

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017424.D
 Acq On : 20 Nov 2020 17:56
 Operator : SY/VA
 Sample : L4853-03
 Misc : 4.37G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD2

Quant Time: Nov 21 01:51:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 21 00:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	323462	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	55388	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109116	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.16%
7) Chloroethane-d5	2.89	69	95043	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.96%
10) 1,1-Dichloroethene-d2	4.02	63	149942	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.60%
20) 2-Butanone-d5	7.08	46	44344	56.39	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.78%
24) Chloroform-d	7.65	84	212253	24.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.92%
26) 1,2-Dichloroethane-d4	8.31	65	111544	27.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.68%
29) Benzene-d6	8.27	84	408127	32.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.12%
33) 1,2-Dichloropropane-d6	9.27	67	111547	33.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.52%#
37) Toluene-d8	10.32	98	321189	27.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.60%
38) trans-1,3-Dichloropropene-	10.58	79	45363	31.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	125.64%
39) 2-Hexanone-d5	10.93	63	35583	80.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	160.00%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81339	32.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.44%#
61) 1,2-Dichlorobenzene-d4	13.85	152	56083	27.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.72%

Target Compounds

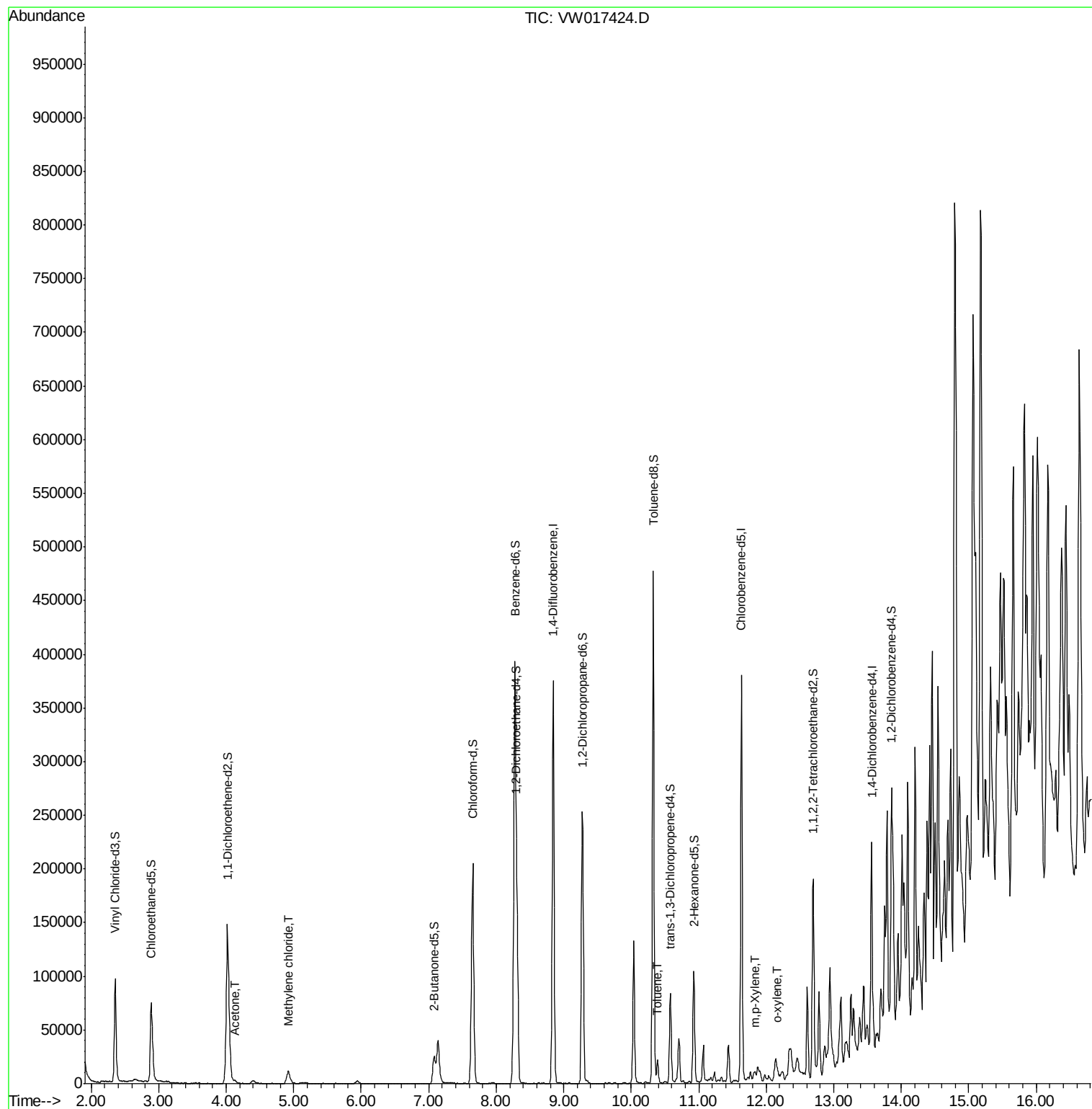
					Ovalue
13) Acetone	4.13	43	3237	5.641 ug/L	91
16) Methylene chloride	4.92	84	10436	1.886 ug/L	93
44) Toluene	10.38	91	16613	1.200 ug/L	98
54) m,p-Xylene	11.84	106	1607	0.269 ug/L	83
55) o-xylene	12.17	106	1655	0.292 ug/L	88

