

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019539.D
 Acq On : 11 Dec 2020 03:50
 Operator : SY/MD
 Sample : L4955-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4H6

Quant Time: Dec 11 04:43:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 04:38:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	689304	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	640283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	297712	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	199718	40.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.82%
7) Chloroethane-d5	1.57	69	170821	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.64%
11) 1,1-Dichloroethene-d2	2.11	63	308814	33.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.32%
21) 2-Butanone-d5	3.90	46	271368	101.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.01%
24) Chloroform-d	4.35	84	403625	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
26) 1,2-Dichloroethane-d4	5.04	65	279700	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
32) Benzene-d6	5.05	84	799895	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.68%
36) 1,2-Dichloropropane-d6	6.07	67	253530	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.78%
41) Toluene-d8	7.32	98	722967	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%
43) trans-1,3-Dichloropropene-	7.62	79	130087	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.50%
47) 2-Hexanone-d5	8.09	63	202754	96.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.57%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	337744	46.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.36%
64) 1,2-Dichlorobenzene-d4	11.63	152	263848	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%

Target Compounds

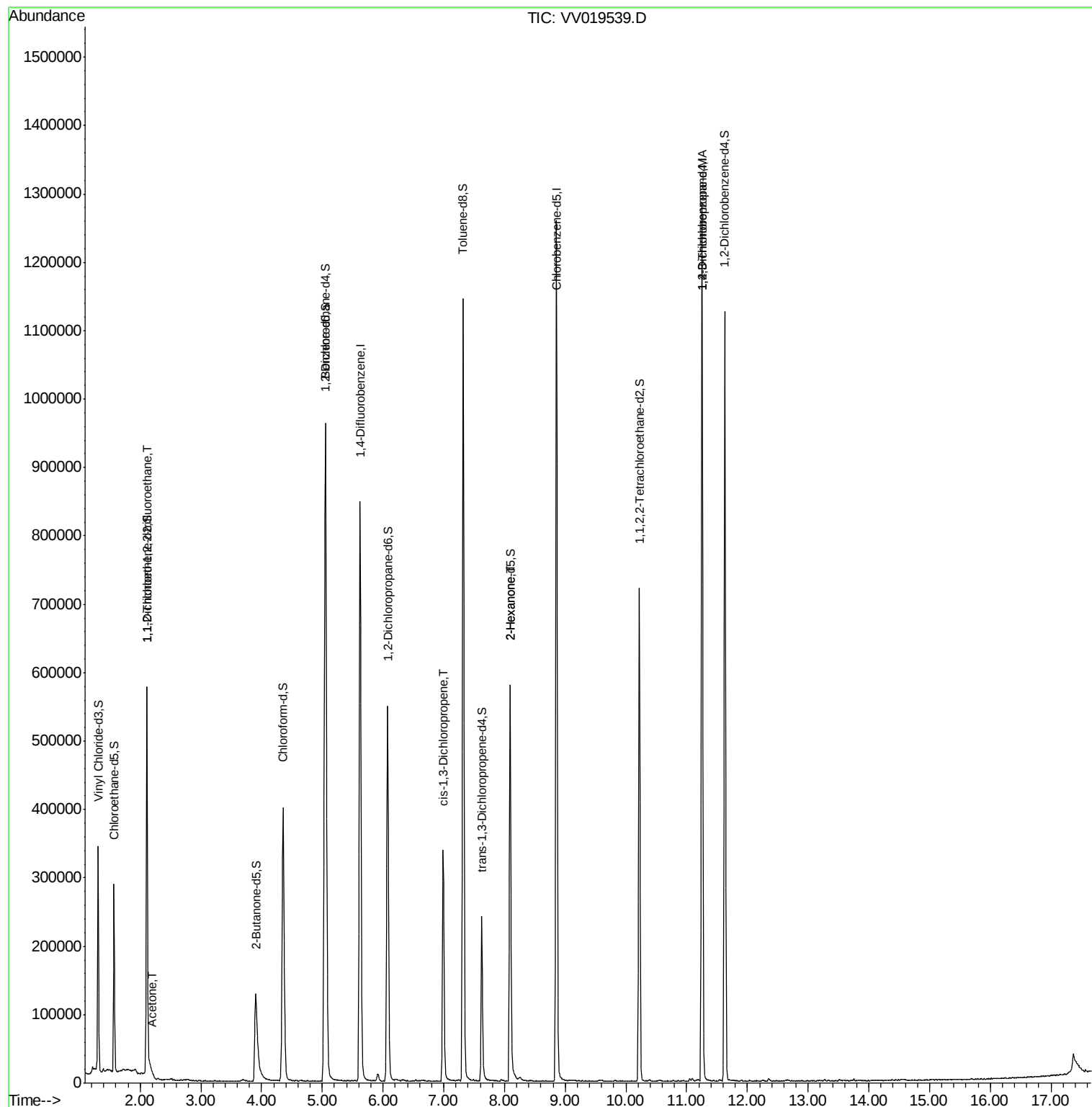
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3006	0.751 ug/L #	25
13) Acetone	2.20	43	11206	4.896 ug/L	92
39) cis-1,3-Dichloropropene	6.99	75	8911	1.098 ug/L #	67
48) 2-Hexanone	8.09	43	23669	4.424 ug/L #	66
59) 1,2,3-Trichloropropane	11.25	75	40058	6.590 ug/L	89

