

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018301.D
 Acq On : 18 Sep 2020 00:01
 Operator : SY/MD
 Sample : L4043-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG1

Quant Time: Sep 18 08:07:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 08:05:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	279041	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	275771	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131881	50.00	ug/L	0.00

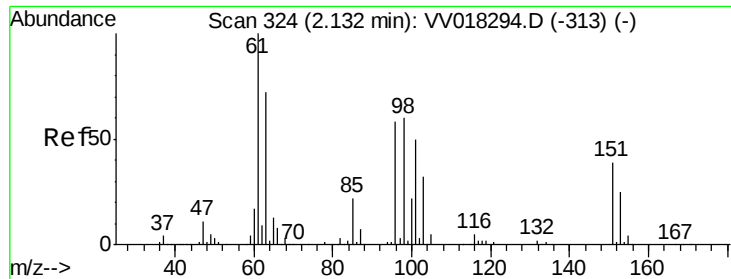
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73726	32.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.84%
7) Chloroethane-d5	1.58	69	67194	36.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.22%
11) 1,1-Dichloroethene-d2	2.12	63	115702	27.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.48%#
21) 2-Butanone-d5	3.92	46	116715	83.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.85%
24) Chloroform-d	4.38	84	158702	40.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.44%
26) 1,2-Dichloroethane-d4	5.06	65	105770	41.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.64%
32) Benzene-d6	5.08	84	310028	39.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.54%
36) 1,2-Dichloropropane-d6	6.09	67	101352	40.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.80%
41) Toluene-d8	7.34	98	274239	38.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.24%#
43) trans-1,3-Dichloropropene-	7.64	79	47775	37.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.96%
47) 2-Hexanone-d5	8.11	63	80892	85.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.13%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135278	42.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	118749	43.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.68%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.13	96	4444	2.426 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	4011	1.987 ug/L	100
34) Trichloroethene	5.94	95	58712	27.335 ug/L	99
35) Methylcyclohexane	6.09	83	24548	7.591 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	11266	5.392 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2577	0.801 ug/L #	49
59) 1,2,3-Trichloropropane	11.27	75	14832	6.036 ug/L #	88

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



#12

1,1-Dichloroethene

Concen: 2.426 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018301.D

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Instrument :

MSVOA_V

ClientSampled :

C0AG1

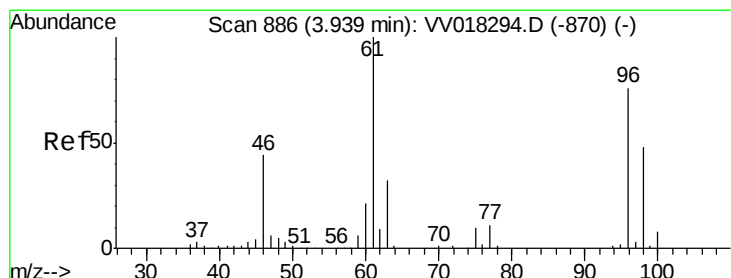
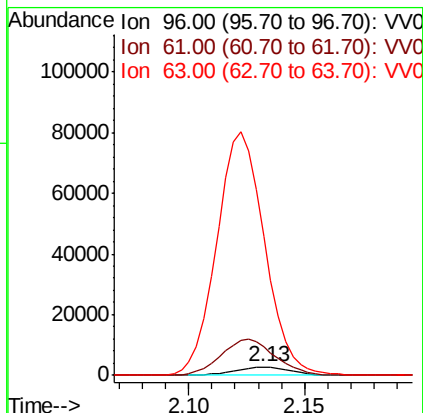
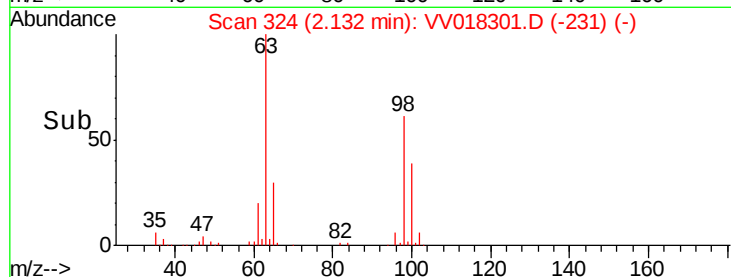
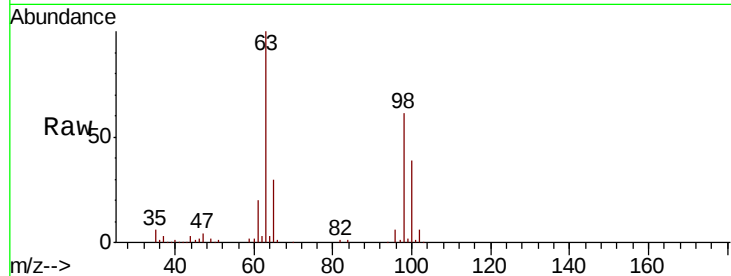
Tot Ion: 96 Resp: 4444

