

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121520\
 Data File : VV019650.D
 Acq On : 15 Dec 2020 15:36
 Operator : SY/MD
 Sample : L5024-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:30:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 16 00:27:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	585401	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	546491	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	249638	50.00	ug/L	0.00

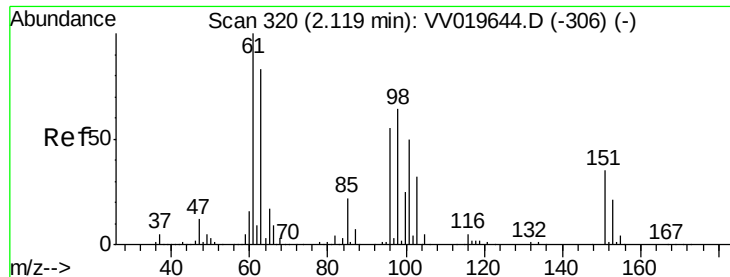
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	177707	42.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.66%
7) Chloroethane-d5	1.57	69	161497	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.56%
11) 1,1-Dichloroethene-d2	2.11	63	281739	36.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.32%
21) 2-Butanone-d5	3.89	46	244435	107.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.13%
24) Chloroform-d	4.35	84	374786	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
26) 1,2-Dichloroethane-d4	5.04	65	262889	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.34%
32) Benzene-d6	5.05	84	745835	51.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.34%
36) 1,2-Dichloropropane-d6	6.07	67	243221	53.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.54%
41) Toluene-d8	7.32	98	655141	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%
43) trans-1,3-Dichloropropene-	7.62	79	110794	42.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.32%
47) 2-Hexanone-d5	8.09	63	166627	92.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.99%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	309236	50.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.14%
64) 1,2-Dichlorobenzene-d4	11.63	152	244108	52.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.62%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2642	0.777 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	12060	3.458 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	13832	3.292 ug/L #	100
30) 1,1,1-Trichloroethane	4.61	97	7712	1.125 ug/L	95
34) Trichloroethene	5.92	95	186363	44.171 ug/L	98
59) 1,2,3-Trichloropropane	11.25	75	34585	6.666 ug/L	89

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



#10

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

Concen: 0.777 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019650.D

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Instrument :

MSVOA_V

ClientSampled :

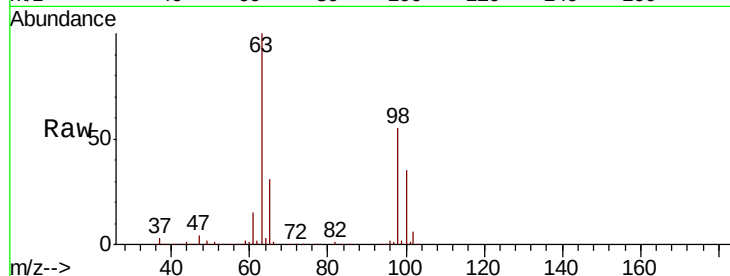
Tot Ion:101 Resp: 2642

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

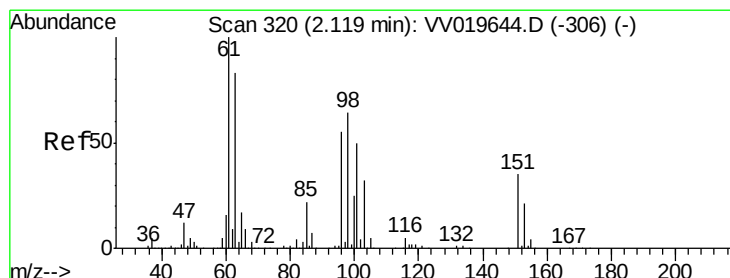
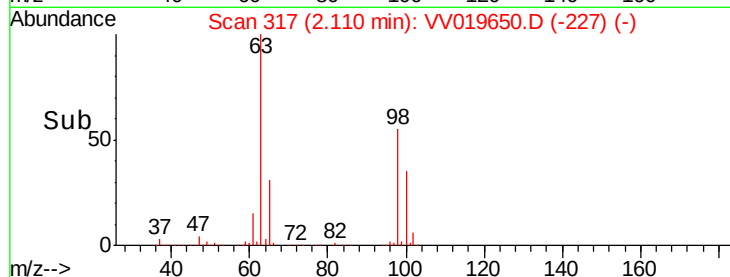
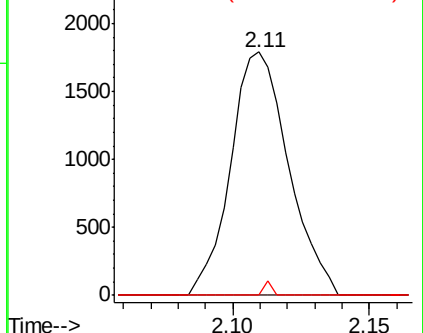
151 0.0 55.8 83.8#