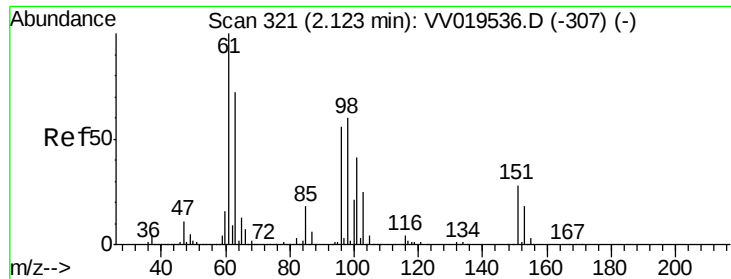
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.751 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019539.D

Acq: 11 Dec 2020 03:50

Instrument :

MSVOA_V

ClientSampleId :

BG4H6

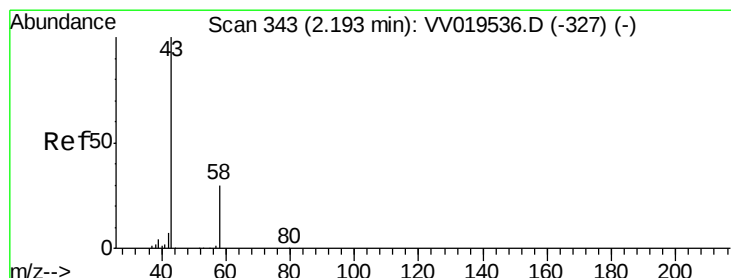
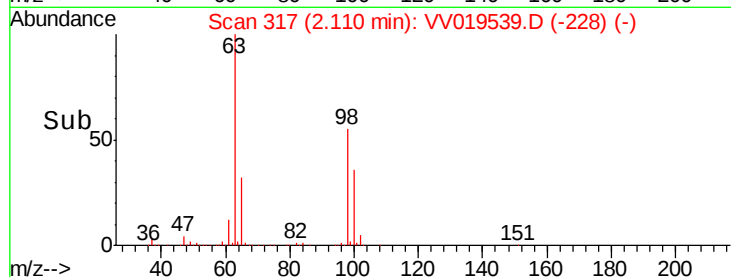
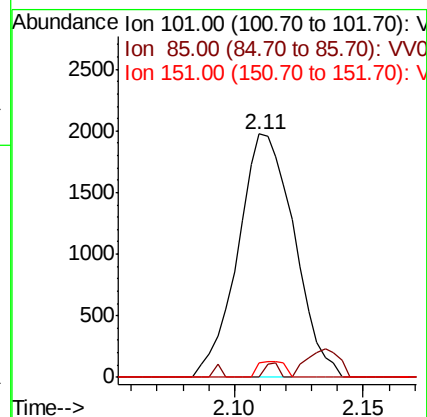
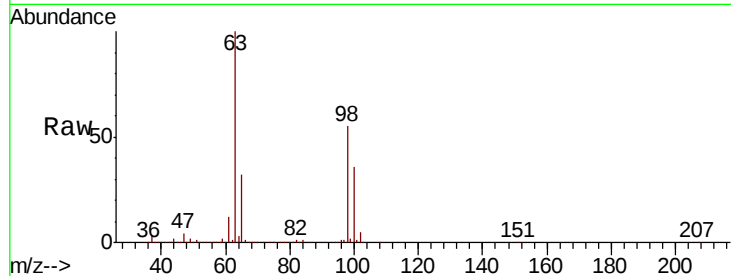
Tot Ion:101 Resp: 3006

