

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019614.D
 Acq On : 14 Dec 2020 19:04
 Operator : SY/MD
 Sample : L4928-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4J6

Quant Time: Dec 15 07:24:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	622022	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	579361	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	263697	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	222641	49.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.84%
7) Chloroethane-d5	1.57	69	188450	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.14%
11) 1,1-Dichloroethene-d2	2.11	63	330531	39.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.86%
21) 2-Butanone-d5	3.89	46	256352	105.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.74%
24) Chloroform-d	4.35	84	409718	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
26) 1,2-Dichloroethane-d4	5.04	65	284014	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.12%
32) Benzene-d6	5.05	84	831016	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.56%
36) 1,2-Dichloropropane-d6	6.07	67	261676	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.12%
41) Toluene-d8	7.32	98	735393	52.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.72%
43) trans-1,3-Dichloropropene-	7.62	79	128338	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.22%
47) 2-Hexanone-d5	8.09	63	183858	96.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.78%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	327679	50.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.10%
64) 1,2-Dichlorobenzene-d4	11.63	152	266331	54.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.06%

Target Compounds

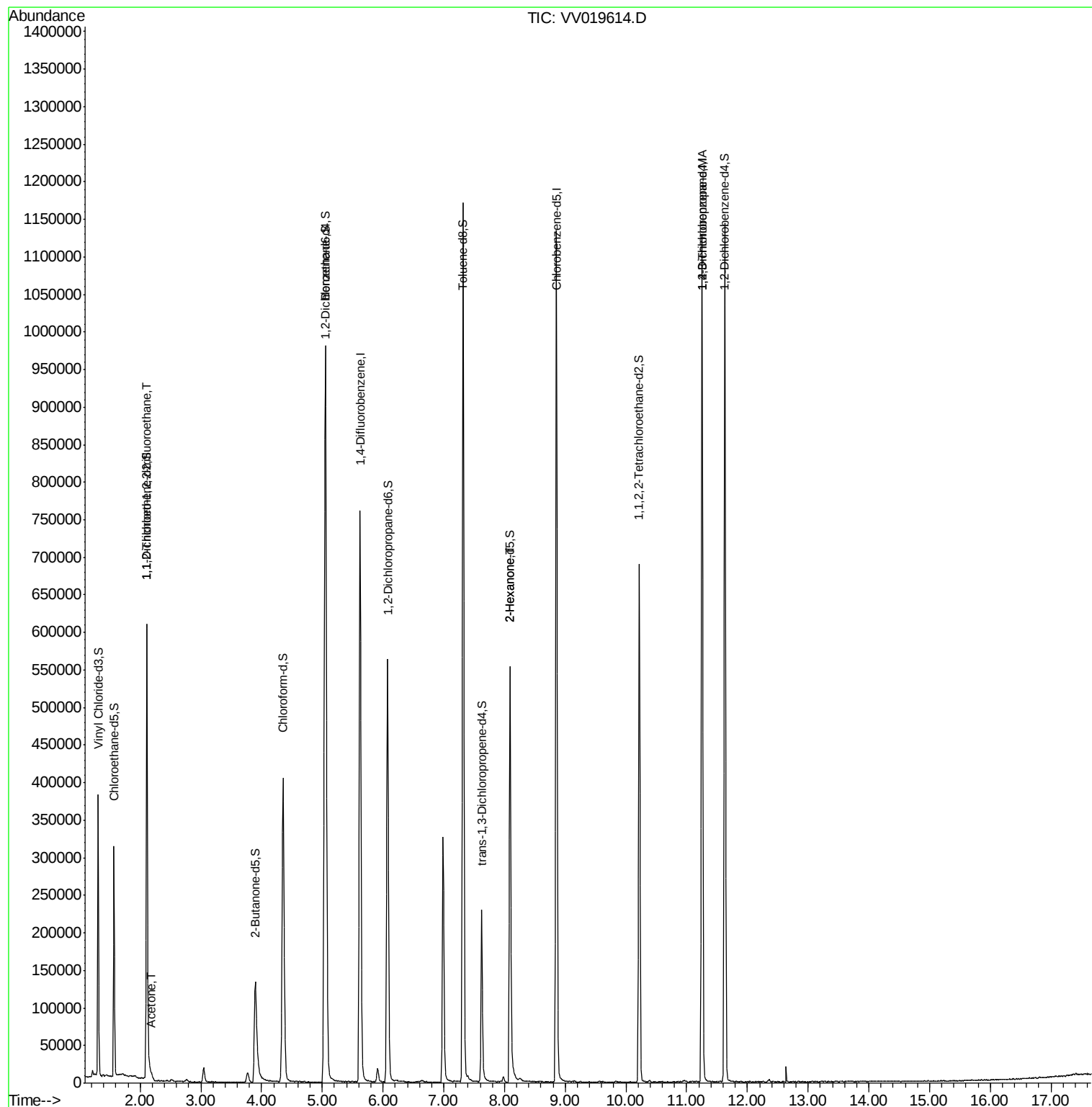
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2874	0.796 ug/L #	23
13) Acetone	2.19	43	9411	4.557 ug/L	99
48) 2-Hexanone	8.09	43	22903	4.731 ug/L #	70
59) 1,2,3-Trichloropropane	11.25	75	35584	6.470 ug/L	89

