

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016827.D
 Acq On : 07 Oct 2020 11:44
 Operator : SY/VA
 Sample : L4235-16RE
 Misc : 4.05G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AQ2RE

Quant Time: Oct 08 08:53:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	468340	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339153	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	107607	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	141934	30.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.88%
7) Chloroethane-d5	2.90	69	119474	30.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.32%
10) 1,1-Dichloroethene-d2	4.03	63	195285	19.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.60%
20) 2-Butanone-d5	7.08	46	51384	49.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.20%
24) Chloroform-d	7.65	84	261794	26.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.96%
26) 1,2-Dichloroethane-d4	8.31	65	134920	28.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.08%
29) Benzene-d6	8.28	84	525546	34.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	136.48%#
33) 1,2-Dichloropropane-d6	9.28	67	143438	34.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.60%#
37) Toluene-d8	10.33	98	444905	30.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	122.44%
38) trans-1,3-Dichloropropene-	10.58	79	51417	28.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.64%
39) 2-Hexanone-d5	10.93	63	40704	63.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91374	27.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	90963	26.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.60%

Target Compounds

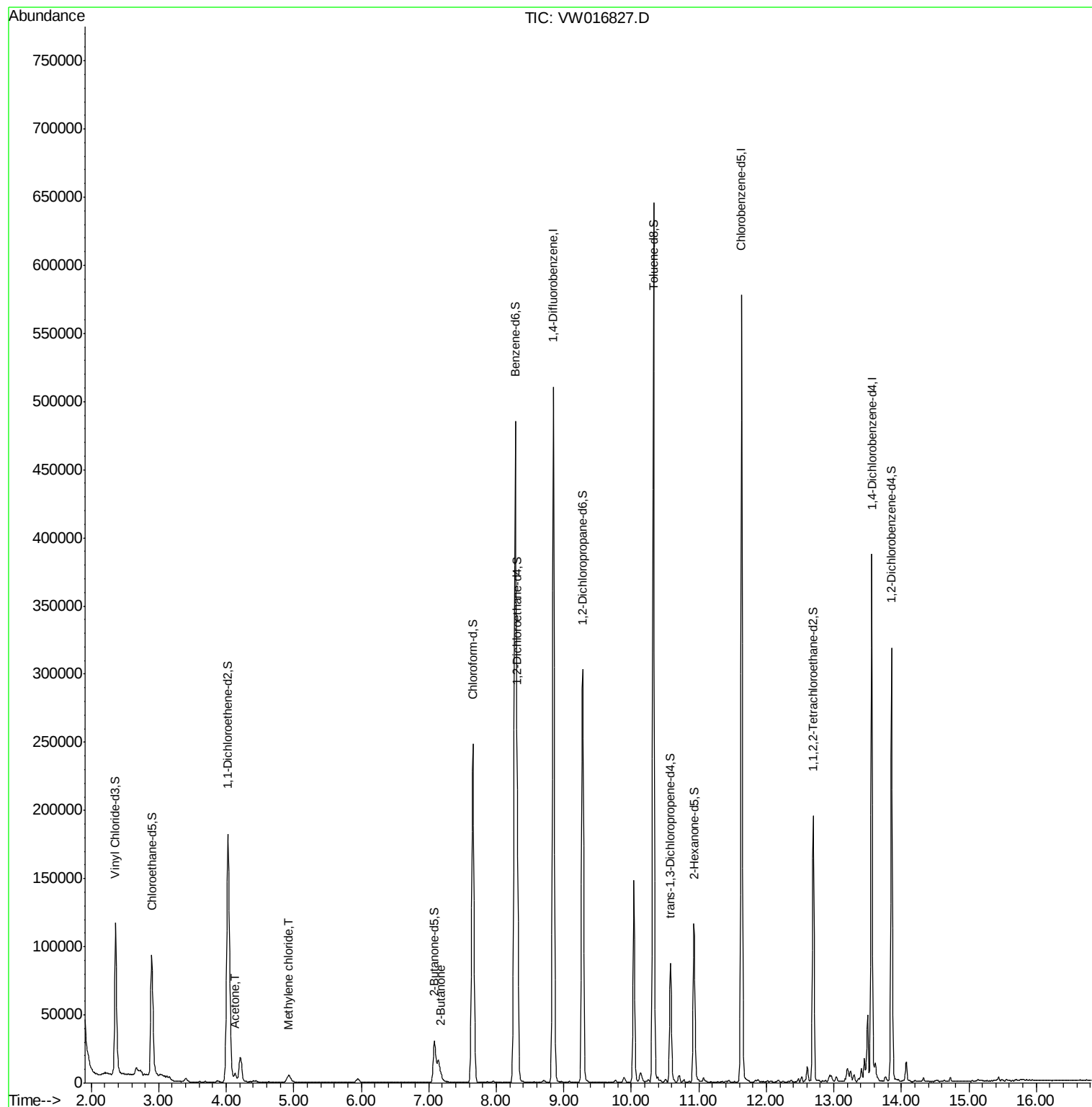
					Ovalue
13) Acetone	4.13	43	10151	12.818	ug/L 97
16) Methylene chloride	4.92	84	4781	0.740	ug/L 92
21) 2-Butanone	7.18	43	6784	5.103	ug/L 80