Ion Ratio Lower Upper

101 100

85 1.5 35.0 52.4#

151 3.1 55.8 83.8#



#13

Acetone

Concen: 4.896 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV019539.D

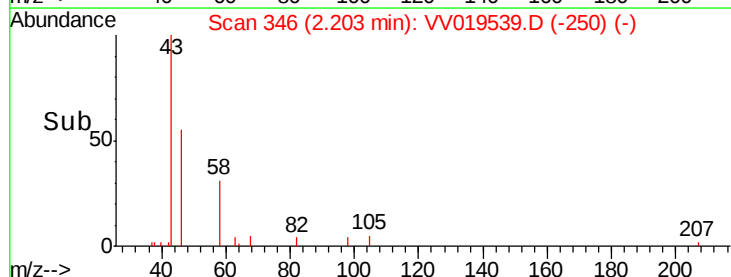
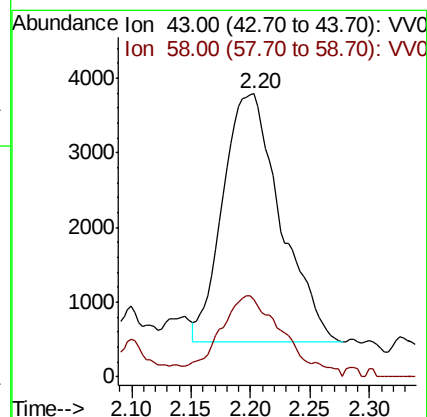
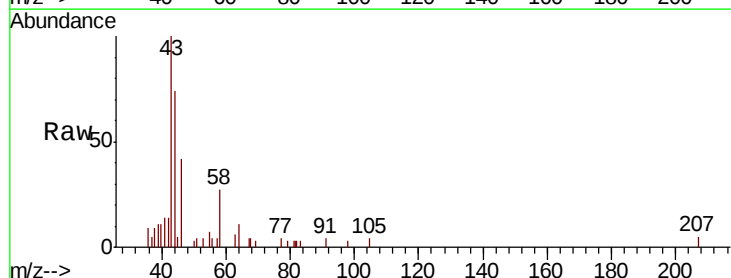
Acq: 11 Dec 2020 03:50

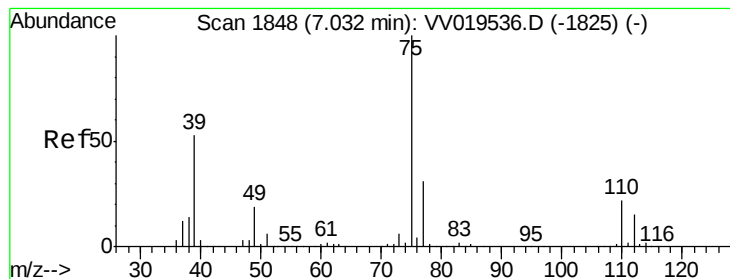
Tgt Ion: 43 Resp: 11206

Ion Ratio Lower Upper

43 100

58 26.2 0.0 61.6



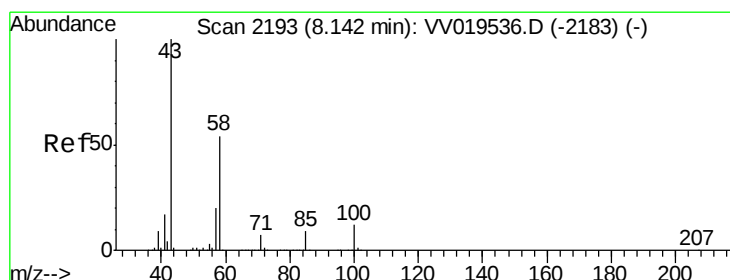
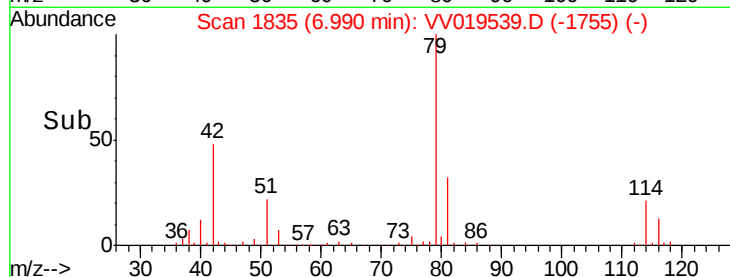
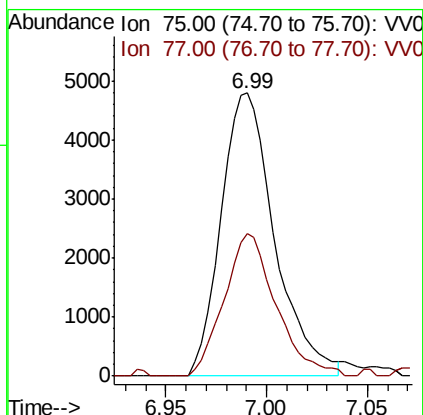
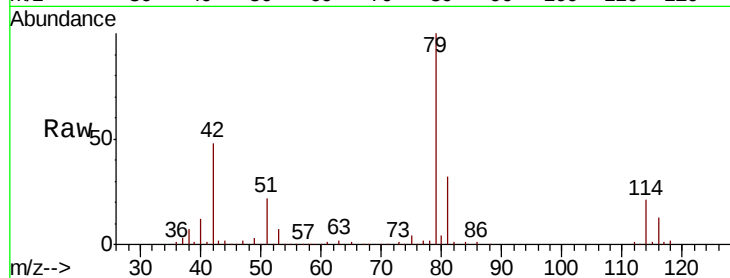


