

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100320\
 Data File : VV018657.D
 Acq On : 03 Oct 2020 16:09
 Operator : SY/MD
 Sample : L4137-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB6

Quant Time: Oct 05 04:57:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 05 04:50:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276300	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308995	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134124	50.00	ug/L	0.00

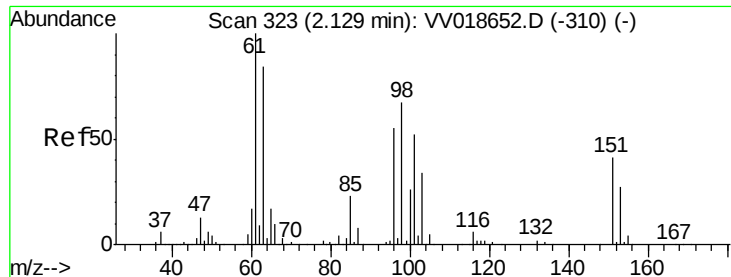
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	74666	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.16%
7) Chloroethane-d5	1.58	69	71845	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.24%
11) 1,1-Dichloroethene-d2	2.12	63	125776	38.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.18%
21) 2-Butanone-d5	3.91	46	99475	82.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.30%
24) Chloroform-d	4.37	84	158989	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
26) 1,2-Dichloroethane-d4	5.06	65	109046	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.04%
32) Benzene-d6	5.07	84	305738	39.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.12%
36) 1,2-Dichloropropane-d6	6.09	67	96767	40.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.84%
41) Toluene-d8	7.34	98	277387	37.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.34%#
43) trans-1,3-Dichloropropene-	7.64	79	47274	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.00%
47) 2-Hexanone-d5	8.11	63	54109	60.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	60.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	110554	35.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	121124	46.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.92%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1374	0.764 ug/L #	17
20) cis-1,2-Dichloroethene	3.94	96	5884	2.805 ug/L	95
34) Trichloroethene	5.94	95	869543	329.941 ug/L	99
37) 1,2-Dichloropropane	6.09	63	11718	5.031 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3069	0.840 ug/L #	69
48) 2-Hexanone	8.16	43	7756	3.308 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	14362	5.070 ug/L #	85

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



#10

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

Concen: 0.764 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

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E0AB6

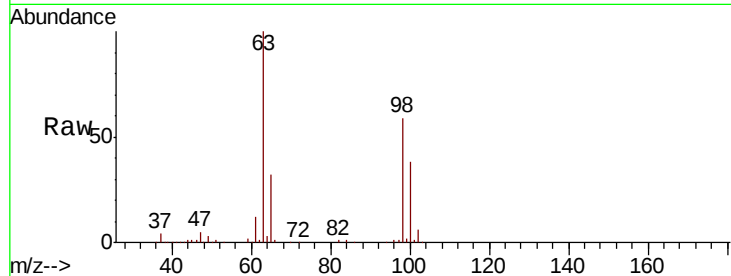
Tot Ion:101 Resp: 1374

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

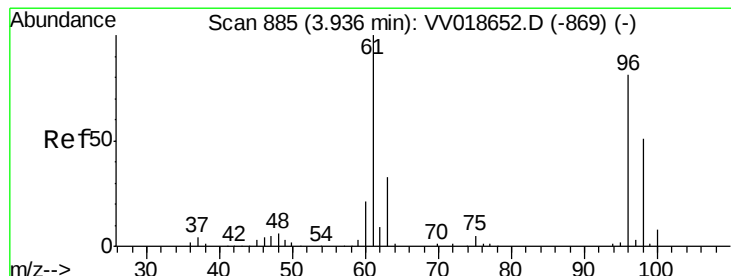
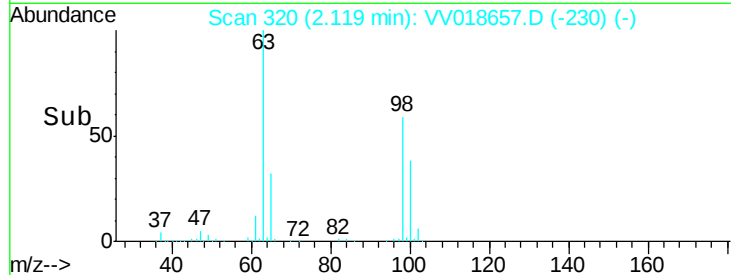
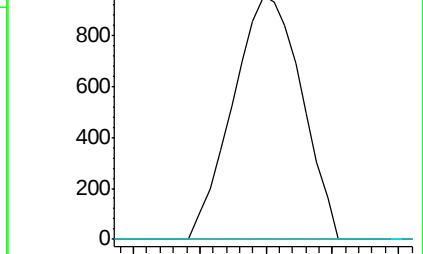
151 0.0 64.3 96.5#



