

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017308.D
 Acq On : 18 Nov 2020 00:42
 Operator : SY/VA
 Sample : L4738-14
 Misc : 6.78G/10ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y1

Quant Time: Nov 18 05:46:14 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	8.85	114	421966	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	395484	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176149	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96278	18.11	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.44%
7) Chloroethane-d5	2.89	69	87216	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.16%
10) 1,1-Dichloroethene-d2	4.02	63	144072	15.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.60%
20) 2-Butanone-d5	7.09	46	49810	41.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.82%
24) Chloroform-d	7.65	84	245197	24.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.56%
26) 1,2-Dichloroethane-d4	8.31	65	129528	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.80%
29) Benzene-d6	8.27	84	463800	23.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.12%
33) 1,2-Dichloropropane-d6	9.27	67	136727	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.16%
37) Toluene-d8	10.33	98	438311	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.32%
38) trans-1,3-Dichloropropene-	10.58	79	55454	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.32%
39) 2-Hexanone-d5	10.93	63	43387	44.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116518	24.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	155419	25.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.16%

Target Compounds

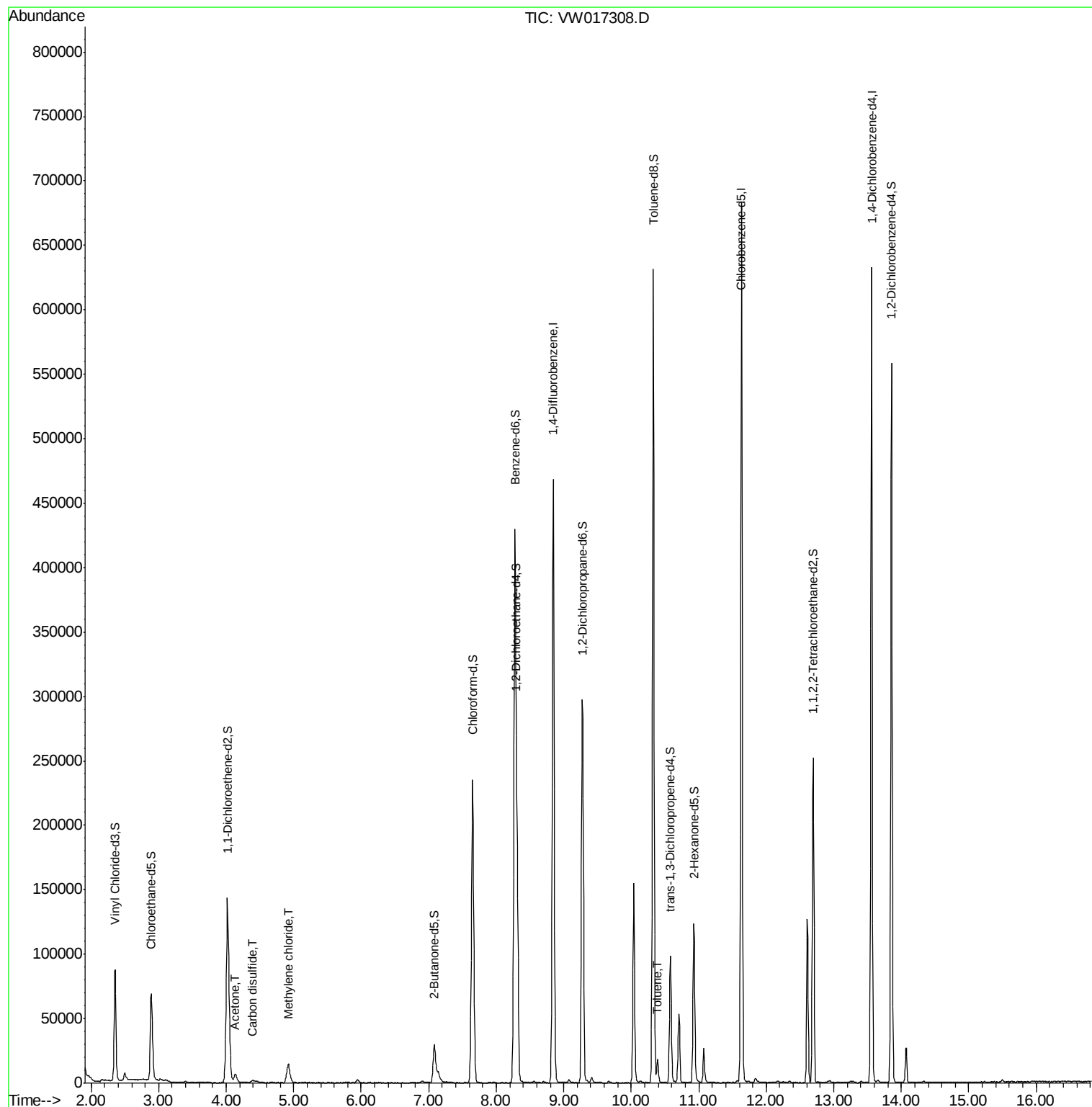
					Ovalue
13) Acetone	4.14	43	12224	15.360	ug/L 93
14) Carbon disulfide	4.39	76	3765	0.264	ug/L 99
16) Methylene chloride	4.93	84	12497	2.197	ug/L 93
44) Toluene	10.39	91	13710	0.600	ug/L 98

