

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015224.D
 Acq On : 28 Mar 2020 04:45
 Operator : SY/MD
 Sample : L1985-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 05:28:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	574579	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	528716	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	224521	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	128041	54.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.84%
7) Chloroethane-d5	1.38	69	228	0.09	ug/L	-0.20
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.18%#
11) 1,1-Dichloroethene-d2	2.12	63	199040	34.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.28%
21) 2-Butanone-d5	3.94	46	222624	80.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.61%
24) Chloroform-d	4.38	84	271280	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
26) 1,2-Dichloroethane-d4	5.06	65	178836	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.26%
32) Benzene-d6	5.08	84	488017	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.84%
36) 1,2-Dichloropropane-d6	6.10	67	168681	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.76%
41) Toluene-d8	7.34	98	438989	53.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.02%
43) trans-1,3-Dichloropropene-	7.64	79	82369	44.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.40%
47) 2-Hexanone-d5	8.12	63	167686	83.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	251646	40.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	170181	44.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.86%

Target Compounds

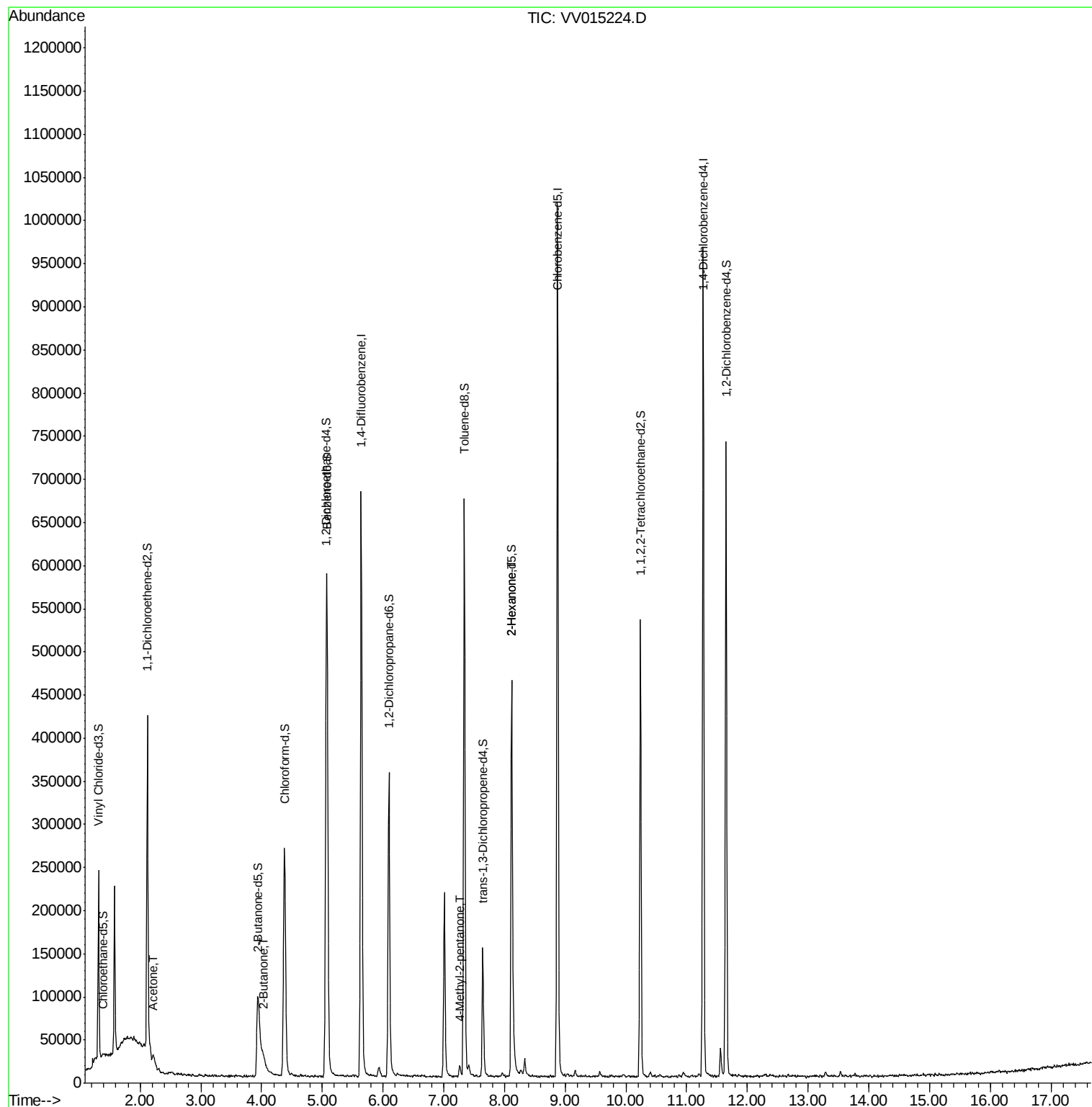
					Ovalue
13) Acetone	2.22	43	27791	17.238	ug/L # 100
22) 2-Butanone	4.04	43	23243	8.877	ug/L 89
40) 4-Methyl-2-pentanone	7.26	43	9092	1.662	ug/L 97
48) 2-Hexanone	8.12	43	21938	5.249	ug/L # 84

