

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019701.D
 Acq On : 18 Dec 2020 15:44
 Operator : SY/MD
 Sample : L5098-06 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4P6

Quant Time: Dec 19 05:28:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	590582	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	543642	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	249059	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	194630	45.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.92%
7) Chloroethane-d5	1.57	69	166034	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.42%
11) 1,1-Dichloroethene-d2	2.11	63	281879	35.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.72%
21) 2-Butanone-d5	3.89	46	322139	139.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	139.95%#
24) Chloroform-d	4.35	84	374645	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
26) 1,2-Dichloroethane-d4	5.04	65	262549	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
32) Benzene-d6	5.05	84	746053	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
36) 1,2-Dichloropropane-d6	6.07	67	242612	53.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.84%
41) Toluene-d8	7.32	98	643164	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%
43) trans-1,3-Dichloropropene-	7.62	79	115199	44.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.18%
47) 2-Hexanone-d5	8.09	63	217307	121.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.91%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	310418	50.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.06%
64) 1,2-Dichlorobenzene-d4	11.63	152	235692	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%

Target Compounds

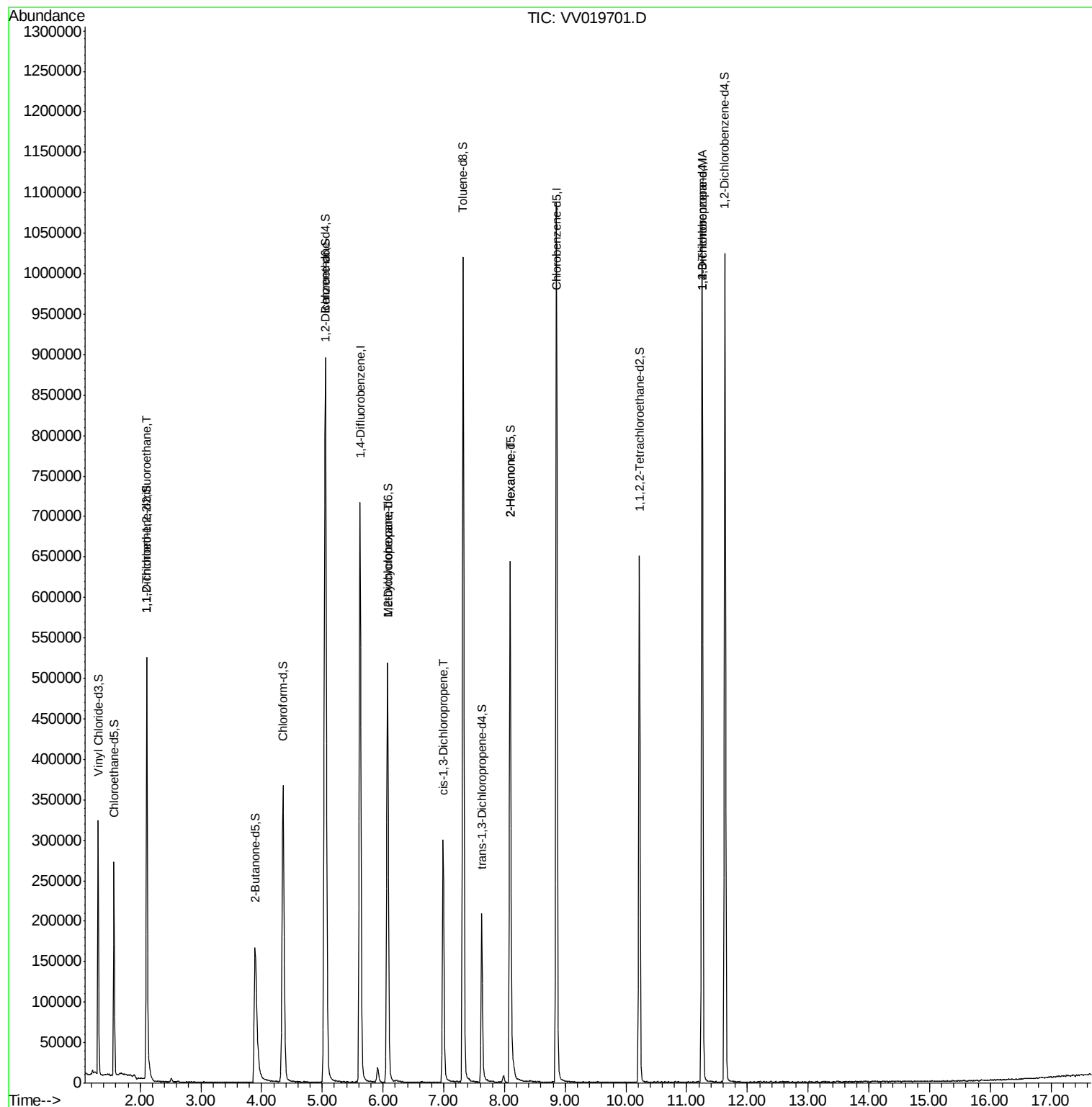
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2476	0.722 ug/L #	22
35) Methylcyclohexane	6.07	83	57844	9.072 ug/L #	16
39) cis-1,3-Dichloropropene	6.99	75	7334	1.064 ug/L #	57
48) 2-Hexanone	8.09	43	27579	6.072 ug/L #	71
59) 1,2,3-Trichloropropane	11.25	75	33970	6.582 ug/L	90

