

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018648.D
 Acq On : 03 Oct 2020 00:19
 Operator : SY/MD
 Sample : L4254-02 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Q6

Quant Time: Oct 03 02:12:06 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	299861	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	296745	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144537	50.00	ug/L	0.00

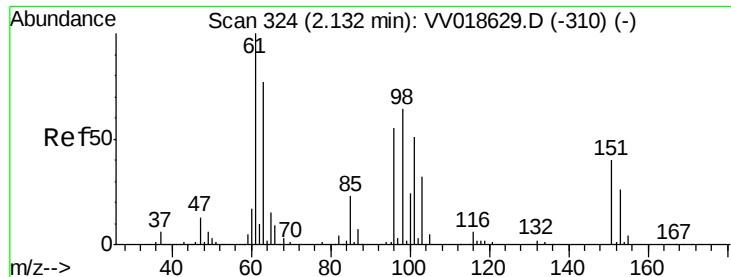
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78508	44.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.28%
7) Chloroethane-d5	1.58	69	68639	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.12	63	126528	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	3.90	46	107991	82.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.32%
24) Chloroform-d	4.38	84	163372	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.92%
26) 1,2-Dichloroethane-d4	5.06	65	112279	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
32) Benzene-d6	5.07	84	313624	41.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.44%
36) 1,2-Dichloropropane-d6	6.09	67	96212	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.72%
41) Toluene-d8	7.34	98	282933	40.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.02%
43) trans-1,3-Dichloropropene-	7.64	79	47041	38.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.68%
47) 2-Hexanone-d5	8.11	63	60697	70.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	117051	38.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	128037	46.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.12%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1295	0.664 ug/L #	17
27) 1,2-Dichloroethane	5.08	62	2032	0.658 ug/L	95
39) cis-1,3-Dichloropropene	7.00	75	3242	0.924 ug/L	83
46) Tetrachloroethene	8.00	164	22962	11.183 ug/L	96
48) 2-Hexanone	8.16	43	9167	4.071 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	16555	6.085 ug/L	90

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



#10

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

Concen: 0.664 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018648.D

Acq: 03 Oct 2020 00:19

Instrument :

MSVOA_V

ClientSampleId :

BG3Q6

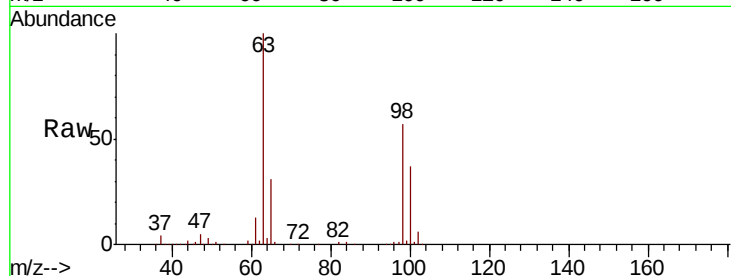
Tot Ion:101 Resp: 1295

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

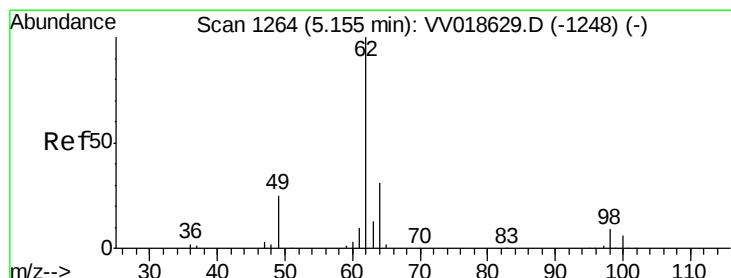
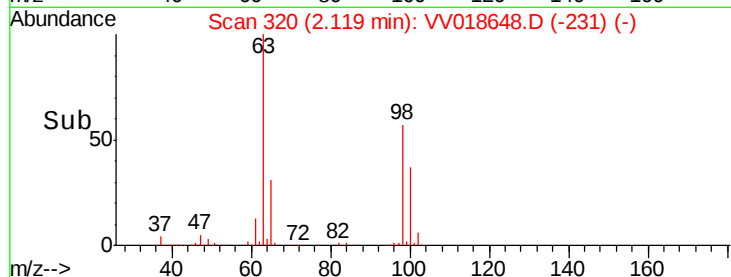
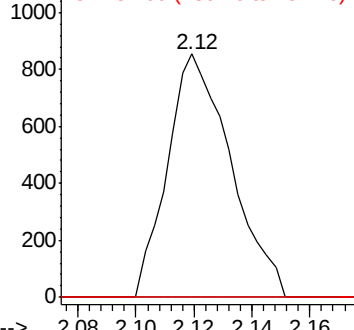
151 0.0 64.3 96.5#



