

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033120\
 Data File : VV015305.D
 Acq On : 31 Mar 2020 11:45
 Operator : SY/MD
 Sample : L1985-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 01 01:24:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 01 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	546268	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	524966	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	228649	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	178884	44.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.82%
7) Chloroethane-d5	1.58	69	174182	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.98%
11) 1,1-Dichloroethene-d2	2.12	63	293855	34.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.42%
21) 2-Butanone-d5	3.93	46	244797	93.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.98%
24) Chloroform-d	4.37	84	333361	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
26) 1,2-Dichloroethane-d4	5.06	65	229283	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
32) Benzene-d6	5.07	84	660770	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
36) 1,2-Dichloropropane-d6	6.09	67	210217	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.10%
41) Toluene-d8	7.34	98	633660	47.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.58%
43) trans-1,3-Dichloropropene-	7.64	79	110663	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.84%
47) 2-Hexanone-d5	8.12	63	185308	92.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	288452	45.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	212875	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%

Target Compounds

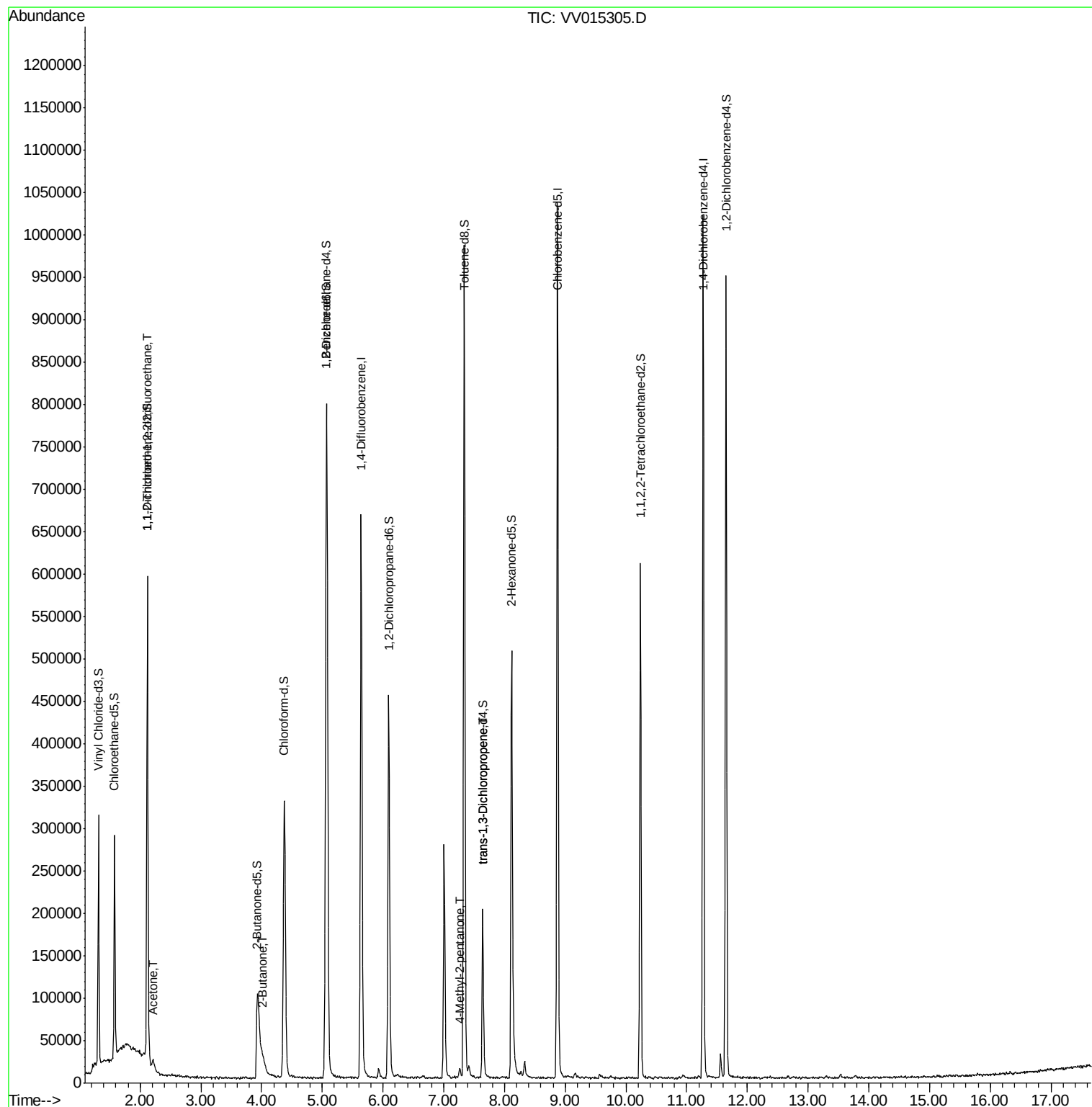
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2796	0.670 ug/L #	25
13) Acetone	2.21	43	21385	12.031 ug/L	86
22) 2-Butanone	4.02	43	8282	3.196 ug/L	83
40) 4-Methyl-2-pentanone	7.26	43	8486	1.615 ug/L #	93
44) trans-1,3-Dichloropropene	7.64	75	5417	0.923 ug/L	92