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



#20

cis-1,2-Dichloroethene

Concen: 2.805 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018657.D

Acq: 03 Oct 2020 16:09

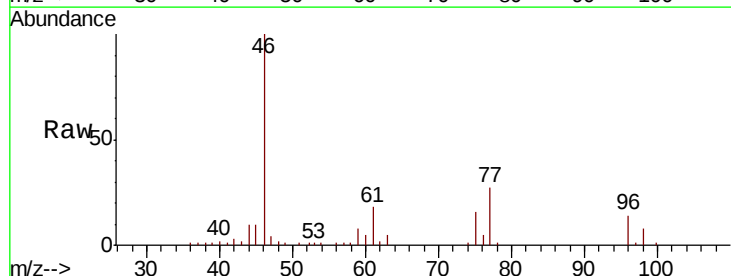
Tgt Ion: 96 Resp: 5884

Ion Ratio Lower Upper

96 100

61 129.1 86.8 161.2

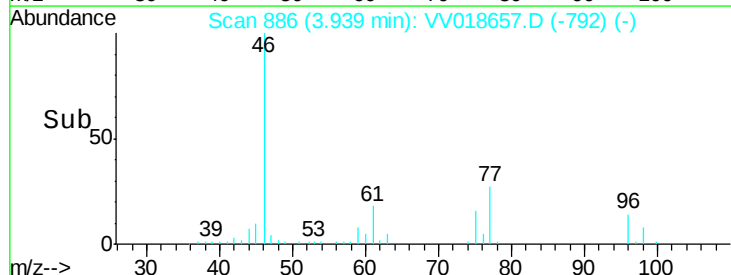
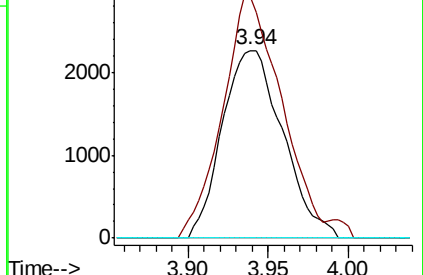
68 0.0 0.0 0.0

