

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010128.D
 Acq On : 25 Apr 2019 04:47
 Operator : SY/VA
 Sample : K2497-01
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX7

Quant Time: Apr 25 08:18:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 08:08:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	705119	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	619110	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	246623	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111615	16.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.24%
7) Chloroethane-d5	2.89	69	107723	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.36%
10) 1,1-Dichloroethene-d2	4.01	63	241710	12.22	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.88%
20) 2-Butanone-d5	7.08	46	33902	10.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.30%
24) Chloroform-d	7.65	84	403190	21.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.92%
26) 1,2-Dichloroethane-d4	8.30	65	236191	21.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.04%
29) Benzene-d6	8.27	84	800554	22.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.32%
33) 1,2-Dichloropropane-d6	9.27	67	265004	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.32	98	672398	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.44%
38) trans-1,3-Dichloropropene-	10.58	79	76220	15.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.52%
39) 2-Hexanone-d5	10.93	63	21897	9.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.06%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	197750	21.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	208226	22.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.20%

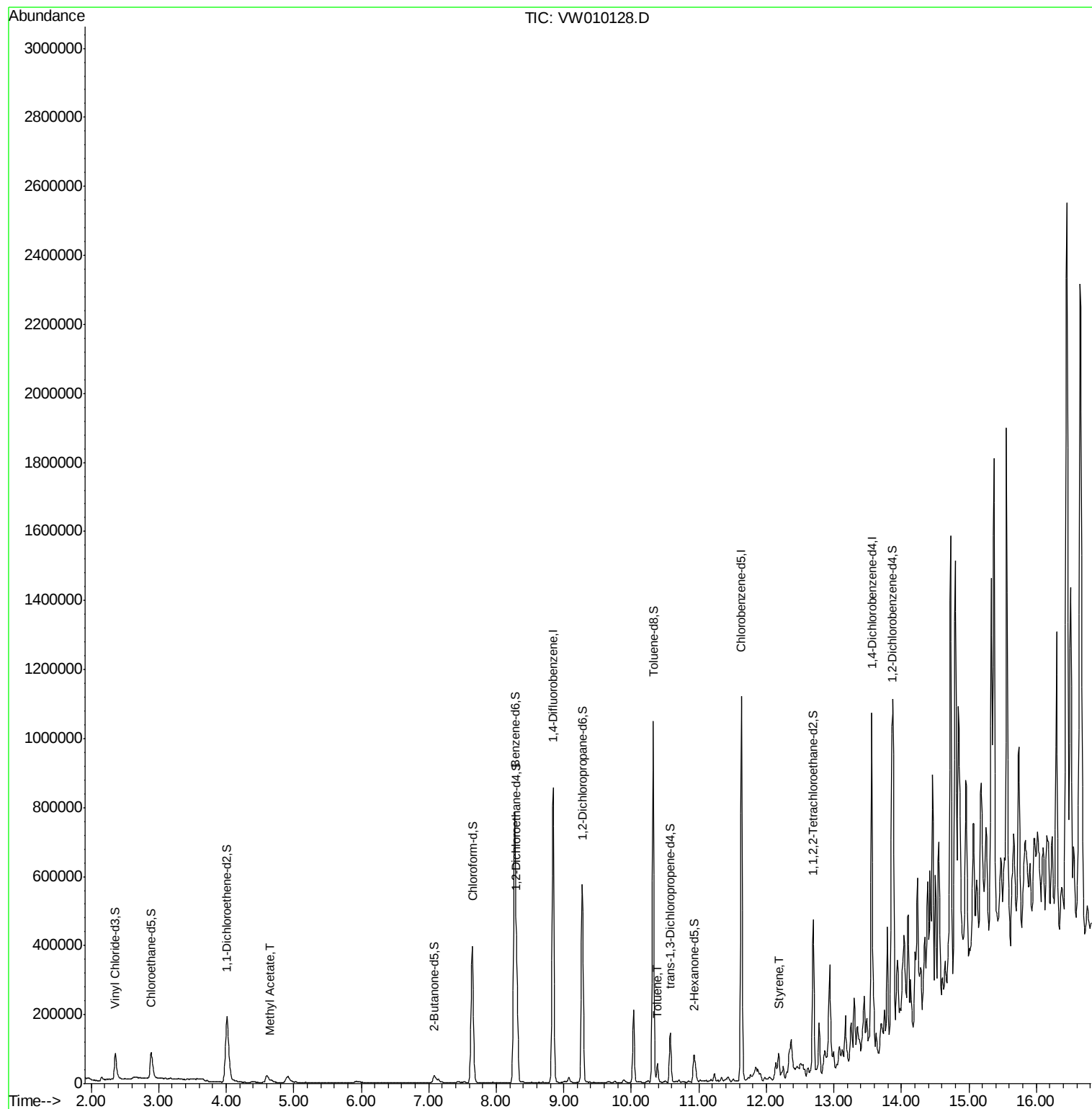
Target Compounds					Ovalue
15) Methyl Acetate	4.66	43	11202	1.971 ug/L	99
44) Toluene	10.39	91	39322	0.986 ug/L	96
56) Styrene	12.18	104	31225	1.170 ug/L	99

