

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019565.D
 Acq On : 12 Dec 2020 18:53
 Operator : SY/MD
 Sample : L4928-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4H8

Quant Time: Dec 13 04:40:33 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	636581	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	585320	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	266419	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	258531	56.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.28%
7) Chloroethane-d5	1.57	69	210022	58.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.66%
11) 1,1-Dichloroethene-d2	2.11	63	368686	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.04%
21) 2-Butanone-d5	3.90	46	309381	124.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.69%
24) Chloroform-d	4.35	84	446137	54.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.46%
26) 1,2-Dichloroethane-d4	5.04	65	310874	57.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.64%
32) Benzene-d6	5.05	84	896804	57.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.90%
36) 1,2-Dichloropropane-d6	6.07	67	280881	57.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.88%
41) Toluene-d8	7.32	98	795558	56.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.20%
43) trans-1,3-Dichloropropene-	7.62	79	144010	51.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.54%
47) 2-Hexanone-d5	8.09	63	226722	118.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.13%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	364785	55.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.30%
64) 1,2-Dichlorobenzene-d4	11.63	152	285383	57.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

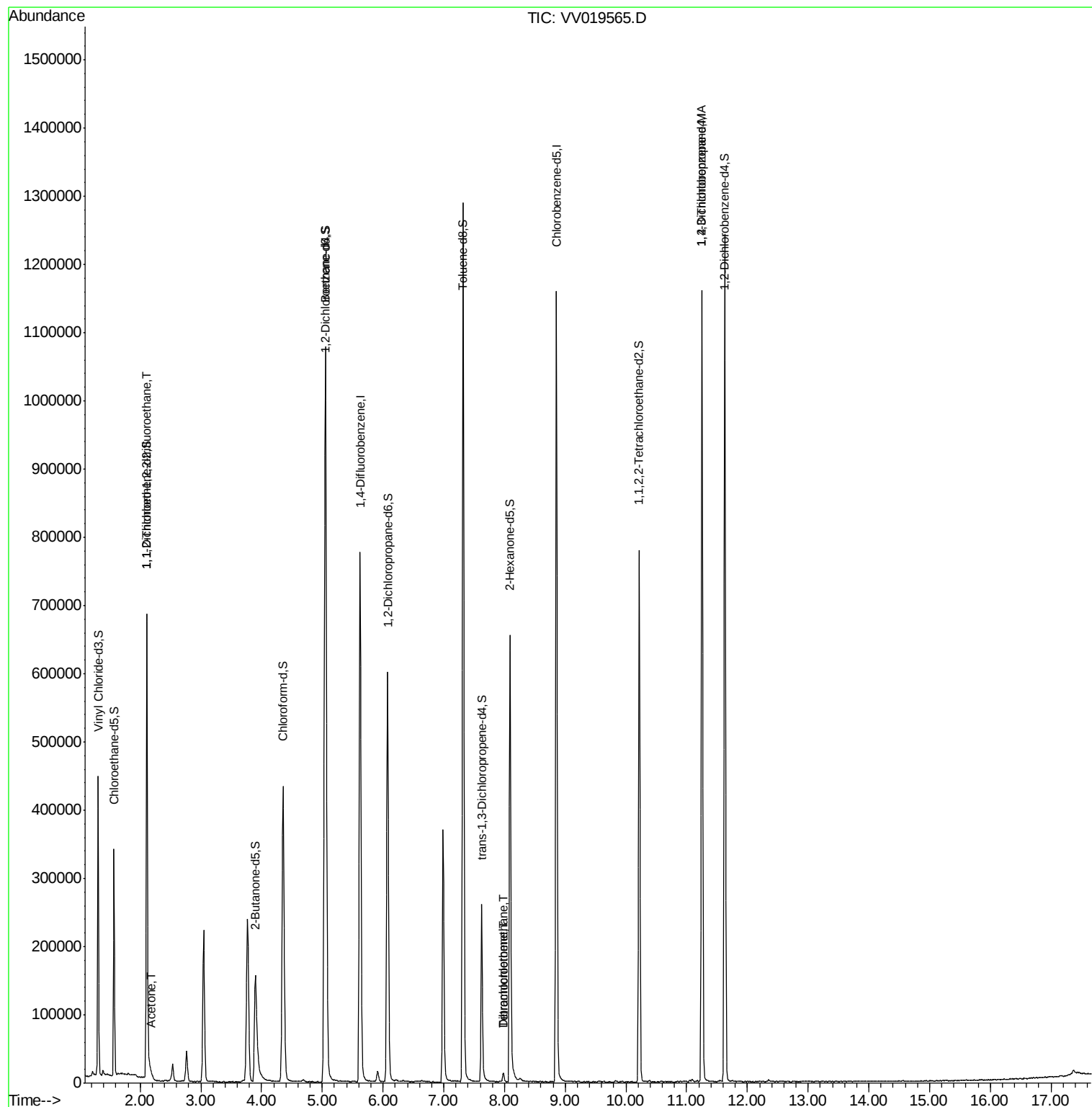
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2937	0.795 ug/L #	23
13) Acetone	2.19	43	9356	4.426 ug/L	89
46) Tetrachloroethene	7.98	164	2831	0.905 ug/L	92
49) Dibromochloromethane	7.98	129	3038	0.654 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	36203	6.515 ug/L	89

