

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019558.D
 Acq On : 12 Dec 2020 16:05
 Operator : SY/MD
 Sample : L4955-20DL 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4L9DL

Quant Time: Dec 13 04:39:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 04:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	669939	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	617143	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	284347	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	176163	36.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.34%
7) Chloroethane-d5	1.57	69	155911	41.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.30%
11) 1,1-Dichloroethene-d2	2.11	63	278994	31.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.58%
21) 2-Butanone-d5	3.89	46	256108	98.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.08%
24) Chloroform-d	4.35	84	373133	43.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.04	65	261214	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	5.05	84	735562	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
36) 1,2-Dichloropropane-d6	6.07	67	234544	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.98%
41) Toluene-d8	7.32	98	656675	44.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.62%
43) trans-1,3-Dichloropropene-	7.62	79	120918	41.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.46%
47) 2-Hexanone-d5	8.09	63	192309	95.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.03%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	321216	46.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.12%
64) 1,2-Dichlorobenzene-d4	11.63	152	240593	45.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.52%

Target Compounds

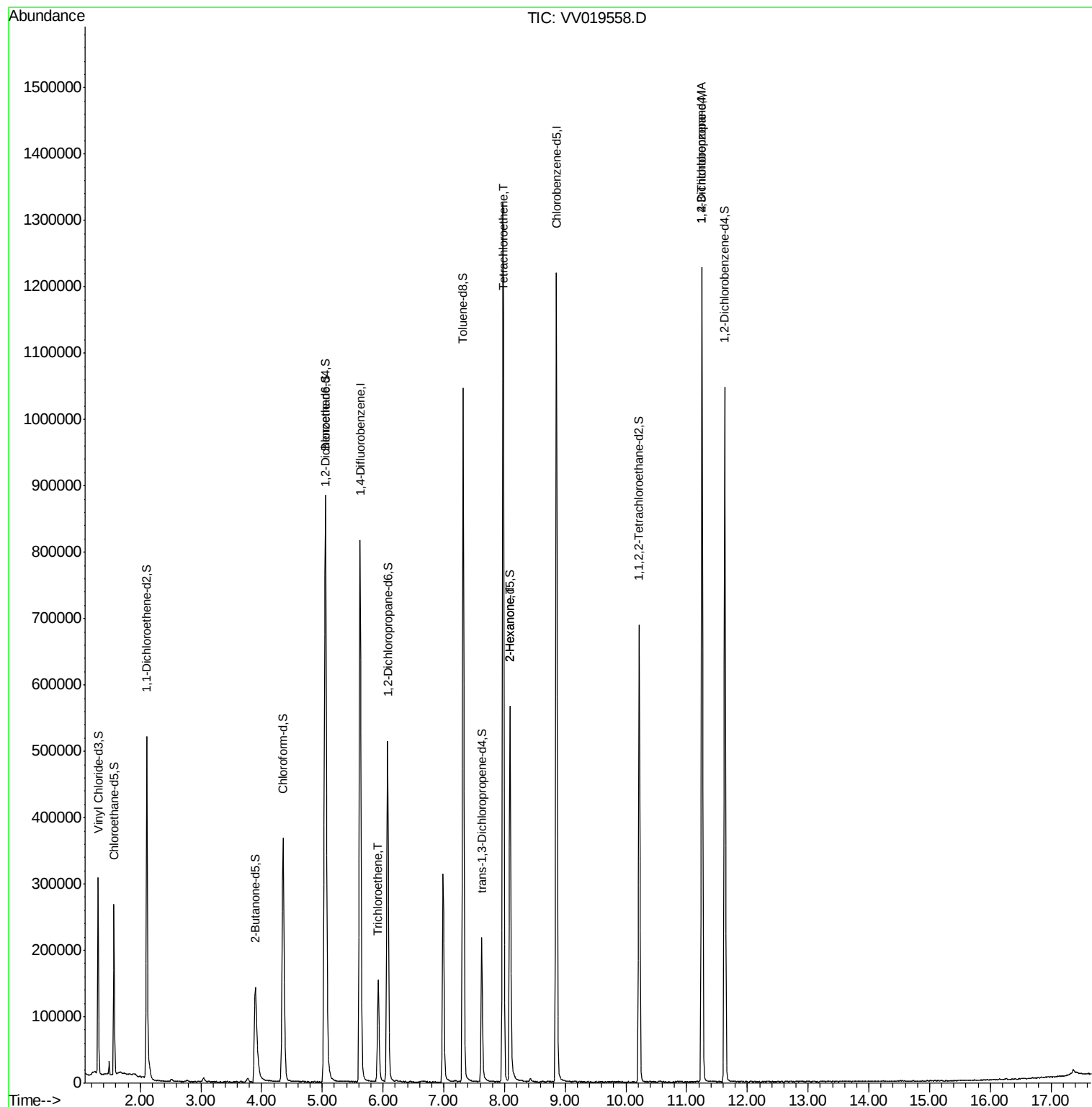
					Ovalue
34) Trichloroethene	5.92	95	53565	11.242 ug/L	99
46) Tetrachloroethene	7.98	164	263782	80.010 ug/L	98
48) 2-Hexanone	8.09	43	22952	4.451 ug/L #	68
59) 1,2,3-Trichloropropane	11.25	75	38455	6.564 ug/L	90