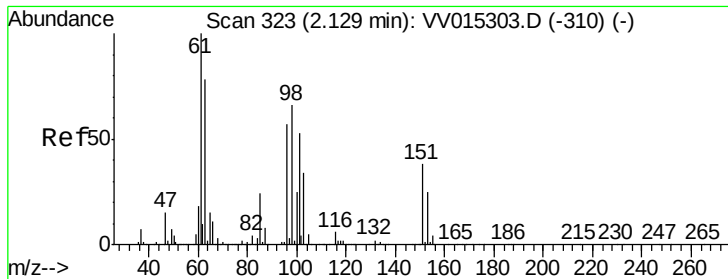
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.670 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015305.D

Acq: 31 Mar 2020 11:45

Instrument :

MSVOA_V

ClientSampleId :

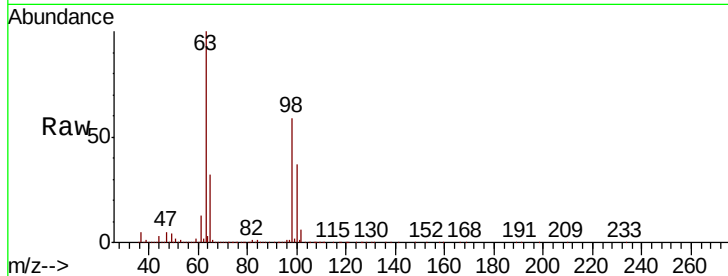
Tot Ion:101 Resp: 2796

Ion Ratio Lower Upper

101 100

85 1.3 35.0 52.6#

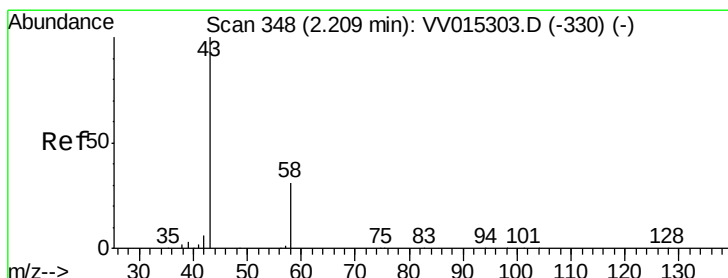
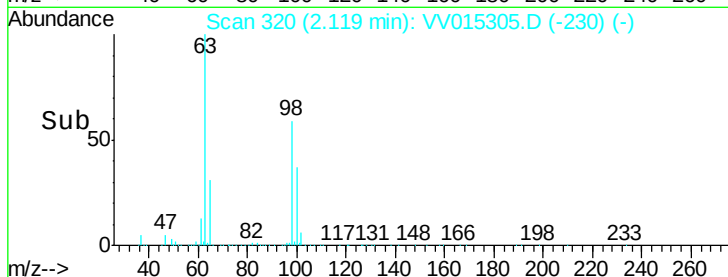
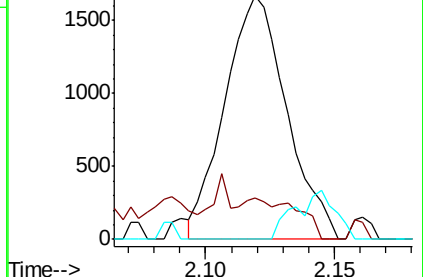
151 5.0 58.2 87.4#



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: 12.031 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV015305.D