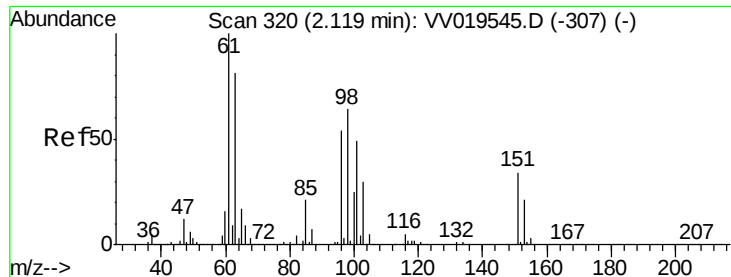
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.795 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019565.D

Acq: 12 Dec 2020 18:53

Instrument :

MSVOA_V

ClientSampled :

BG4H8

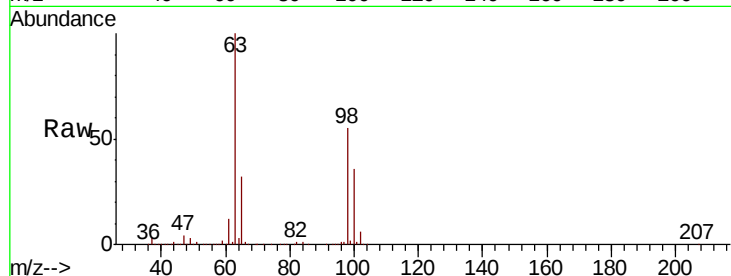
Tot Ion:101 Resp: 2937

Ion Ratio Lower Upper

101 100

85 2.2 35.0 52.4#

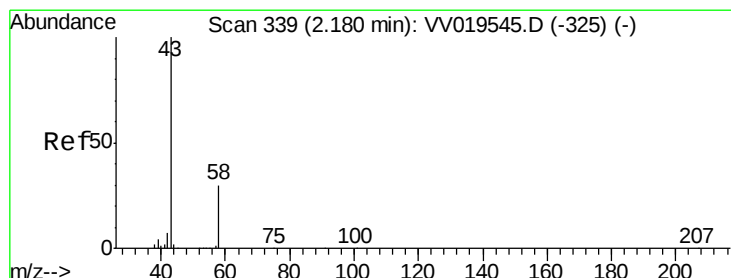
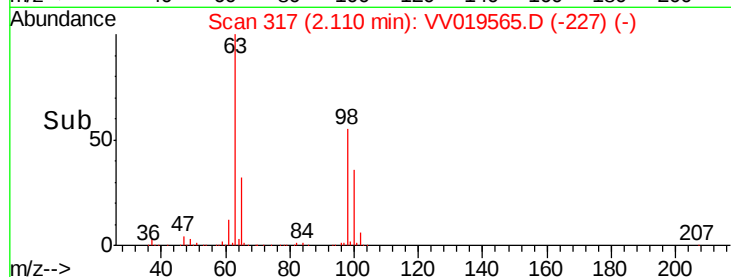
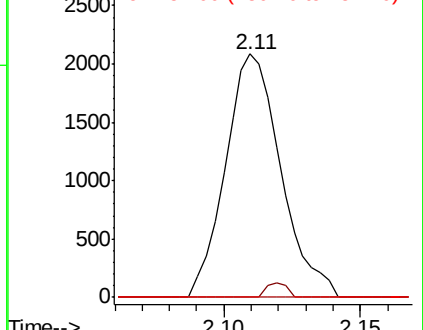
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.426 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV019565.D