#39

cis-1,3-Dichloropropene
Concen: 1.098 ug/L
RT: 6.99 min Scan# 1835
Delta R.T. -0.04 min
Lab File: VV019539.D
Acq: 11 Dec 2020 03:50

Instrument :
MSVOA_V
ClientSampled :
BG4H6

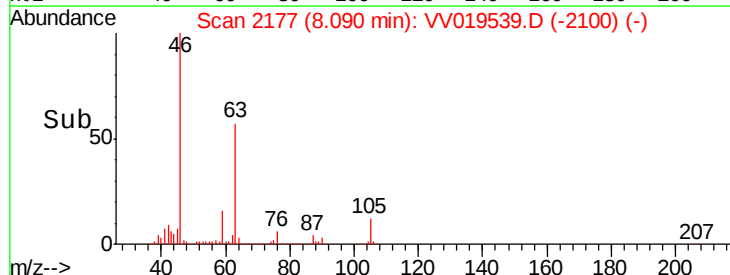
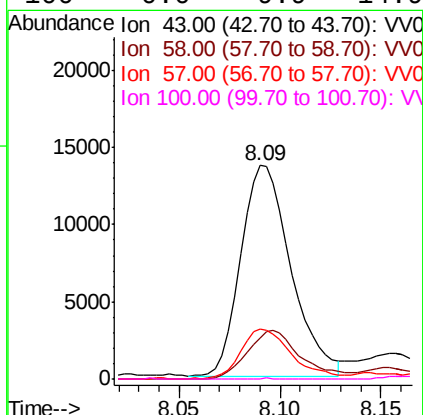
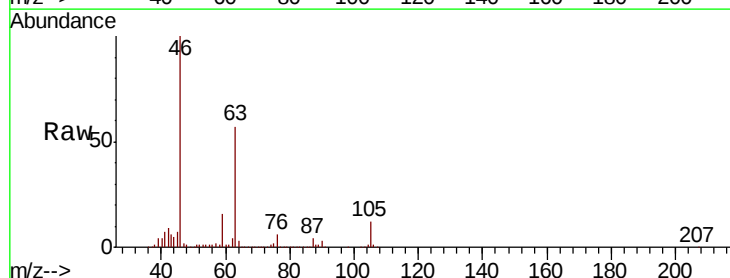
Tot Ion: 75 Resp: 8911
Ion Ratio Lower Upper
75 100
77 50.5 22.4 41.6#

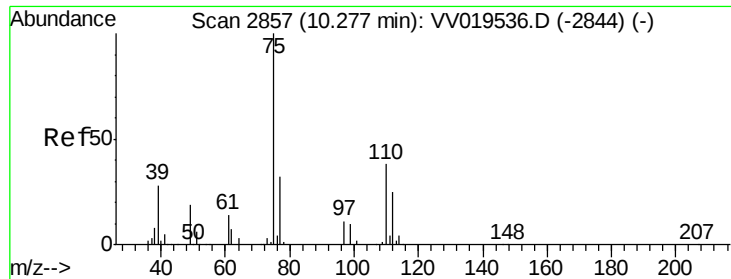


#48

2-Hexanone
Concen: 4.424 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
Lab File: VV019539.D
Acq: 11 Dec 2020 03:50

Tgt Ion: 43 Resp: 23669
Ion Ratio Lower Upper
43 100
58 24.6 44.4 66.6#
57 24.1 15.7 23.5#
100 0.0 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 6.590 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019539.D

Acq: 11 Dec 2020 03:50

Instrument :

MSVOA_V

ClientSampleId :

BG4H6

Tot Ion: 75 Resp: 40058

Ion Ratio Lower Upper

75 100

77 38.5 25.8 38.8

