

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017307.D
 Acq On : 18 Nov 2020 00:19
 Operator : SY/VA
 Sample : L4738-13
 Misc : 5.79G/10ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y0

Quant Time: Nov 18 05:43:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	485048	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125377	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105897	17.33	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.32%
7) Chloroethane-d5	2.89	69	96640	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.12%
10) 1,1-Dichloroethene-d2	4.02	63	157973	14.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.84%
20) 2-Butanone-d5	7.08	46	50904	37.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.52%
24) Chloroform-d	7.65	84	267132	23.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	8.31	65	132810	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.36%
29) Benzene-d6	8.27	84	508139	24.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.76%
33) 1,2-Dichloropropane-d6	9.27	67	145679	25.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.36%
37) Toluene-d8	10.32	98	465533	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.96%
38) trans-1,3-Dichloropropene-	10.58	79	52966	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.56%
39) 2-Hexanone-d5	10.93	63	39190	39.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102406	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	102951	23.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.24%

Target Compounds

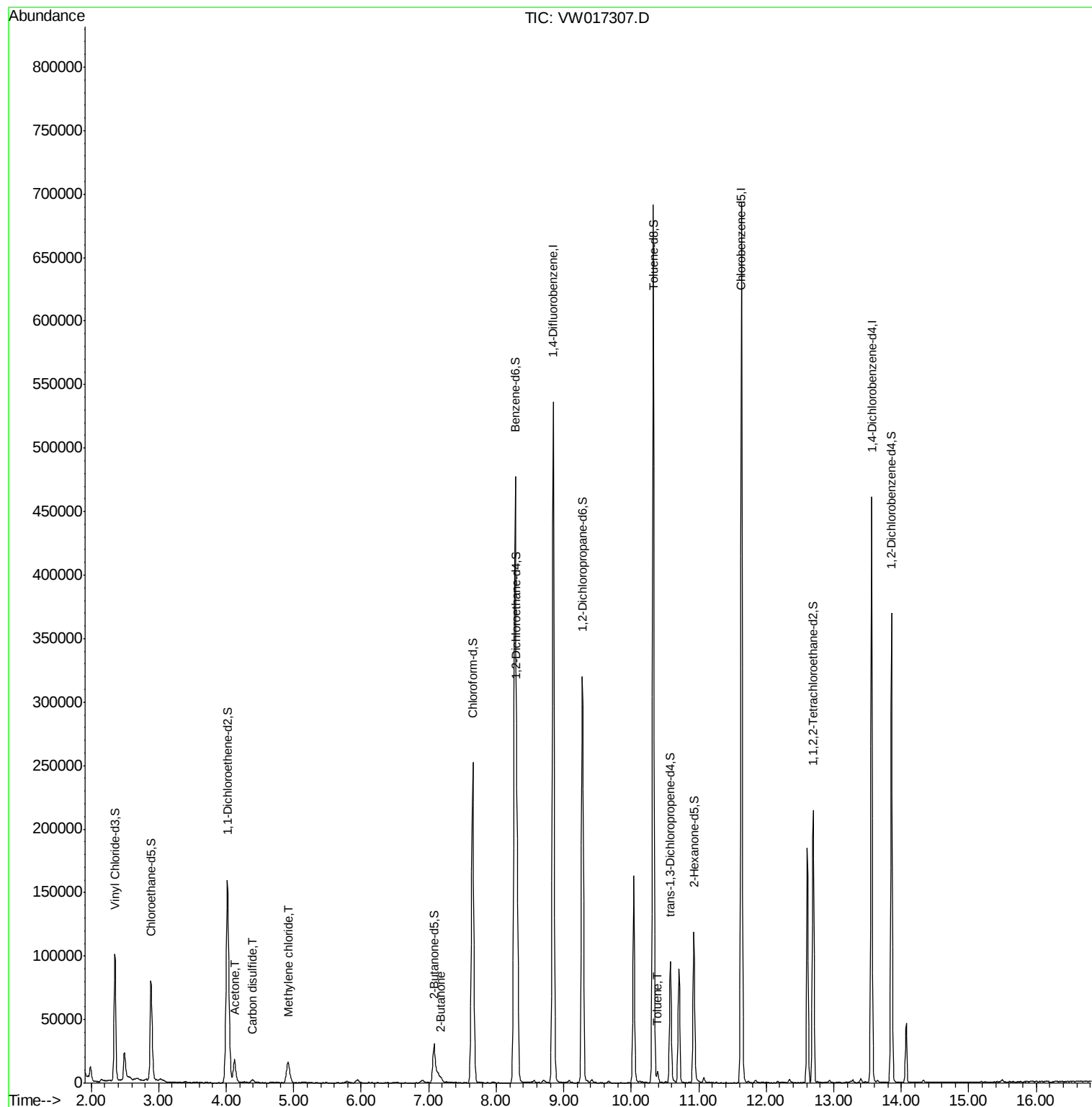
					Ovalue
13) Acetone	4.12	43	30461	33.298	ug/L 95
14) Carbon disulfide	4.39	76	4165	0.254	ug/L 99
16) Methylene chloride	4.92	84	14400	2.202	ug/L 99
21) 2-Butanone	7.18	43	5430	3.697	ug/L 79
44) Toluene	10.39	91	6002	0.257	ug/L 99

