

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019615.D
 Acq On : 14 Dec 2020 19:29
 Operator : SY/MD
 Sample : L4928-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M4

Quant Time: Dec 15 08:28:55 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	607394	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	567456	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	261095	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	220522	50.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.26%
7) Chloroethane-d5	1.57	69	187779	54.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.32%
11) 1,1-Dichloroethene-d2	2.11	63	327171	40.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.94%
21) 2-Butanone-d5	3.89	46	260462	110.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.02%
24) Chloroform-d	4.35	84	409745	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.04	65	286007	55.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.50%
32) Benzene-d6	5.05	84	829415	54.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.07	67	261479	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.30%
41) Toluene-d8	7.32	98	732069	53.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.44%
43) trans-1,3-Dichloropropene-	7.62	79	127160	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.32%
47) 2-Hexanone-d5	8.09	63	191112	102.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.71%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	338354	52.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.52%
64) 1,2-Dichlorobenzene-d4	11.63	152	268508	55.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.04%

Target Compounds

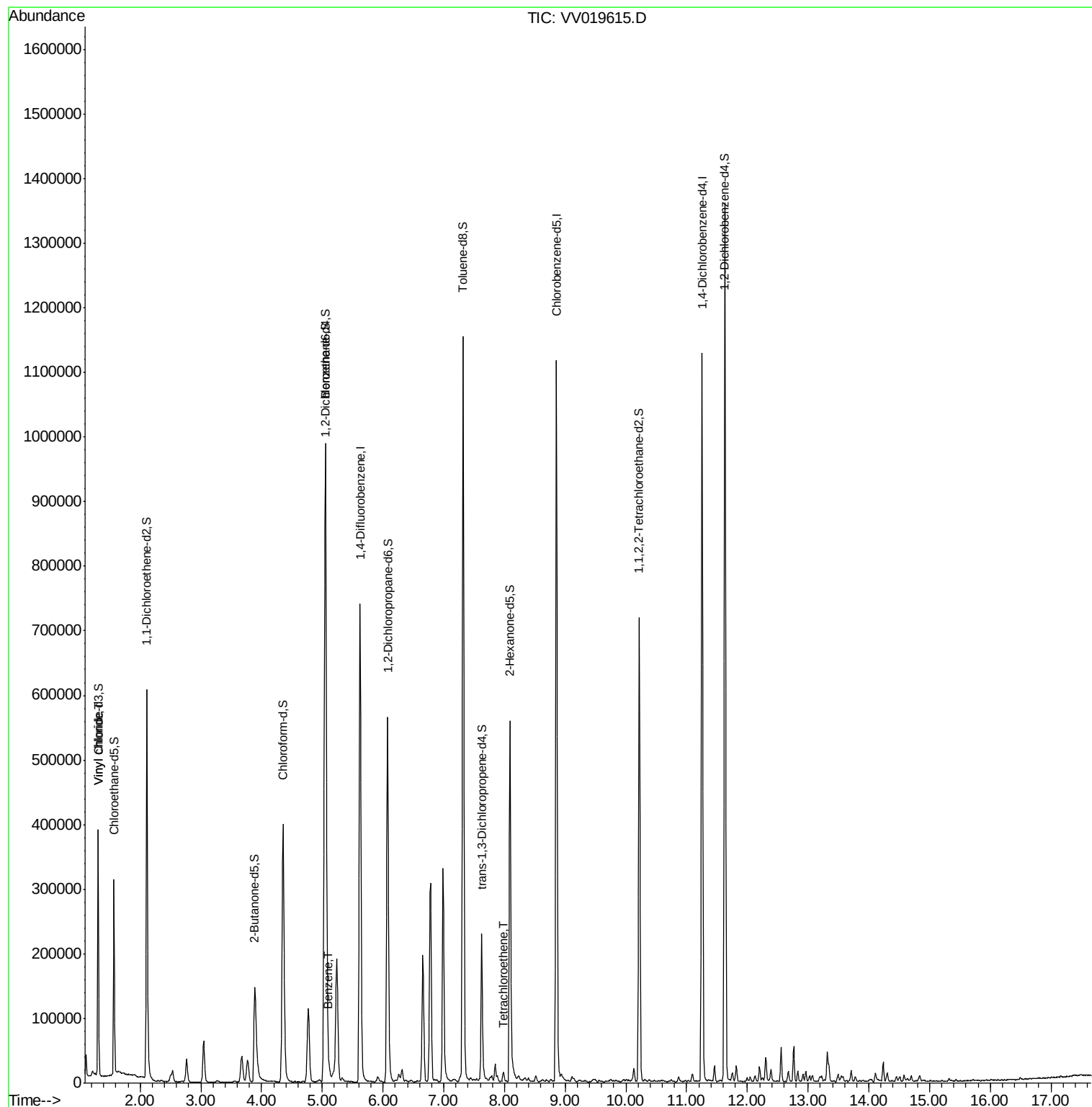
					Ovalue
5) Vinyl chloride	1.31	62	4913	0.940 ug/L	# 14
33) Benzene	5.11	78	16497	0.995 ug/L	100
46) Tetrachloroethene	7.98	164	3047	1.005 ug/L	87

