

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019607.D
 Acq On : 14 Dec 2020 16:16
 Operator : SY/MD
 Sample : L4955-20DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4L9DL

Quant Time: Dec 15 08:03:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	635342	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	583718	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	267698	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	221175	48.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.10%
7) Chloroethane-d5	1.57	69	189464	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.46%
11) 1,1-Dichloroethene-d2	2.11	63	326634	38.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.26%
21) 2-Butanone-d5	3.90	46	283011	114.29	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.29%
24) Chloroform-d	4.35	84	420009	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
26) 1,2-Dichloroethane-d4	5.04	65	289569	53.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.92%
32) Benzene-d6	5.05	84	836881	53.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.52%
36) 1,2-Dichloropropane-d6	6.07	67	266654	54.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.36%
41) Toluene-d8	7.32	98	744424	53.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.22%
43) trans-1,3-Dichloropropene-	7.62	79	136221	49.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.22%
47) 2-Hexanone-d5	8.09	63	206847	108.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.07%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	348834	52.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.76%
64) 1,2-Dichlorobenzene-d4	11.63	152	268351	53.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.26%

Target Compounds

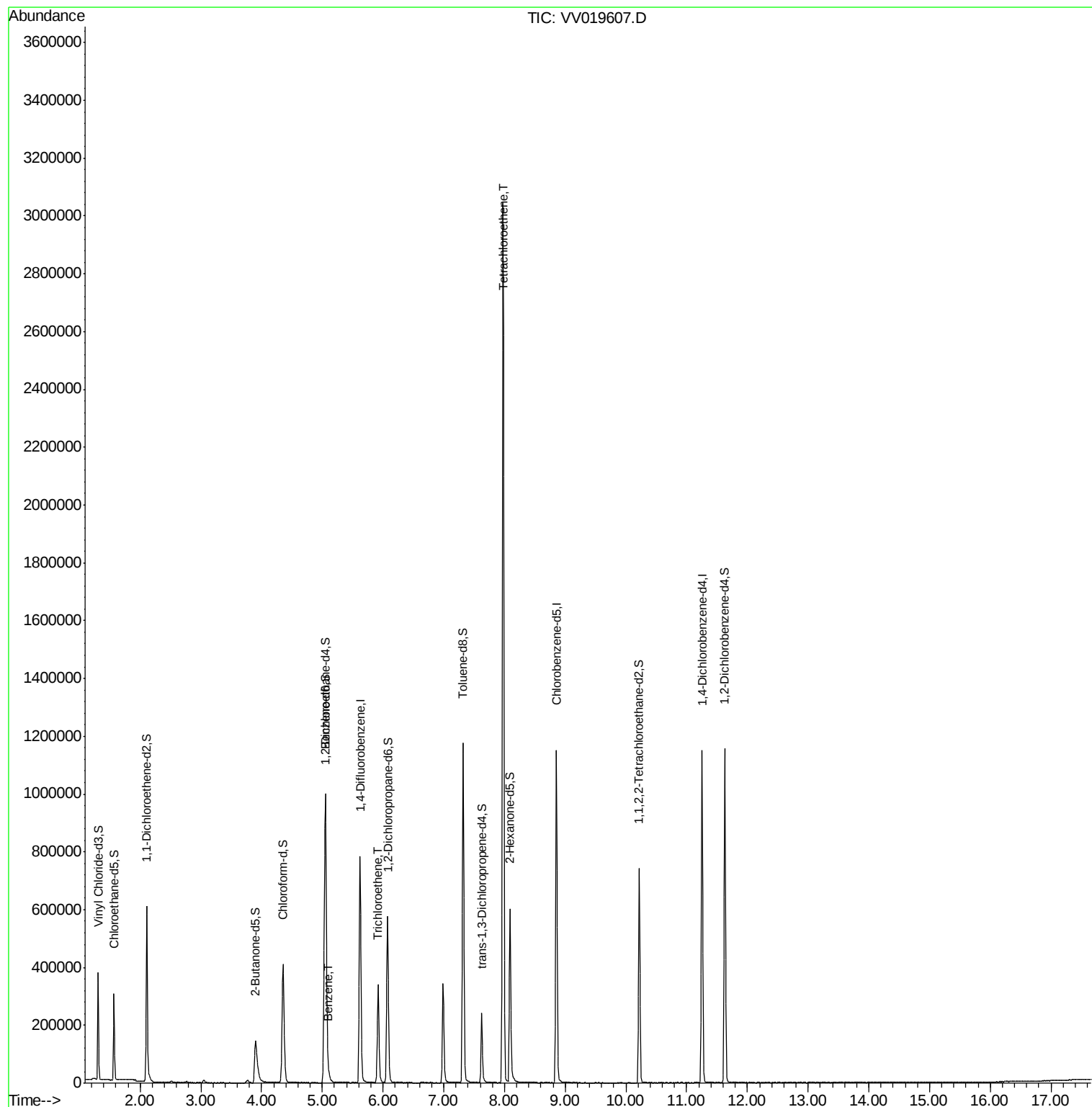
					Ovalue
33) Benzene	5.11	78	26183	1.535	ug/L 100
34) Trichloroethene	5.92	95	119581	26.535	ug/L 99
46) Tetrachloroethene	7.98	164	608998	195.299	ug/L 98

