

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019699.D
 Acq On : 18 Dec 2020 14:56
 Operator : SY/MD
 Sample : L5099-05 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q0

Quant Time: Dec 19 05:28:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	596119	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	557075	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	257370	50.00	ug/L	0.00

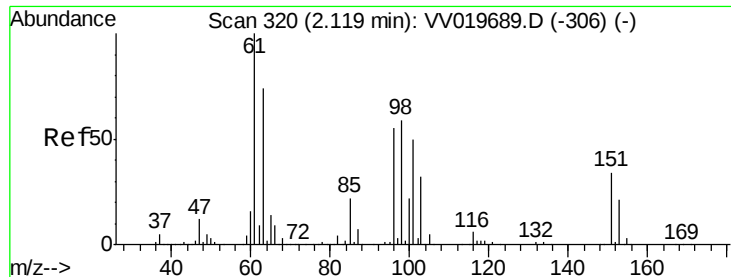
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	201847	47.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.44%
7) Chloroethane-d5	1.57	69	169173	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.36%
11) 1,1-Dichloroethene-d2	2.11	63	296961	37.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.86%
21) 2-Butanone-d5	3.89	46	314551	135.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.38%#
24) Chloroform-d	4.35	84	378338	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
26) 1,2-Dichloroethane-d4	5.04	65	266087	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.70%
32) Benzene-d6	5.05	84	773425	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
36) 1,2-Dichloropropane-d6	6.07	67	247463	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.34%
41) Toluene-d8	7.32	98	681480	50.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.88%
43) trans-1,3-Dichloropropene-	7.62	79	118993	44.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.90%
47) 2-Hexanone-d5	8.09	63	216865	118.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.72%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	312440	49.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	11.63	152	245562	51.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.08%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2446	0.707 ug/L #	22
46) Tetrachloroethene	7.98	164	8432	2.833 ug/L	96
48) 2-Hexanone	8.09	43	27171	5.838 ug/L #	71
49) Dibromochloromethane	7.98	129	8504	1.923 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	35499	6.712 ug/L #	88

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



#10

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

Concen: 0.707 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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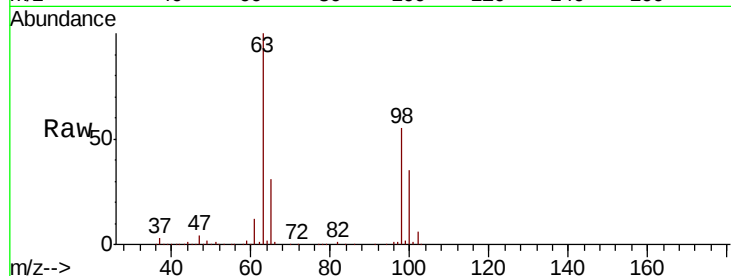
Tot Ion:101 Resp: 2446

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

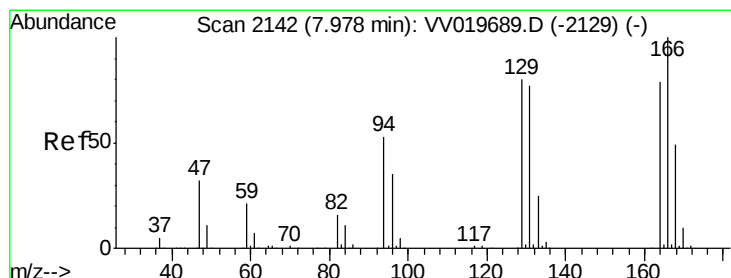
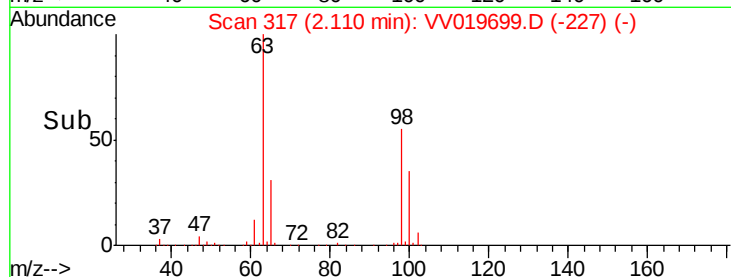
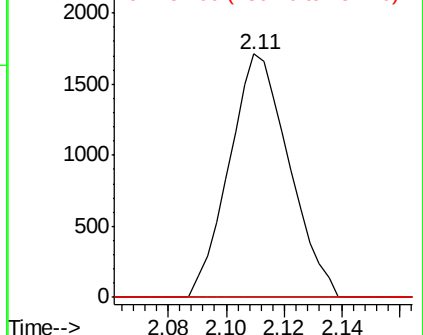
151 0.0 55.8 83.8#