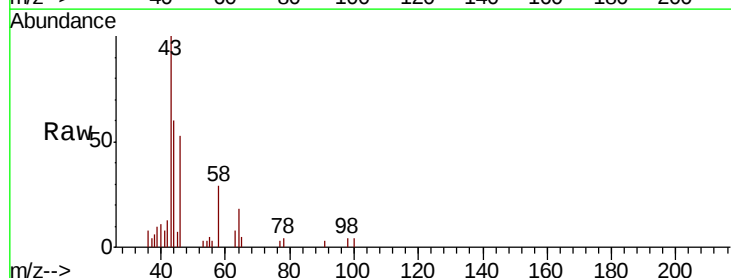
Acq: 12 Dec 2020 18:53

Tgt Ion: 43 Resp: 9356

Ion Ratio Lower Upper

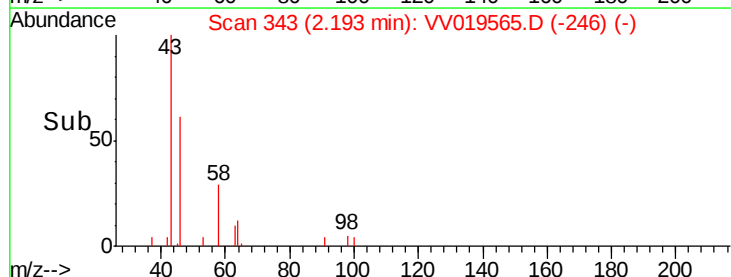
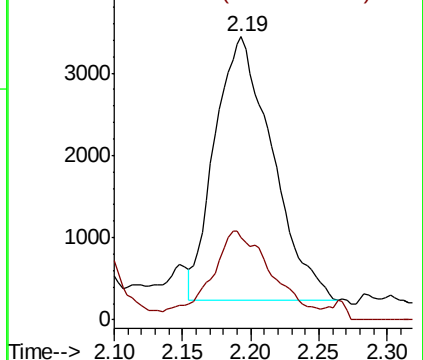
43 100

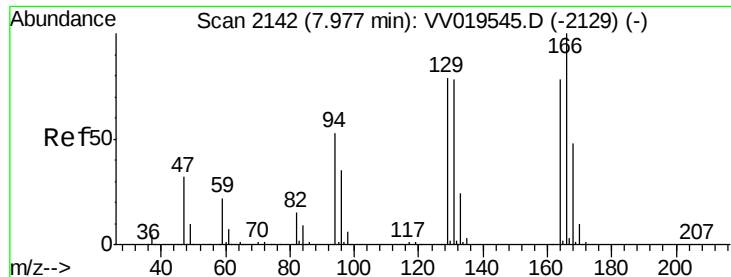
58 36.6 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#46

Tetrachloroethene

Concen: 0.905 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019565.D

Acq: 12 Dec 2020 18:53

Instrument :

MSVOA_V

ClientSampleId :

