

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019746.D
 Acq On : 19 Dec 2020 18:36
 Operator : SY/MD
 Sample : L5131-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H01

Quant Time: Dec 21 03:41:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	698409	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	659212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	297528	50.00	ug/L	0.00

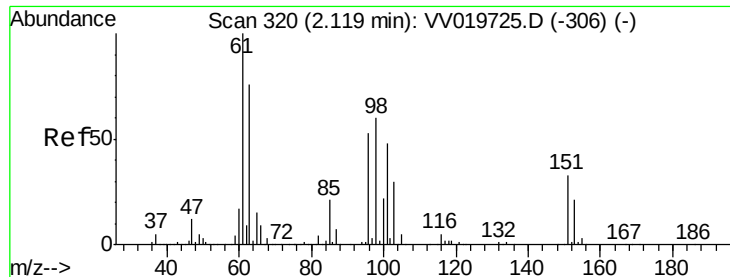
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	245424	49.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.02%
7) Chloroethane-d5	1.57	69	198406	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.46%
11) 1,1-Dichloroethene-d2	2.11	63	358366	38.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.10%
21) 2-Butanone-d5	3.89	46	348695	128.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.10%
24) Chloroform-d	4.35	84	448810	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	5.04	65	310306	52.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.22%
32) Benzene-d6	5.05	84	905625	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
36) 1,2-Dichloropropane-d6	6.07	67	291000	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.68%
41) Toluene-d8	7.32	98	800117	50.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.10%
43) trans-1,3-Dichloropropene-	7.62	79	136299	43.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.02%
47) 2-Hexanone-d5	8.09	63	216894	100.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.34%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	357248	47.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.92%
64) 1,2-Dichlorobenzene-d4	11.63	152	287605	51.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.42%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3125	0.771 ug/L #	22
13) Acetone	2.18	43	41205	17.769 ug/L	97
20) cis-1,2-Dichloroethene	3.92	96	4091	0.816 ug/L #	75
27) 1,2-Dichloroethane	5.06	62	5722	0.782 ug/L	97
34) Trichloroethene	5.92	95	56111	11.025 ug/L	98
59) 1,2,3-Trichloropropane	11.25	75	43593	6.966 ug/L	93

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



#10

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

Concen: 0.771 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019746.D

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Instrument :

MSVOA_V

ClientSampleId :

F4H01

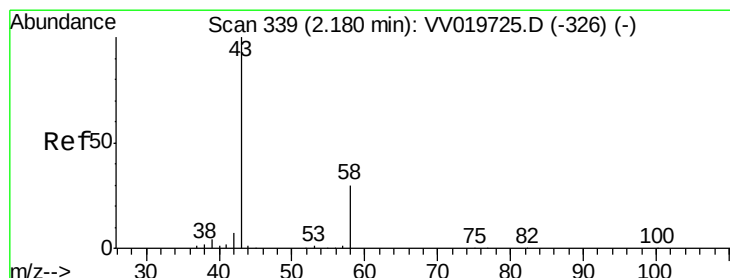
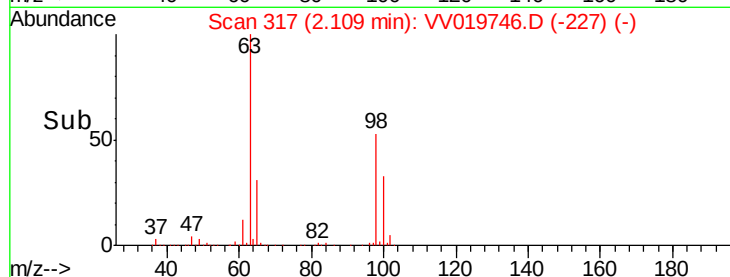
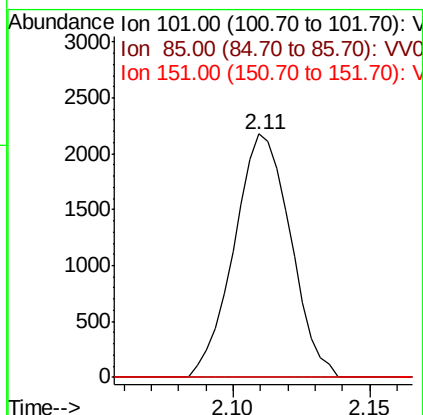
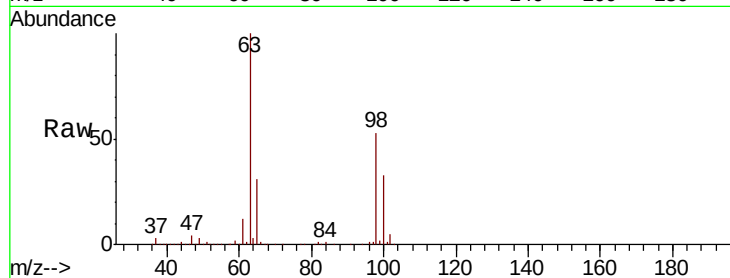
Tot Ion:101 Resp: 3125

