

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019895.D
 Acq On : 05 Jan 2021 14:30
 Operator : SY/MD
 Sample : M1017-01DL 1000X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W2DL

Quant Time: Jan 06 07:11:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 07:08:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	560444	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	529321	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	241076	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	186988	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.22%
7) Chloroethane-d5	1.57	69	170713	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.04%
11) 1,1-Dichloroethene-d2	2.11	63	296403	36.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.32%
21) 2-Butanone-d5	3.89	46	318338	99.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.03%
24) Chloroform-d	4.35	84	387759	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	5.04	65	272940	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.92%
32) Benzene-d6	5.05	84	757038	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
36) 1,2-Dichloropropane-d6	6.07	67	244755	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.66%
41) Toluene-d8	7.32	98	651769	48.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.08%
43) trans-1,3-Dichloropropene-	7.62	79	109551	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.94%
47) 2-Hexanone-d5	8.09	63	181213	87.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.48%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	298690	45.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.64%
64) 1,2-Dichlorobenzene-d4	11.63	152	239241	51.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.76%

Target Compounds

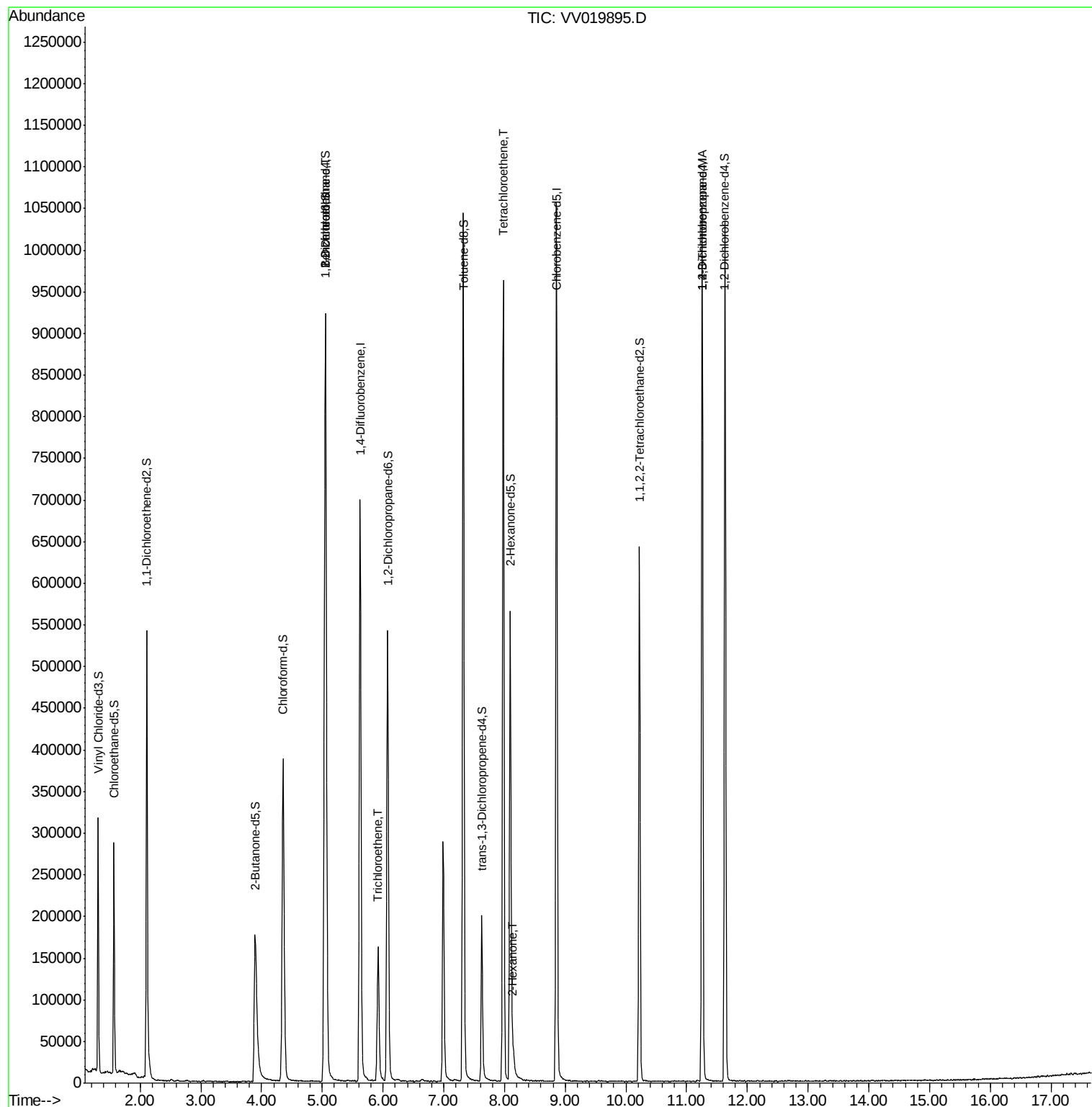
					Ovalue
27) 1,2-Dichloroethane	5.05	62	5244	0.801 ug/L	99
34) Trichloroethene	5.92	95	48135	10.898 ug/L	99
46) Tetrachloroethene	7.98	164	189701	64.314 ug/L	95
48) 2-Hexanone	8.15	43	15333	2.962 ug/L #	71
59) 1,2,3-Trichloropropane	11.25	75	34030	5.987 ug/L	91