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



#12

1,1-Dichloroethene

Concen: 3.458 ug/L

RT: 2.12 min Scan# 320

Delta R.T. 0.00 min

Lab File: VV019650.D

Acq: 15 Dec 2020 15:36

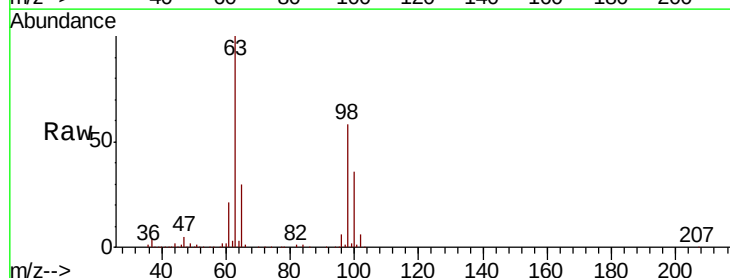
Tgt Ion: 96 Resp: 12060

Ion Ratio Lower Upper

96 100

61 332.2 120.7 224.1#

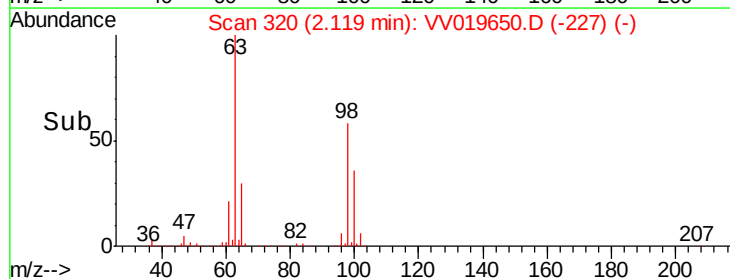
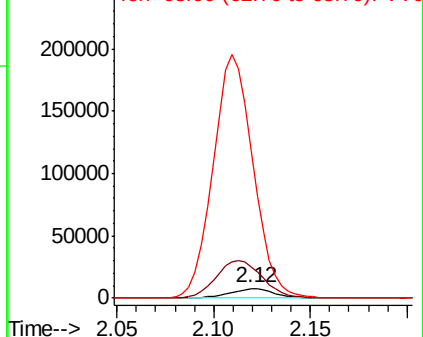
63 1572.9 64.3 119.5#

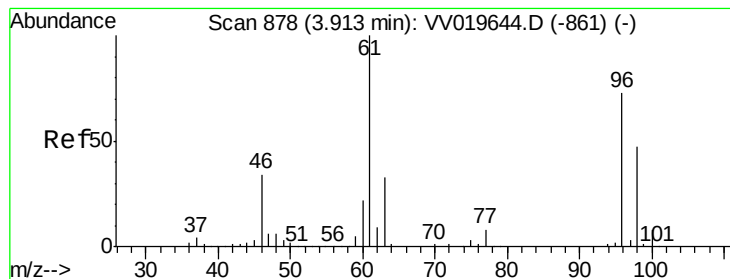


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 3.292 ug/L

RT: 3.92 min Scan# 879

Delta R.T. 0.00 min

Lab File: VV019650.D

Acq: 15 Dec 2020 15:36

Instrument :
MSVOA_V
ClientSampleId :