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



#46

Tetrachloroethene

Concen: 2.833 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019699.D

Acq: 18 Dec 2020 14:56

Tgt Ion:164 Resp: 8432

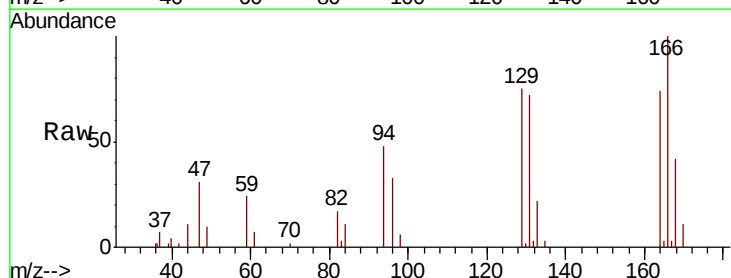
Ion Ratio Lower Upper

164 100

129 101.4 70.6 131.0

131 96.5 68.0 126.4

166 134.5 86.9 161.5

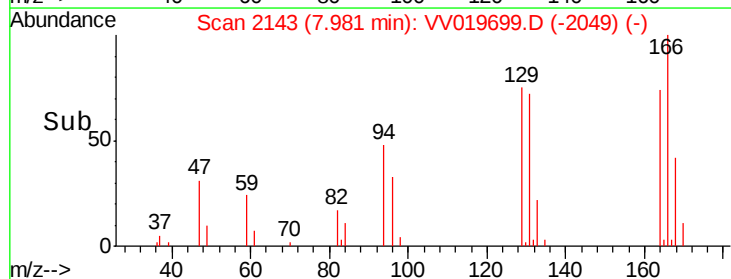
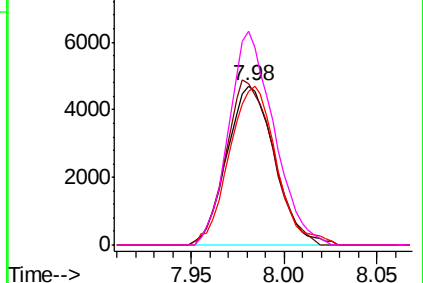


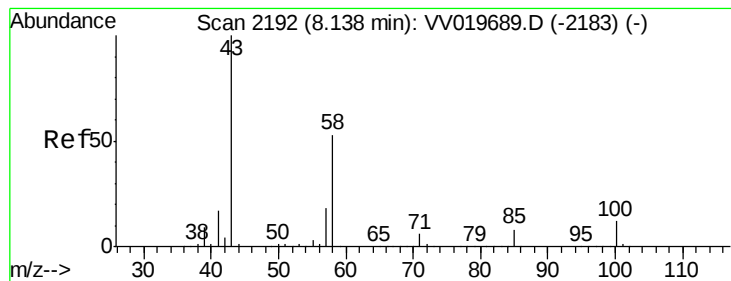
Abundance Ion 164.00 (163.70 to 164.70): V

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





#48

2-Hexanone

Concen: 5.838 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019699.D

Acq: 18 Dec 2020 14:56

Instrument :

MSVOA_V

ClientSampleId :

