

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018645.D
 Acq On : 02 Oct 2020 23:08
 Operator : SY/MD
 Sample : L4254-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3S6

Quant Time: Oct 03 02:11:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 02:08:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	293072	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	291464	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143397	50.00	ug/L	0.00

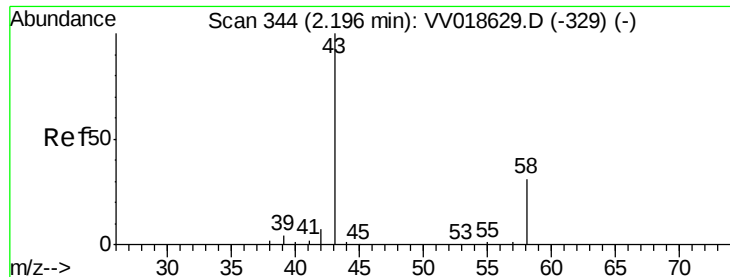
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	75842	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.24%
7) Chloroethane-d5	1.57	69	68506	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.12	63	124391	35.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.04%
21) 2-Butanone-d5	3.90	46	102981	80.32	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.32%
24) Chloroform-d	4.37	84	158065	42.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.06%
26) 1,2-Dichloroethane-d4	5.05	65	105158	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
32) Benzene-d6	5.07	84	300226	40.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.34%
36) 1,2-Dichloropropane-d6	6.09	67	92337	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.78%
41) Toluene-d8	7.34	98	271546	39.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.20%#
43) trans-1,3-Dichloropropene-	7.64	79	44562	36.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.96%
47) 2-Hexanone-d5	8.11	63	53546	63.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	63.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	104355	35.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	121996	44.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.48%

Target Compounds

					Ovalue
13) Acetone	2.18	43	11428	10.317	ug/L 95
39) cis-1,3-Dichloropropene	7.00	75	2841	0.824	ug/L # 60
46) Tetrachloroethene	8.00	164	12630	6.262	ug/L 94
48) 2-Hexanone	8.16	43	12927	5.845	ug/L # 74
49) Dibromochloromethane	8.00	129	11117	4.469	ug/L # 11
59) 1,2,3-Trichloropropane	11.27	75	15200	5.688	ug/L # 88

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



#13

Acetone

Concen: 10.317 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.02 min

Lab File: VV018645.D

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Instrument :

MSVOA_V

ClientSampleId :

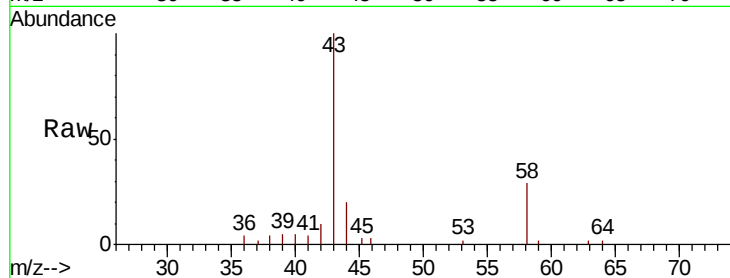
BG3S6

Tot Ion: 43 Resp: 11428

Ion Ratio Lower Upper

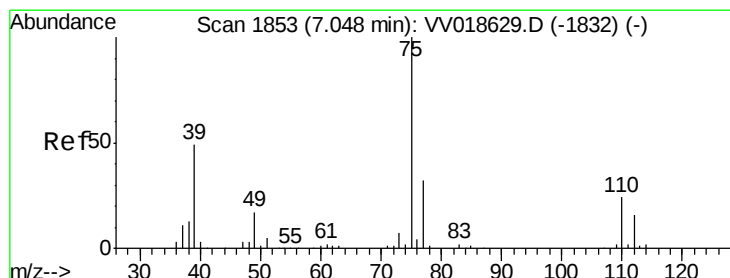
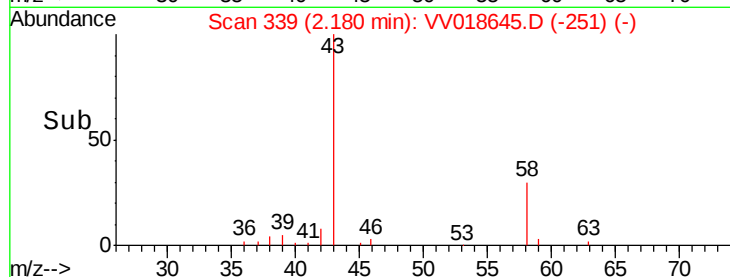
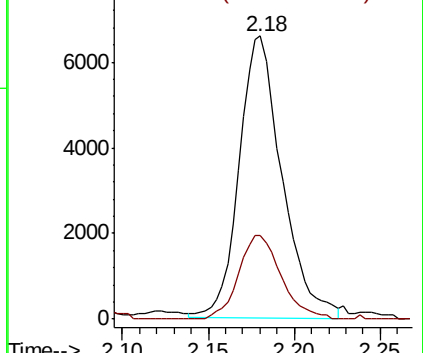
43 100

