

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014872.D
 Acq On : 12 Mar 2020 17:01
 Operator : SY/MD
 Sample : L1884-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 04:12:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 04:10:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	388108	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	376057	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	180983	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106559	40.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.14%
7) Chloroethane-d5	1.58	69	84089	40.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.12	63	136406	31.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.52%
21) 2-Butanone-d5	3.94	46	138245	70.57	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.57%
24) Chloroform-d	4.38	84	231411	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
26) 1,2-Dichloroethane-d4	5.06	65	153253	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
32) Benzene-d6	5.08	84	467020	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.10	67	143621	43.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.28%
41) Toluene-d8	7.34	98	445472	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%
43) trans-1,3-Dichloropropene-	7.64	79	64565	40.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.36%
47) 2-Hexanone-d5	8.12	63	139465	95.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199123	43.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	179975	50.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.34%

Target Compounds

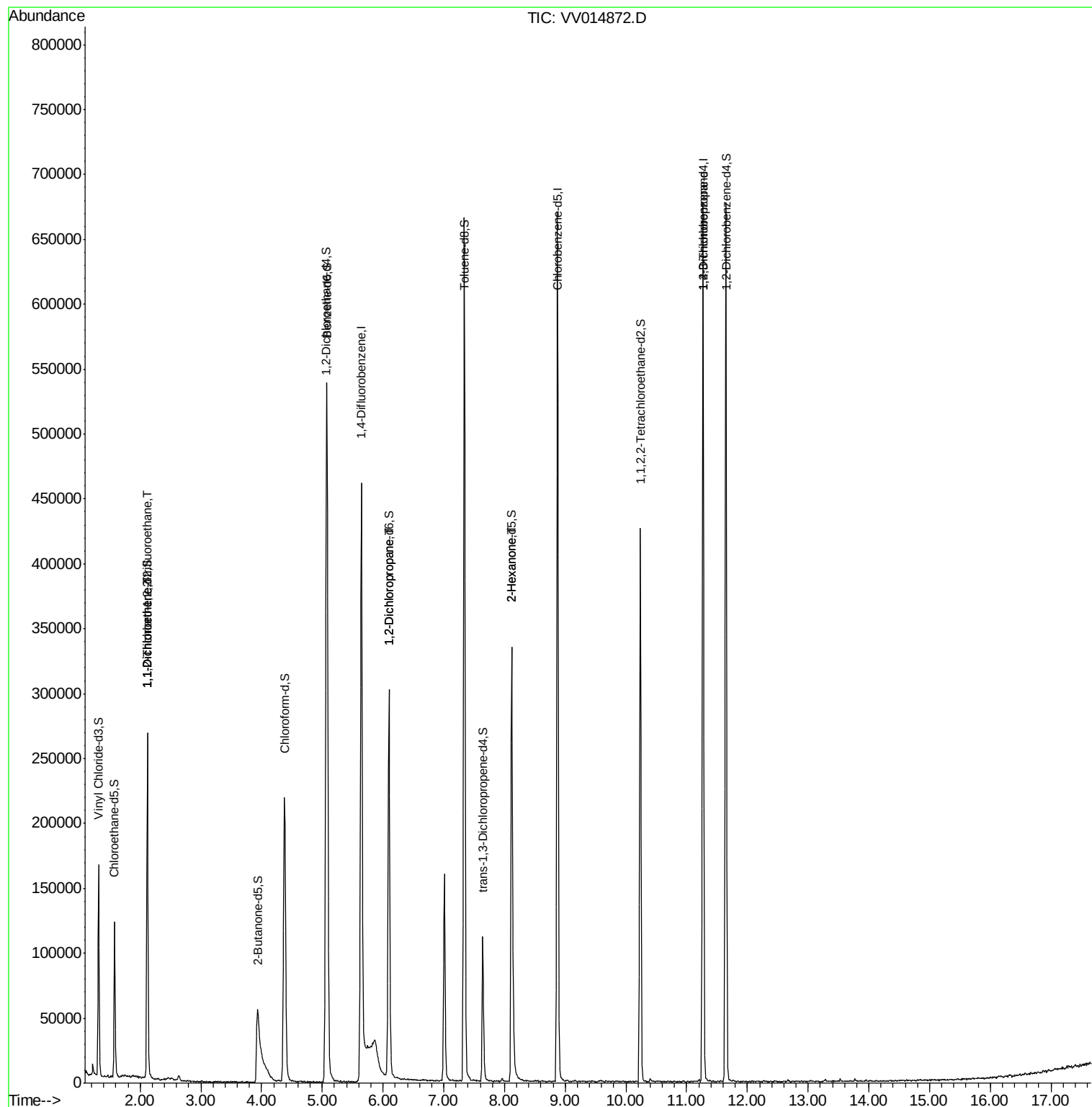
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1472	0.683 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	1724	0.818 ug/L #	1
37) 1,2-Dichloropropane	6.10	63	16234	5.514 ug/L #	88
48) 2-Hexanone	8.12	43	17563	5.234 ug/L #	76
59) 1,2,3-Trichloropropane	11.27	75	18449	4.907 ug/L	91