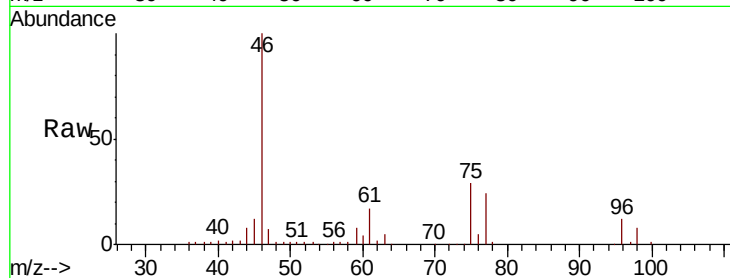
Tot Ion: 96 Resp: 13832

Ion Ratio Lower Upper

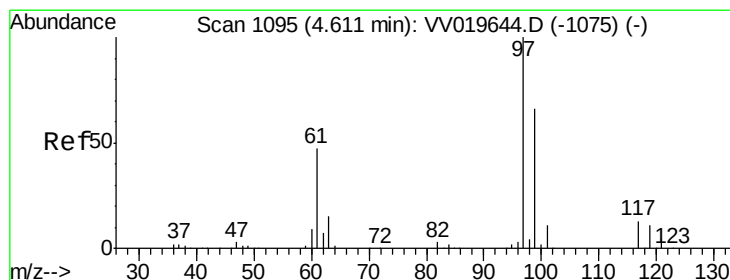
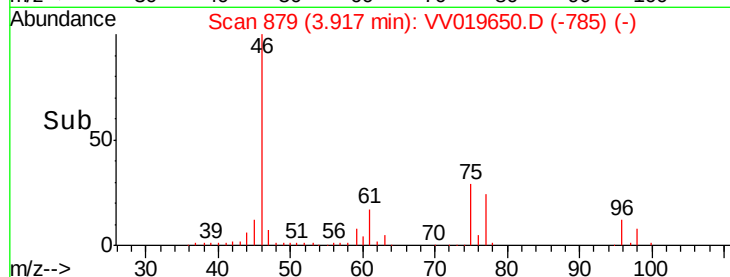
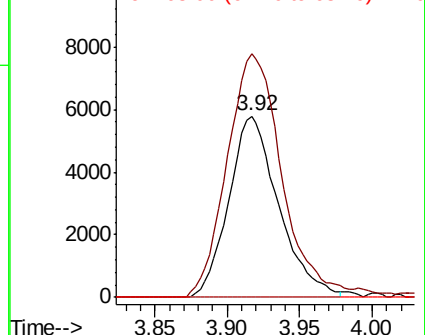
96 100

61 134.4 94.1 174.8

68 0.0 0.1 0.1#



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



#30

1,1,1-Trichloroethane

Concen: 1.125 ug/L

RT: 4.61 min Scan# 1096

Delta R.T. 0.00 min

Lab File: VV019650.D

Acq: 15 Dec 2020 15:36

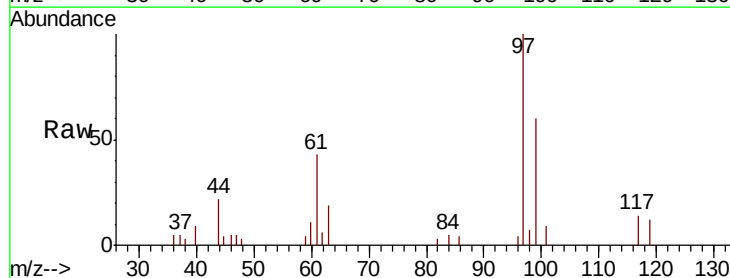
Tgt Ion: 97 Resp: 7712

Ion Ratio Lower Upper

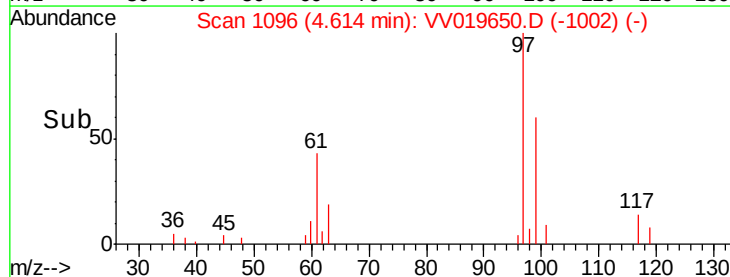
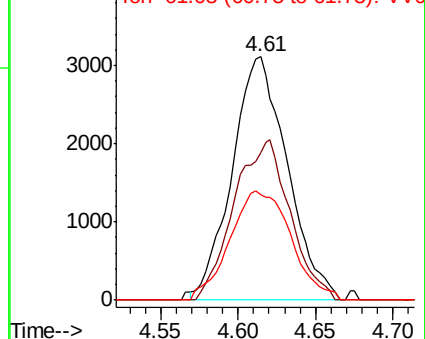
97 100