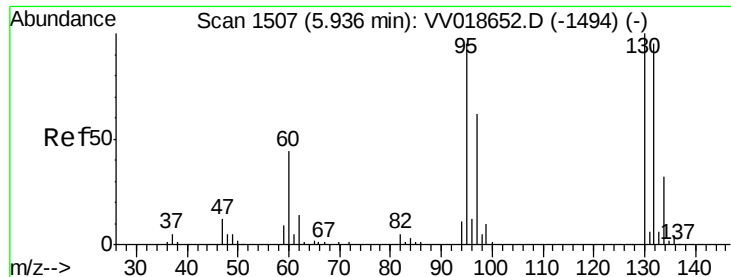


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

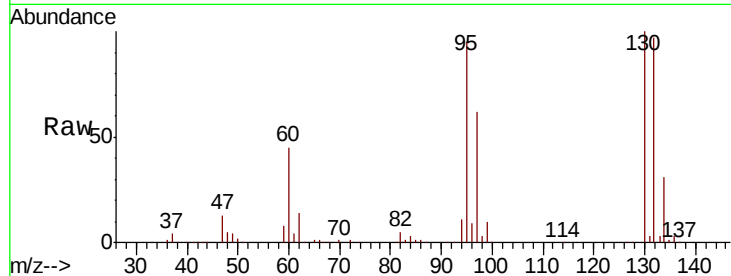




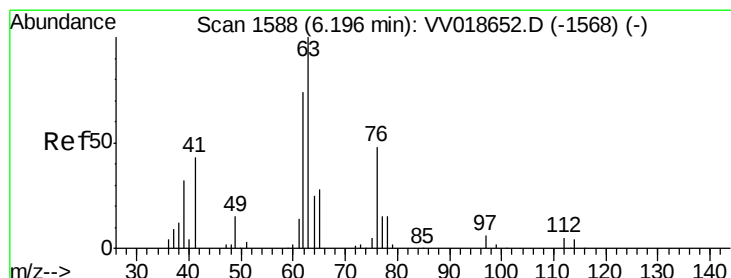
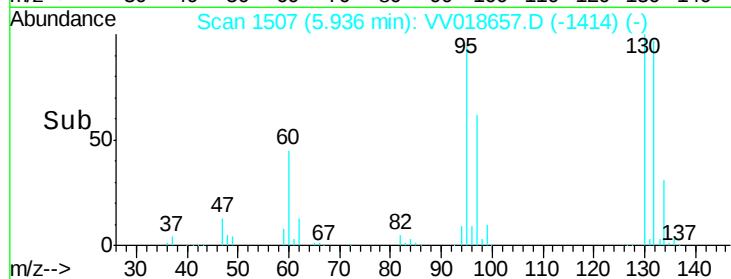
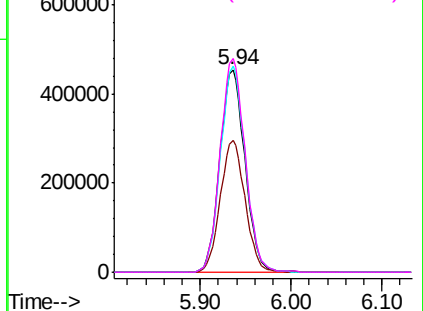
#34
 Trichloroethene
 Concen: 329.941 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV018657.D
 Acq: 03 Oct 2020 16:09

Instrument :
 MSVOA_V
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Tot Ion: 95 Resp: 869543
 Ion Ratio Lower Upper
 95 100
 97 65.0 45.9 85.3
 132 101.9 70.8 131.4
 130 105.5 75.3 139.8

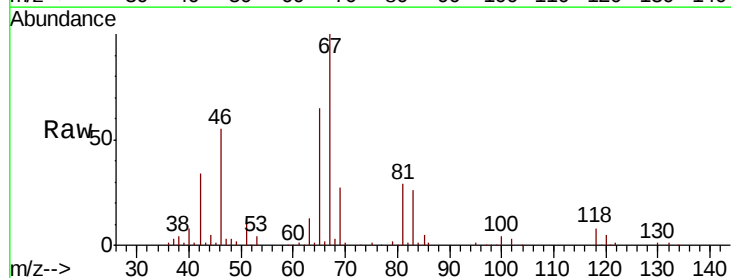


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

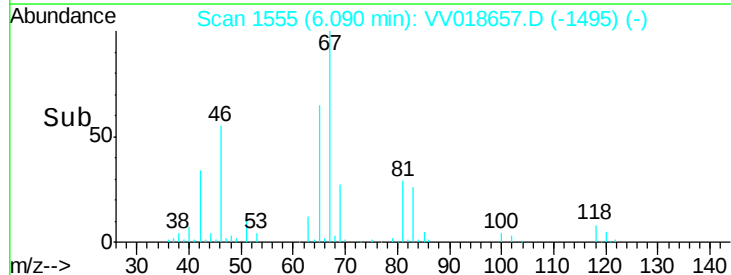
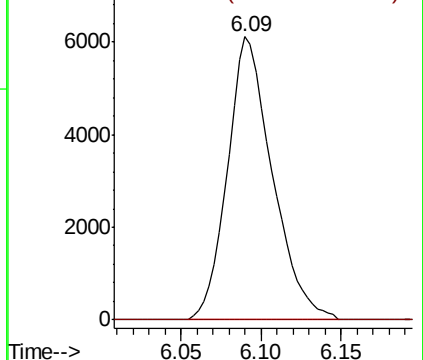


