

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019592.D
 Acq On : 13 Dec 2020 06:28
 Operator : SY/MD
 Sample : L4928-04 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M1

Quant Time: Dec 13 07:43:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 07:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	589656	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	540822	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	242337	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	157054	37.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.28%
7) Chloroethane-d5	1.57	69	144480	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.64%
11) 1,1-Dichloroethene-d2	2.11	63	244877	31.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.40%
21) 2-Butanone-d5	3.89	46	253684	110.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.38%
24) Chloroform-d	4.35	84	347520	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.04	65	246843	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
32) Benzene-d6	5.05	84	672722	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
36) 1,2-Dichloropropane-d6	6.07	67	220487	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.60%
41) Toluene-d8	7.32	98	578685	44.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.12%
43) trans-1,3-Dichloropropene-	7.62	79	106717	41.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.04%
47) 2-Hexanone-d5	8.09	63	185139	104.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.40%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	304118	49.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.52%
64) 1,2-Dichlorobenzene-d4	11.63	152	217649	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%

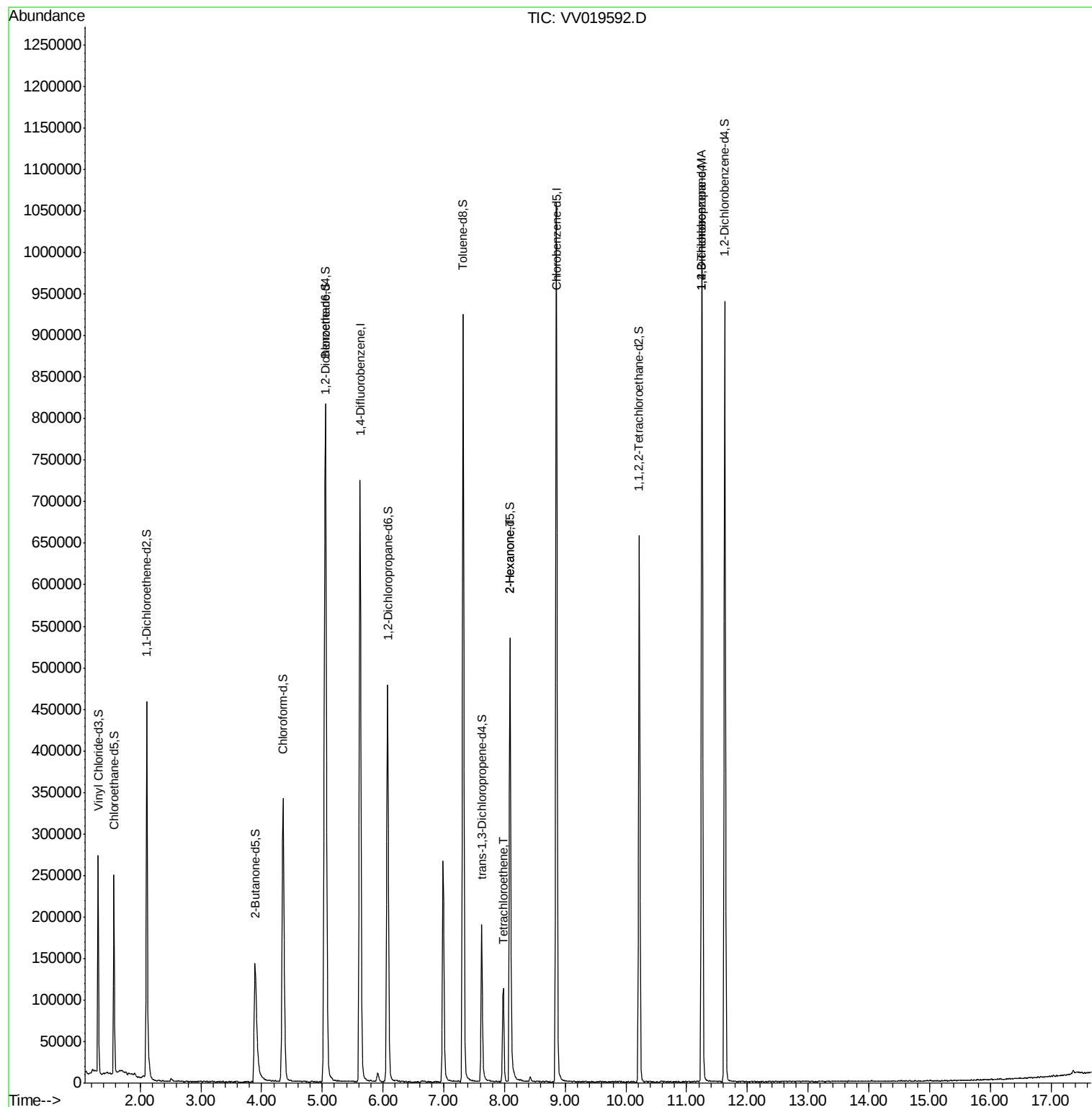
Target Compounds					Ovalue
46) Tetrachloroethene	7.98	164	23545	8.150 ug/L	97
48) 2-Hexanone	8.09	43	21676	4.797 ug/L #	68
59) 1,2,3-Trichloropropane	11.25	75	33316	6.489 ug/L	89