Ion Ratio Lower Upper

96 100

61 334.5 122.9 228.3#

63 1642.1 91.9 170.7#



#20

cis-1,2-Dichloroethene

Concen: 1.987 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018301.D

Acq: 18 Sep 2020 00:01

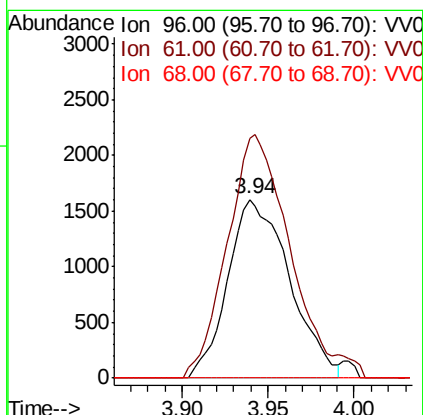
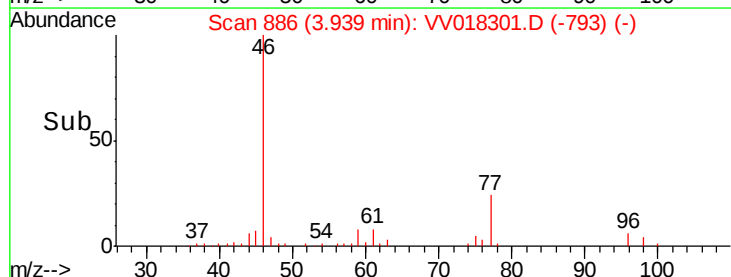
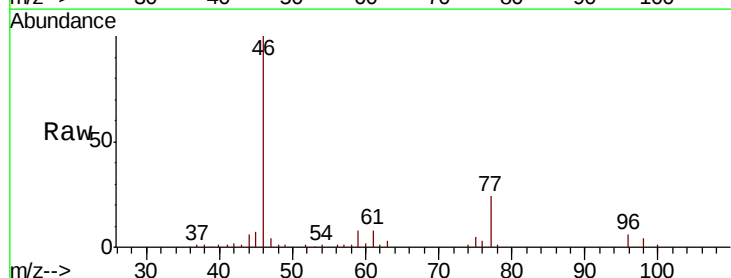
Tgt Ion: 96 Resp: 4011