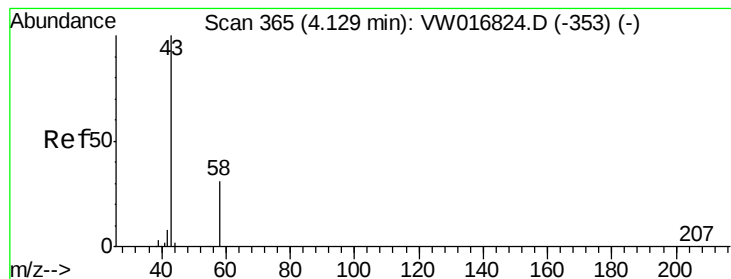
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.818 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016827.D

Acq: 07 Oct 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

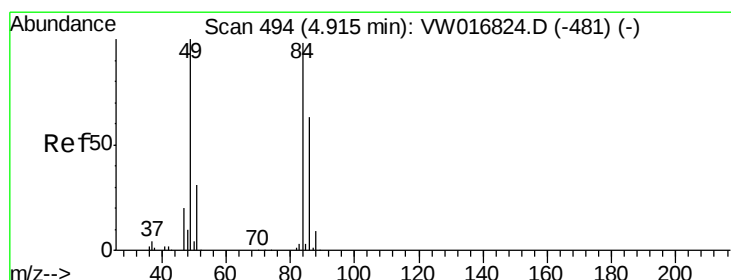
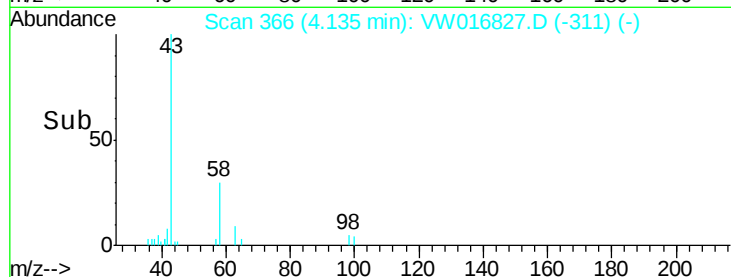
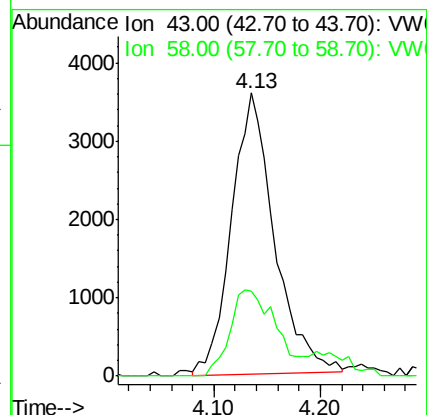
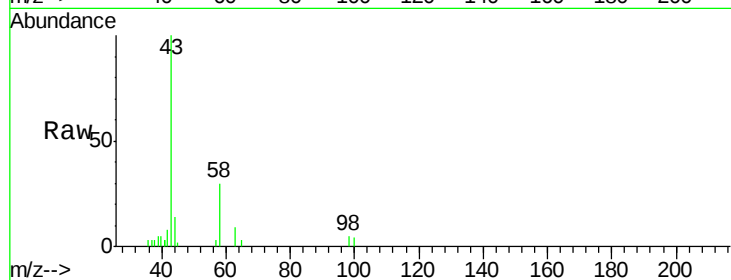
C0AQ2RE

