

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015767.D
 Acq On : 29 Jun 2020 17:19
 Operator : SY/VA
 Sample : L3131-07
 Misc : 5.66G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2M1

Quant Time: Jun 30 04:30:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 03:03:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	104071	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	89875	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	34620	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	42106	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
7) Chloroethane-d5	2.89	69	35859	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.96%
10) 1,1-Dichloroethene-d2	4.01	63	58868	19.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.48%
20) 2-Butanone-d5	7.09	46	16798	47.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.24%
24) Chloroform-d	7.65	84	65811	22.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	8.31	65	36021	21.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.32%
29) Benzene-d6	8.27	84	132862	24.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.16%
33) 1,2-Dichloropropane-d6	9.27	67	37192	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.76%
37) Toluene-d8	10.32	98	118953	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.44%
38) trans-1,3-Dichloropropene-	10.58	79	13151	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.84%
39) 2-Hexanone-d5	10.93	63	10804	41.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25449	20.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	32318	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

Target Compounds

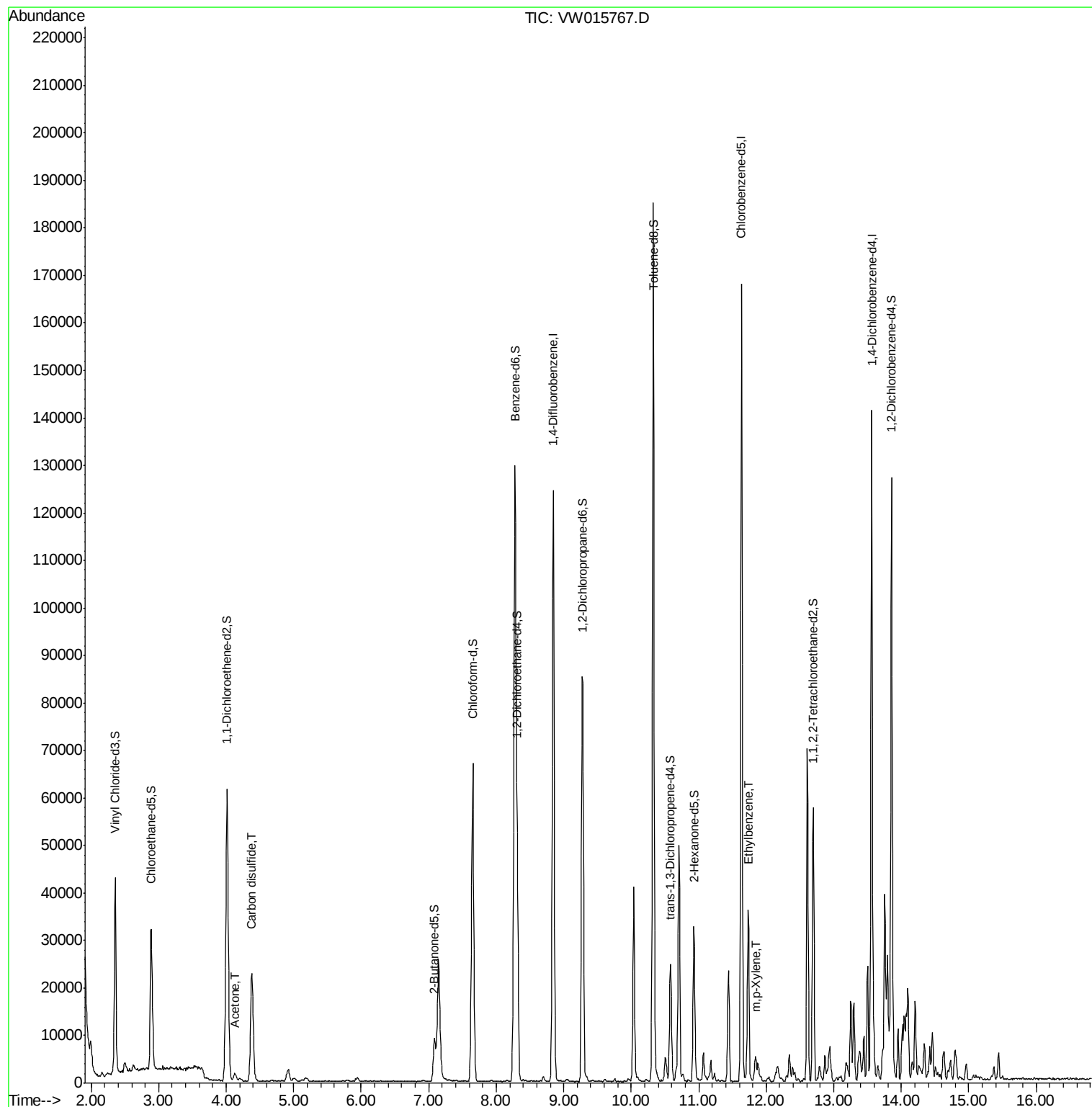
					Ovalue
13) Acetone	4.13	43	3262	10.918 ug/L	97
14) Carbon disulfide	4.38	76	43278	11.514 ug/L	98
53) Ethylbenzene	11.73	91	23608	3.894 ug/L	100
54) m,p-Xylene	11.84	106	1444	0.637 ug/L	82

