

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017891.D
 Acq On : 10 Aug 2020 12:24
 Operator : SY/MD
 Sample : L3579-09ME
 Misc : 5.80g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWP4ME

Quant Time: Aug 11 01:19:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276694	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267228	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	132286	50.00	ug/L	0.00

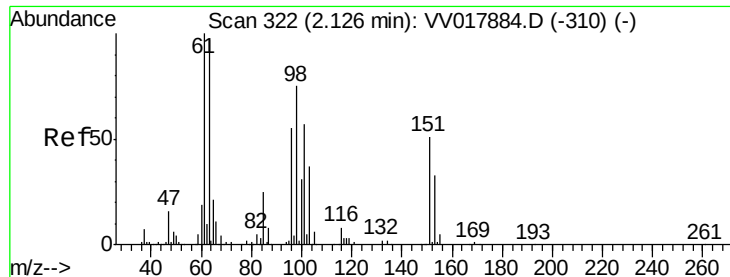
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	61607	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.22%
7) Chloroethane-d5	1.57	69	48512	39.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.92%
11) 1,1-Dichloroethene-d2	2.00	63	80	0.02	ug/L	-0.12
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	3.93	46	64258	71.81	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.81%
24) Chloroform-d	4.37	84	162612	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.05	65	125703	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
32) Benzene-d6	5.07	84	283517	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
36) 1,2-Dichloropropane-d6	6.09	67	72188	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.28%
41) Toluene-d8	7.34	98	279831	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	7.64	79	50986	50.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.20%
47) 2-Hexanone-d5	8.14	63	48091	84.86	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.86%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	102822	42.16	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	125153	46.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.82%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	1155	0.653 ug/L #	15
16) Methylene chloride	2.51	84	1891	1.103 ug/L	86
46) Tetrachloroethene	8.00	164	10892	6.053 ug/L	97
49) Dibromochloromethane	8.00	129	9465	4.890 ug/L #	12
59) 1,2,3-Trichloropropane	11.28	75	11291	5.305 ug/L #	76

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



#10

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

Concen: 0.653 ug/L

RT: 2.09 min Scan# 312

Delta R.T. -0.03 min

Lab File: VV017891.D

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Instrument :

MSVOA_V

ClientSampled :

BFWP4ME

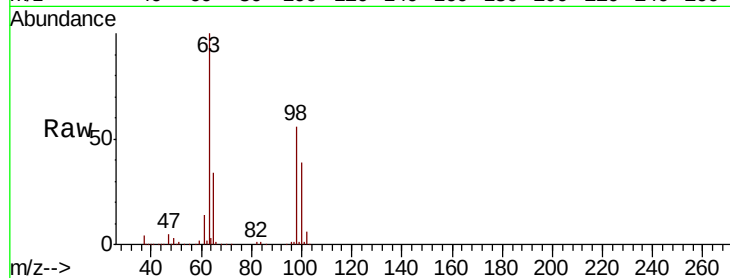
Tot Ion:101 Resp: 1155

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

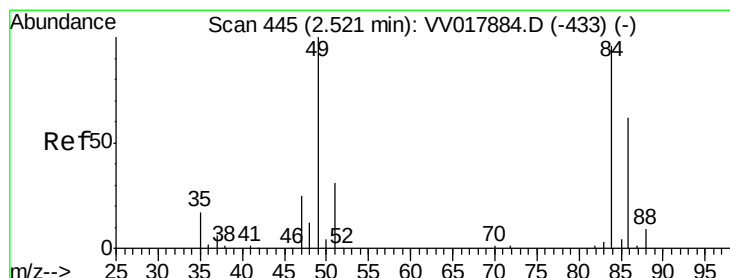
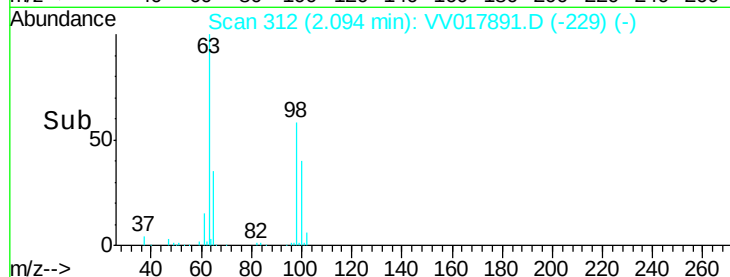
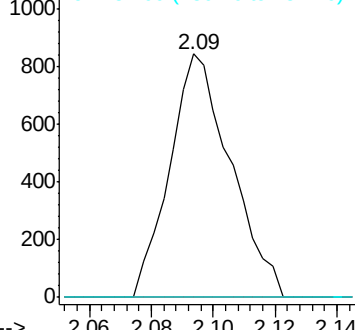
151 1.7 71.0 106.6#