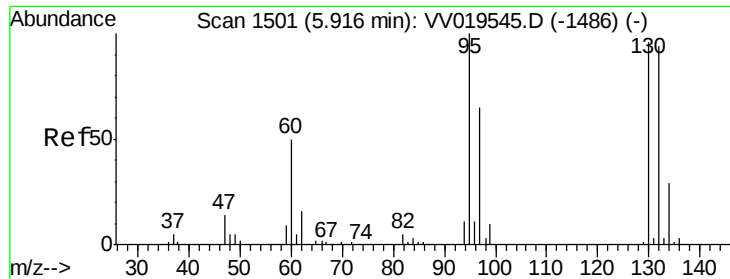
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#34

Trichloroethene

Concen: 11.242 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019558.D

Acq: 12 Dec 2020 16:05

Instrument :

MSVOA_V

ClientSampleId :

BG4L9DL

Tot Ion: 95 Resp: 53565

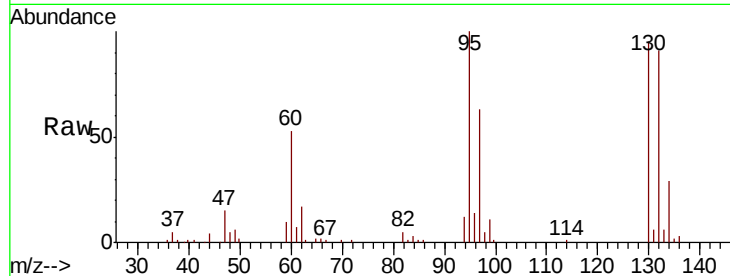
Ion Ratio Lower Upper

95 100

97 63.1 44.4 82.4

132 91.0 64.3 119.3

130 94.9 67.8 125.8



Abundance

Ion 95.00 (94.70 to 95.70): VV0

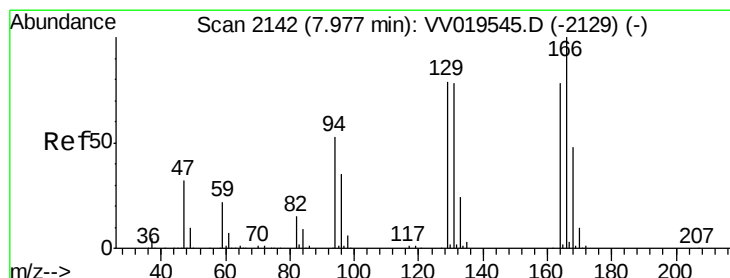
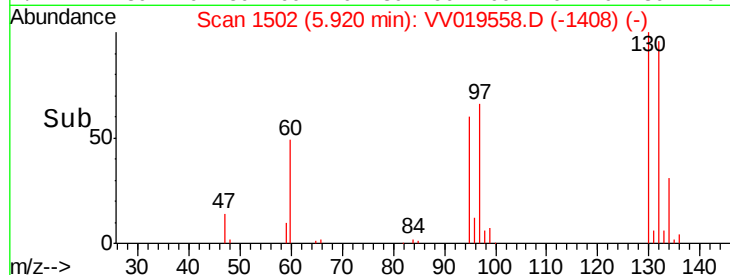
Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