Tot Ion: 43 Resp: 10151

Ion Ratio Lower Upper

43 100

58 32.2 0.0 67.6



#16

Methylene chloride

Concen: 0.740 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Acq: 07 Oct 2020 11:44

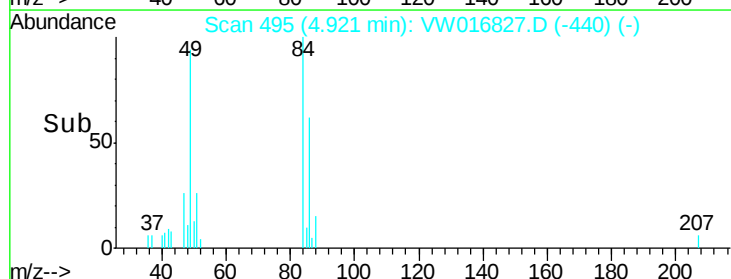
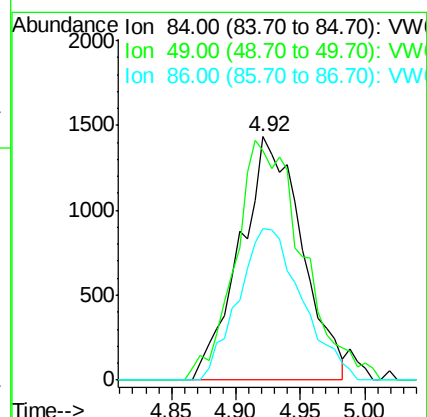
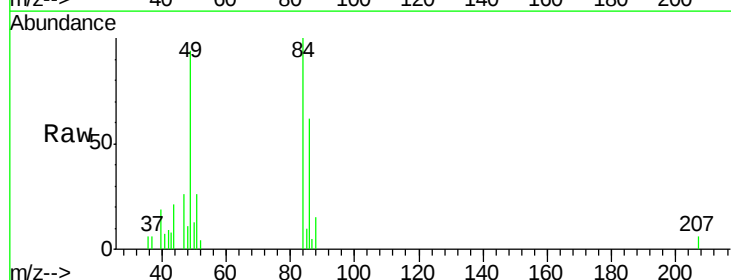
Tgt Ion: 84 Resp: 4781

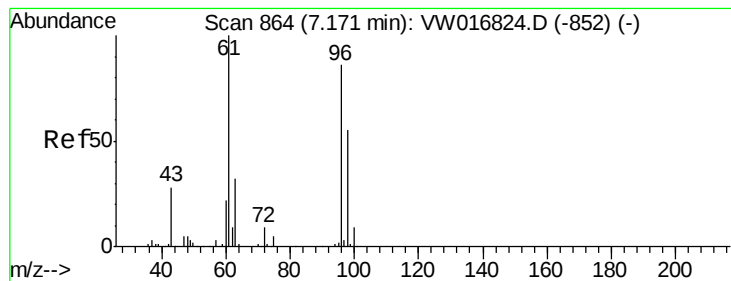
Ion Ratio Lower Upper

84 100

49 94.3 73.1 135.8

86 62.5 46.0 85.4





#21

2-Butanone

Concen: 5.103 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW016827.D

Acq: 07 Oct 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

C0AQ2RE

Tot Ion: 43 Resp: 6784

Ion Ratio Lower Upper

43 100

72 21.3 16.2 48.5