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



#16

Methylene chloride

Concen: 1.103 ug/L

RT: 2.51 min Scan# 442

Delta R.T. -0.01 min

Lab File: VV017891.D

Acq: 10 Aug 2020 12:24

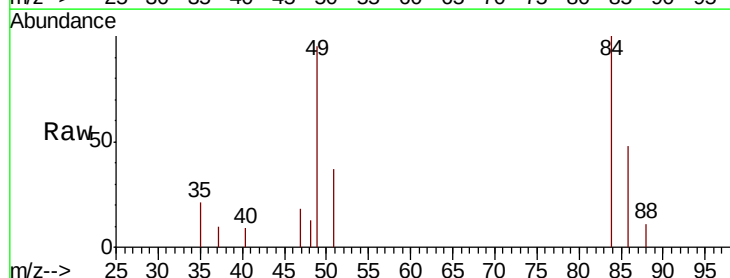
Tgt Ion: 84 Resp: 1891

Ion Ratio Lower Upper

84 100

86 48.3 46.2 85.8

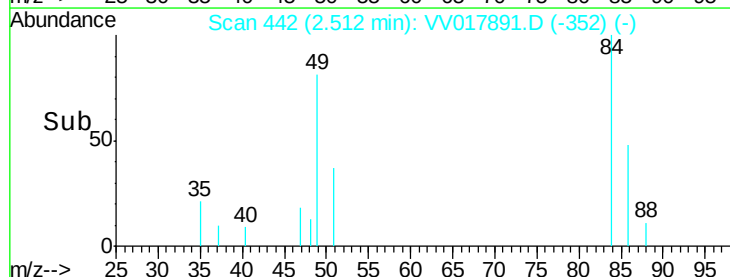
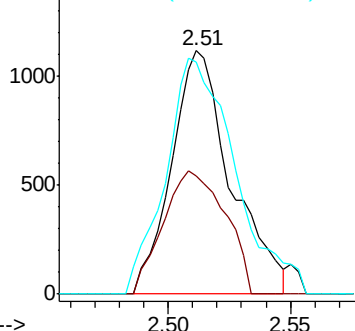
49 95.2 73.6 136.6

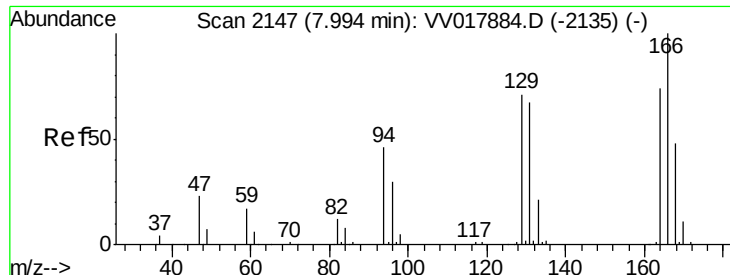


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#46

Tetrachloroethene

Concen: 6.053 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017891.D

Acq: 10 Aug 2020 12:24

Instrument :

MSVOA_V

ClientSampleId :