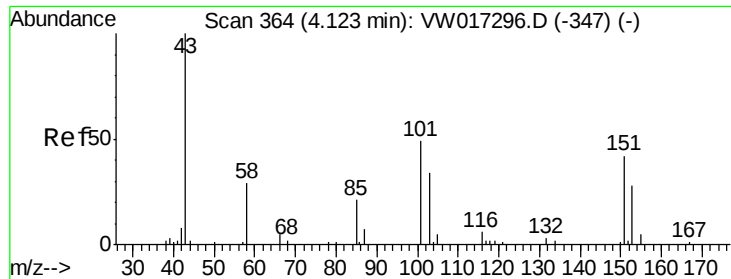
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.360 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017308.D

Acq: 18 Nov 2020 00:42

Instrument :

MSVOA_W

ClientSampled :

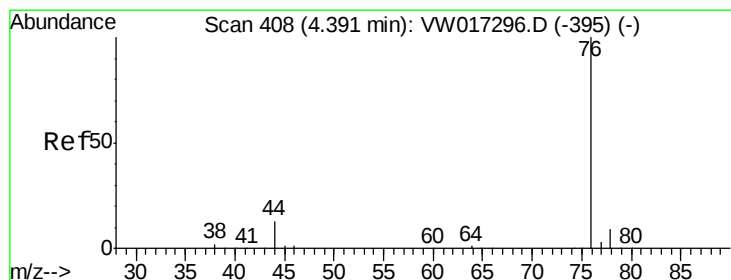
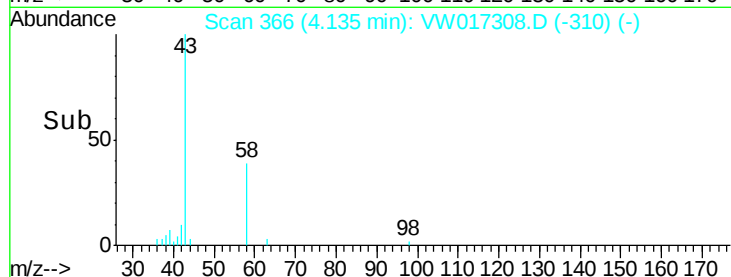
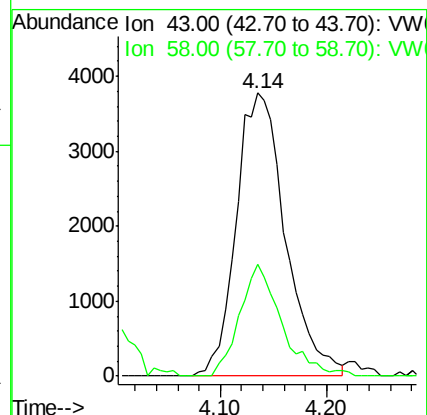
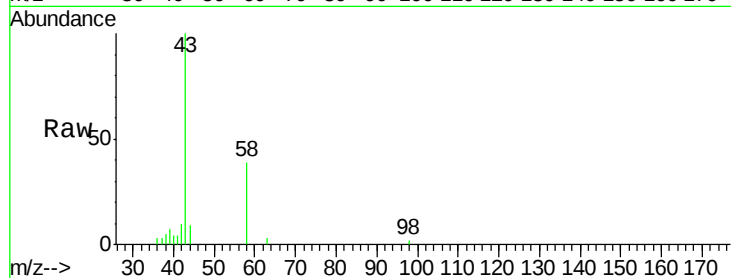
GB0Y1

Tot Ion: 43 Resp: 12224

Ion Ratio Lower Upper

43 100

58 30.5 0.0 69.2



#14

Carbon disulfide

Concen: 0.264 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW017308.D

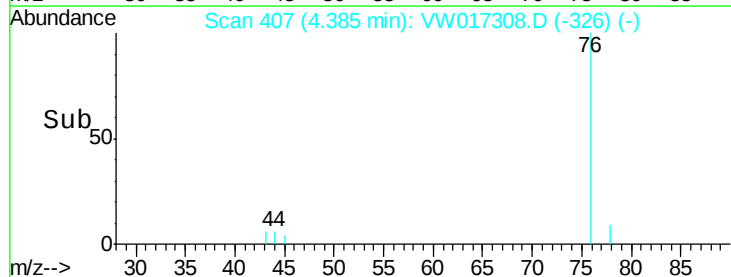
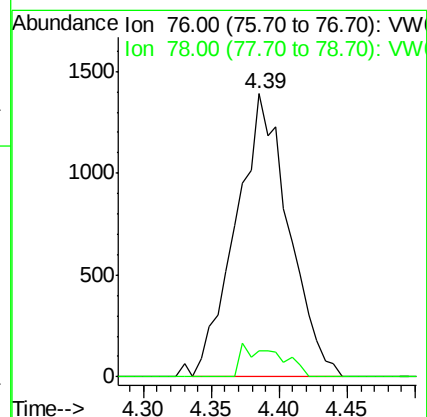
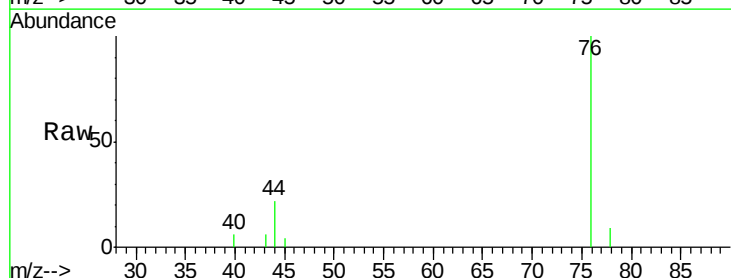
Acq: 18 Nov 2020 00:42