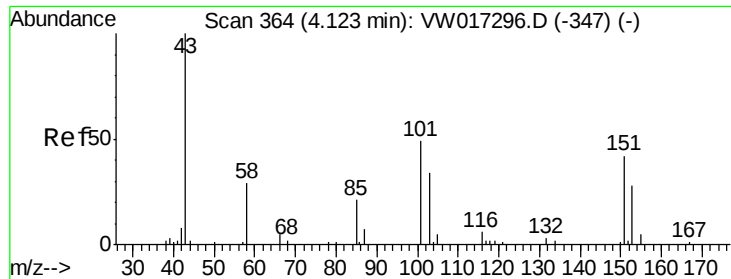
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 33.298 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW017307.D

Acq: 18 Nov 2020 00:19

Instrument :

MSVOA_W

ClientSampleId :

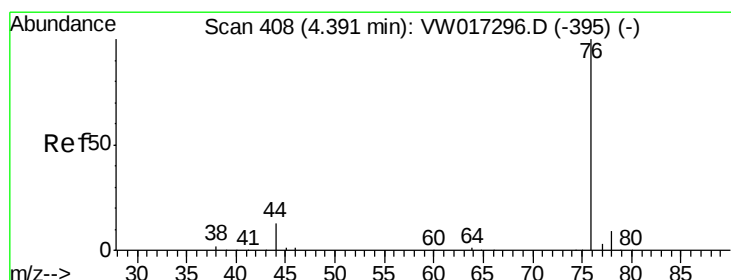
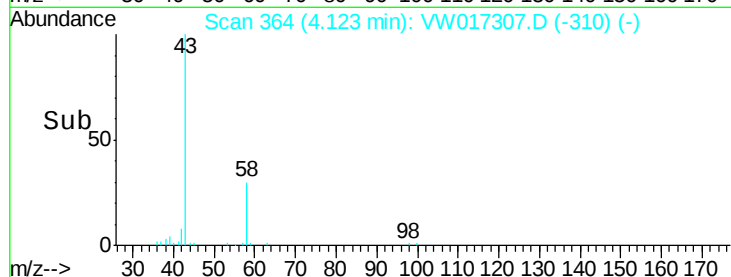
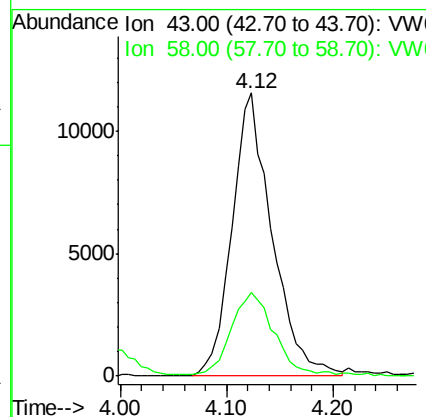
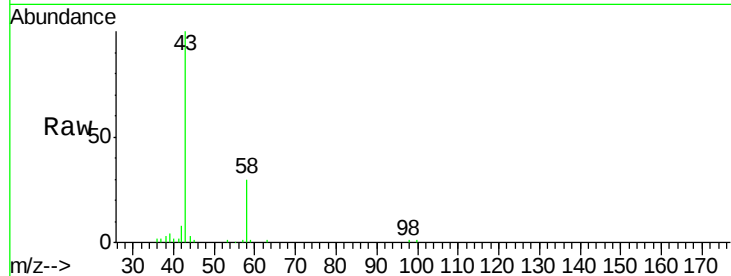
GB0Y0

