

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019563.D
 Acq On : 12 Dec 2020 18:05
 Operator : SY/MD
 Sample : L4928-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4H7

Quant Time: Dec 13 04:40:22 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	651547	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	600597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	276122	50.00	ug/L	0.00

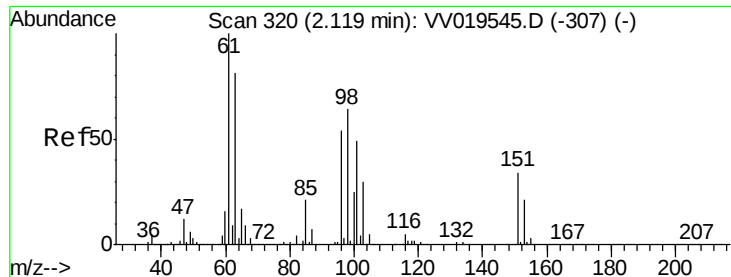
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	259417	55.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.04%
7) Chloroethane-d5	1.57	69	211587	57.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.84%
11) 1,1-Dichloroethene-d2	2.11	63	365044	42.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.20%
21) 2-Butanone-d5	3.89	46	290207	114.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.28%
24) Chloroform-d	4.35	84	437553	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.92%
26) 1,2-Dichloroethane-d4	5.04	65	305083	55.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.88%
32) Benzene-d6	5.05	84	895333	55.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.78%
36) 1,2-Dichloropropane-d6	6.07	67	279369	55.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.36%
41) Toluene-d8	7.32	98	790120	54.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.58%
43) trans-1,3-Dichloropropene-	7.62	79	141976	49.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.48%
47) 2-Hexanone-d5	8.09	63	217104	110.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.24%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	358500	52.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.64%
64) 1,2-Dichlorobenzene-d4	11.63	152	284071	55.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.08%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3206	0.848 ug/L #	23
13) Acetone	2.19	43	9478	4.381 ug/L	73
46) Tetrachloroethene	7.98	164	3745	1.167 ug/L	93
49) Dibromochloromethane	7.98	129	3636	0.763 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	36816	6.457 ug/L #	86

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



#10

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

Concen: 0.848 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

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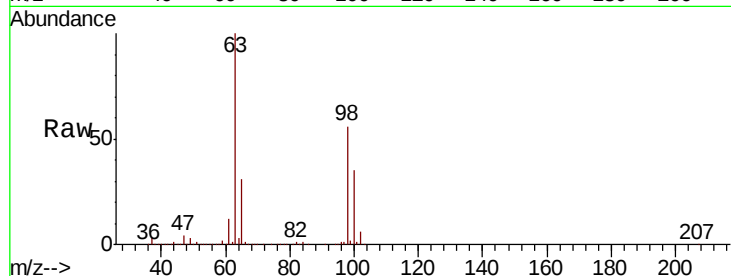
Tot Ion:101 Resp: 3206

Ion Ratio Lower Upper

101 100

85 1.9 35.0 52.4#

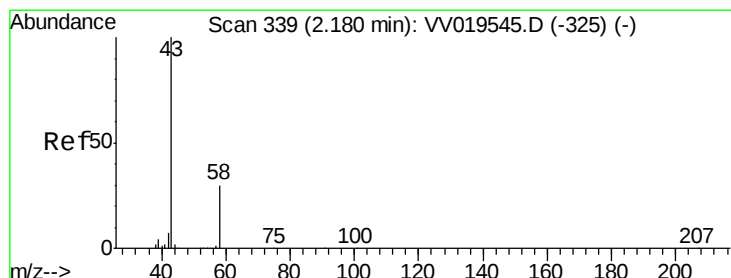
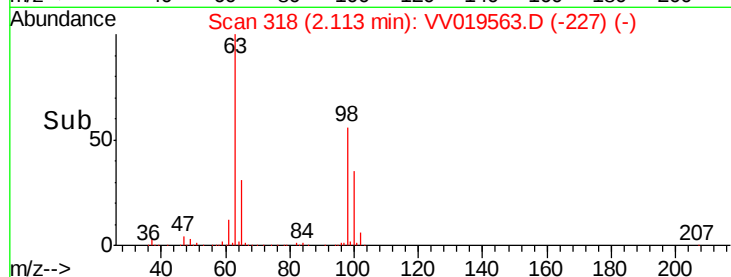
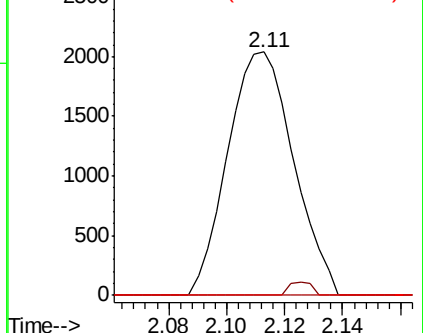
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019563.D (-227) (-)