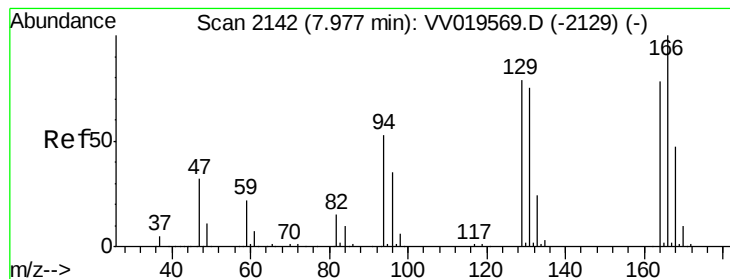
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46

Tetrachloroethene

Concen: 8.150 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019592.D

Acq: 13 Dec 2020 06:28

Instrument :

MSVOA_V

ClientSampled :

BG4M1

Tot Ion:164 Resp: 23545

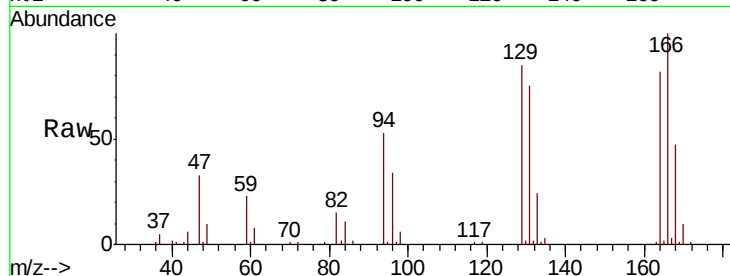
Ion Ratio Lower Upper

164 100

129 102.9 70.6 131.0

131 91.8 68.0 126.4

166 121.6 86.9 161.5

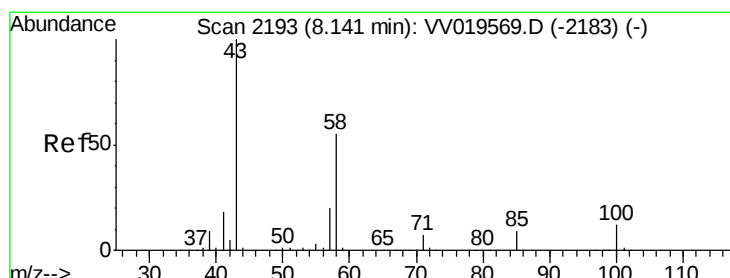
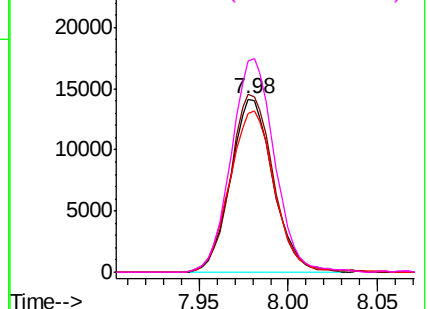
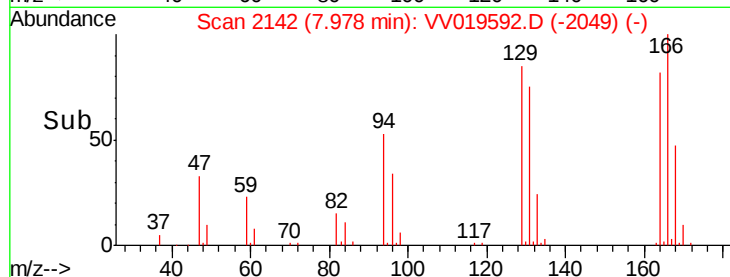


