgt Ion: 43 Resp: 7978

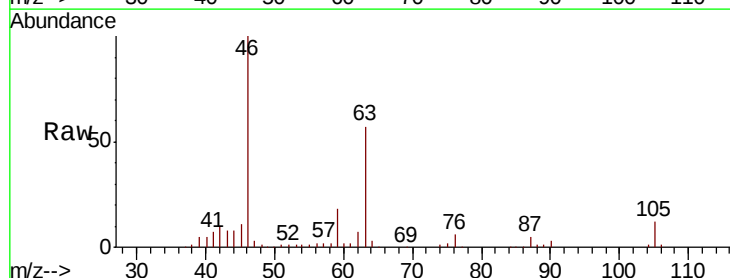
Ion Ratio Lower Upper

43 100

58 6.9 43.6 65.4#

57 14.6 16.0 24.0#

100 0.0 10.3 15.5#

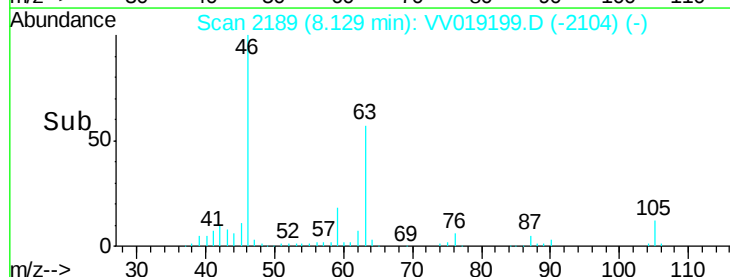
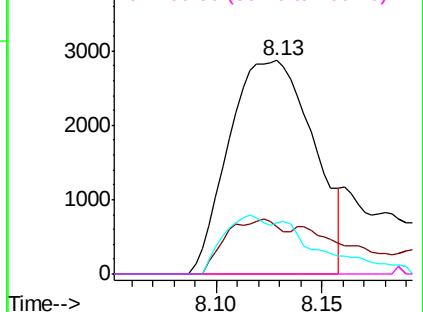


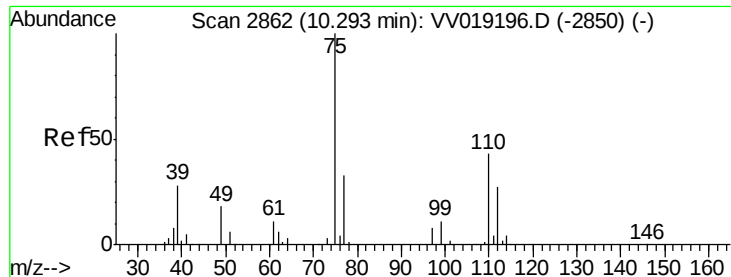
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.280 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019199.D

Acq: 02 Nov 2020 12:58

Instrument :

MSVOA_V

ClientSampleId :

BG443ME

Tot Ion: 75 Resp: 15050

Ion Ratio Lower Upper

75 100

77 39.2 26.2 39.4