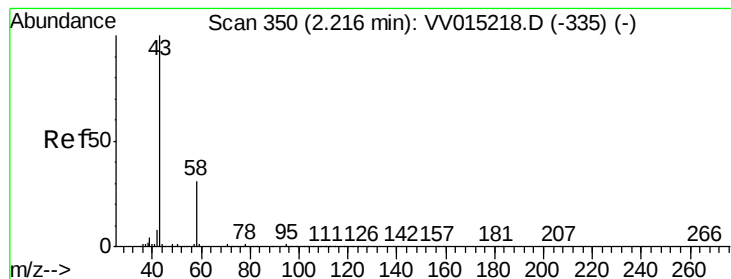
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.238 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.00 min

Lab File: VV015224.D

Acq: 28 Mar 2020 04:45

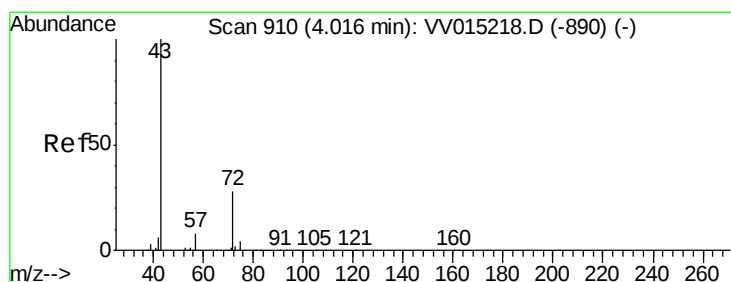
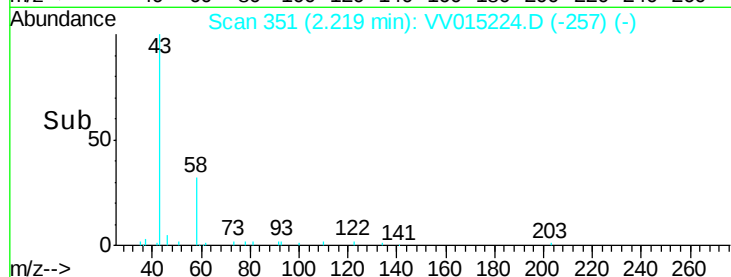
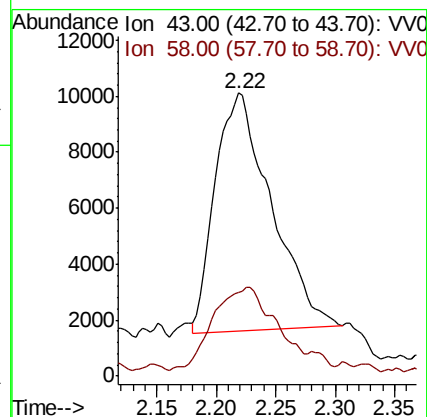
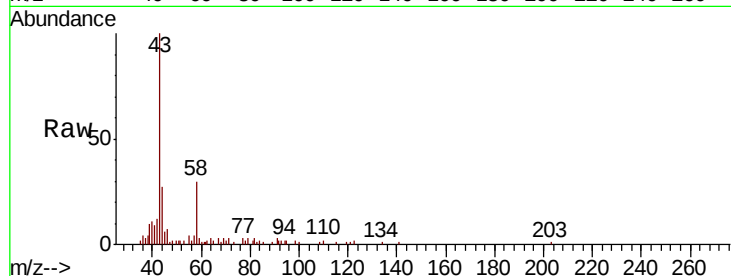
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 27791