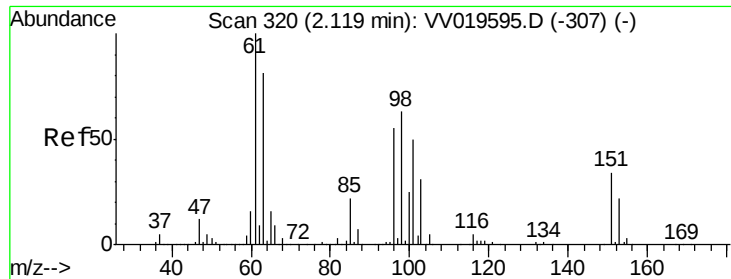
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.796 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019614.D

Acq: 14 Dec 2020 19:04

Instrument :

MSVOA_V

ClientSampled :

BG4J6

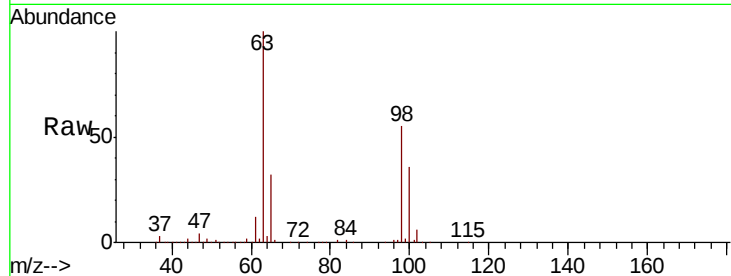
Tot Ion:101 Resp: 2874

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

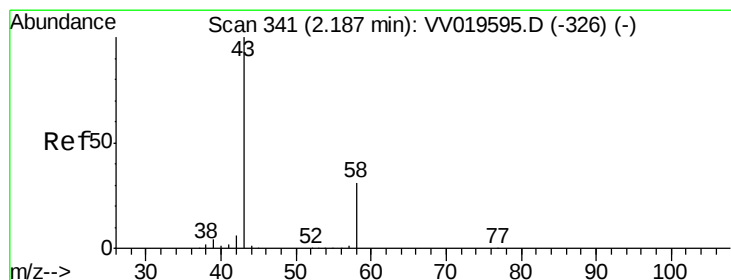
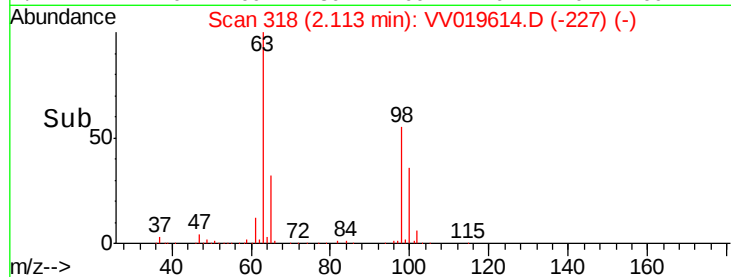
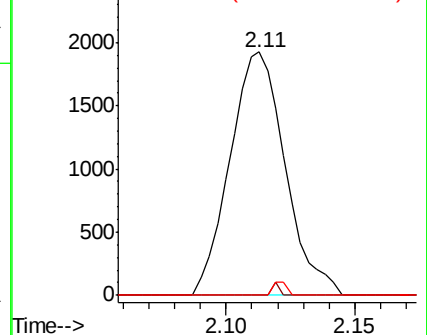
151 1.4 55.8 83.8#