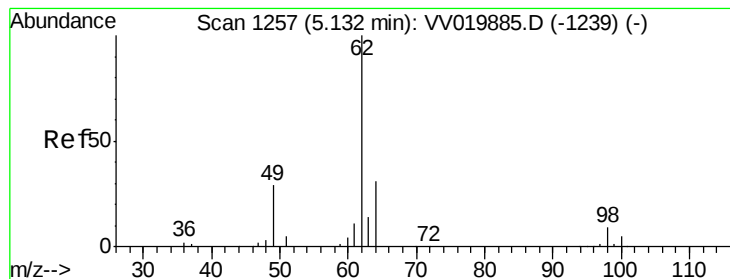
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 06 07:08:24 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.801 ug/L

RT: 5.05 min Scan# 1232

Delta R.T. -0.08 min

Lab File: VV019895.D

Acq: 05 Jan 2021 14:30

Instrument :

MSVOA_V

ClientSampleId :

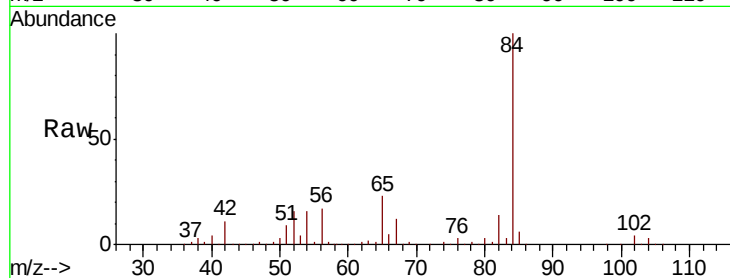
BG4W2DL

Tot Ion: 62 Resp: 5244

Ion Ratio Lower Upper

62 100

98 8.3 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV019885.D (-1239) (-)

Ion 98.00 (97.70 to 98.70): VV019885.D (-1239) (-)

5.05

2500

2000

1500

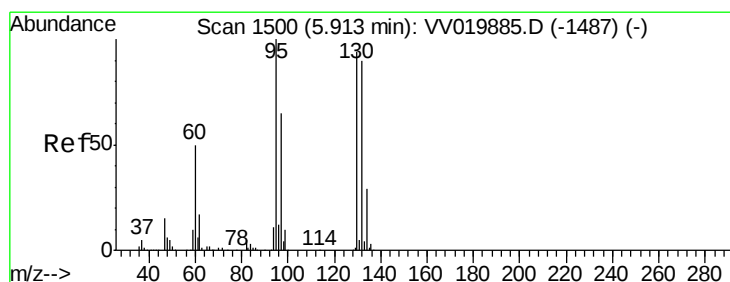
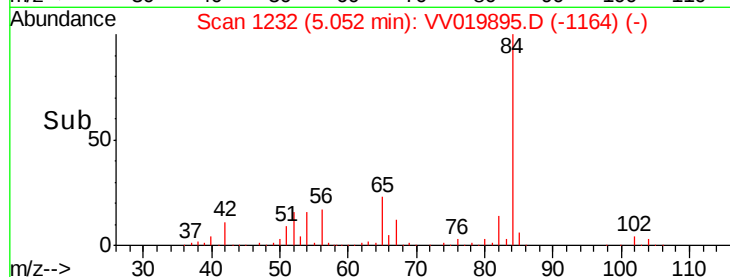
1000