Ion Ratio Lower Upper

43 100

58 27.6 0.0 0.0#



#22

2-Butanone

Concen: 8.877 ug/L

RT: 4.04 min Scan# 916

Delta R.T. 0.02 min

Lab File: VV015224.D

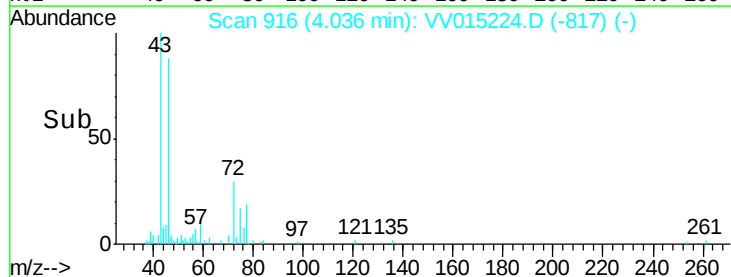
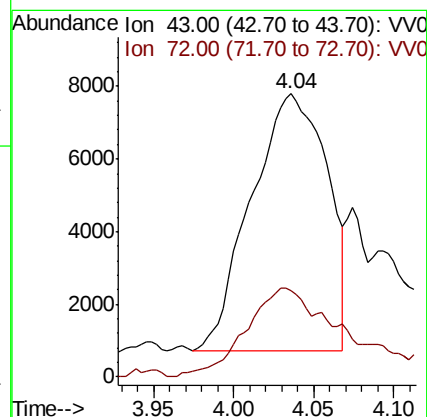
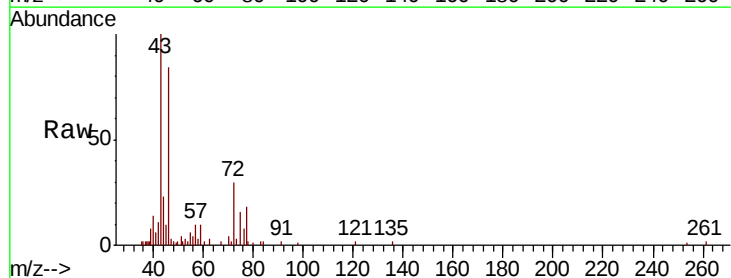
Acq: 28 Mar 2020 04:45