58 29.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018629.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV018629.D (-329) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.824 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.04 min

Lab File: VV018645.D

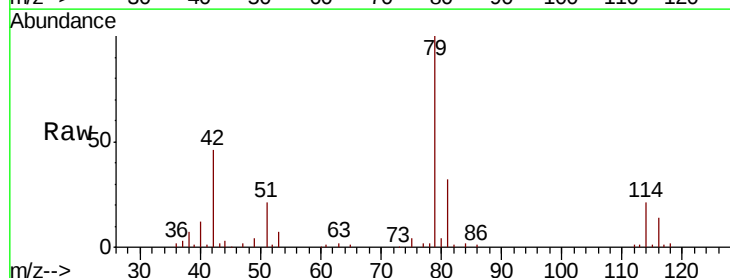
Acq: 02 Oct 2020 23:08

Tgt Ion: 75 Resp: 2841

Ion Ratio Lower Upper

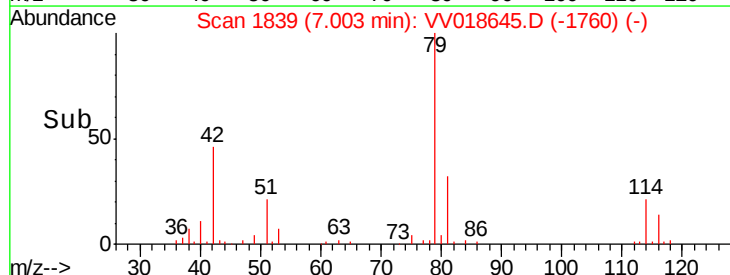
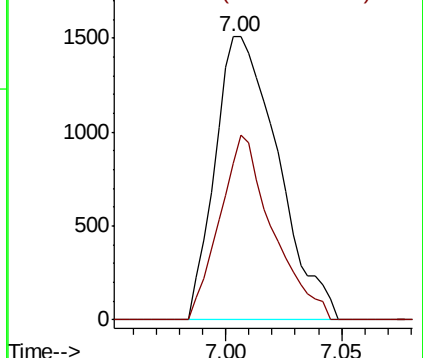
75 100

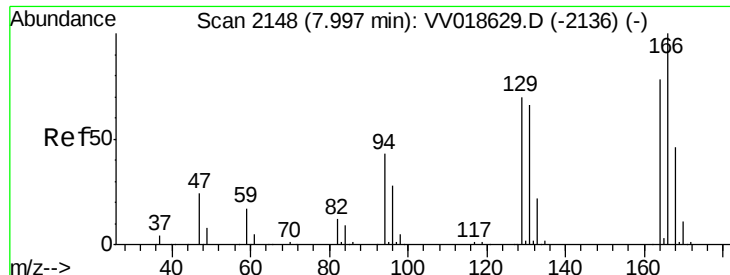
77 55.5 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VV018629.D (-1832) (-)

Ion 77.00 (76.70 to 77.70): VV018629.D (-1832) (-)





#46

Tetrachloroethene

Concen: 6.262 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018645.D

Acq: 02 Oct 2020 23:08

Instrument :

MSVOA_V

ClientSampleId :