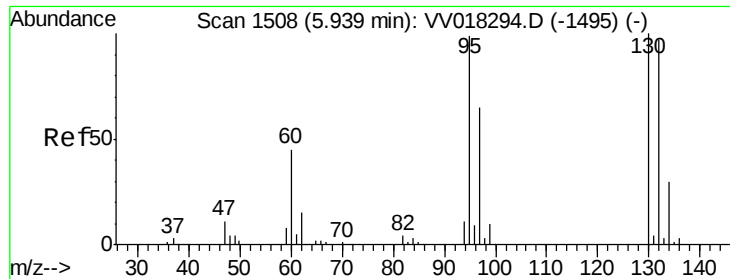
Ion Ratio Lower Upper

96 100

61 134.1 93.6 173.8

68 0.0 0.0 0.0

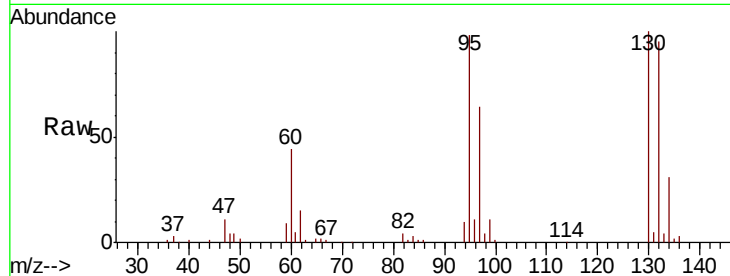




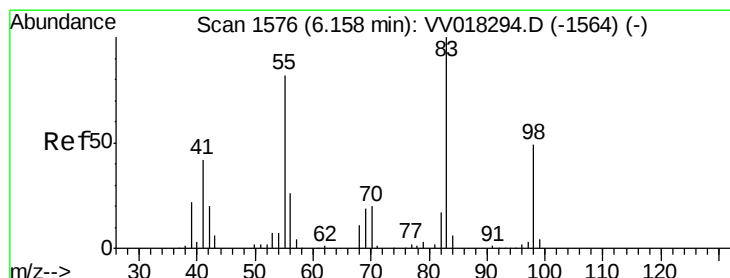
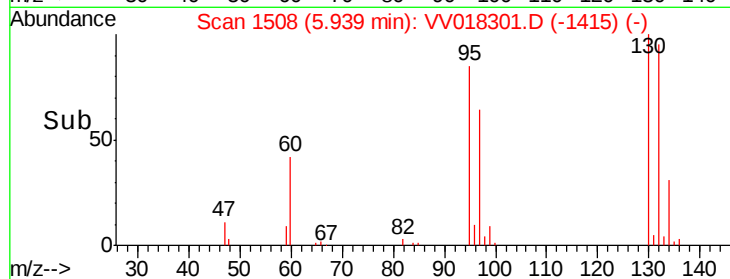
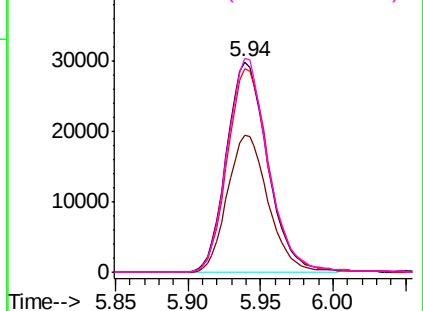
#34
 Trichloroethene
 Concen: 27.335 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV018301.D
 Acq: 18 Sep 2020 00:01

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG1

Tot Ion: 95 Resp: 58712
 Ion Ratio Lower Upper
 95 100
 97 65.3 46.3 85.9
 132 96.6 68.1 126.5
 130 101.6 71.5 132.9