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.797 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019592.D

Acq: 13 Dec 2020 06:28

Tgt Ion: 43 Resp: 21676

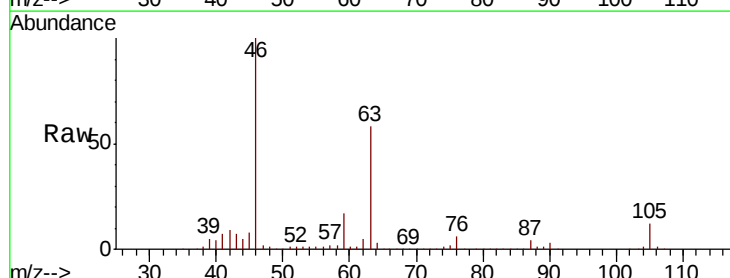
Ion Ratio Lower Upper

43 100

58 26.2 44.4 66.6#

57 23.0 15.7 23.5

100 0.0 9.9 14.9#

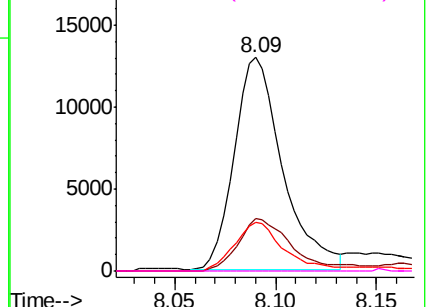
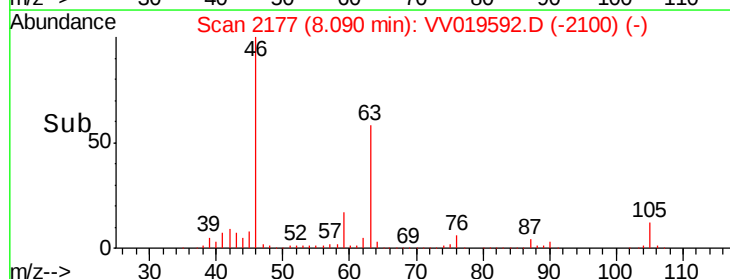


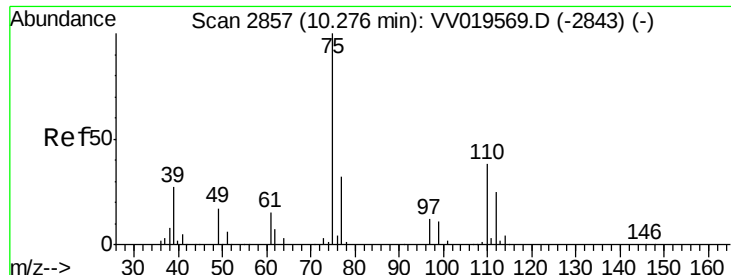
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.489 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

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ClientSampleId :

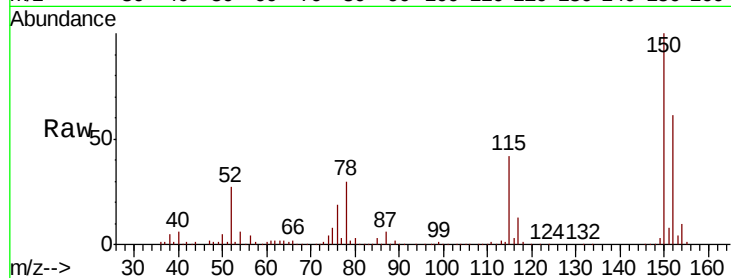
BG4M1

Tot Ion: 75 Resp: 33316

Ion Ratio Lower Upper

75 100

77 38.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