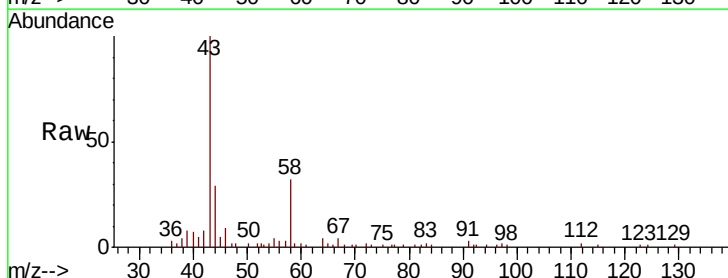
Acq: 31 Mar 2020 11:45

Tgt Ion: 43 Resp: 21385

Ion Ratio Lower Upper

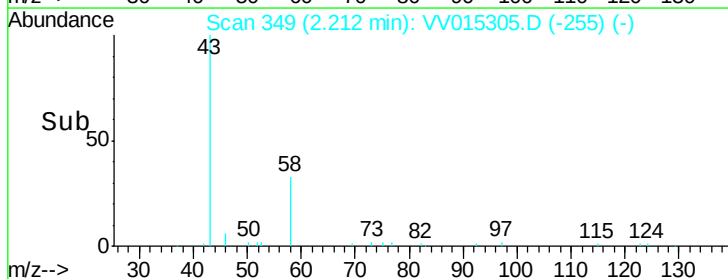
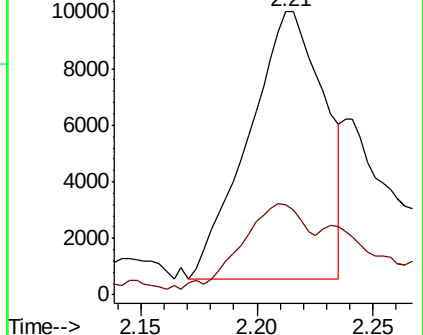
43 100

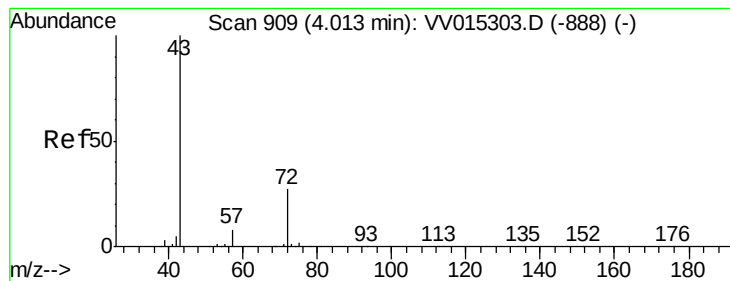
58 24.3 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#22

2-Butanone

Concen: 3.196 ug/L

RT: 4.02 min Scan# 911

Delta R.T. 0.01 min

Lab File: VV015305.D

Acq: 31 Mar 2020 11:45

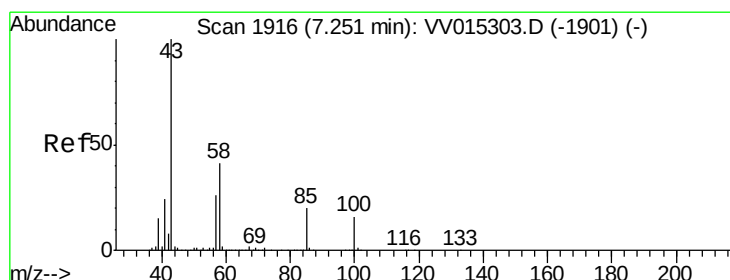
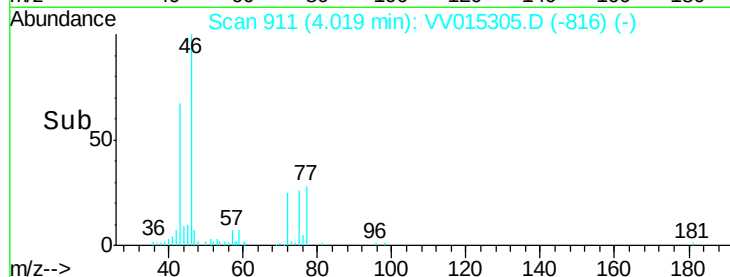
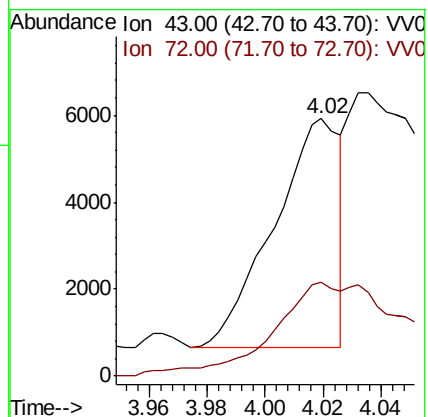
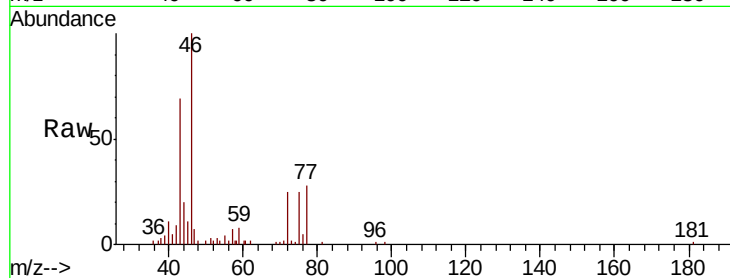
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8282