500

0

5.00 5.05 5.10 5.15

Time-->



#34

Trichloroethene

Concen: 10.898 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019895.D

Acq: 05 Jan 2021 14:30

Tgt Ion: 95 Resp: 48135

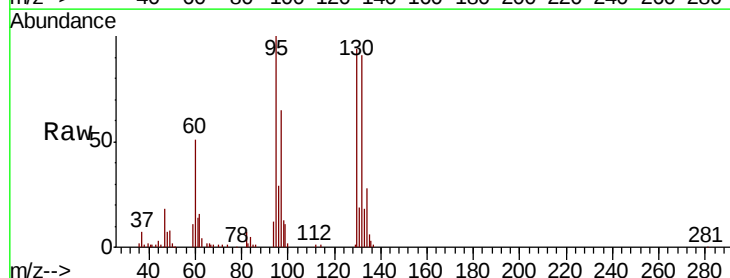
Ion Ratio Lower Upper

95 100

97 64.6 44.5 82.7

132 91.5 63.4 117.8

130 93.9 67.1 124.5



Abundance Ion 95.00 (94.70 to 95.70): VV019885.D (-1487) (-)

Ion 97.00 (96.70 to 97.70): VV019885.D (-1487) (-)

Ion 132.00 (131.70 to 132.70): VV019885.D (-1487) (-)

Ion 130.00 (129.70 to 130.70): VV019885.D (-1487) (-)

5.92

30000

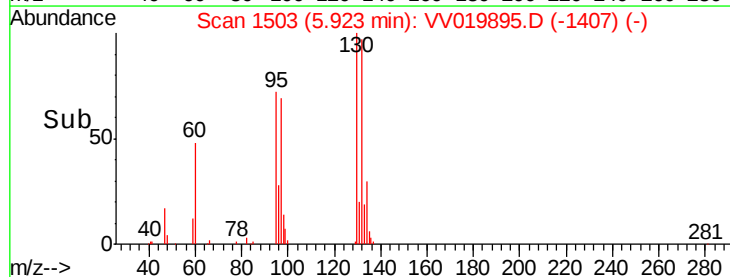
20000

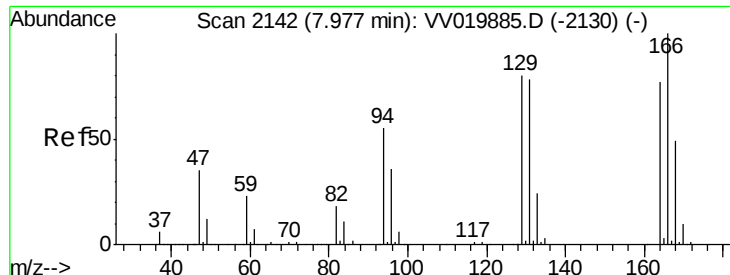
10000

0

5.85 5.90 5.95 6.00

Time-->





#46

Tetrachloroethene

Concen: 64.314 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019895.D

Acq: 05 Jan 2021 14:30

Instrument :

MSVOA_V

ClientSampled :