Ion Ratio Lower Upper

101 100

85 1.5 35.0 52.4#

151 0.0 55.8 83.8#



#13

Acetone

Concen: 17.769 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV019746.D

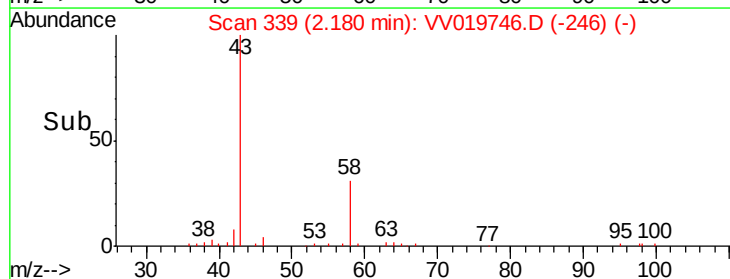
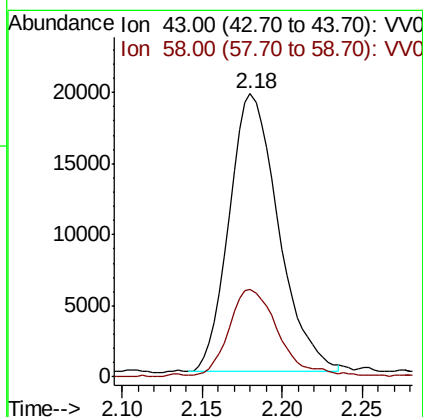
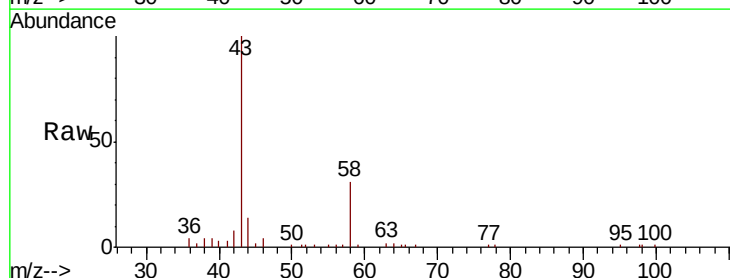
Acq: 19 Dec 2020 18:36

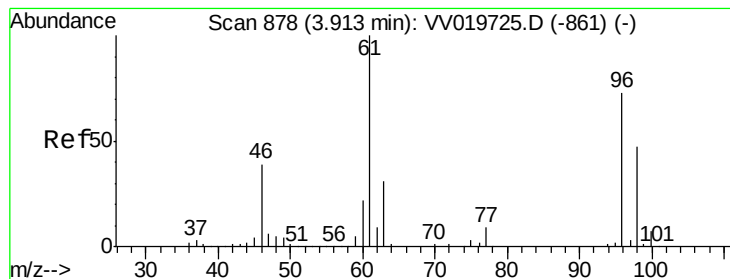
Tgt Ion: 43 Resp: 41205

Ion Ratio Lower Upper

43 100

58 29.2 0.0 61.6





#20

cis-1,2-Dichloroethene

Concen: 0.816 ug/L

RT: 3.92 min Scan# 879

Delta R.T. 0.00 min

Lab File: VV019746.D

Acq: 19 Dec 2020 18:36

Instrument :

MSVOA_V

ClientSampleId :