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



#27

1,2-Dichloroethane

Concen: 0.658 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV018648.D

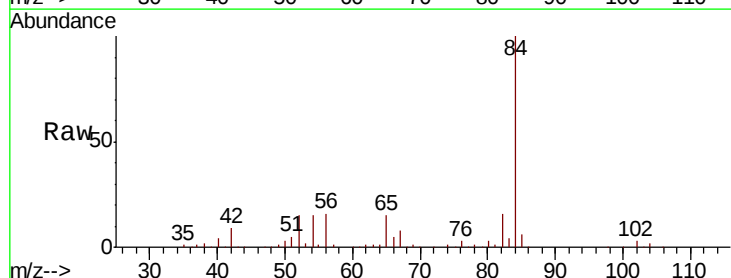
Acq: 03 Oct 2020 00:19

Tgt Ion: 62 Resp: 2032

Ion Ratio Lower Upper

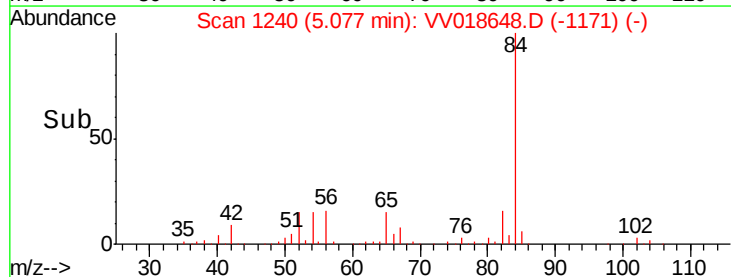
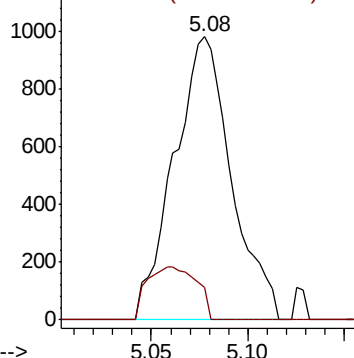
62 100

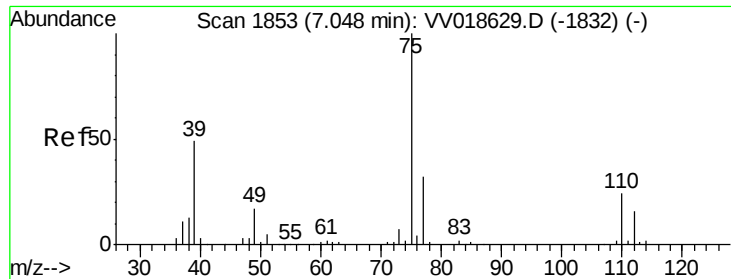
98 11.3 7.7 11.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