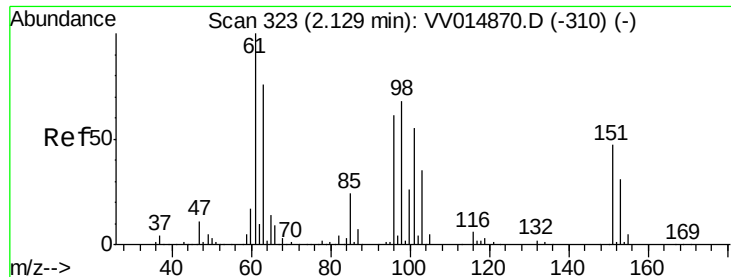
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 04:10:22 2020
Response via : Initial Calibration





#10

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

Concen: 0.683 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014872.D

Acq: 12 Mar 2020 17:01

Instrument :

MSVOA_V

ClientSampleId :

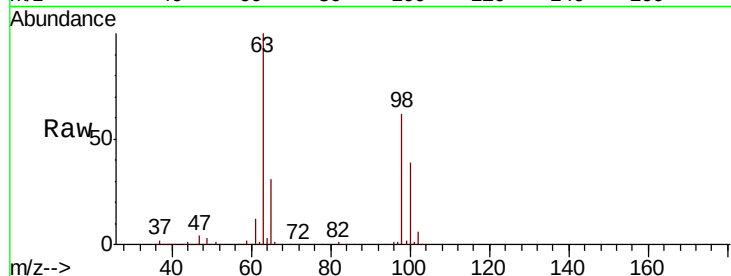
Tot Ion:101 Resp: 1472

Ion Ratio Lower Upper

101 100

85 3.3 35.0 52.6#

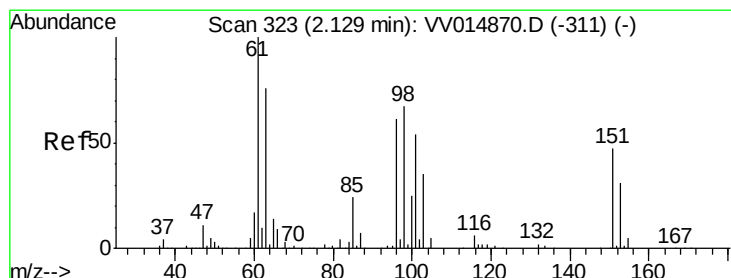
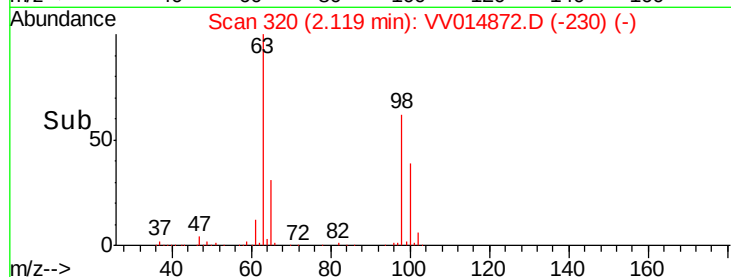
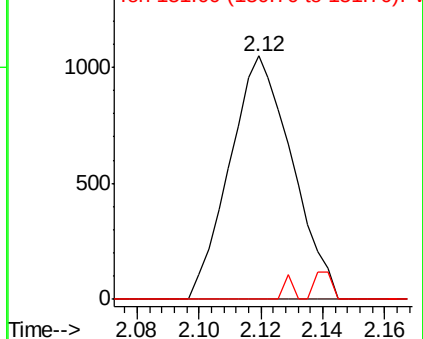
151 3.1 66.4 99.6#



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: 0.818 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV014872.D