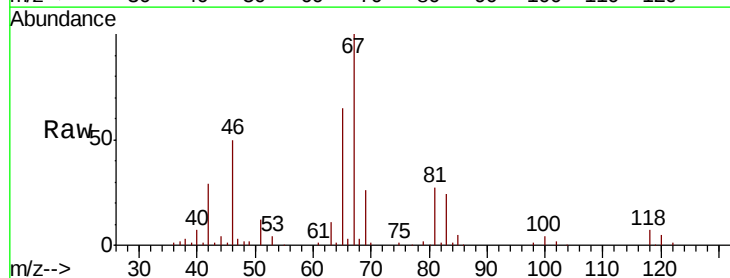


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

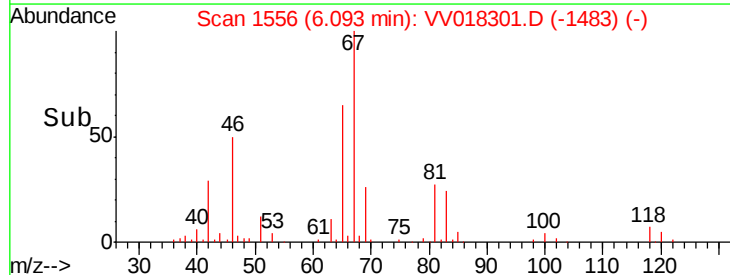
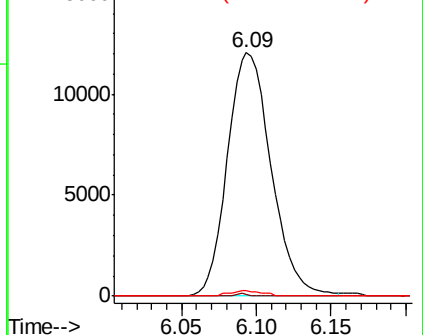


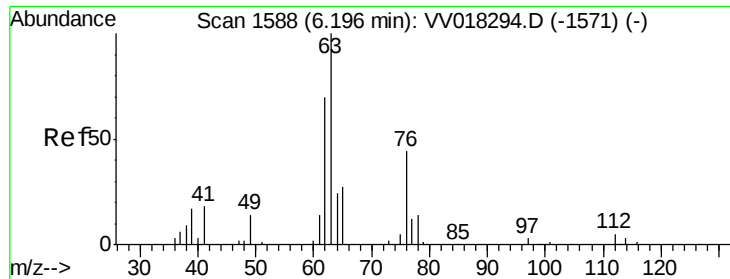
#35
 Methylcyclohexane
 Concen: 7.591 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV018301.D
 Acq: 18 Sep 2020 00:01

Tgt Ion: 83 Resp: 24548
 Ion Ratio Lower Upper
 83 100
 55 0.3 63.4 95.2#
 98 1.4 38.8 58.2#



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

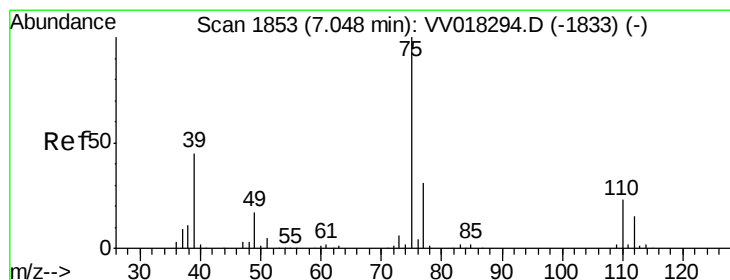
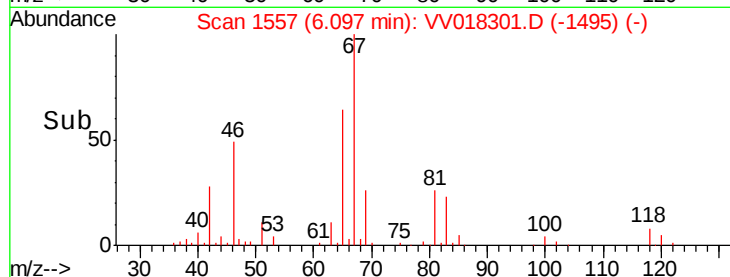
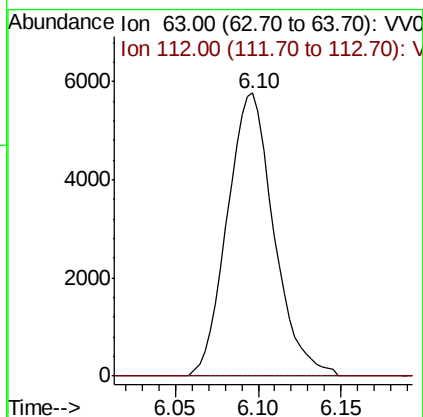
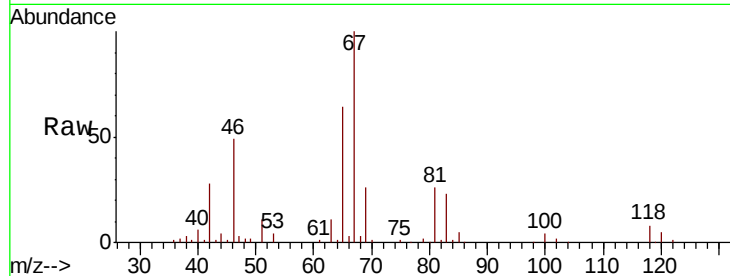