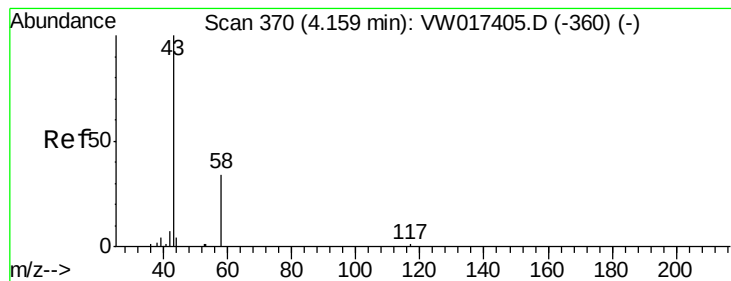
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112020\
Data File : VW017424.D
Acq On : 20 Nov 2020 17:56
Operator : SY/VA
Sample : L4853-03
Misc : 4.37G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2

Quant Time: Nov 21 01:51:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.641 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.03 min

Lab File: VW017424.D

Acq: 20 Nov 2020 17:56

Instrument :

MSVOA_W

ClientSampled :

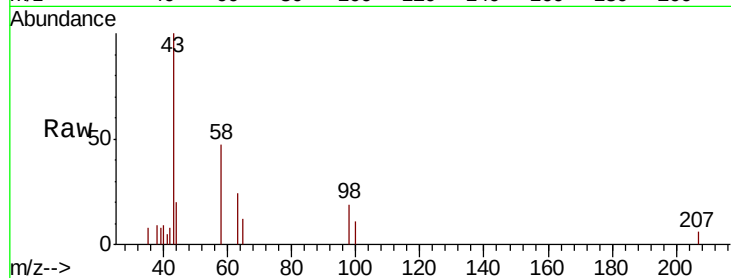
C0AD2

Tot Ion: 43 Resp: 3237

Ion Ratio Lower Upper

43 100

58 28.4 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

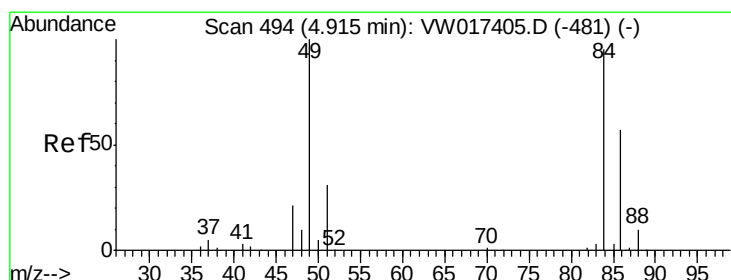
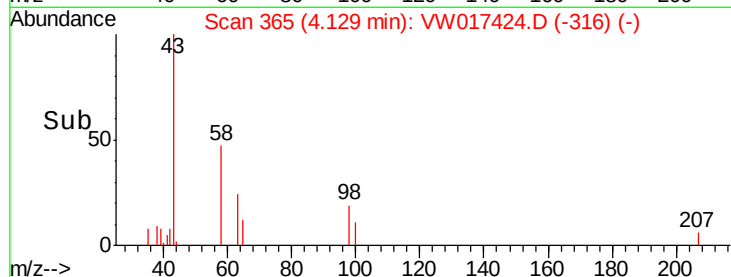
4.13