F4H01

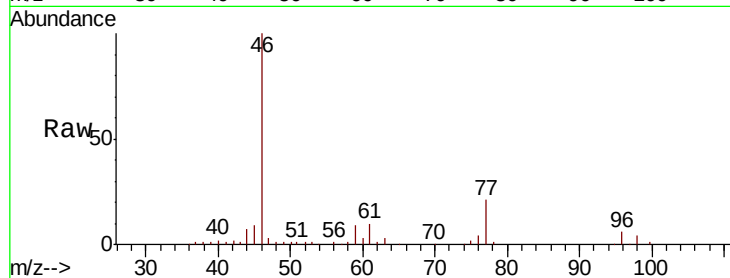
Tot Ion: 96 Resp: 4091

Ion Ratio Lower Upper

96 100

61 164.0 94.1 174.8

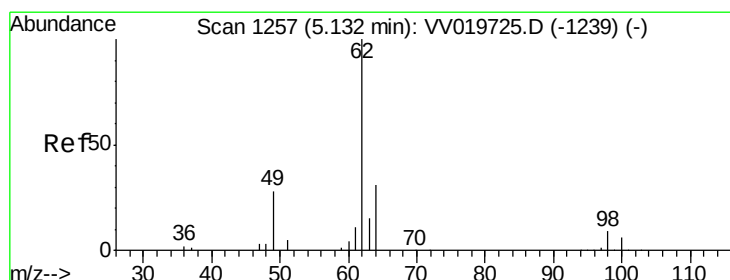
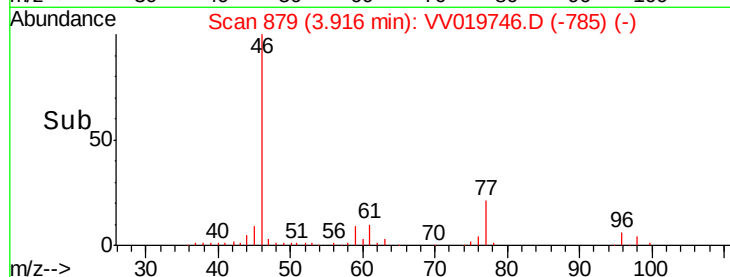
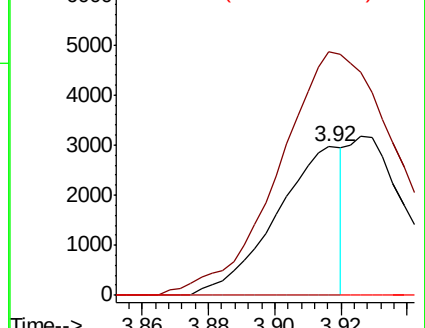
68 0.0 0.1 0.1#



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



#27

1,2-Dichloroethane

Concen: 0.782 ug/L

RT: 5.06 min Scan# 1234

Delta R.T. -0.07 min

Lab File: VV019746.D

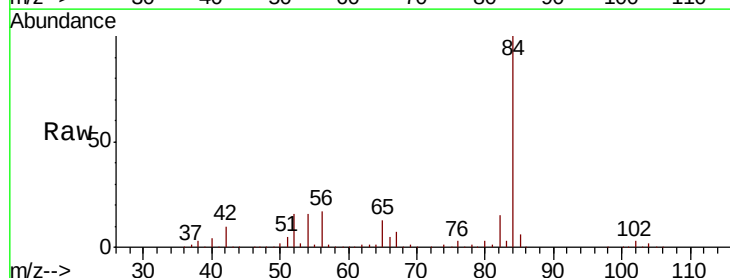
Acq: 19 Dec 2020 18:36

Tgt Ion: 62 Resp: 5722

Ion Ratio Lower Upper

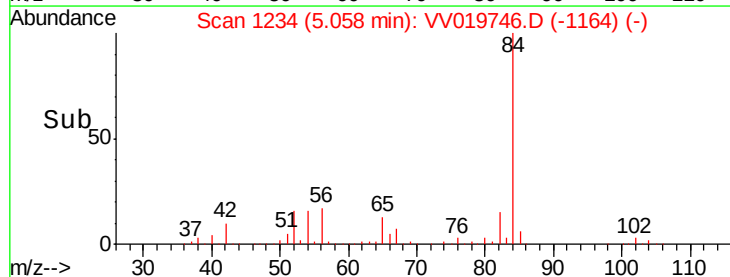
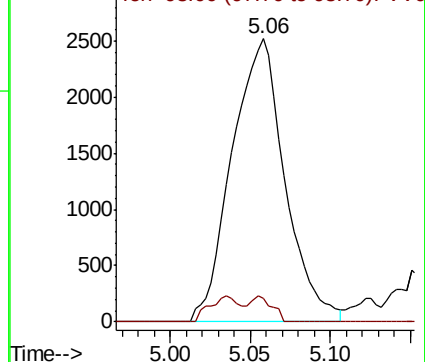
62 100