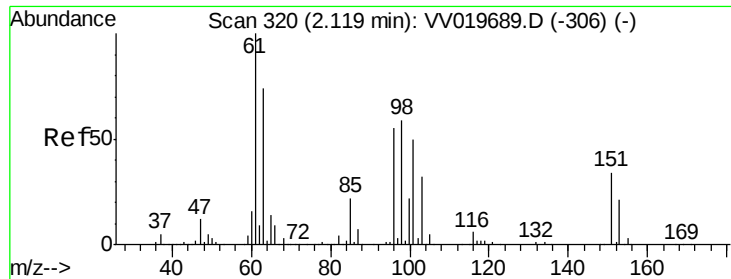
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.722 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019701.D

Acq: 18 Dec 2020 15:44

Instrument :

MSVOA_V

ClientSampleId :

BG4P6

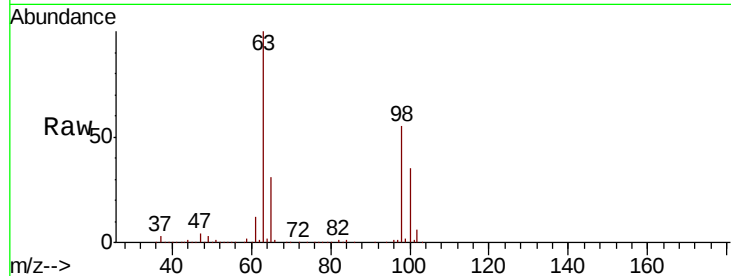
Tot Ion:101 Resp: 2476

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

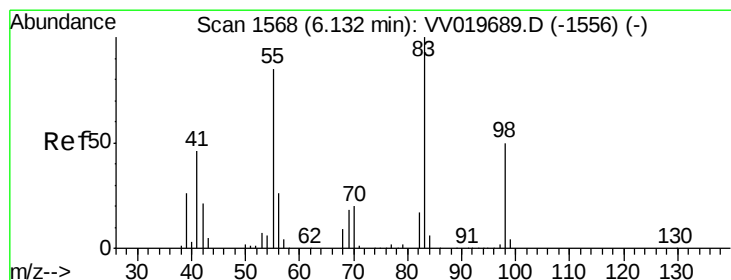
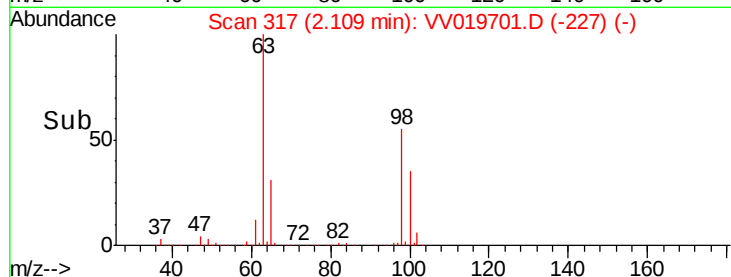
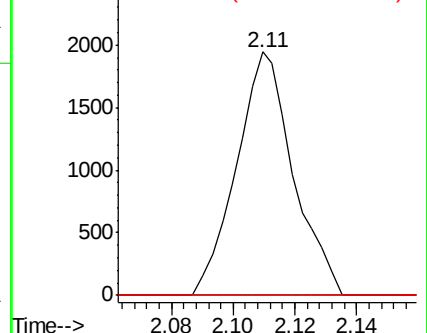
151 0.0 55.8 83.8#