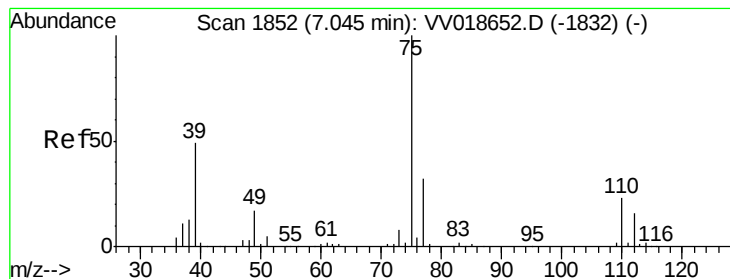
#37
 1,2-Dichloropropane
 Concen: 5.031 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018657.D
 Acq: 03 Oct 2020 16:09

Tgt Ion: 63 Resp: 11718
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 112.00 (111.70 to 112.70): VV0





#39

cis-1,3-Dichloropropene

Concen: 0.840 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018657.D

Acq: 03 Oct 2020 16:09

Instrument :

MSVOA_V

ClientSampleId :

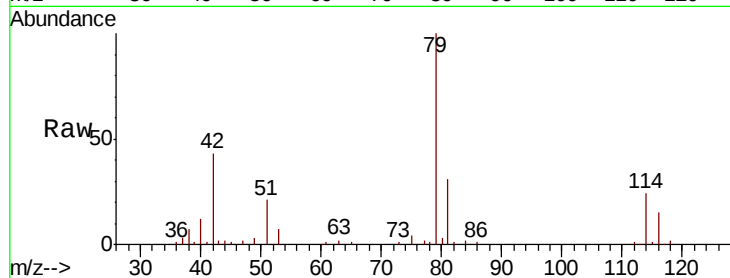
E0AB6

Tot Ion: 75 Resp: 3069

Ion Ratio Lower Upper

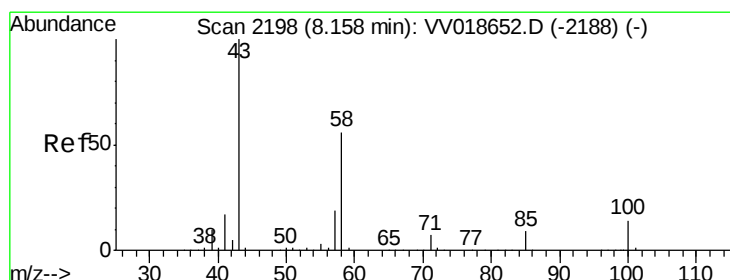
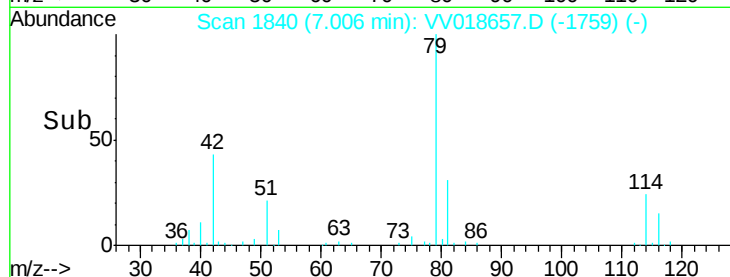
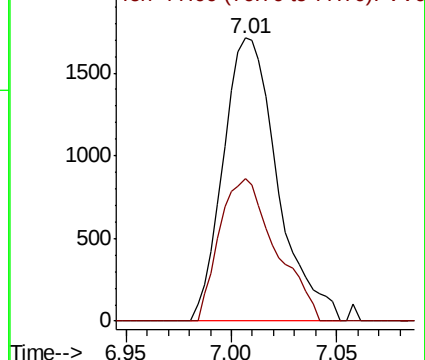
75 100