Ion 85.00 (84.70 to 85.70): VV019563.D (-227) (-)

Ion 151.00 (150.70 to 151.70): VV019563.D (-227) (-)



#13

Acetone

Concen: 4.381 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV019563.D

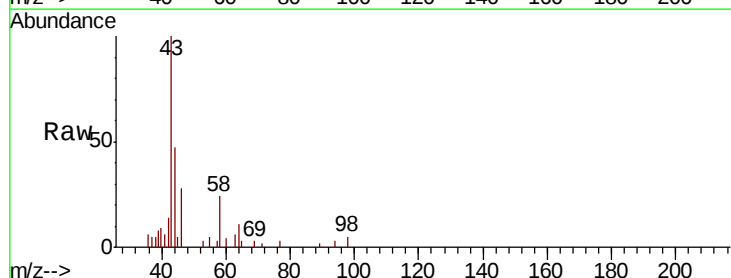
Acq: 12 Dec 2020 18:05

Tgt Ion: 43 Resp: 9478

Ion Ratio Lower Upper

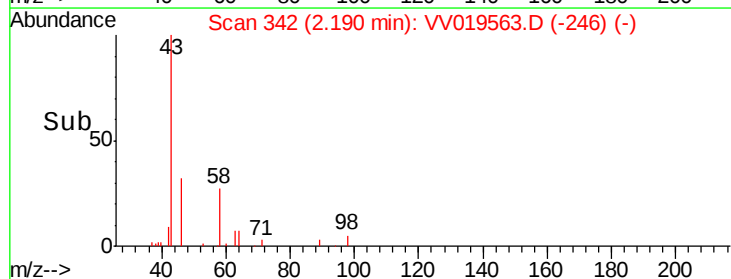
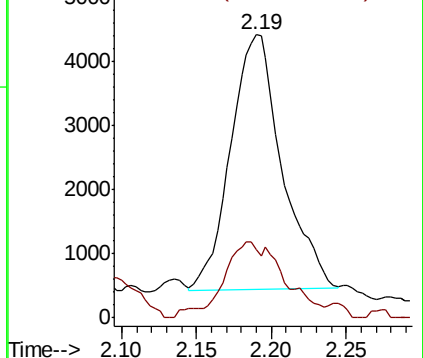
43 100

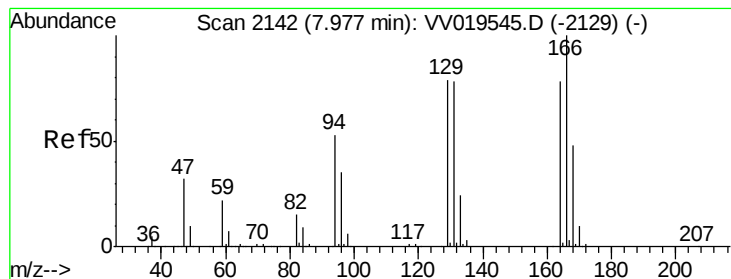
58 16.1 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV019563.D (-246) (-)

Ion 58.00 (57.70 to 58.70): VV019563.D (-246) (-)





#46

Tetrachloroethene

Concen: 1.167 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019563.D

Acq: 12 Dec 2020 18:05

Instrument :

MSVOA_V

ClientSampleId :