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



#35

Methylcyclohexane

Concen: 9.072 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.06 min

Lab File: VV019701.D

Acq: 18 Dec 2020 15:44

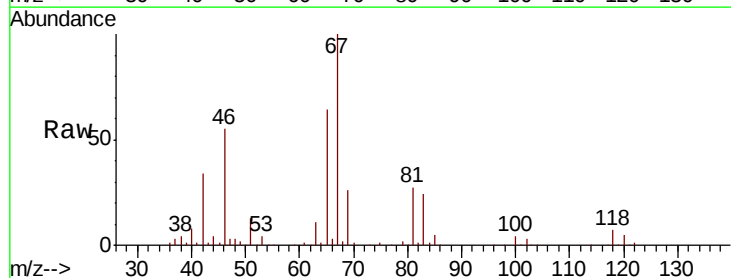
Tgt Ion: 83 Resp: 57844

Ion Ratio Lower Upper

83 100

55 0.0 64.2 96.4#

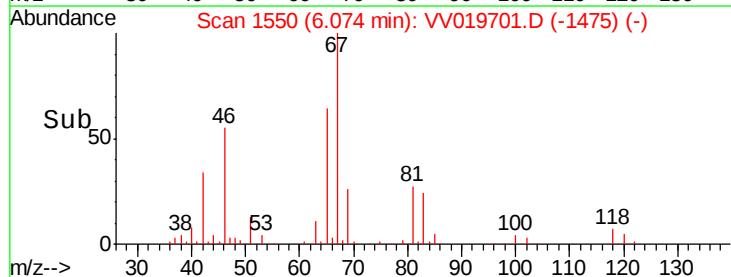
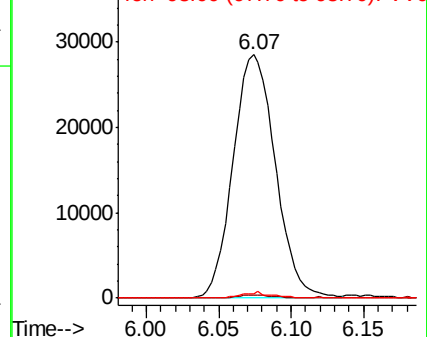
98 0.2 39.3 58.9#

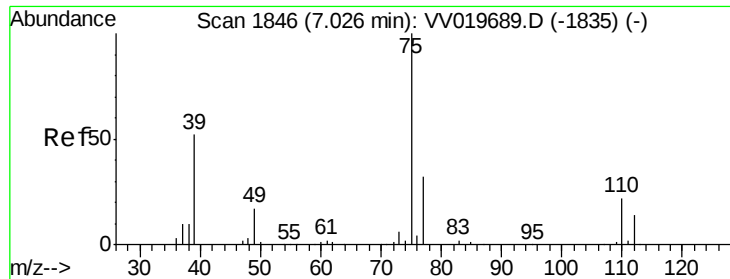


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



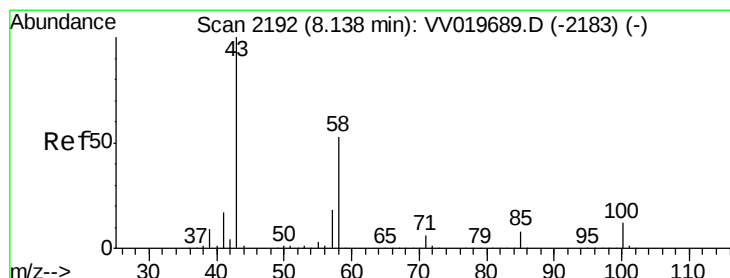
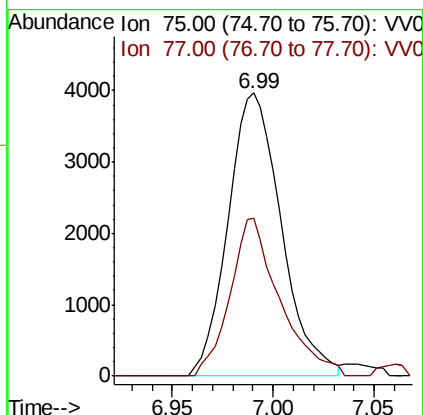
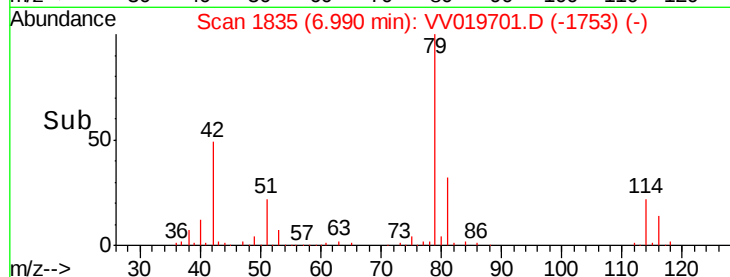
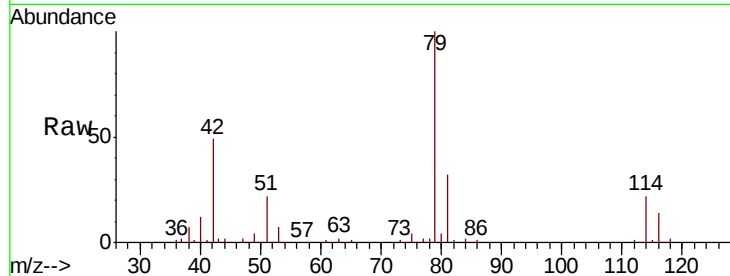