Ion Ratio Lower Upper

43 100

72 33.4 12.4 37.0



#40

4-Methyl-2-pentanone

Concen: 1.615 ug/L

RT: 7.26 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VV015305.D

Acq: 31 Mar 2020 11:45

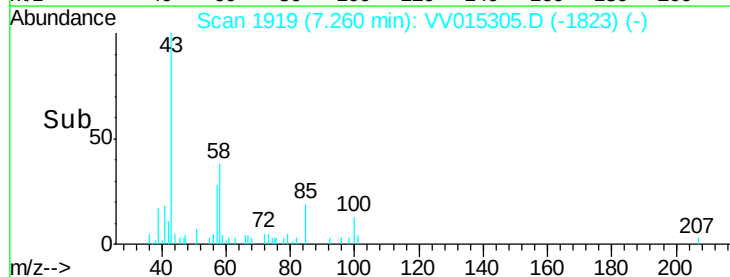
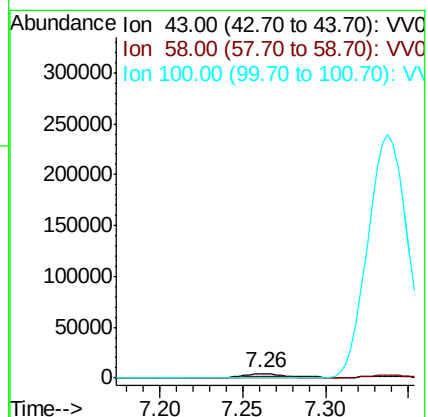
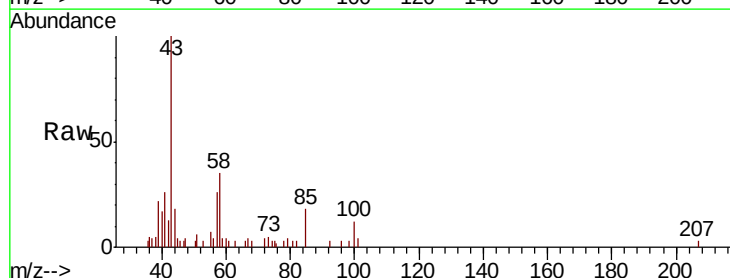
Tgt Ion: 43 Resp: 8486

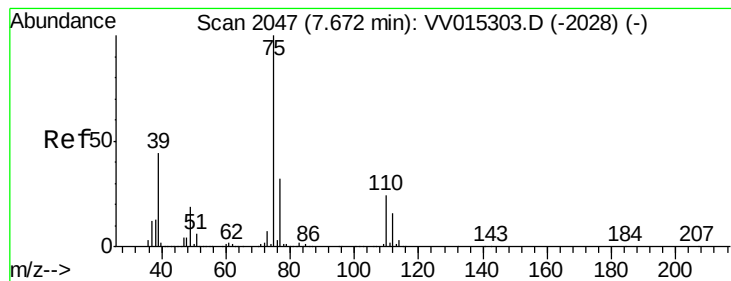
Ion Ratio Lower Upper

43 100

58 42.8 32.9 49.3

100 9.5 13.9 20.9#





#44

trans-1,3-Dichloropropene

Concen: 0.923 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015305.D

Acq: 31 Mar 2020 11:45

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 5417

Ion Ratio Lower Upper

75 100

77 35.5 21.8 40.4