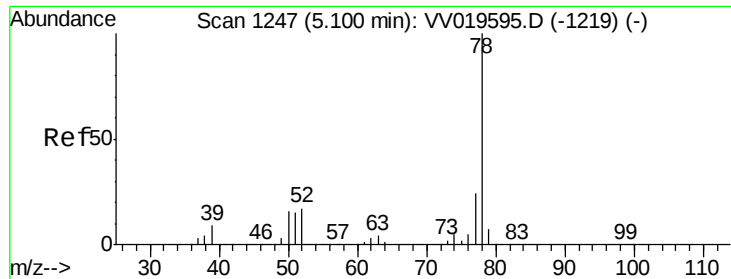
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 1.535 ug/L

RT: 5.11 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VV019607.D

Acq: 14 Dec 2020 16:16

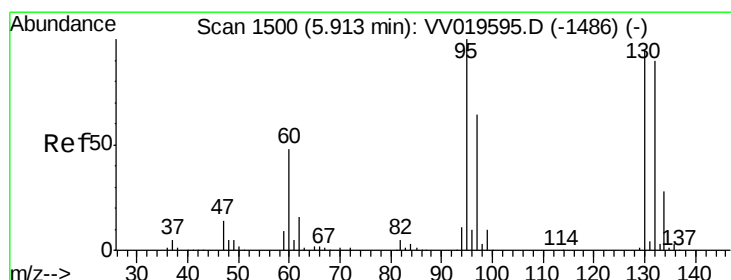
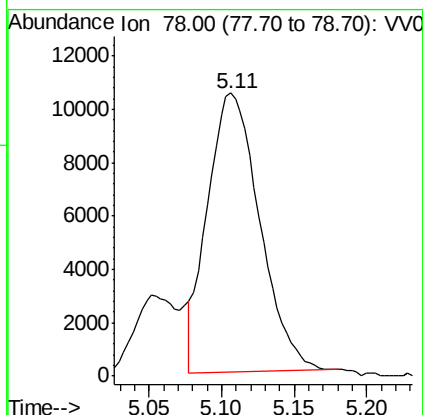
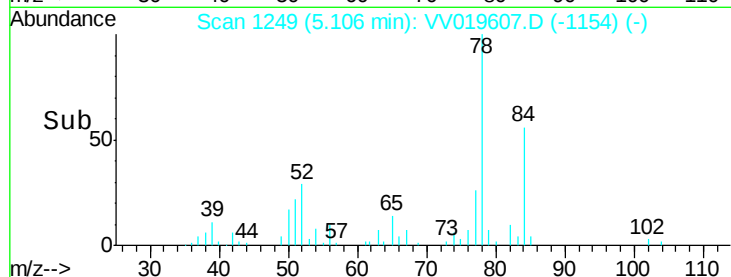
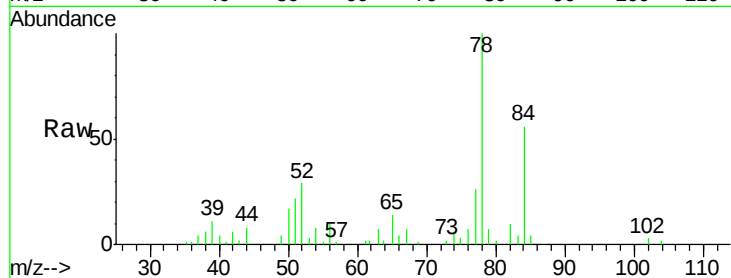
Instrument :

MSVOA_V

ClientSampleId :

