

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018922.D
 Acq On : 15 Oct 2020 19:48
 Operator : SY/MD
 Sample : L4382-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X1

Quant Time: Oct 16 08:47:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344483	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337101	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157008	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124068	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.50%
7) Chloroethane-d5	1.58	69	100812	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.74%
11) 1,1-Dichloroethene-d2	2.12	63	182186	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.06%
21) 2-Butanone-d5	3.91	46	175908	89.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.00%
24) Chloroform-d	4.37	84	223094	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.58%
26) 1,2-Dichloroethane-d4	5.06	65	155211	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
32) Benzene-d6	5.07	84	449687	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
36) 1,2-Dichloropropane-d6	6.09	67	147249	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.60%
41) Toluene-d8	7.34	98	397636	45.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.08%
43) trans-1,3-Dichloropropene-	7.64	79	66341	43.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.26%
47) 2-Hexanone-d5	8.11	63	91185	78.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	145480	39.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	156926	49.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.26%

Target Compounds

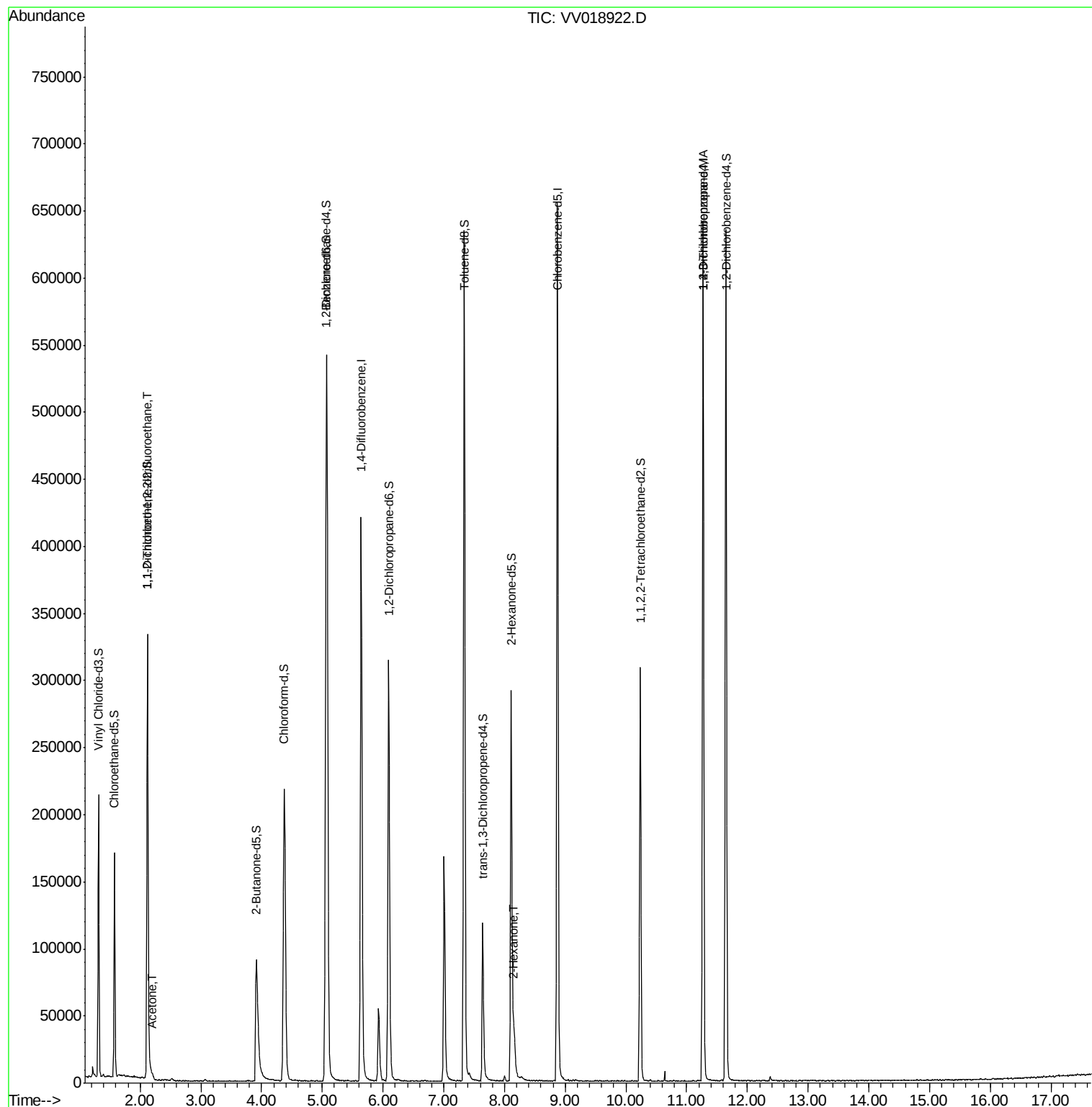
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1621	0.725 ug/L #	20
13) Acetone	2.20	43	5238	3.627 ug/L	89
48) 2-Hexanone	8.16	43	21889	7.237 ug/L #	89
59) 1,2,3-Trichloropropane	11.27	75	19338	5.775 ug/L	90