1000

500

0

Time--> 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 1.886 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017424.D

Acq: 20 Nov 2020 17:56

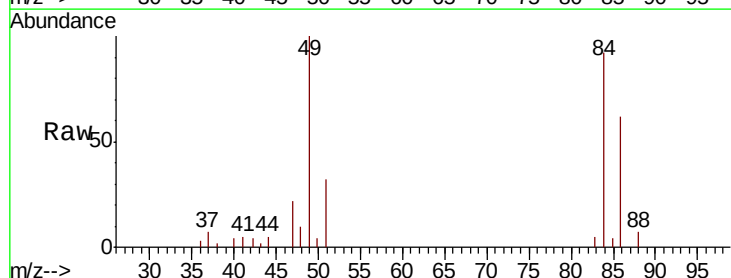
Tgt Ion: 84 Resp: 10436

Ion Ratio Lower Upper

84 100

49 108.4 71.5 132.9

86 67.7 42.8 79.4



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.92

4000

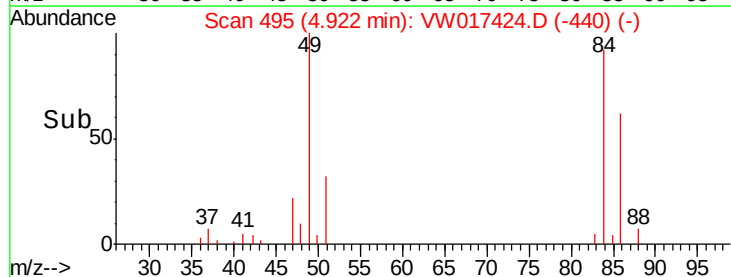
3000

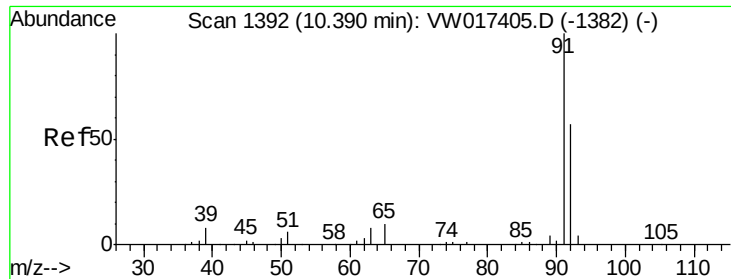
2000

1000

0

Time--> 4.80 4.90 5.00





#44

Toluene

Concen: 1.200 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW017424.D

Acq: 20 Nov 2020 17:56

Instrument :

MSVOA_W

ClientSampleId :

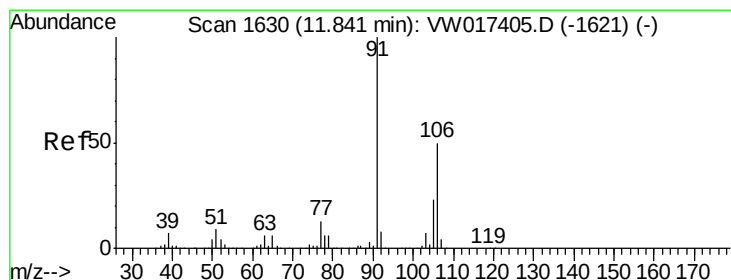
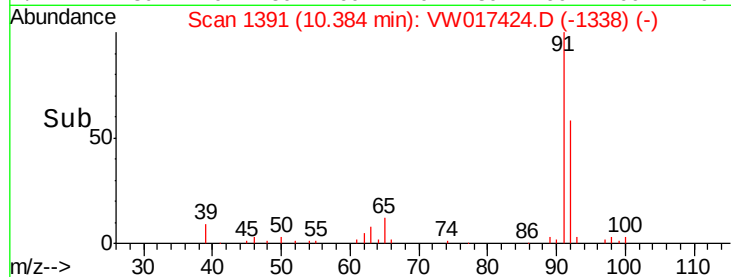
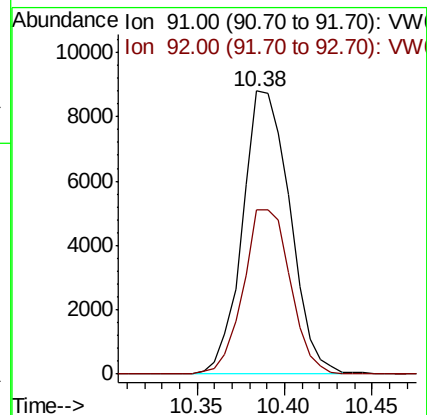
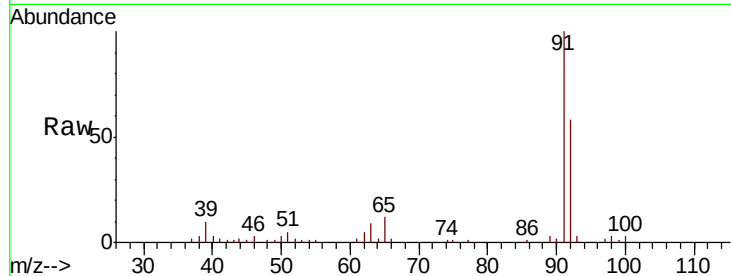
C0AD2