Tot Ion: 43 Resp: 30461

Ion Ratio Lower Upper

43 100

58 31.6 0.0 69.2



#14

Carbon disulfide

Concen: 0.254 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW017307.D

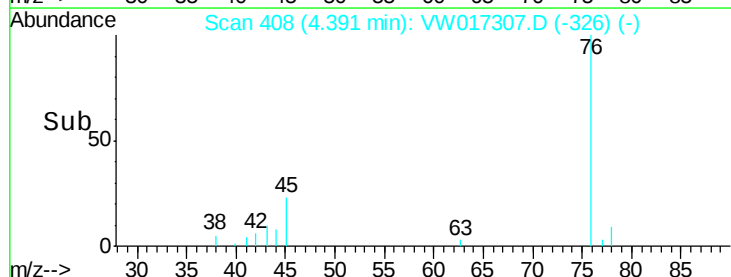
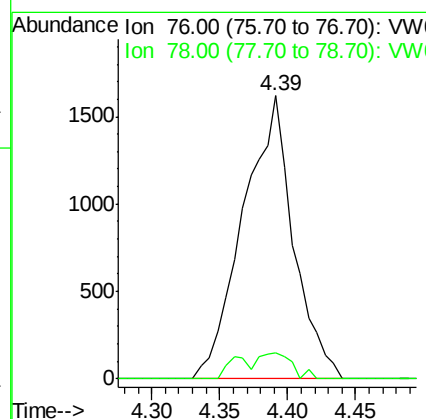
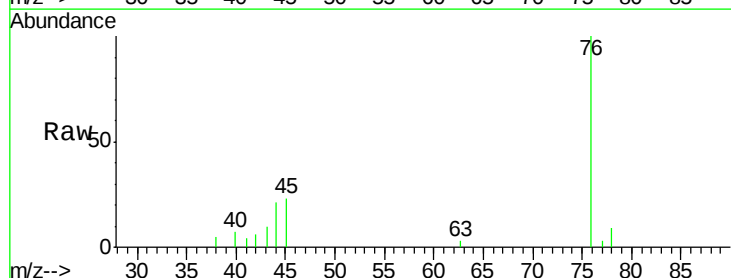
Acq: 18 Nov 2020 00:19

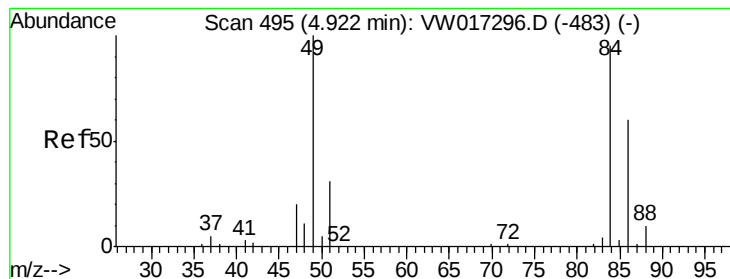
Tgt Ion: 76 Resp: 4165

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4





#16

Methvlene chloride

Concen: 2.202 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017307.D

Acq: 18 Nov 2020 00:19

Instrument :

MSVOA_W

ClientSampled :

GB0Y0

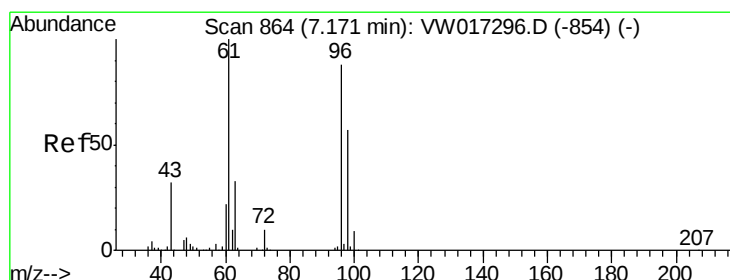
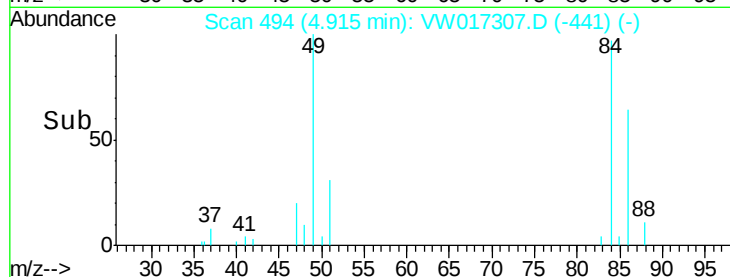
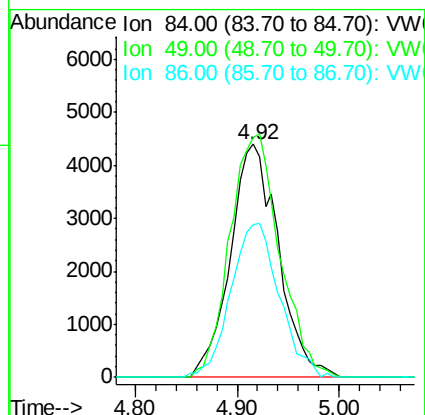
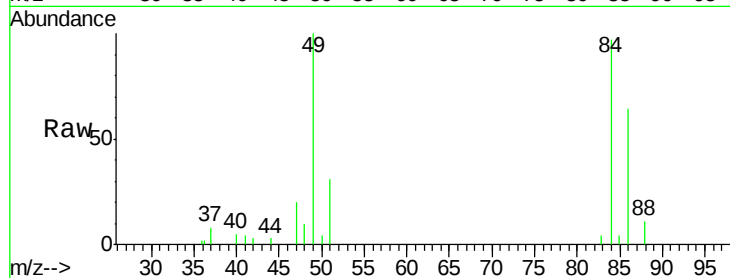
Tot Ion: 84 Resp: 14400