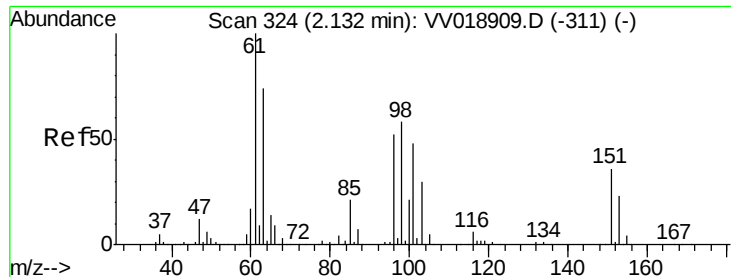
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.725 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018922.D

Acq: 15 Oct 2020 19:48

Instrument :

MSVOA_V

ClientSampled :

BG3X1

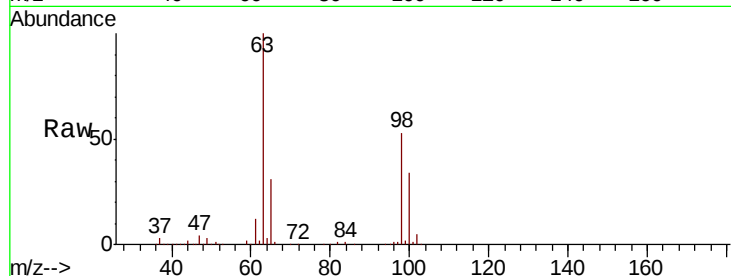
Tot Ion:101 Resp: 1621

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

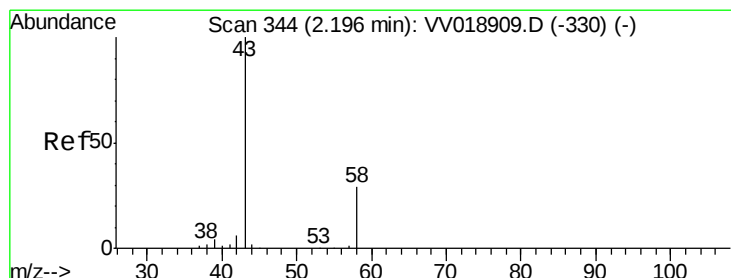
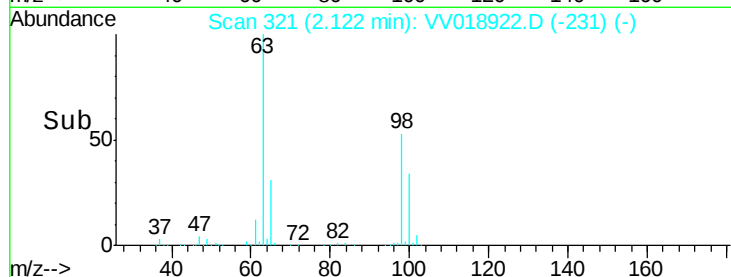
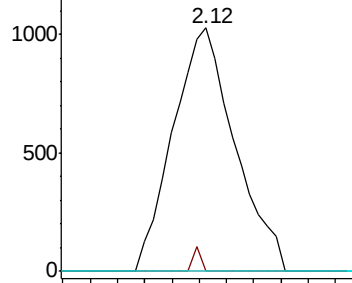
151 0.0 59.7 89.5#



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: 3.627 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV018922.D