5.92

Time-->



#46

Tetrachloroethene

Concen: 80.010 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019558.D

Acq: 12 Dec 2020 16:05

Tgt Ion: 164 Resp: 263782

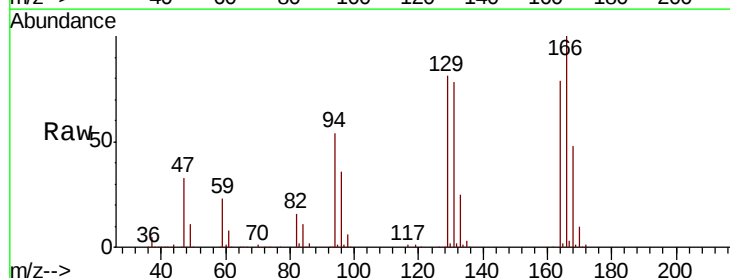
Ion Ratio Lower Upper

164 100

129 102.6 70.6 131.0

131 98.8 68.0 126.4

166 126.9 86.9 161.5



Abundance

Ion 164.00 (163.70 to 164.70): V

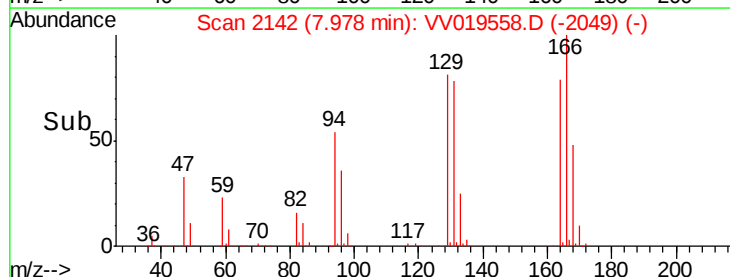
Ion 129.00 (128.70 to 129.70): V

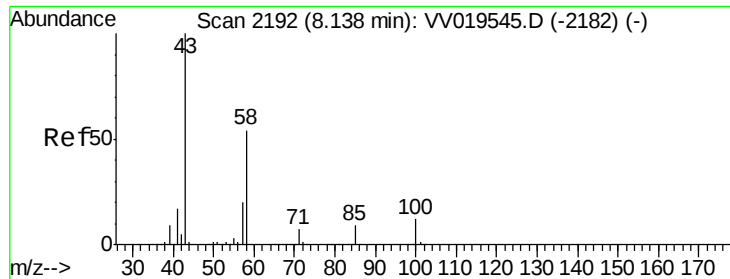
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

7.98

Time-->

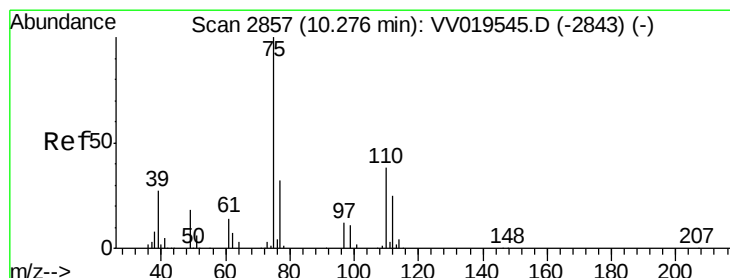
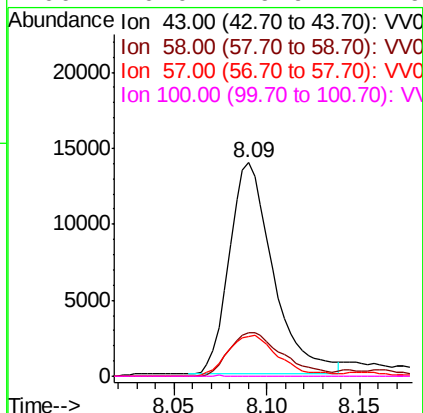
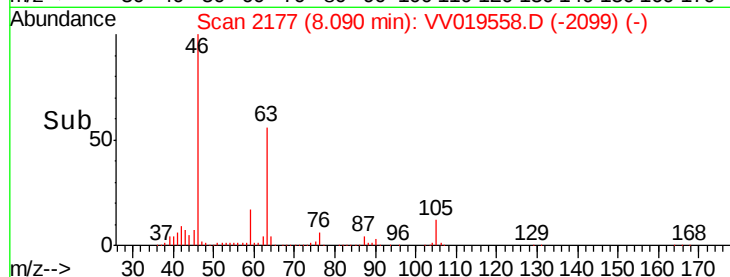
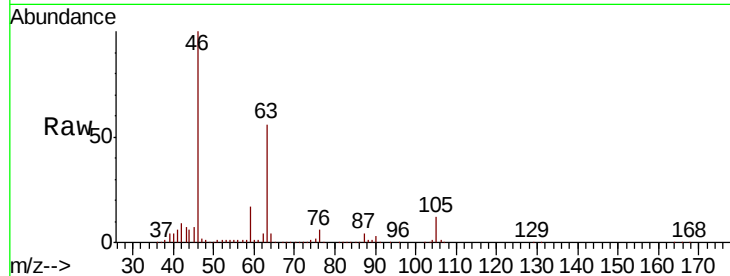




#48
2-Hexanone
Concen: 4.451 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
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Tot Ion:	43	Resp:	22952
Ion	Ratio	Lower	Upper
43	100		
58	25.2	44.4	66.6#
57	22.3	15.7	23.5
100	0.0	9.9	14.9#



#59
1,2,3-Trichloropropane
Concen: 6.564 ug/L
RT: 11.25 min Scan# 3160
Delta R.T. 0.97 min
Lab File: VV019558.D
Acq: 12 Dec 2020 16:05

Tgt Ion:	75	Resp:	38455
Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.8	38.8