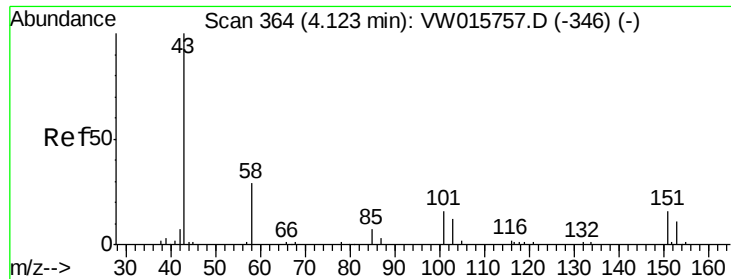
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.918 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

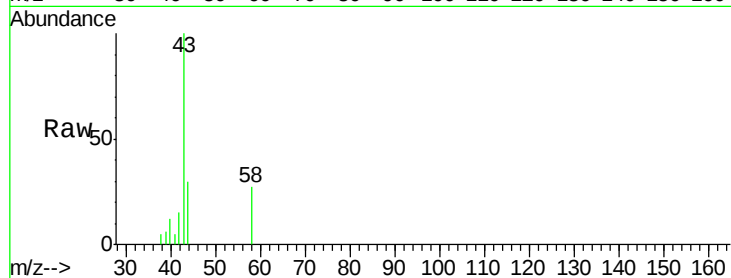
BG2M1

Tot Ion: 43 Resp: 3262

Ion Ratio Lower Upper

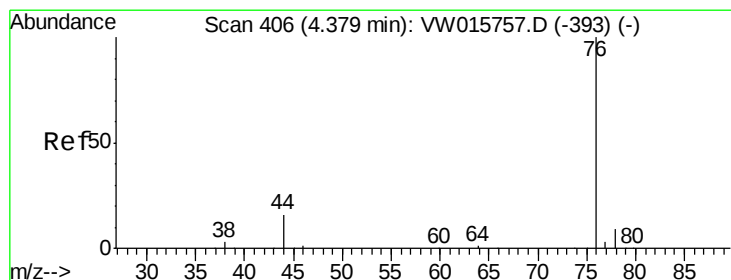
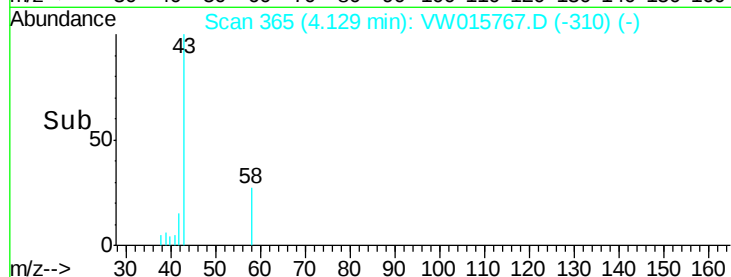
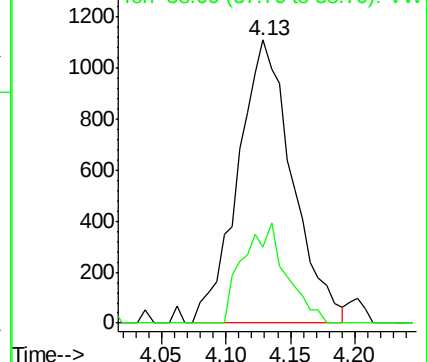
43 100

58 28.0 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 11.514 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

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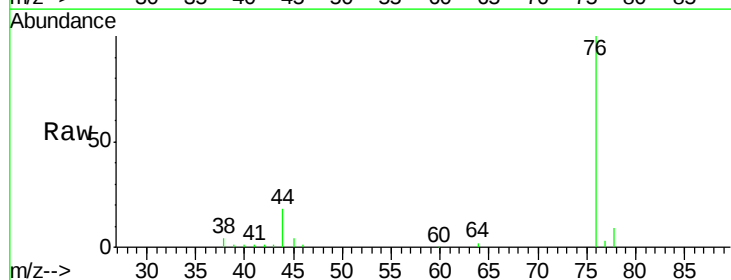
Acq: 29 Jun 2020 17:19