BG4Q0

Tot Ion: 43 Resp: 27171

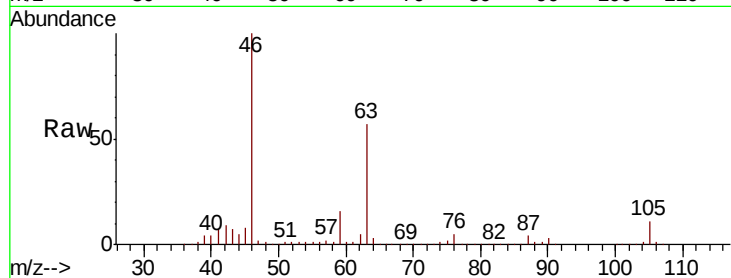
Ion Ratio Lower Upper

43 100

58 29.4 44.4 66.6#

57 24.4 15.7 23.5#

100 0.3 9.9 14.9#

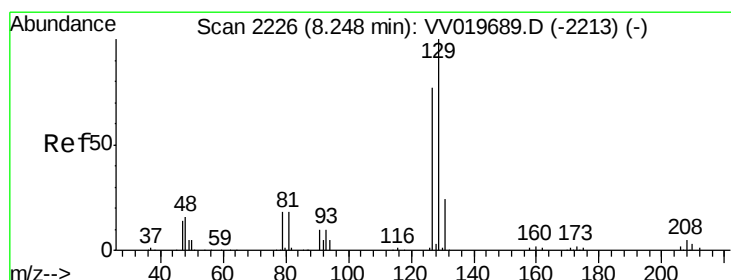
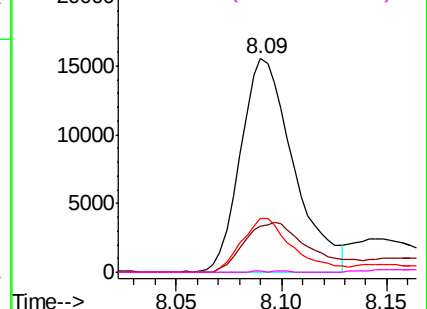
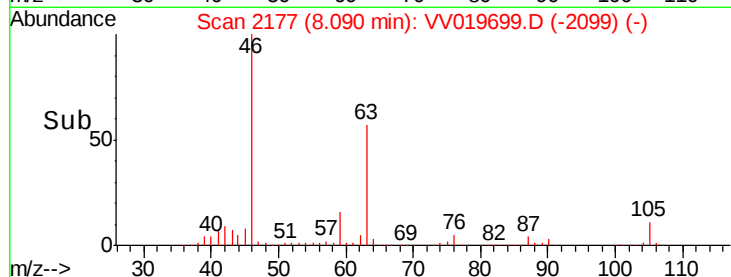


Abundance Ion 43.00 (42.70 to 43.70): VV019689.D (-2183) (-)

Ion 58.00 (57.70 to 58.70): VV019689.D (-2183) (-)

Ion 57.00 (56.70 to 57.70): VV019689.D (-2183) (-)

Ion 100.00 (99.70 to 100.70): VV019689.D (-2183) (-)



#49

Dibromochloromethane

Concen: 1.923 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. -0.27 min

Lab File: VV019699.D

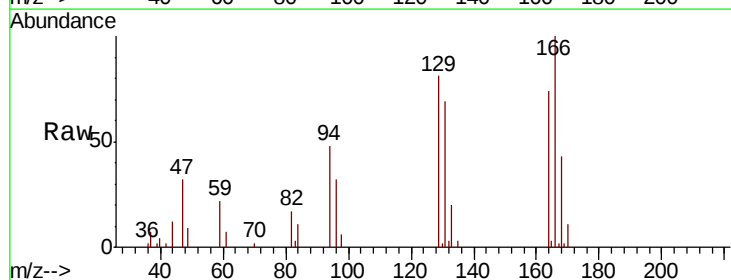
Acq: 18 Dec 2020 14:56

Tgt Ion: 129 Resp: 8504

Ion Ratio Lower Upper

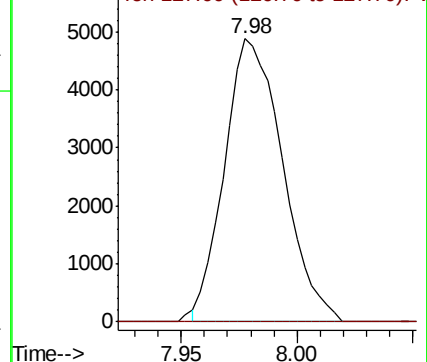
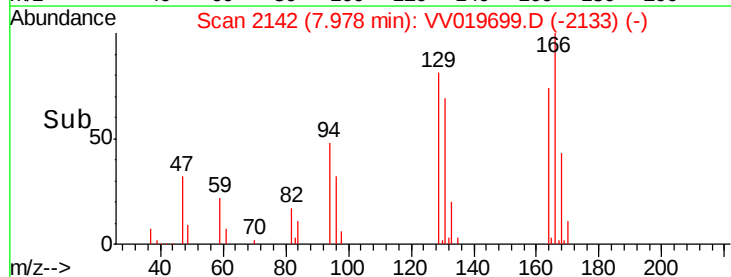
129 100

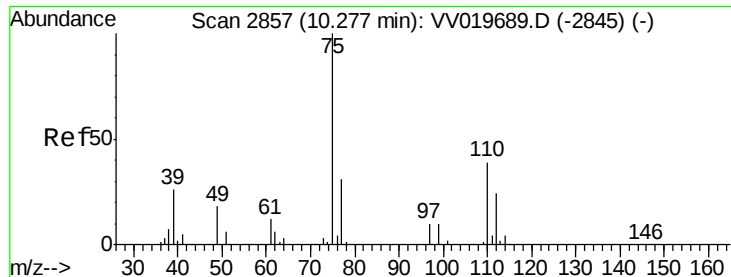
127 0.0 54.2 100.6#



Abundance Ion 129.00 (128.70 to 129.70): VV019689.D (-2213) (-)

Ion 127.00 (126.70 to 127.70): VV019689.D (-2213) (-)





#59

1,2,3-Trichloropropane

Concen: 6.712 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019699.D

Acq: 18 Dec 2020 14:56

Instrument :

MSVOA_V

ClientSampleId :

BG4Q0

Tot Ion: 75 Resp: 35499

Ion Ratio Lower Upper

75 100

77 39.0 25.8 38.8#