BG3S6

Tot Ion:164 Resp: 12630

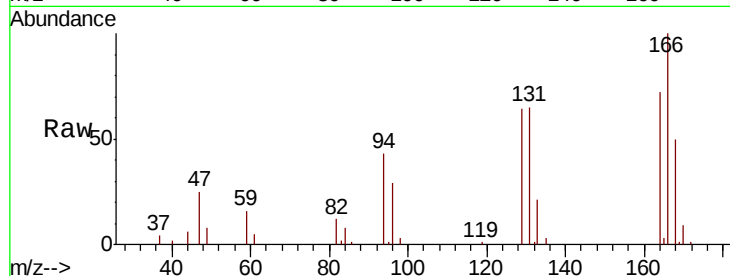
Ion Ratio Lower Upper

164 100

129 88.3 62.8 116.6

131 90.5 60.8 112.8

166 138.5 88.9 165.1

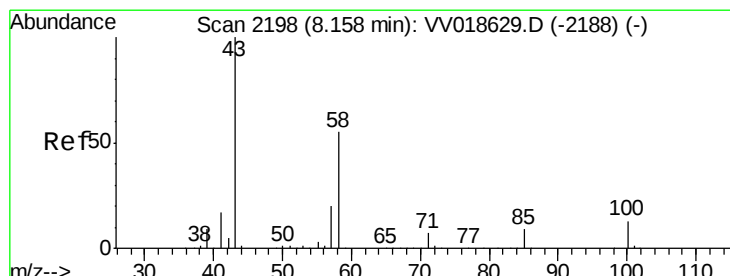
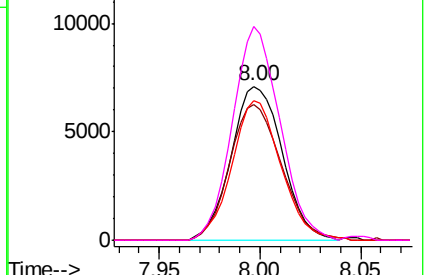
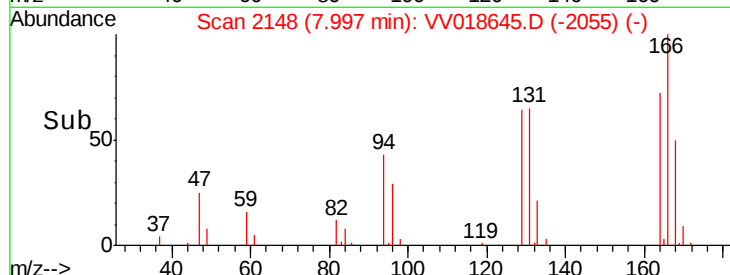


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.845 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018645.D

Acq: 02 Oct 2020 23:08

Tgt Ion: 43 Resp: 12927

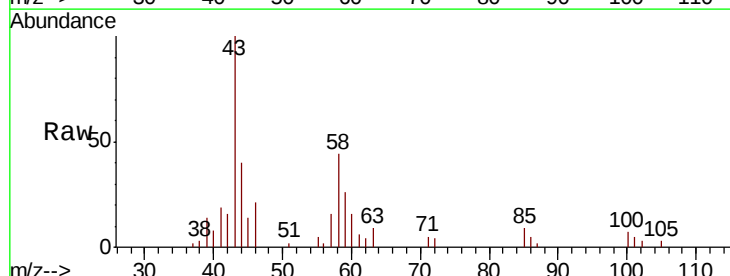
Ion Ratio Lower Upper

43 100

58 39.4 45.1 67.7#

57 3.5 15.7 23.5#

100 5.1 11.0 16.4#

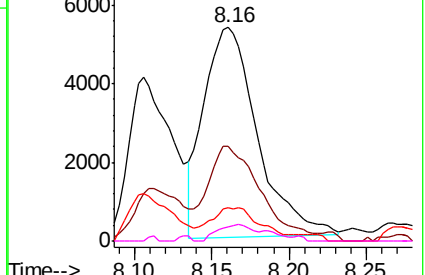
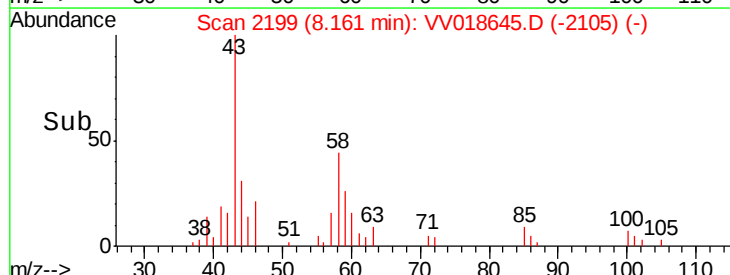