Tgt Ion: 76 Resp: 43278

Ion Ratio Lower Upper

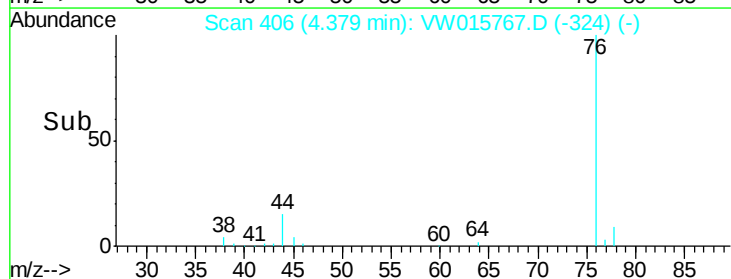
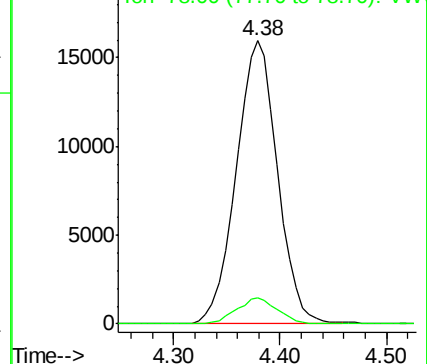
76 100

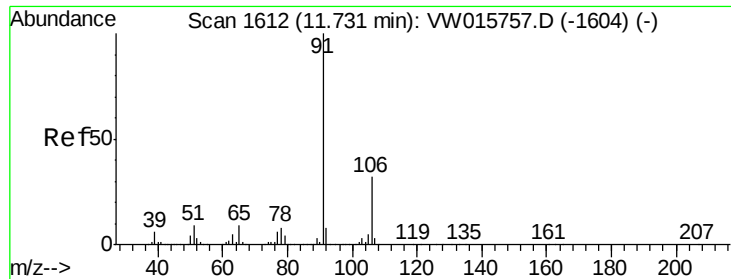
78 9.3 6.9 10.3



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

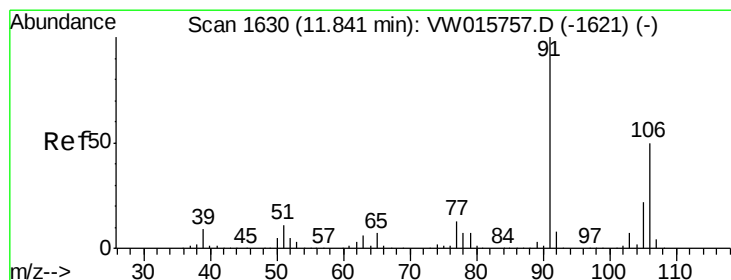
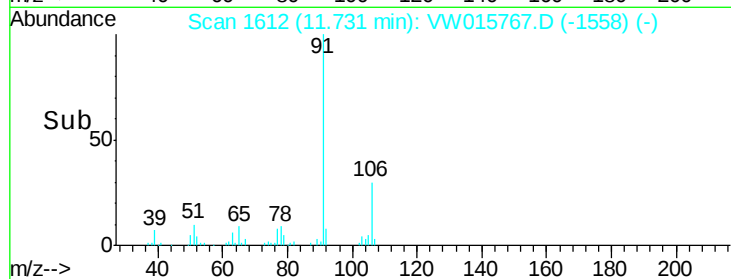
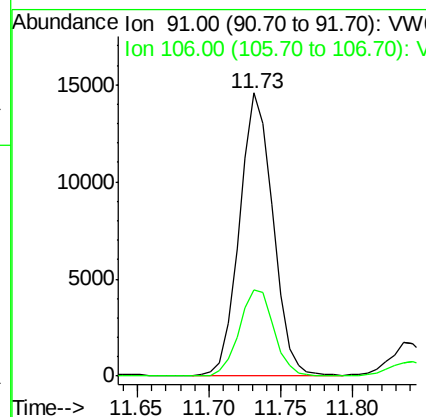
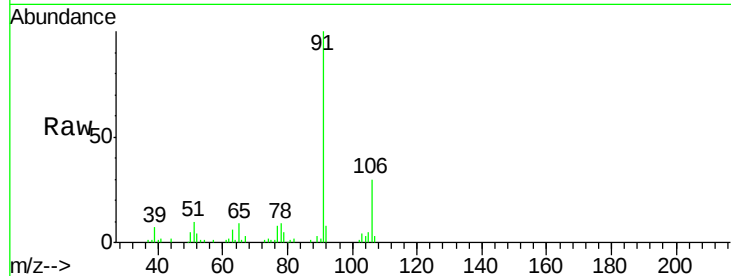




#53
Ethylbenzene
Concen: 3.894 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
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Tot Ion: 91 Resp: 23608
Ion Ratio Lower Upper
91 100
106 30.5 21.4 39.8



#54
m,p-Xylene
Concen: 0.637 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015767.D
Acq: 29 Jun 2020 17:19

Tgt Ion: 106 Resp: 1444
Ion Ratio Lower Upper
106 100
91 230.2 141.5 262.9