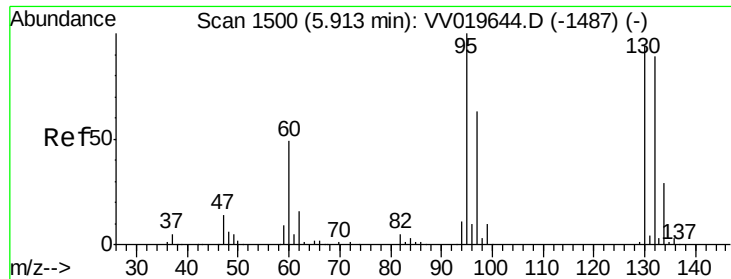
99 67.1 51.3 76.9

61 49.8 36.3 54.5



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0

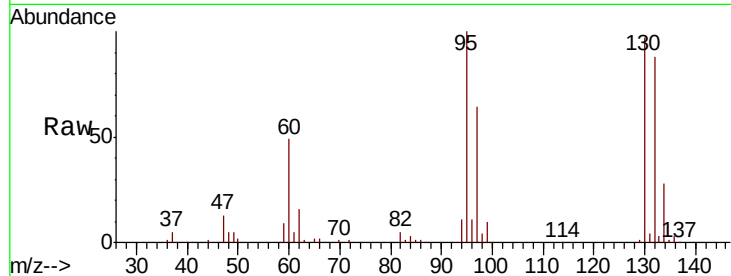




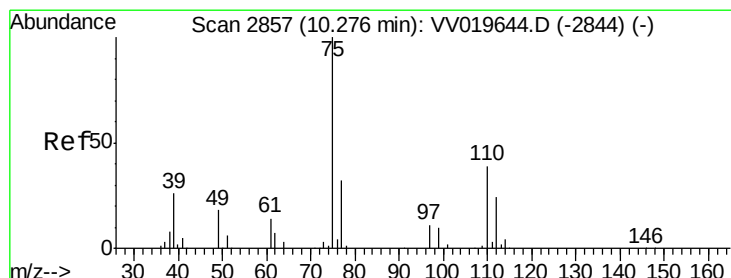
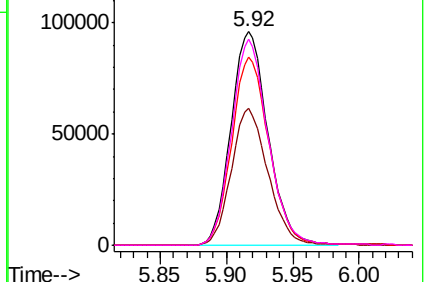
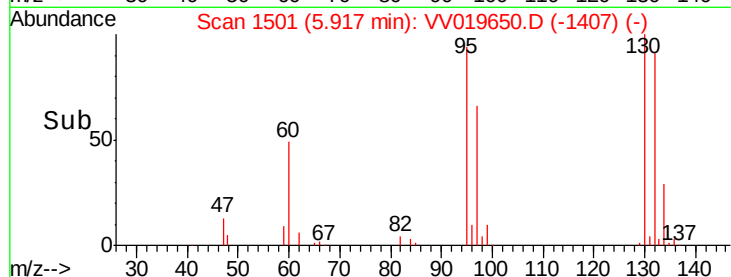
#34
 Trichloroethene
 Concen: 44.171 ug/L
 RT: 5.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: VV019650.D
 Acq: 15 Dec 2020 15:36

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 186363
 Ion Ratio Lower Upper
 95 100
 97 63.9 44.4 82.4
 132 88.0 64.3 119.3
 130 96.6 67.8 125.8

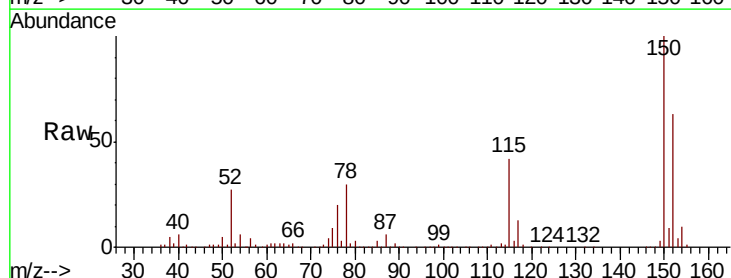


Abundance Ion 95.00 (94.70 to 95.70): VV019644.D (-1487) (-)
 Ion 97.00 (96.70 to 97.70): VV019644.D (-1487) (-)
 Ion 132.00 (131.70 to 132.70): VV019644.D (-1487) (-)
 Ion 130.00 (129.70 to 130.70): VV019644.D (-1487) (-)



#59
 1,2,3-Trichloropropane
 Concen: 6.666 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019650.D
 Acq: 15 Dec 2020 15:36

Tgt Ion: 75 Resp: 34585
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV019644.D (-2844) (-)
 Ion 77.00 (76.70 to 77.70): VV019644.D (-2844) (-)