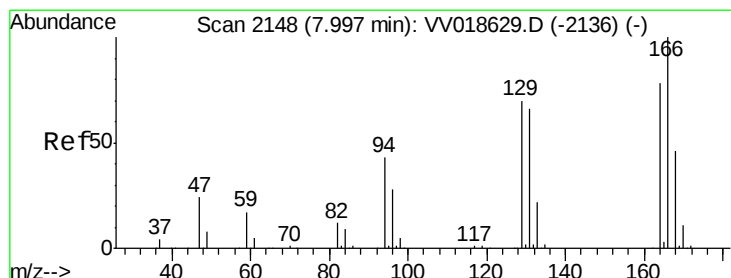
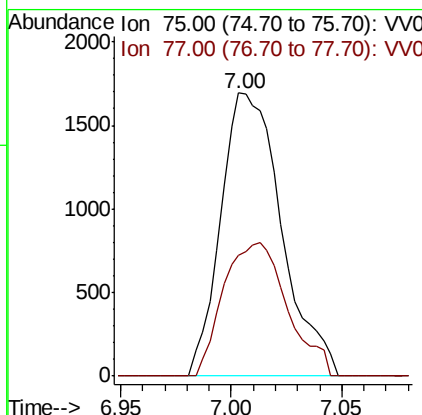
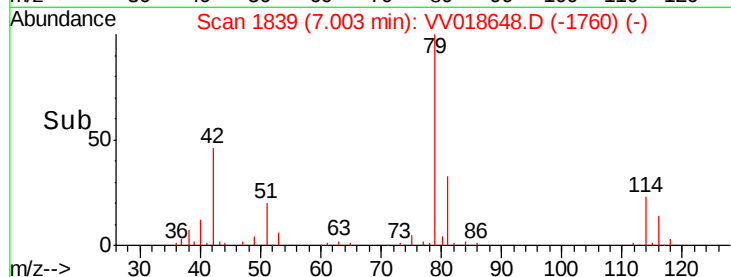
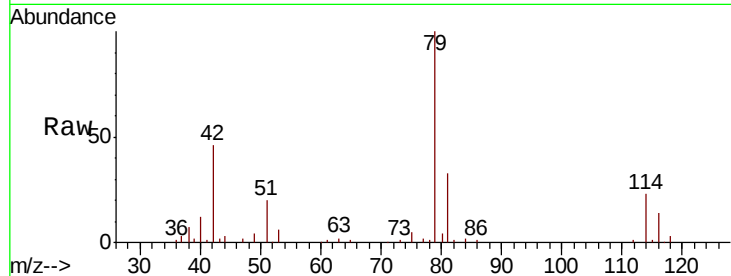




#39
 cis-1,3-Dichloropropene
 Concen: 0.924 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: VV018648.D
 Acq: 03 Oct 2020 00:19

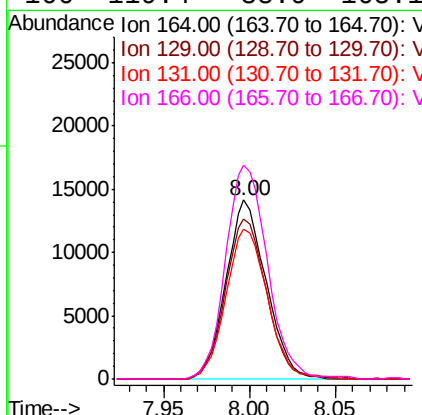
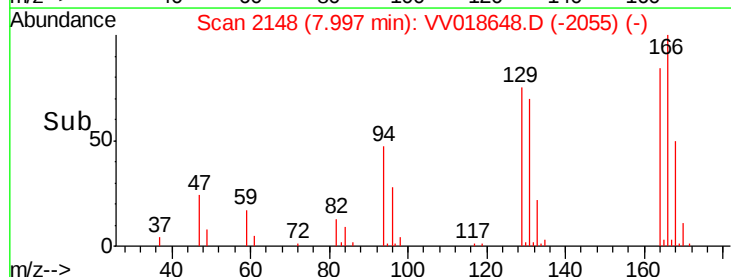
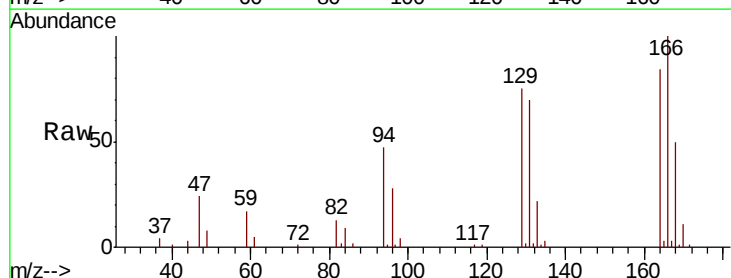
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Q6