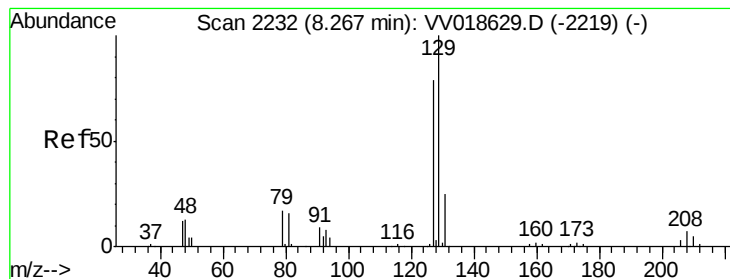
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

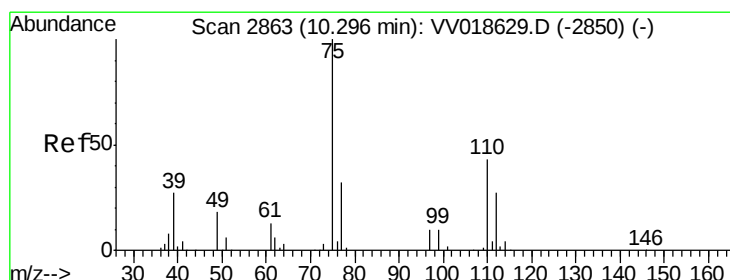
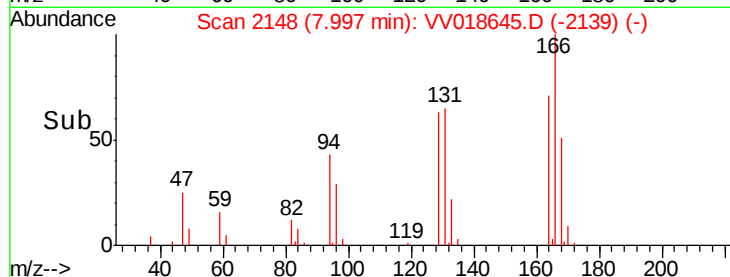
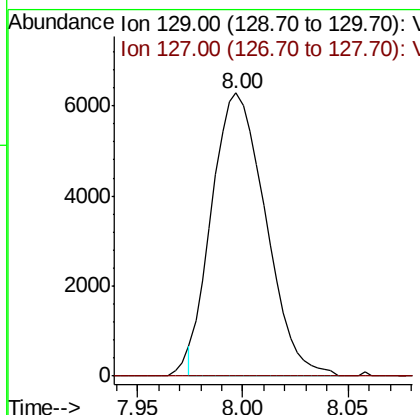
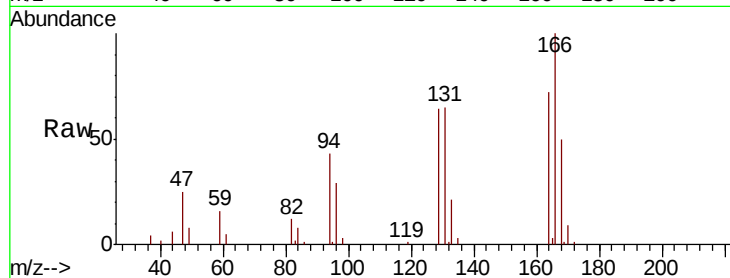




#49
 Dibromochloromethane
 Concen: 4.469 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.27 min
 Lab File: VV018645.D
 Acq: 02 Oct 2020 23:08

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3S6

Tot Ion:129 Resp: 11117
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.1 100.5#



#59
 1,2,3-Trichloropropane
 Concen: 5.688 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018645.D
 Acq: 02 Oct 2020 23:08

Tgt Ion: 75 Resp: 15200
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.4 38.0#