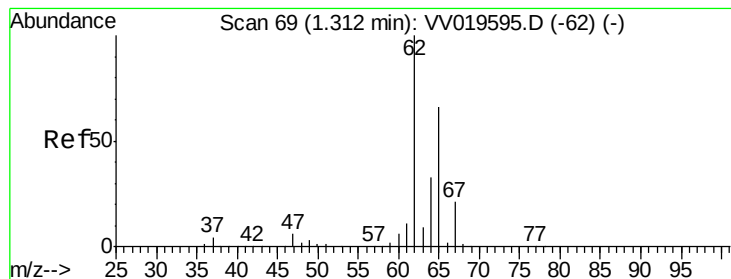
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.940 ug/L

RT: 1.31 min Scan# 69

Delta R.T. 0.00 min

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Acq: 14 Dec 2020 19:29

Instrument :

MSVOA_V

ClientSampled :

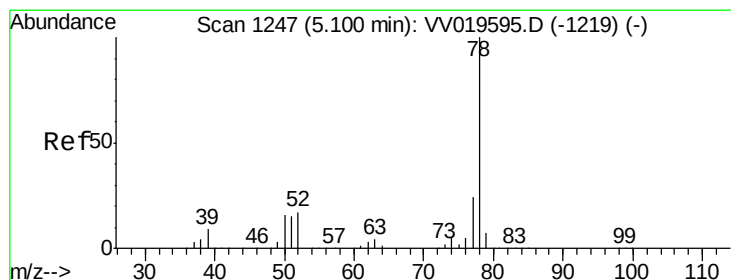
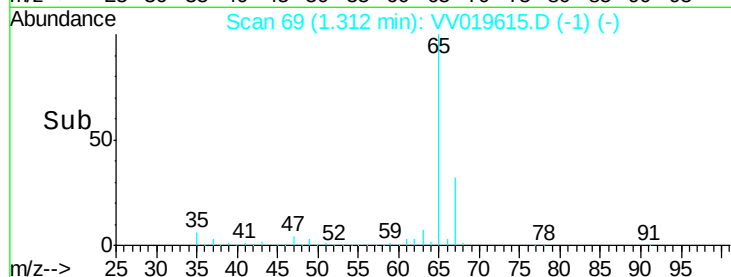
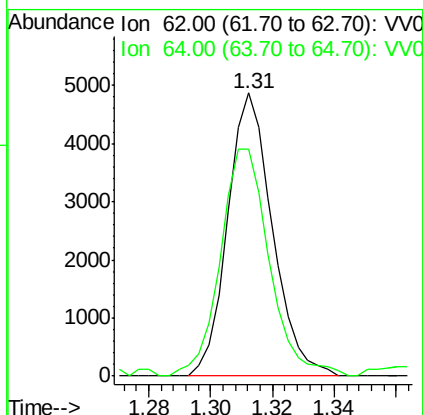
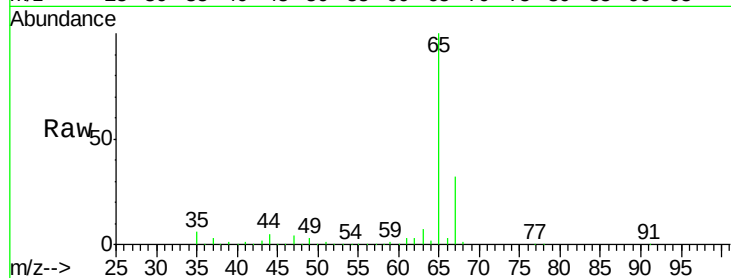
BG4M4