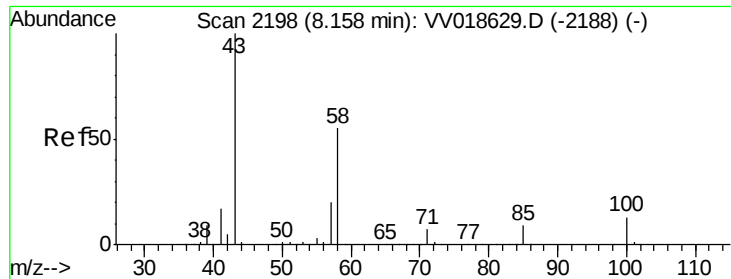
Tot Ion: 75 Resp: 3242
 Ion Ratio Lower Upper
 75 100
 77 42.5 23.0 42.6



#46
 Tetrachloroethene
 Concen: 11.183 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV018648.D
 Acq: 03 Oct 2020 00:19

Tgt Ion: 164 Resp: 22962
 Ion Ratio Lower Upper
 164 100
 129 89.6 62.8 116.6
 131 83.9 60.8 112.8
 166 119.4 88.9 165.1

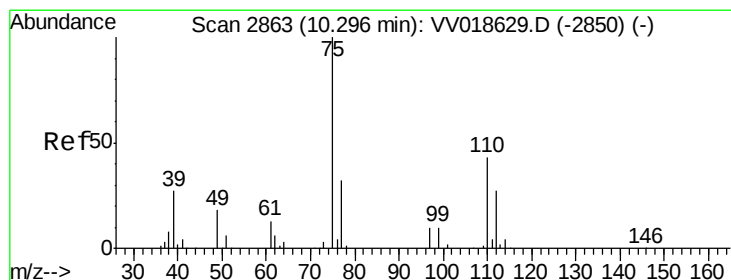
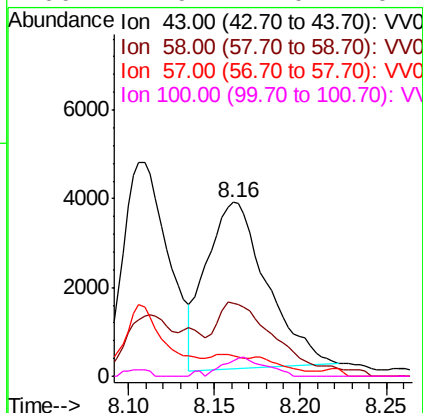
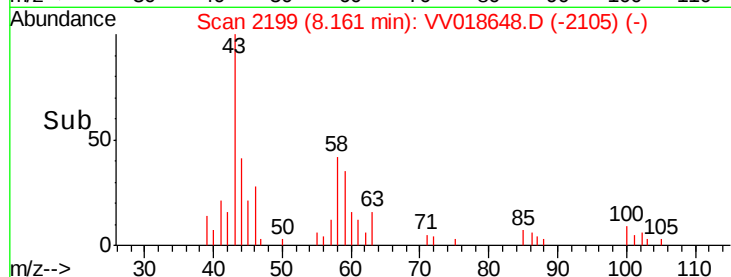
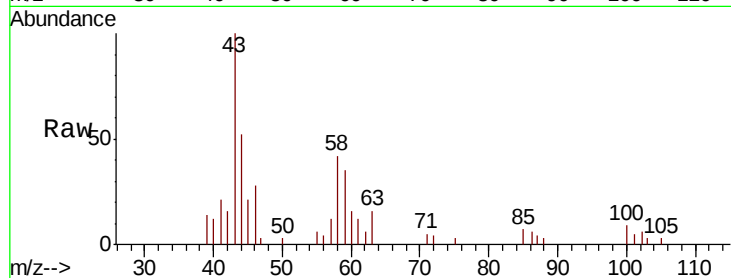




#48
2-Hexanone
Concen: 4.071 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018648.D
Acq: 03 Oct 2020 00:19

Instrument :
MSVOA_V
ClientSampleId :
BG3Q6

Tot Ion: 43 Resp: 9167
Ion Ratio Lower Upper
43 100
58 35.3 45.1 67.7#
57 1.6 15.7 23.5#
100 7.9 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 6.085 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV018648.D
Acq: 03 Oct 2020 00:19

Tgt Ion: 75 Resp: 16555
Ion Ratio Lower Upper
75 100
77 37.3 25.4 38.0