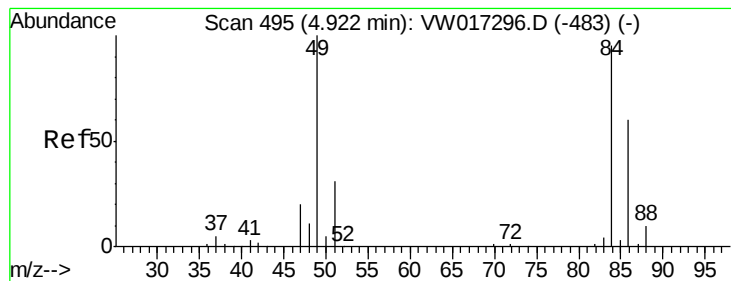
Tgt Ion: 76 Resp: 3765

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4





#16

Methvlene chloride

Concen: 2.197 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017308.D

Acq: 18 Nov 2020 00:42

Instrument :

MSVOA_W

ClientSampled :

GB0Y1

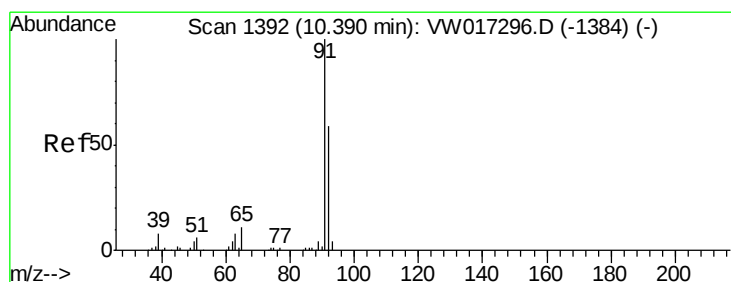
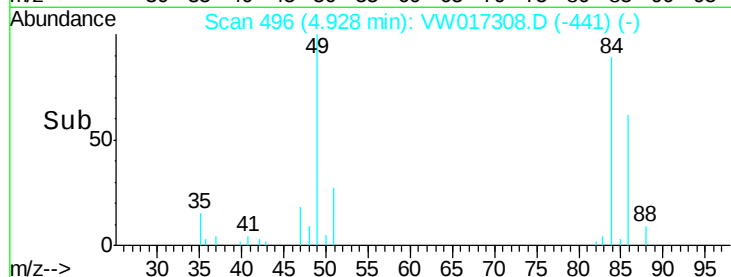
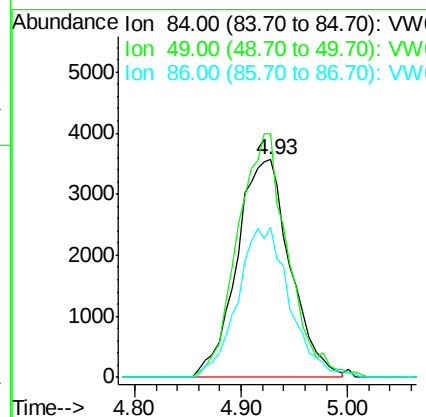
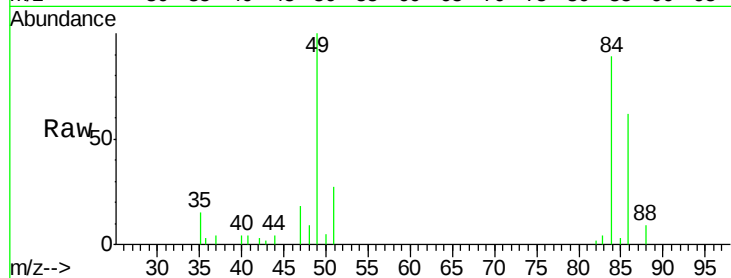
Tot Ion: 84 Resp: 12497

Ion Ratio Lower Upper

84 100

49 111.8 72.3 134.3

86 68.9 45.1 83.7



#44

Toluene

Concen: 0.600 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017308.D

Acq: 18 Nov 2020 00:42

Tgt Ion: 91 Resp: 13710

Ion Ratio Lower Upper

91 100

92 60.9 41.4 76.8