Acq: 12 Mar 2020 17:01

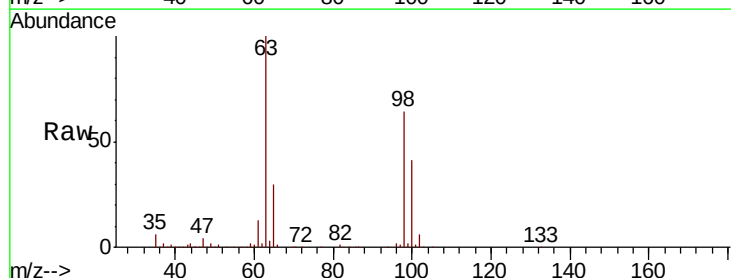
Tgt Ion: 96 Resp: 1724

Ion Ratio Lower Upper

96 100

61 732.9 118.4 220.0#

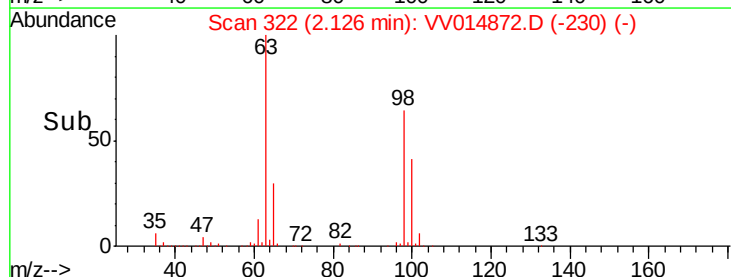
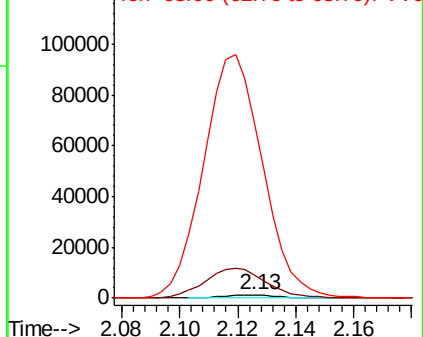
63 5715.3 88.4 164.2#

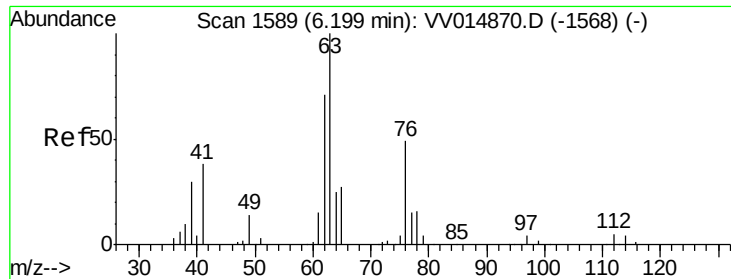


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

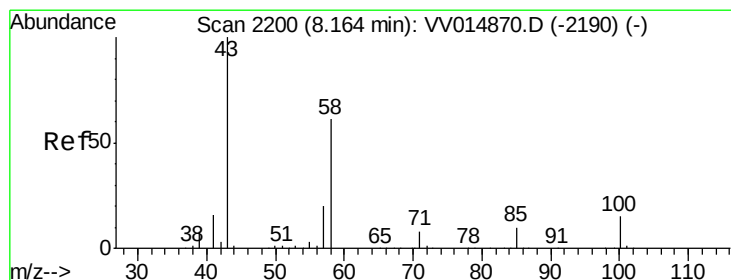
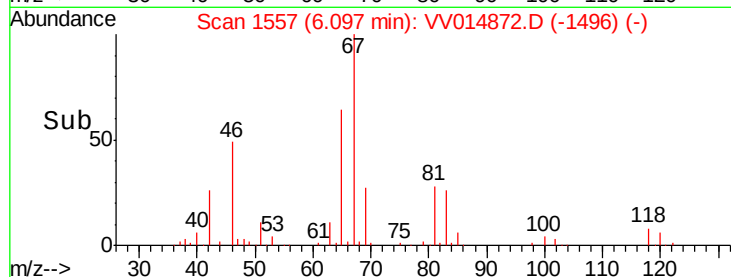
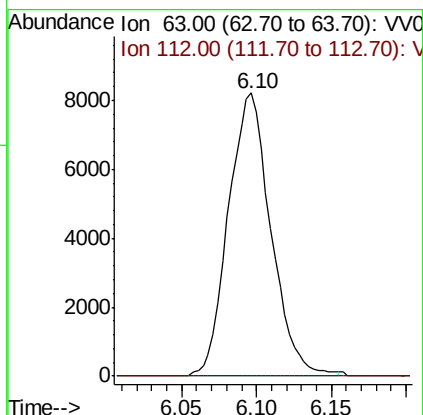
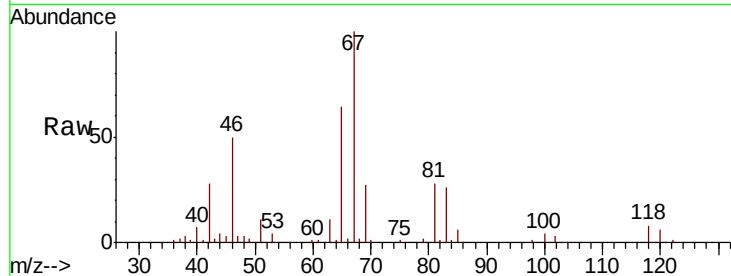