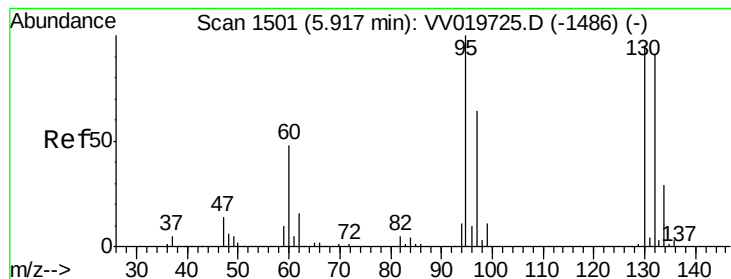
98 8.1 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#34

Trichloroethene

Concen: 11.025 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019746.D

Acq: 19 Dec 2020 18:36

Instrument :

MSVOA_V

ClientSampled :

F4H01

Tot Ion: 95 Resp: 56111

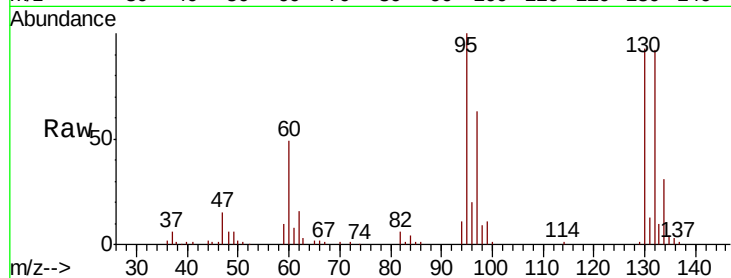
Ion Ratio Lower Upper

95 100

97 63.3 44.4 82.4

132 91.8 64.3 119.3

130 93.1 67.8 125.8



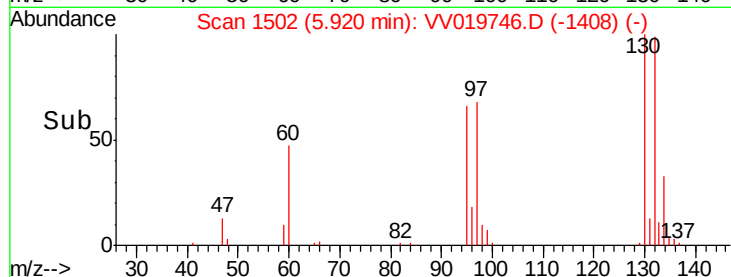
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

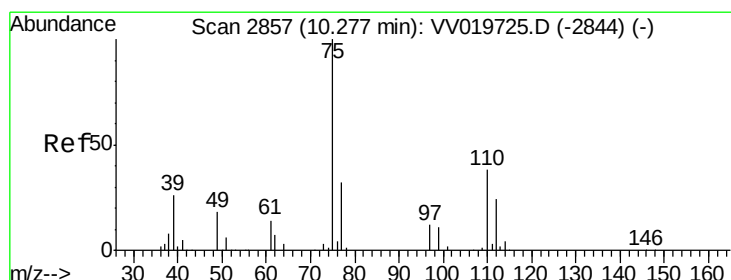
Ion 130.00 (129.70 to 130.70): VV0

Time-->



Abundance

Time-->



#59

1,2,3-Trichloropropane

Concen: 6.966 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019746.D

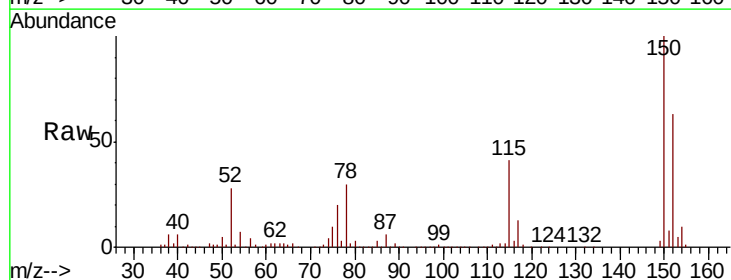
Acq: 19 Dec 2020 18:36

Tgt Ion: 75 Resp: 43593

Ion Ratio Lower Upper

75 100

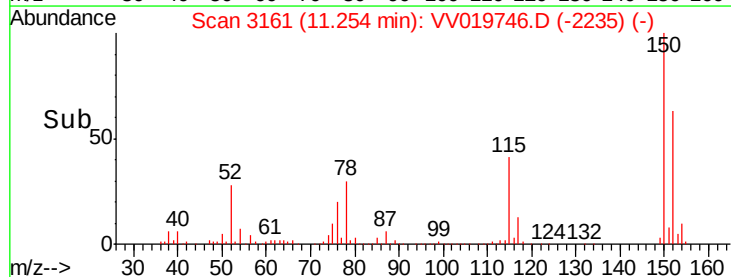
77 36.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

Time-->



Abundance

Time-->