BG4W2DL

Tot Ion:164 Resp: 189701

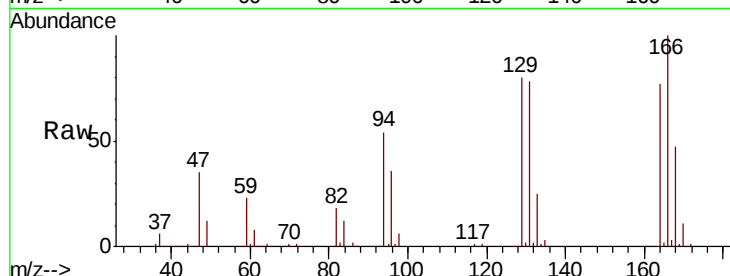
Ion Ratio Lower Upper

164 100

129 104.3 70.6 131.0

131 101.8 66.8 124.0

166 130.6 88.2 163.8

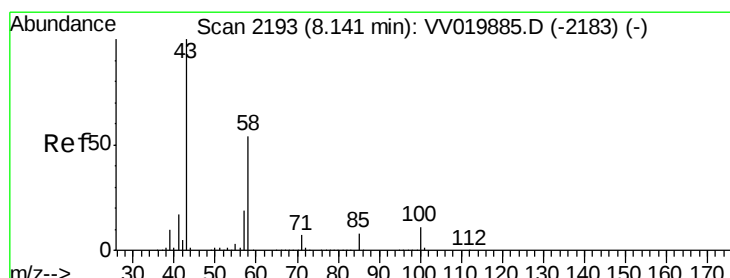
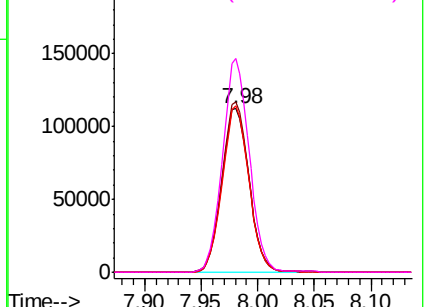
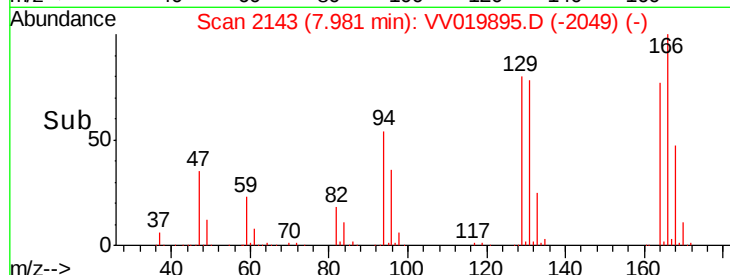


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.962 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019895.D

Acq: 05 Jan 2021 14:30

Tgt Ion: 43 Resp: 15333

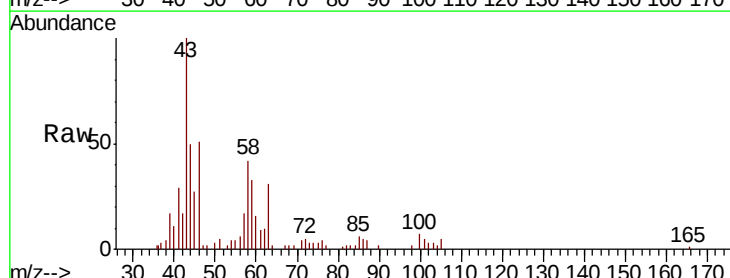
Ion Ratio Lower Upper

43 100

58 33.7 41.8 62.6#

57 0.0 15.0 22.4#

100 4.2 8.9 13.3#

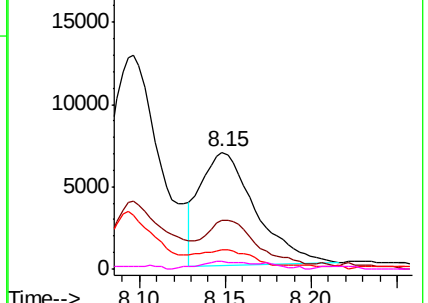
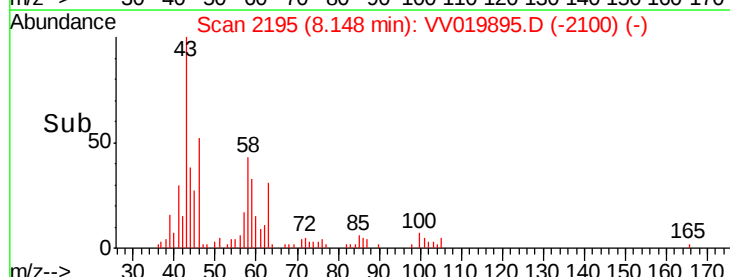


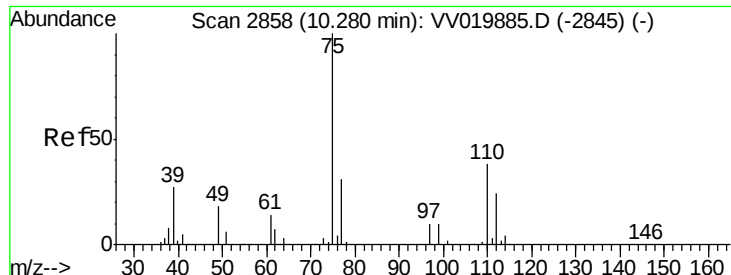
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.987 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019895.D

Acq: 05 Jan 2021 14:30

Instrument :

MSVOA_V

ClientSampleId :

BG4W2DL

Tot Ion: 75 Resp: 34030

Ion Ratio Lower Upper

75 100

77 36.5 25.4 38.0