Tot Ion: 91 Resp: 16613

Ion Ratio Lower Upper

91 100

92 57.9 41.4 76.8



#54

m,p-Xylene

Concen: 0.269 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW017424.D

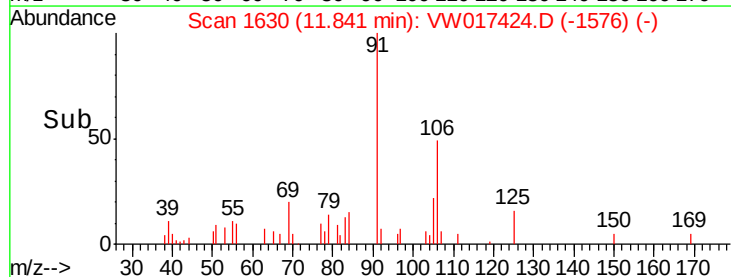
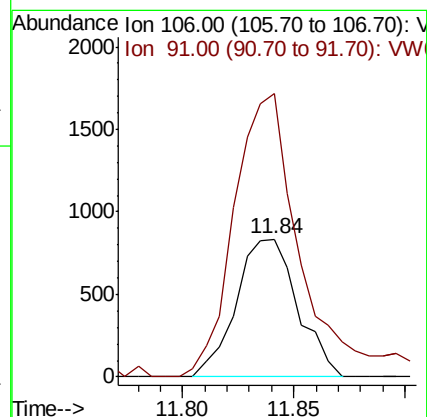
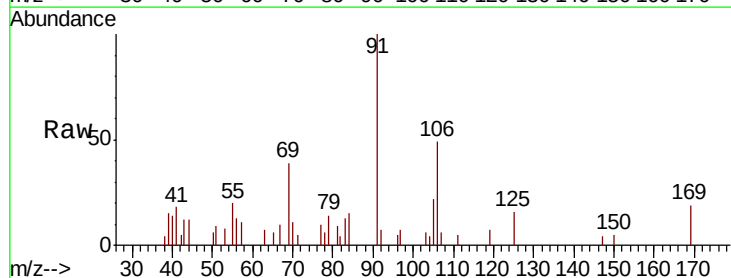
Acq: 20 Nov 2020 17:56

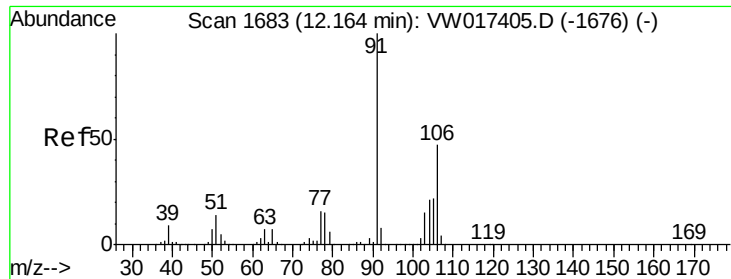
Tgt Ion: 106 Resp: 1607

Ion Ratio Lower Upper

106 100

91 205.6 126.9 235.7





#55
 o-xylene
 Concen: 0.292 ug/L
 RT: 12.17 min Scan# 1684
 Delta R.T. 0.01 min
 Lab File: VW017424.D
 Acq: 20 Nov 2020 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD2

Tot Ion:106 Resp: 1655
 Ion Ratio Lower Upper
 106 100
 91 180.8 139.5 259.1