BG4H7

Tot Ion:164 Resp: 3745

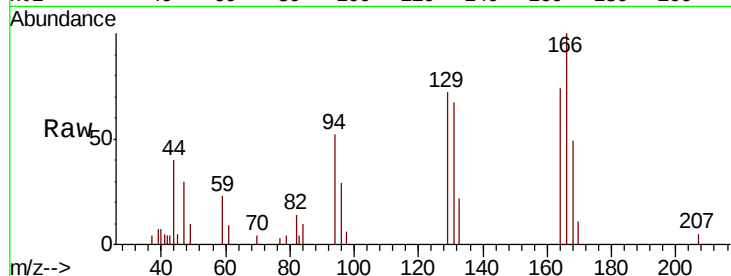
Ion Ratio Lower Upper

164 100

129 96.3 70.6 131.0

131 90.1 68.0 126.4

166 134.3 86.9 161.5

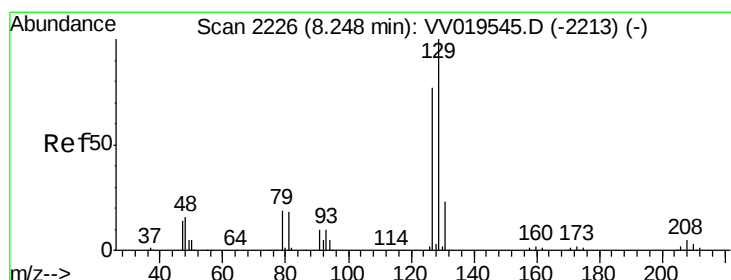
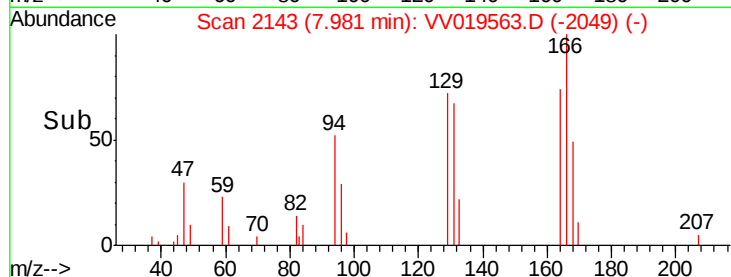
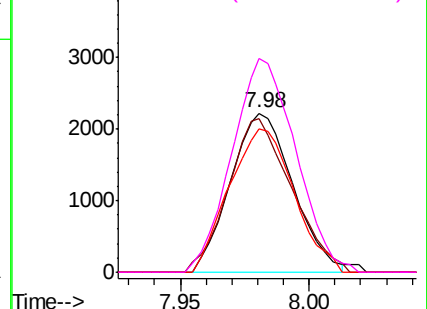


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 0.763 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. -0.27 min

Lab File: VV019563.D

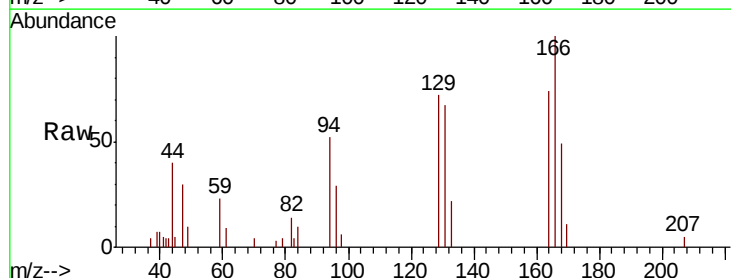
Acq: 12 Dec 2020 18:05

Tgt Ion:129 Resp: 3636

Ion Ratio Lower Upper

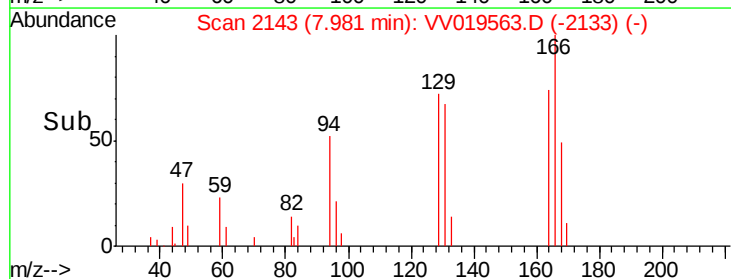
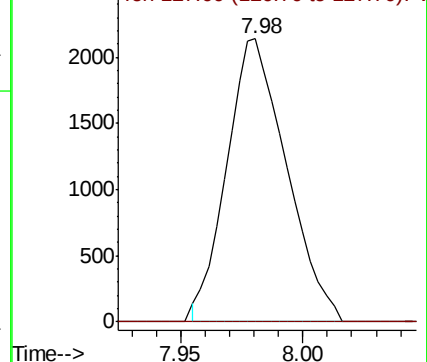
129 100

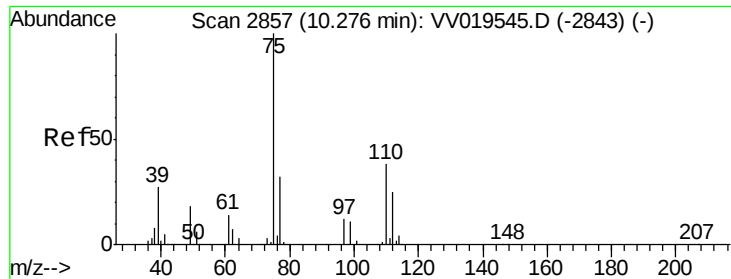
127 0.0 54.2 100.6#



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: 6.457 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019563.D

Acq: 12 Dec 2020 18:05

Instrument :

MSVOA_V

ClientSampleId :

BG4H7

Tot Ion: 75 Resp: 36816

Ion Ratio Lower Upper

75 100

77 40.2 25.8 38.8#