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



#13

Acetone

Concen: 4.557 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV019614.D

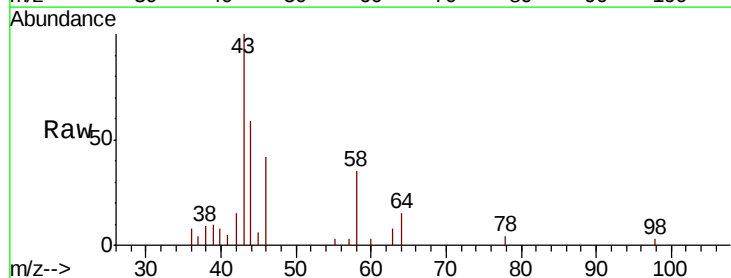
Acq: 14 Dec 2020 19:04

Tgt Ion: 43 Resp: 9411

Ion Ratio Lower Upper

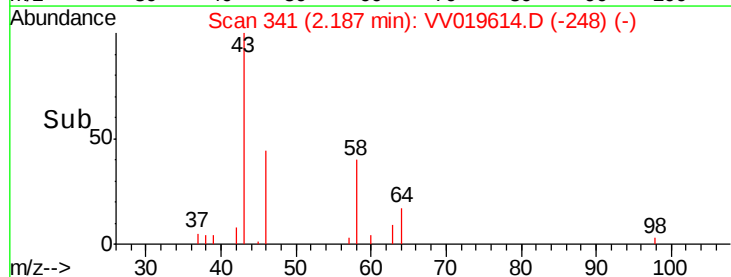
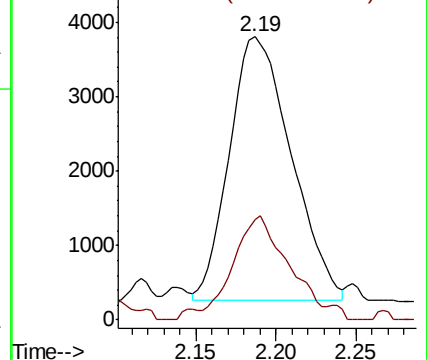
43 100

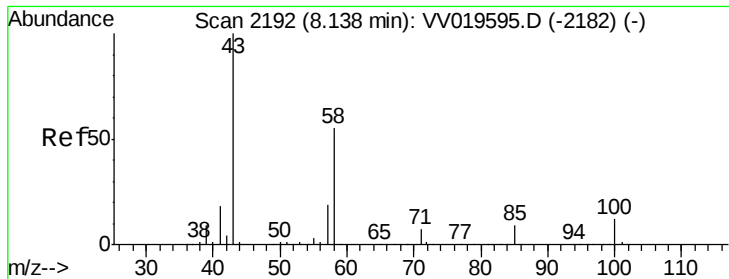
58 31.3 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#48

2-Hexanone

Concen: 4.731 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019614.D

Acq: 14 Dec 2020 19:04

Instrument :

MSVOA_V

ClientSampleId :

BG4J6

Tot Ion: 43 Resp: 22903

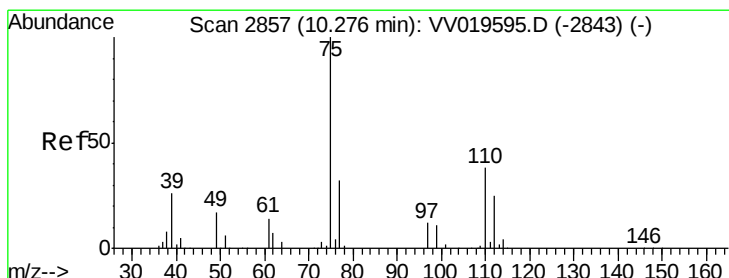
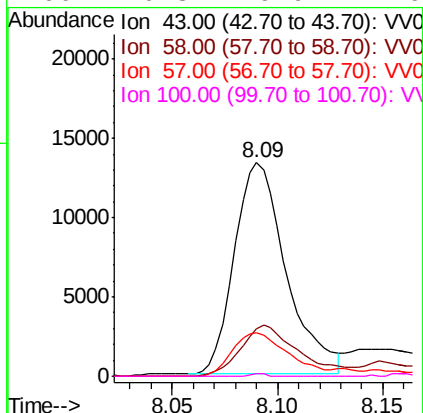
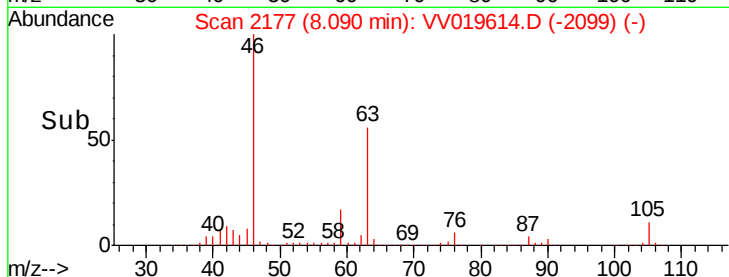
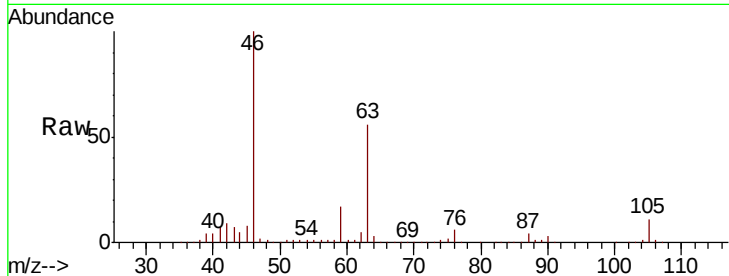
Ion Ratio Lower Upper

43 100

58 27.3 44.4 66.6#

57 22.1 15.7 23.5

100 0.3 9.9 14.9#



#59

1,2,3-Trichloropropane

Concen: 6.470 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019614.D

Acq: 14 Dec 2020 19:04

Tgt Ion: 75 Resp: 35584

Ion Ratio Lower Upper

75 100

77 38.7 25.8 38.8

