

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019944.D
 Acq On : 08 Jan 2021 13:48
 Operator : SY/MD
 Sample : M1064-01 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X2

Quant Time: Jan 08 22:52:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 22:51:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	478106	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	463108	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	212527	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	102050	27.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.16%#
7) Chloroethane-d5	1.57	69	107727	36.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.26%
11) 1,1-Dichloroethene-d2	2.11	63	181539	25.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.92%#
21) 2-Butanone-d5	3.89	46	291025	106.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.13%
24) Chloroform-d	4.35	84	280414	40.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.22%
26) 1,2-Dichloroethane-d4	5.04	65	200774	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
32) Benzene-d6	5.05	84	499271	37.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.88%
36) 1,2-Dichloropropane-d6	6.07	67	179826	41.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.02%
41) Toluene-d8	7.32	98	416851	35.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.24%#
43) trans-1,3-Dichloropropene-	7.63	79	73035	33.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.02%
47) 2-Hexanone-d5	8.09	63	150514	83.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.05%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	245752	43.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.18%
64) 1,2-Dichlorobenzene-d4	11.63	152	180745	44.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.92%

Target Compounds

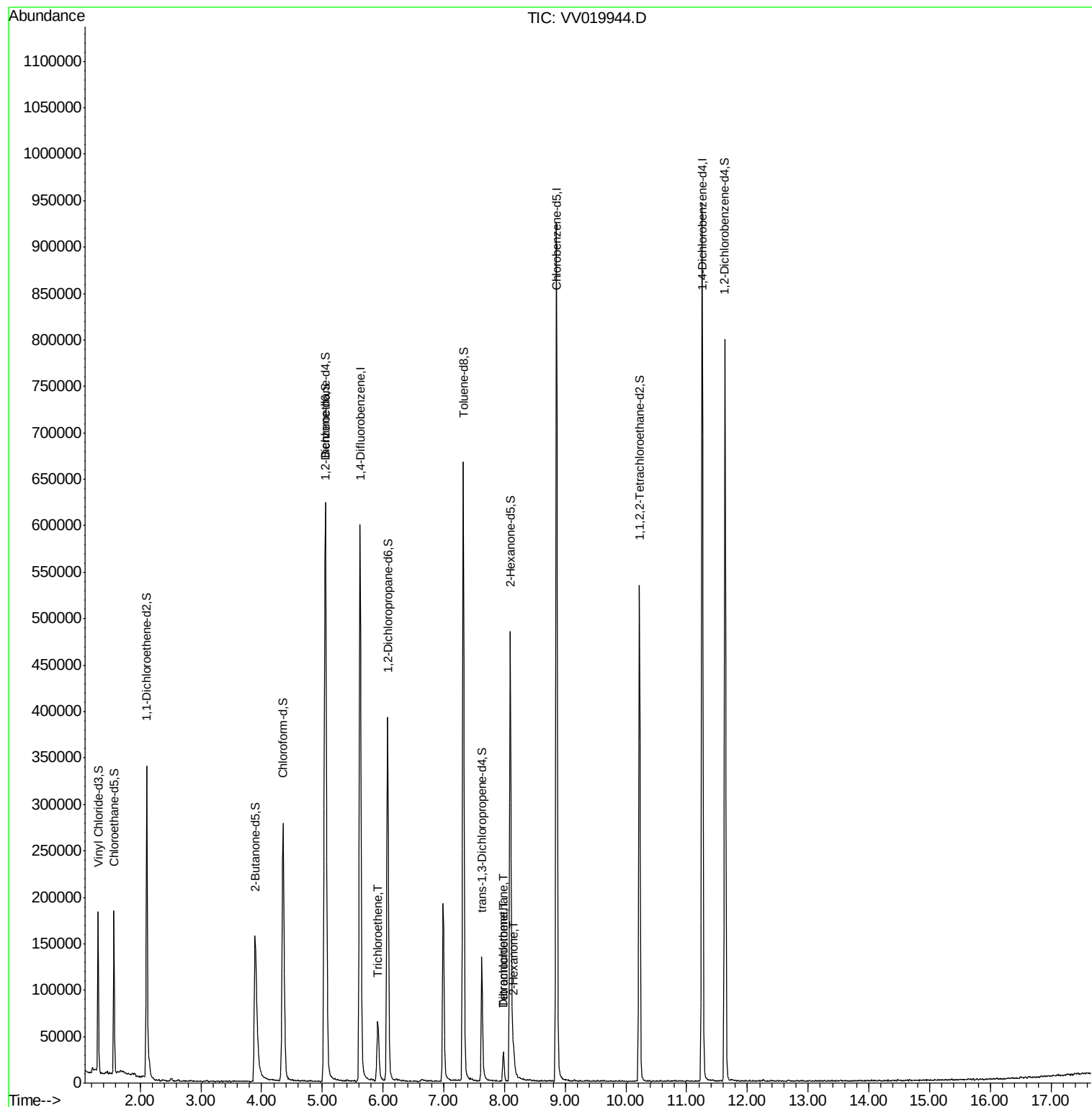
					Ovalue
34) Trichloroethene	5.92	95	13049	3.377 ug/L	99
46) Tetrachloroethene	7.98	164	6269	2.429 ug/L	95
48) 2-Hexanone	8.15	43	17221	3.803 ug/L #	82
49) Dibromochloromethane	7.98	129	6472	1.744 ug/L #	10