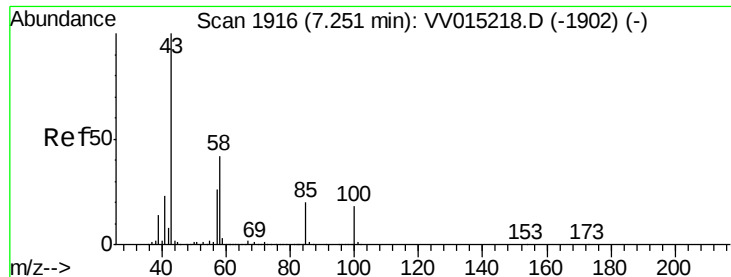
Tgt Ion: 43 Resp: 23243

Ion Ratio Lower Upper

43 100

72 24.6 9.8 29.5





#40

4-Methyl-2-pentanone

Concen: 1.662 ug/L

RT: 7.26 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VV015224.D

Acq: 28 Mar 2020 04:45

Instrument :
MSVOA_V
ClientSampleId :

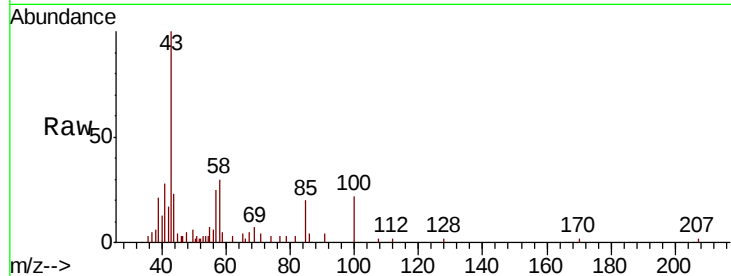
Tot Ion: 43 Resp: 9092

Ion Ratio Lower Upper

43 100

58 41.4 32.5 48.7

100 19.4 13.4 20.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

200000

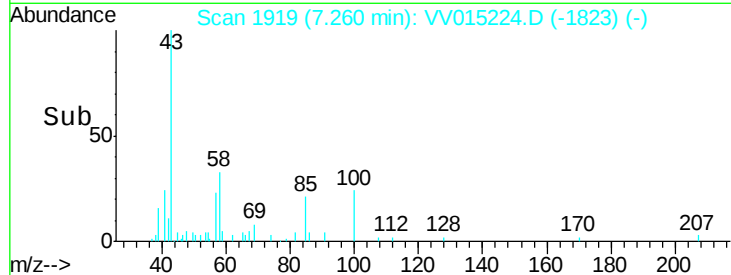
150000

100000

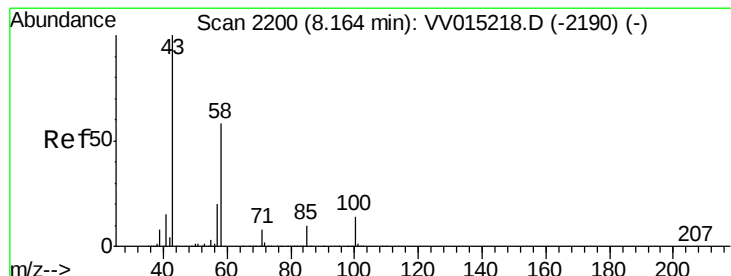
50000

0

Time-->



Time-->



#48

2-Hexanone

Concen: 5.249 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015224.D

Acq: 28 Mar 2020 04:45

Tgt Ion: 43 Resp: 21938

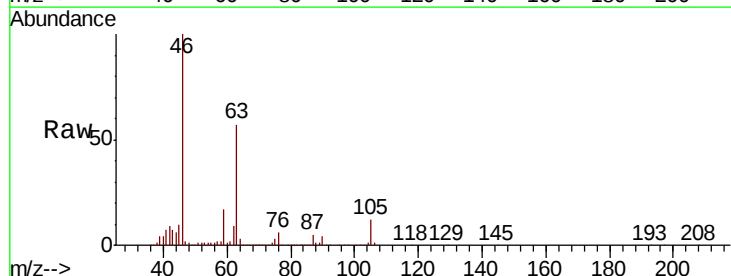
Ion Ratio Lower Upper

43 100

58 45.9 45.5 68.3

57 15.8 15.8 23.6

100 1.0 10.9 16.3#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

15000

10000

5000

0

Time-->