BFWP4ME

Tot Ion:164 Resp: 10892

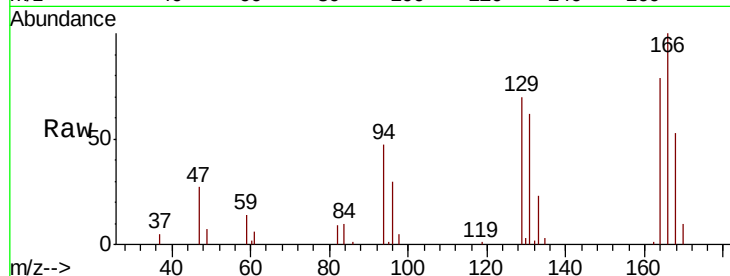
Ion Ratio Lower Upper

164 100

129 89.7 61.6 114.4

131 79.3 59.6 110.8

166 127.4 87.2 161.9

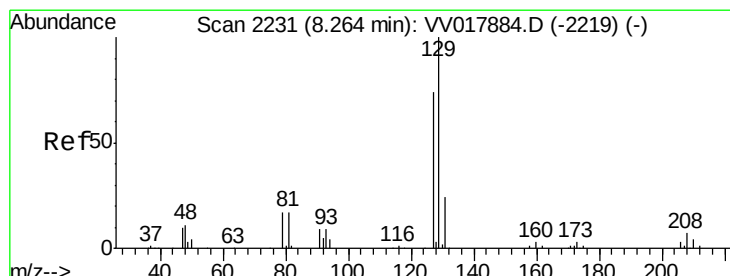
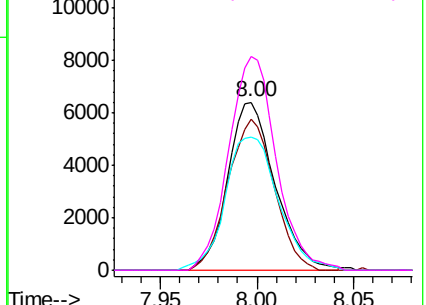
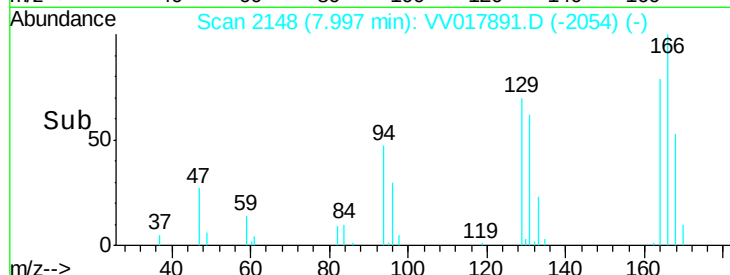


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.890 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017891.D

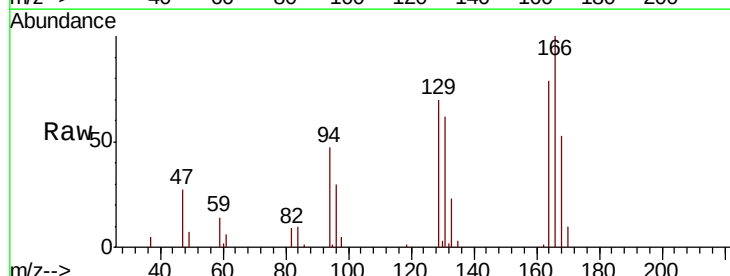
Acq: 10 Aug 2020 12:24

Tgt Ion:129 Resp: 9465

Ion Ratio Lower Upper

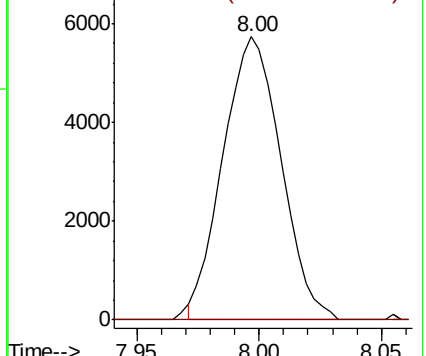
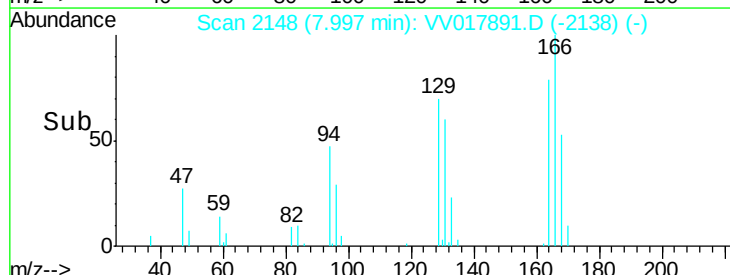
129 100

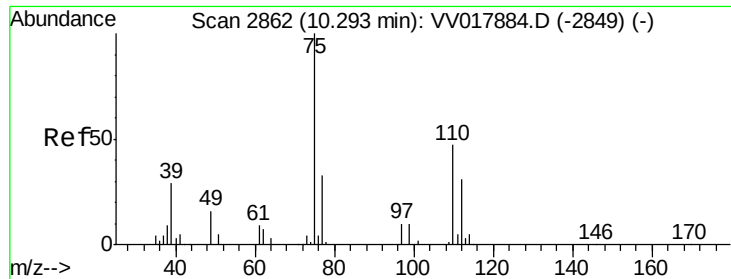
127 0.0 53.1 98.5#



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: 5.305 ug/L

RT: 11.28 min Scan# 3168

Delta R.T. 0.98 min

Lab File: VV017891.D

Acq: 10 Aug 2020 12:24

Instrument :

MSVOA_V

ClientSampleId :

BFWP4ME

Tot Ion: 75 Resp: 11291

Ion Ratio Lower Upper

75 100

77 46.7 26.4 39.6#