#39

cis-1,3-Dichloropropene
Concen: 1.064 ug/L
RT: 6.99 min Scan# 1835
Delta R.T. -0.04 min
Lab File: VV019701.D
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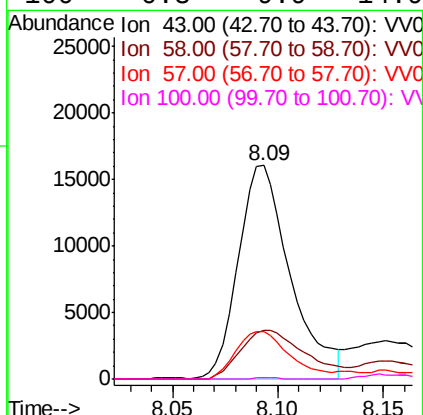
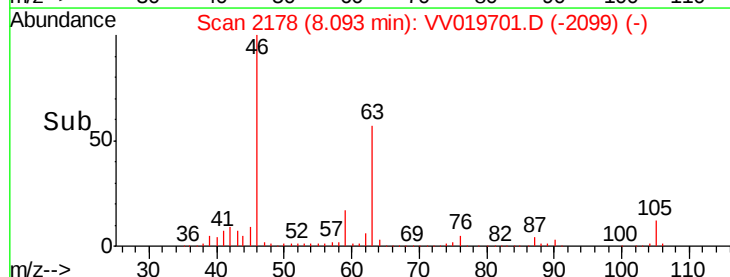
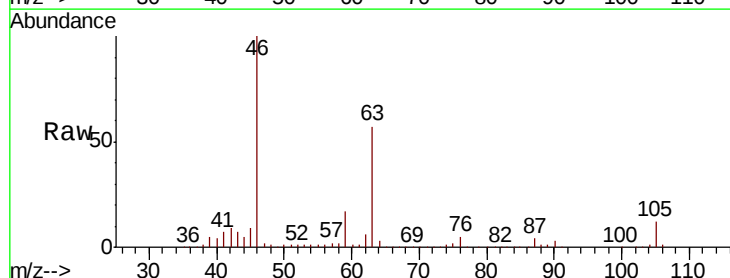
Tot Ion: 75 Resp: 7334
Ion Ratio Lower Upper
75 100
77 55.9 22.4 41.6#

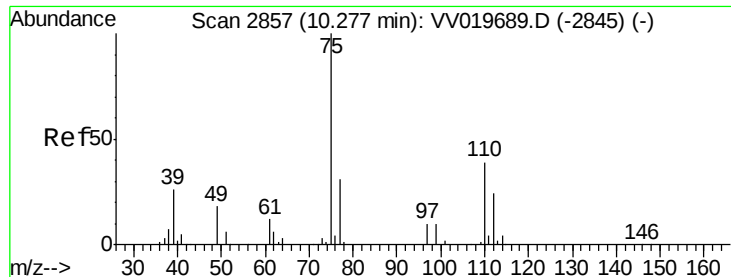


#48

2-Hexanone
Concen: 6.072 ug/L
RT: 8.09 min Scan# 2178
Delta R.T. -0.05 min
Lab File: VV019701.D
Acq: 18 Dec 2020 15:44

Tgt Ion: 43 Resp: 27579
Ion Ratio Lower Upper
43 100
58 29.0 44.4 66.6#
57 22.9 15.7 23.5
100 0.3 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 6.582 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019701.D

Acq: 18 Dec 2020 15:44

Instrument :

MSVOA_V

ClientSampleId :

BG4P6

Tot Ion: 75 Resp: 33970

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.8