#37
 1,2-Dichloropropane
 Concen: 5.392 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018301.D
 Acq: 18 Sep 2020 00:01

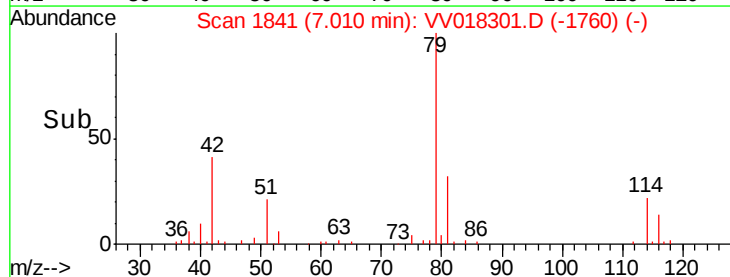
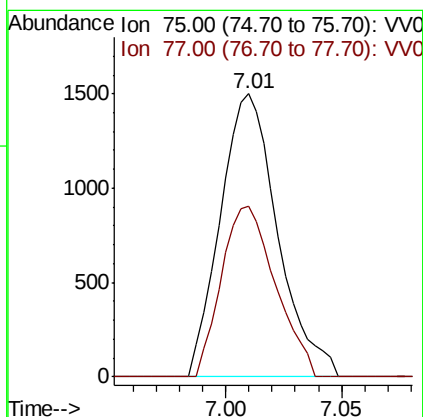
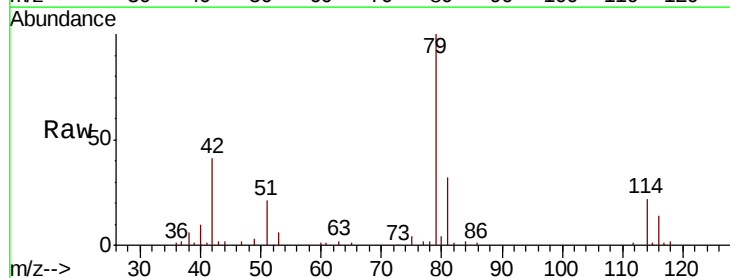
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG1

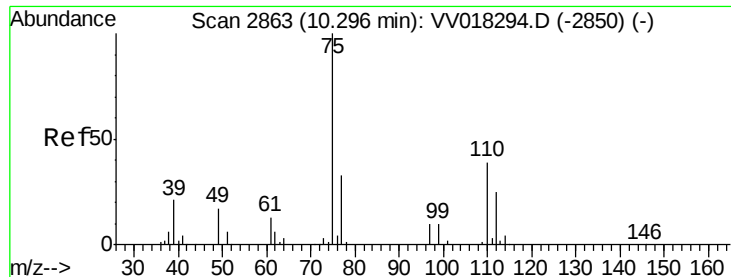
Tot Ion: 63 Resp: 11266
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.801 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018301.D
 Acq: 18 Sep 2020 00:01

Tgt Ion: 75 Resp: 2577
 Ion Ratio Lower Upper
 75 100
 77 60.4 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.036 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018301.D

Acq: 18 Sep 2020 00:01

Instrument :

MSVOA_V

ClientSampleId :

C0AG1

Tot Ion: 75 Resp: 14832

Ion Ratio Lower Upper

75 100

77 38.9 25.8 38.6#