BG4H8

Tot Ion:164 Resp: 2831

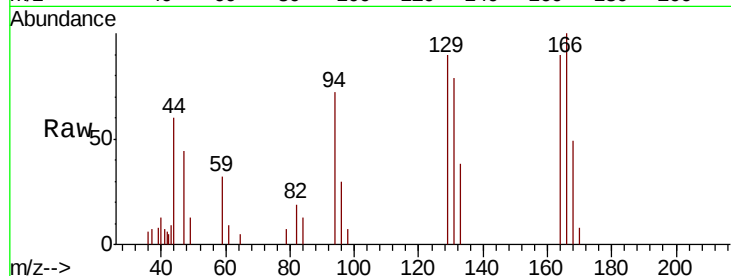
Ion Ratio Lower Upper

164 100

129 99.6 70.6 131.0

131 87.8 68.0 126.4

166 111.0 86.9 161.5



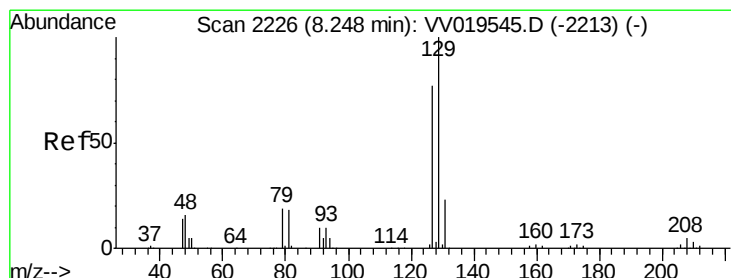
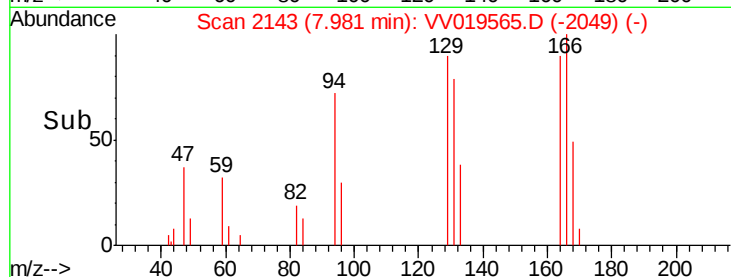
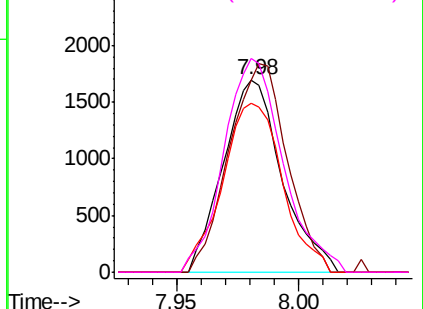
Abundance

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



#49

Dibromochloromethane

Concen: 0.654 ug/L

RT: 7.98 min Scan# 2144

Delta R.T. -0.26 min

Lab File: VV019565.D

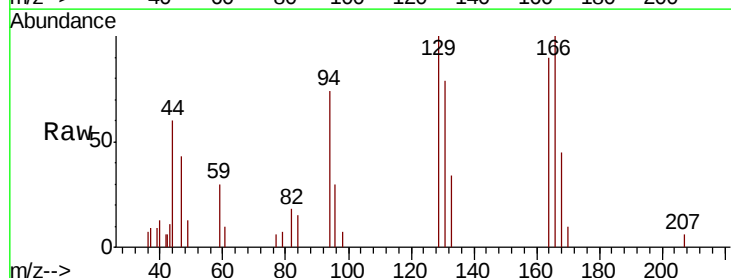
Acq: 12 Dec 2020 18:53

Tgt Ion:129 Resp: 3038

Ion Ratio Lower Upper

129 100

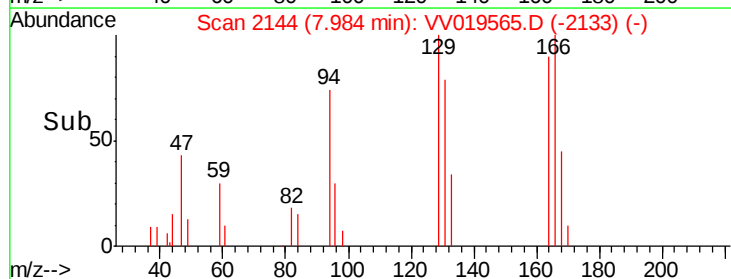
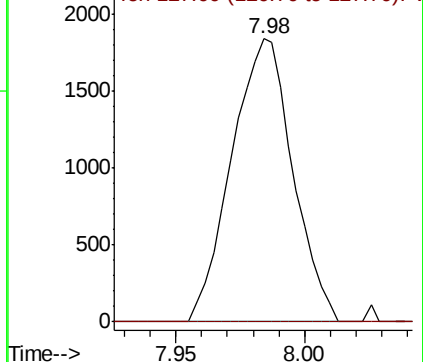
127 0.0 54.2 100.6#

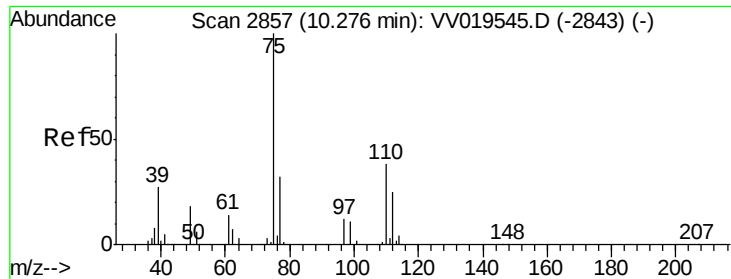


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 6.515 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019565.D

Acq: 12 Dec 2020 18:53

Instrument :

MSVOA_V

ClientSampleId :

BG4H8

Tot Ion: 75 Resp: 36203

Ion Ratio Lower Upper

75 100

77 38.6 25.8 38.8