Ion Ratio Lower Upper

84 100

49 102.7 72.3 134.3

86 65.3 45.1 83.7



#21

2-Butanone

Concen: 3.697 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW017307.D

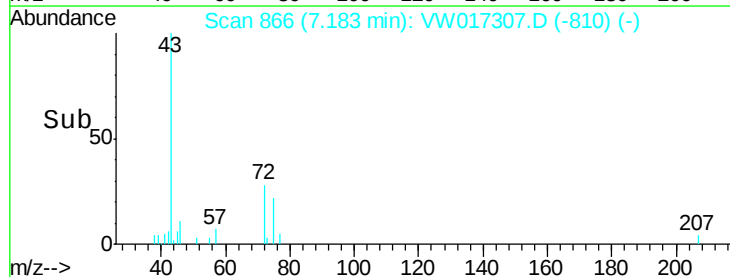
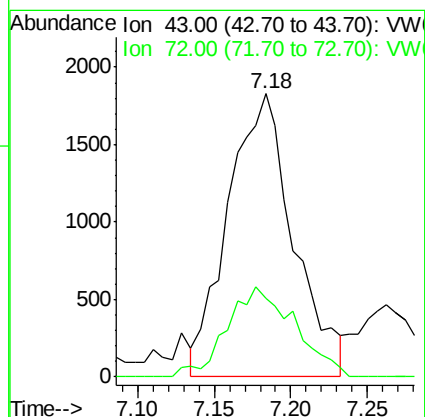
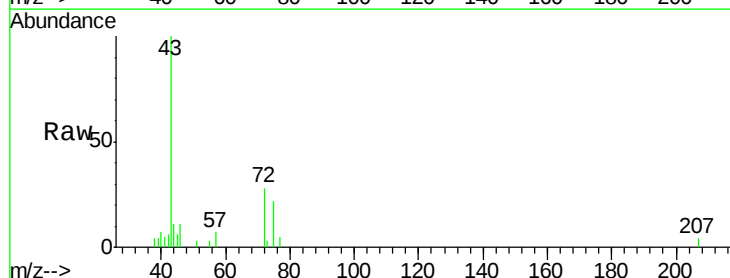
Acq: 18 Nov 2020 00:19

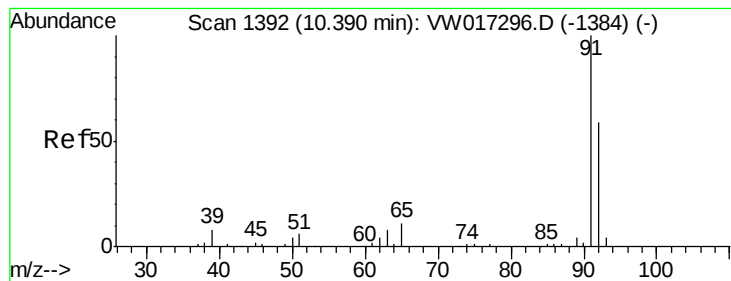
Tgt Ion: 43 Resp: 5430

Ion Ratio Lower Upper

43 100

72 20.5 16.1 48.3





#44
Toluene
Concen: 0.257 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW017307.D
Acq: 18 Nov 2020 00:19

Instrument :
MSVOA_W
ClientSampleId :
GB0Y0

Tot Ion: 91 Resp: 6002
Ion Ratio Lower Upper
91 100
92 59.8 41.4 76.8