#37
 1,2-Dichloropropane
 Concen: 5.514 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV014872.D
 Acq: 12 Mar 2020 17:01

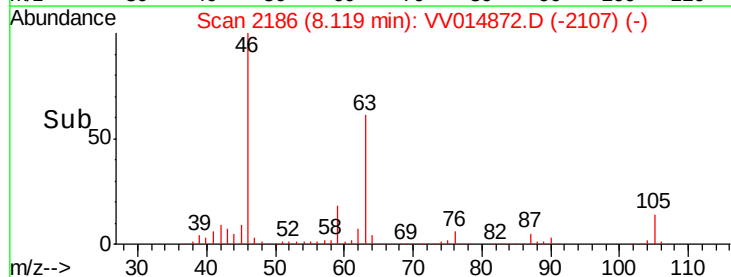
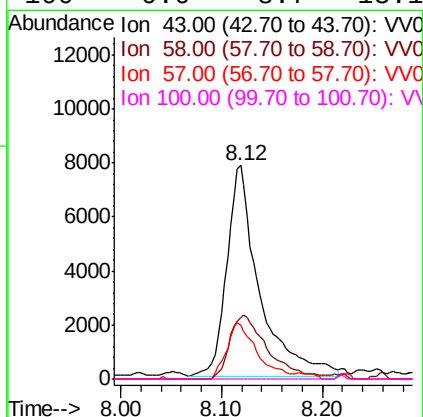
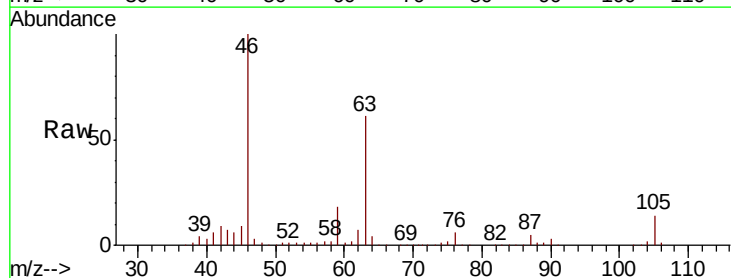
Instrument :
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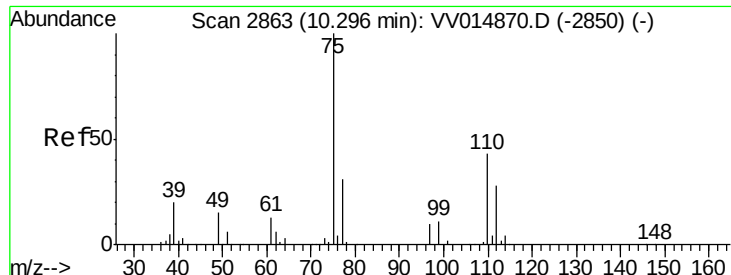
Tot Ion: 63 Resp: 16234
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#48
 2-Hexanone
 Concen: 5.234 ug/L
 RT: 8.12 min Scan# 2186
 Delta R.T. -0.05 min
 Lab File: VV014872.D
 Acq: 12 Mar 2020 17:01

Tgt Ion: 43 Resp: 17563
 Ion Ratio Lower Upper
 43 100
 58 34.4 43.3 64.9#
 57 24.8 15.6 23.4#
 100 0.0 8.7 13.1#





#59
 1,2,3-Trichloropropane
 Concen: 4.907 ug/L
 RT: 11.27 min Scan# 3165
 Delta R.T. 0.97 min
 Lab File: VV014872.D
 Acq: 12 Mar 2020 17:01

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 18449
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.6 38.4