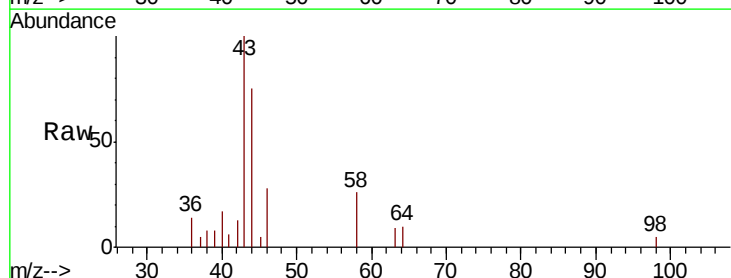
Acq: 15 Oct 2020 19:48

Tgt Ion: 43 Resp: 5238

Ion Ratio Lower Upper

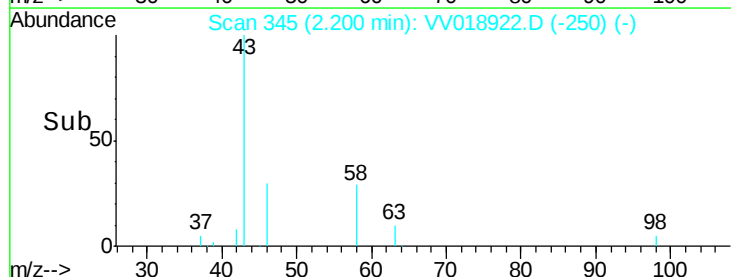
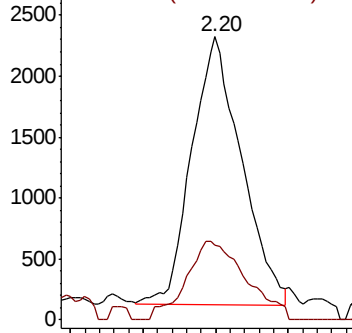
43 100

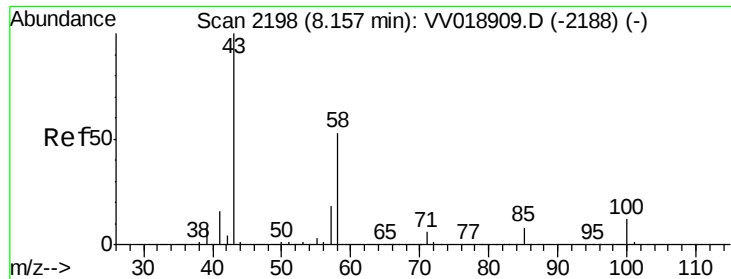
58 35.3 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

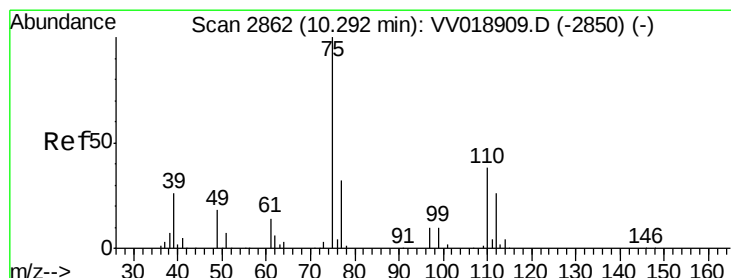
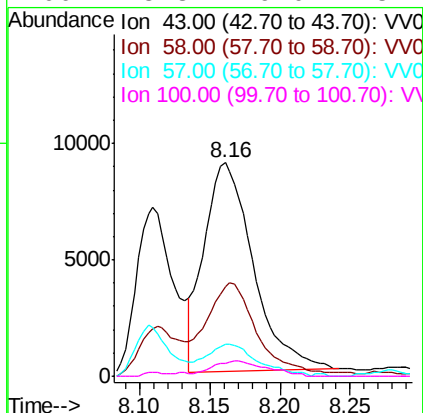
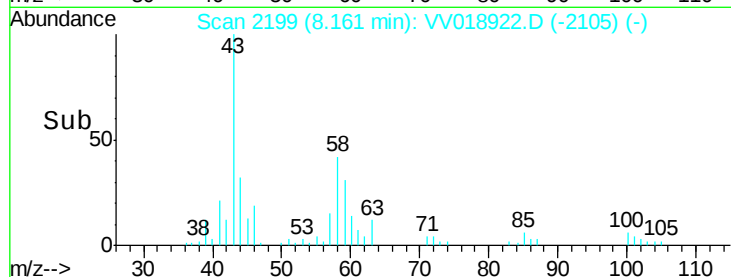
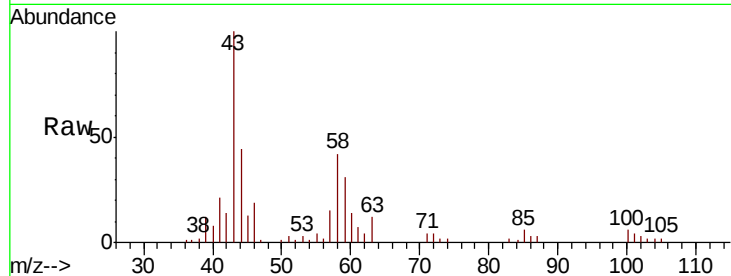




#48
 2-Hexanone
 Concen: 7.237 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018922.D
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Tot Ion: 43 Resp: 21889
 Ion Ratio Lower Upper
 43 100
 58 44.9 42.5 63.7
 57 15.4 14.5 21.7
 100 5.3 9.0 13.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.775 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018922.D
 Acq: 15 Oct 2020 19:48

Tgt Ion: 75 Resp: 19338
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.4 38.2