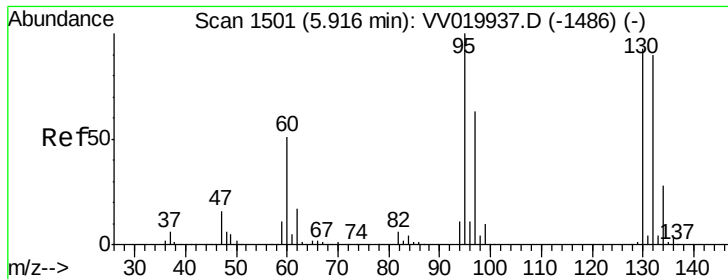
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 3.377 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019944.D

Acq: 08 Jan 2021 13:48

Instrument :

MSVOA_V

ClientSampleId :

BG4X2

Tot Ion: 95 Resp: 13049

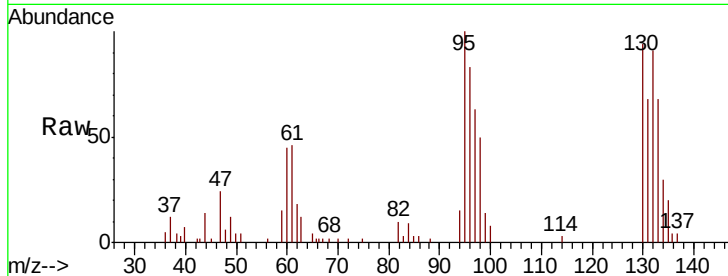
Ion Ratio Lower Upper

95 100

97 63.1 44.5 82.7

132 91.0 63.4 117.8

130 94.3 67.1 124.5



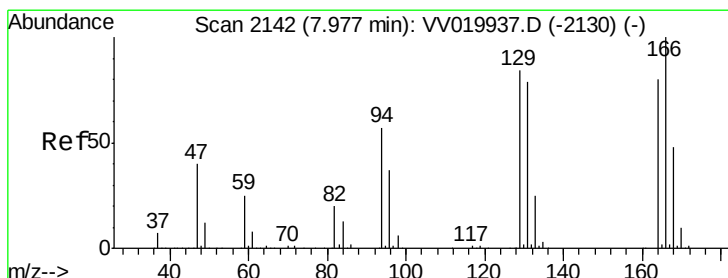
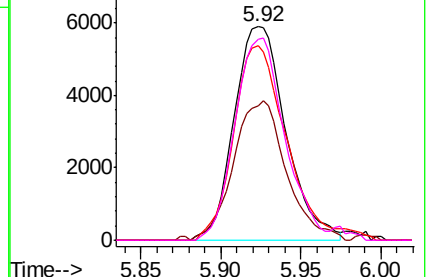
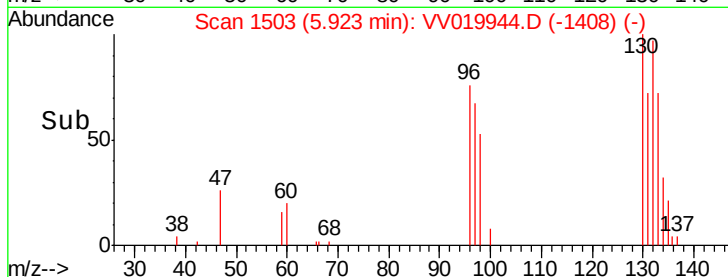
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->