Tot Ion: 62 Resp: 4913

Ion Ratio Lower Upper

62 100

64 80.1 22.5 41.7#



#33

Benzene

Concen: 0.995 ug/L

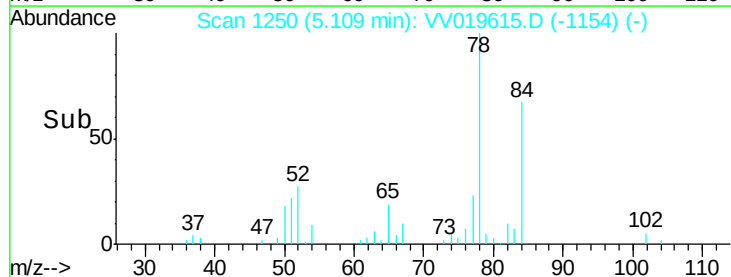
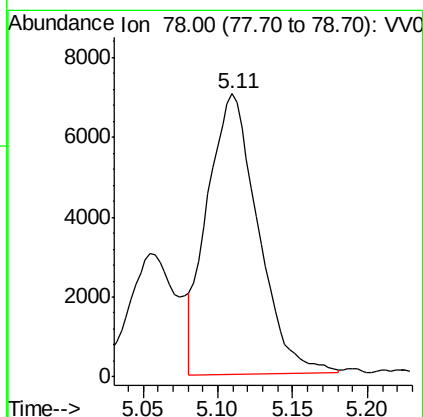
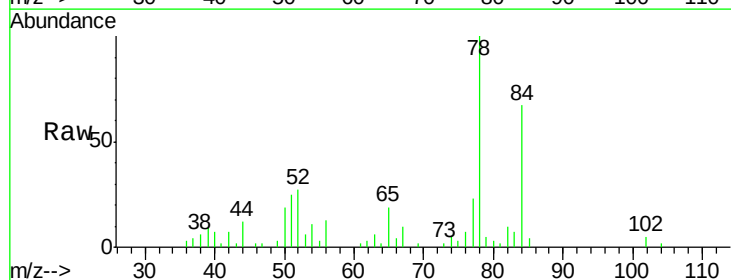
RT: 5.11 min Scan# 1250

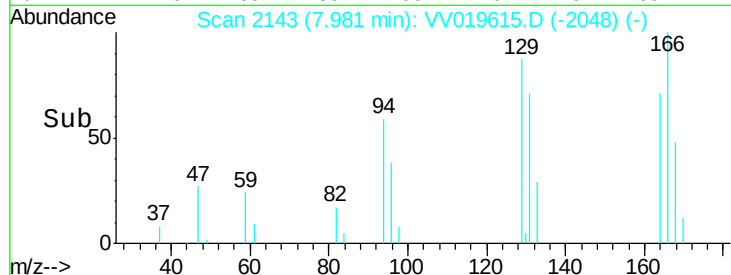
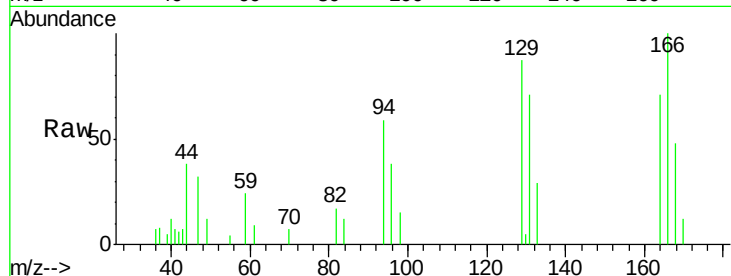
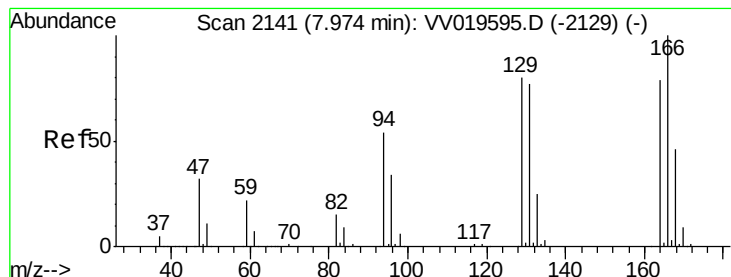
Delta R.T. 0.01 min

Lab File: VV019615.D

Acq: 14 Dec 2020 19:29

Tgt Ion: 78 Resp: 16497





#46

Tetrachloroethene

Concen: 1.005 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.01 min

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Acq: 14 Dec 2020 19:29

Instrument :

MSVOA_V

ClientSampleId :

BG4M4

Tot Ion:164 Resp: 3047

Ion Ratio Lower Upper

164 100

129 122.4 70.6 131.0

131 100.0 68.0 126.4

166 141.4 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