BG4L9DL

Tgt Ion: 78 Resp: 26183



#34

Trichloroethene

Concen: 26.535 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: VV019607.D

Acq: 14 Dec 2020 16:16

Tgt Ion: 95 Resp: 119581

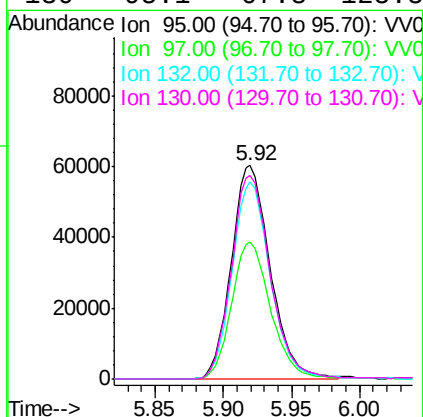
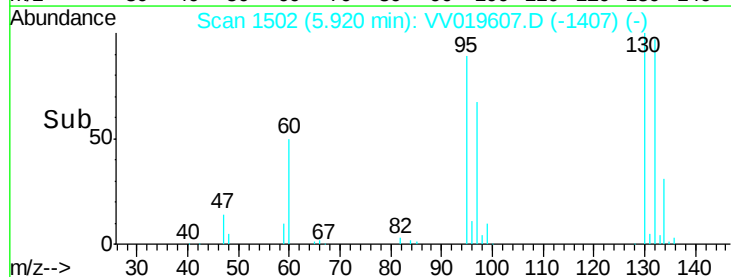
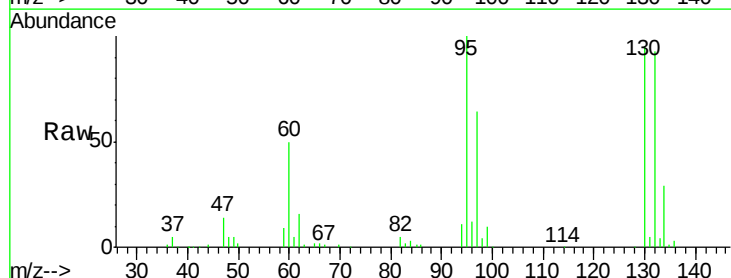
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.4	82.4
132	92.6	64.3	119.3
130	95.1	67.8	125.8

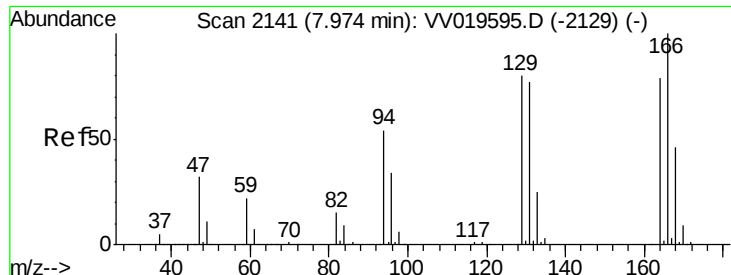
95 100

97 64.1 44.4 82.4

132 92.6 64.3 119.3

130 95.1 67.8 125.8





#46

Tetrachloroethene

Concen: 195.299 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019607.D

Acq: 14 Dec 2020 16:16

Instrument :

MSVOA_V

ClientSampleId :

BG4L9DL

Tot Ion:164 Resp: 608998

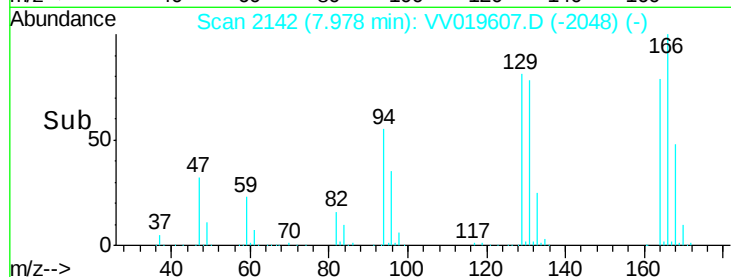
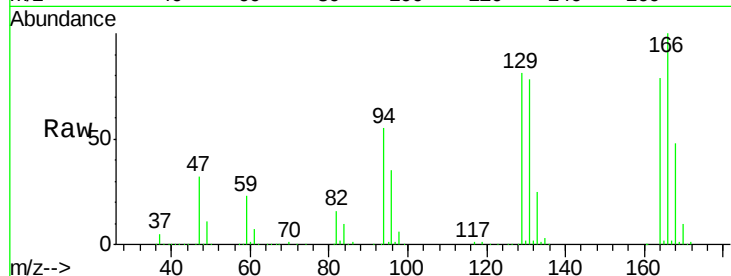
Ion Ratio Lower Upper

164 100

129 102.6 70.6 131.0

131 98.4 68.0 126.4

166 126.3 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