77 50.3 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 3.308 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018657.D

Acq: 03 Oct 2020 16:09

Tgt Ion: 43 Resp: 7756

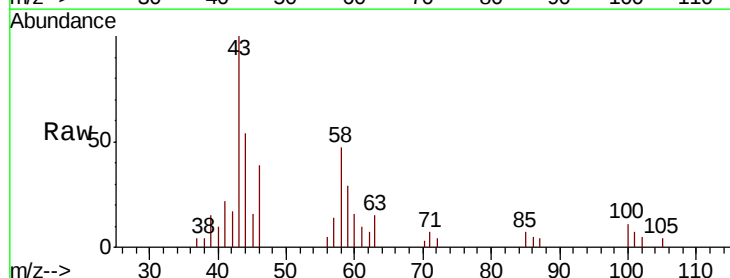
Ion Ratio Lower Upper

43 100

58 46.0 45.1 67.7

57 0.0 15.7 23.5#

100 6.6 11.0 16.4#

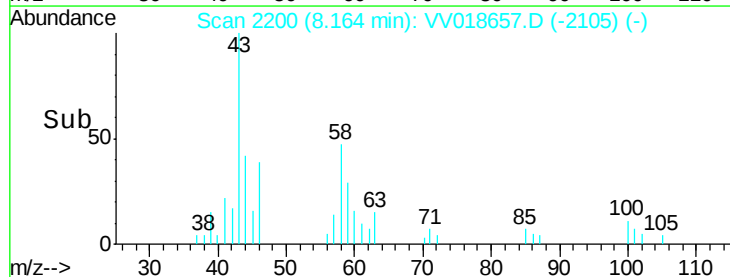
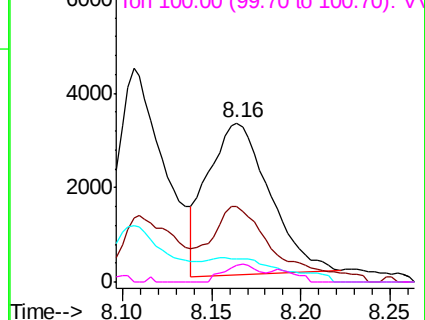


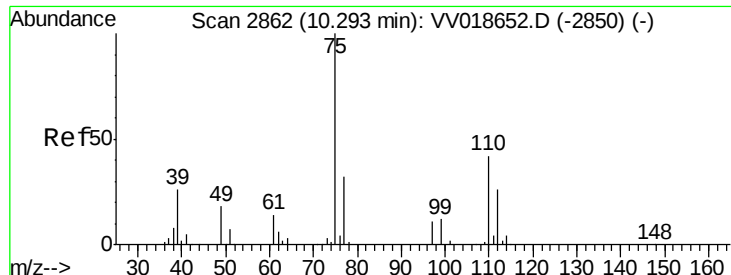
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 5.070 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018657.D

Acq: 03 Oct 2020 16:09

Instrument :

MSVOA_V

ClientSampleId :

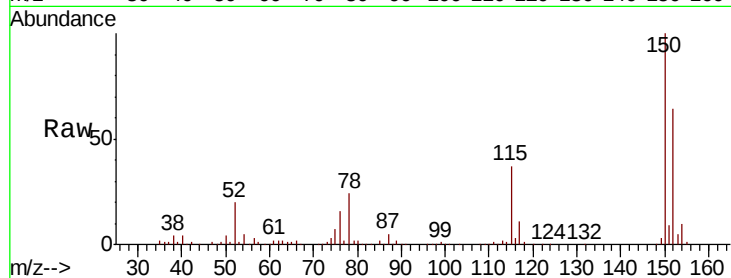
E0AB6

Tot Ion: 75 Resp: 14362

Ion Ratio Lower Upper

75 100

77 39.9 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