#46

Tetrachloroethene

Concen: 2.429 ug/L

RT: 7.98 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VV019944.D

Acq: 08 Jan 2021 13:48

Tgt Ion:164 Resp: 6269

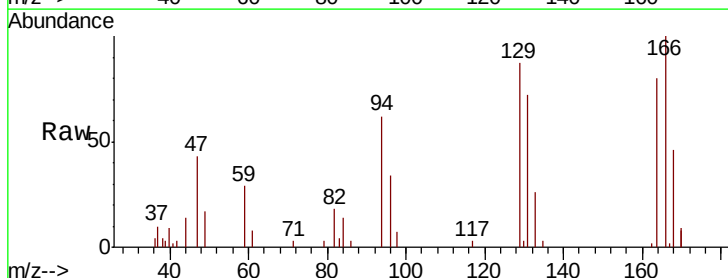
Ion Ratio Lower Upper

164 100

129 108.7 70.6 131.0

131 89.7 66.8 124.0

166 124.8 88.2 163.8



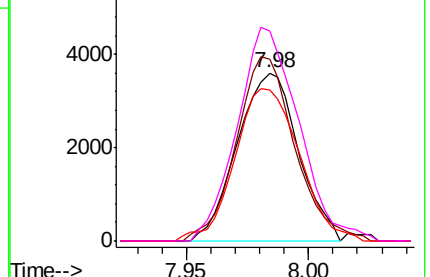
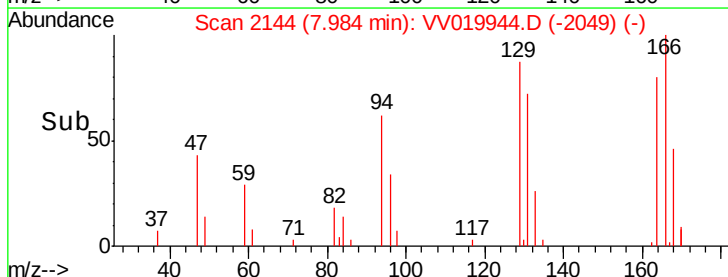
Abundance Ion 164.00 (163.70 to 164.70): V

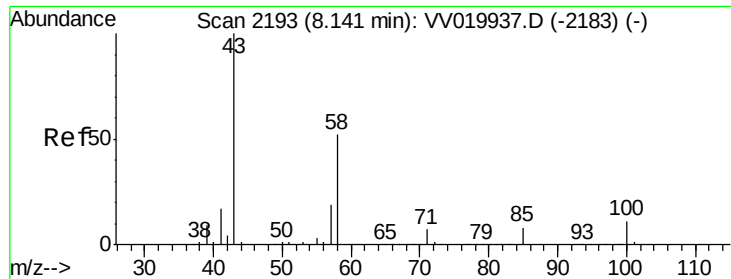
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

Time-->

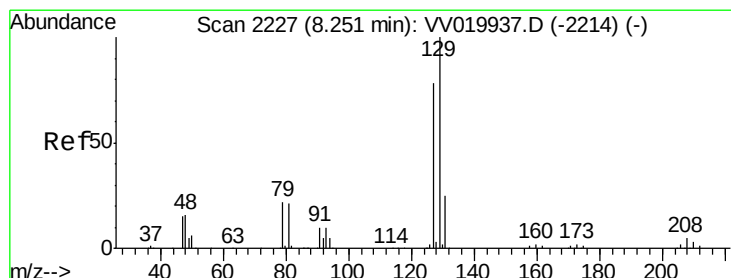
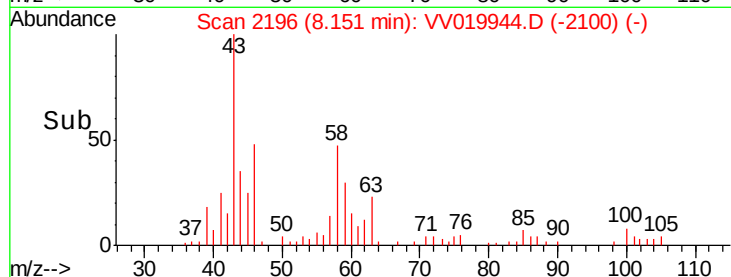
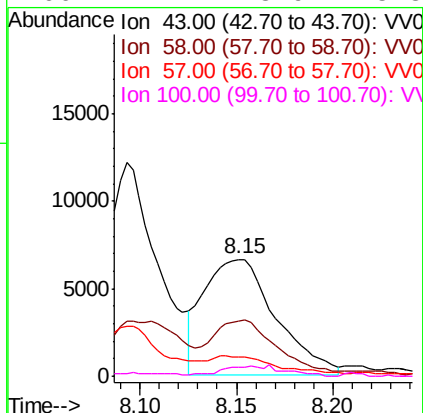
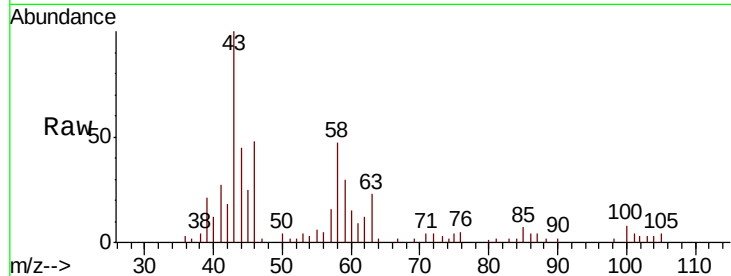




#48
2-Hexanone
Concen: 3.803 ug/L
RT: 8.15 min Scan# 2196
Delta R.T. 0.01 min
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Tot Ion: 43 Resp: 17221
Ion Ratio Lower Upper
43 100
58 35.8 41.8 62.6#
57 16.2 15.0 22.4
100 4.7 8.9 13.3#



#49
Dibromochloromethane
Concen: 1.744 ug/L
RT: 7.98 min Scan# 2143
Delta R.T. -0.27 min
Lab File: VV019944.D
Acq: 08 Jan 2021 13:48

Tgt Ion: 129 Resp: 6472
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#