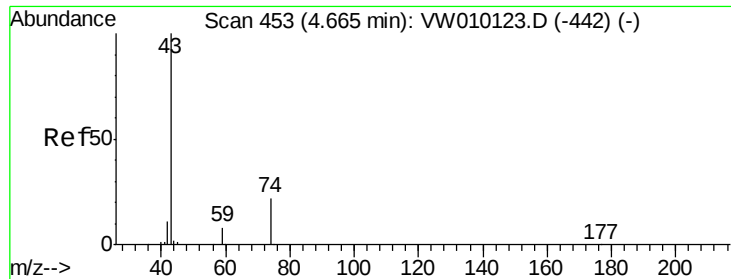
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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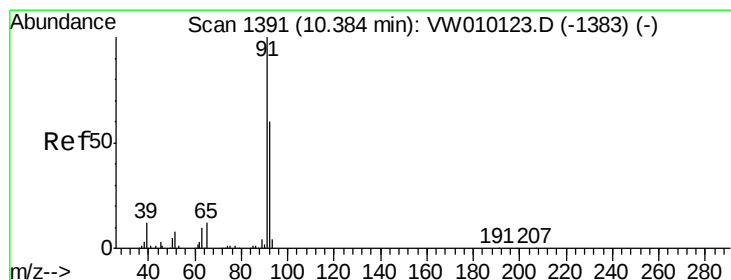
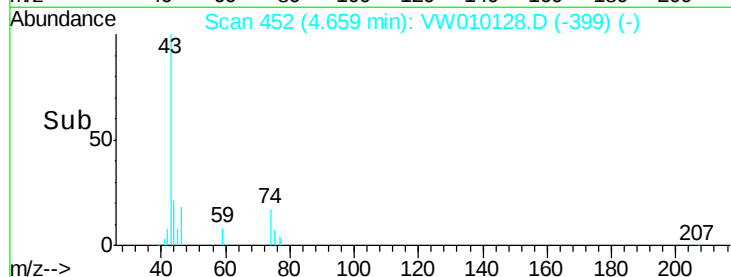
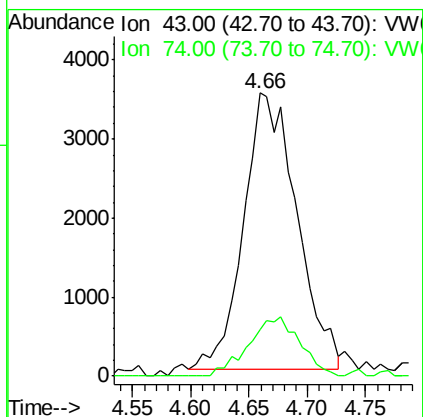
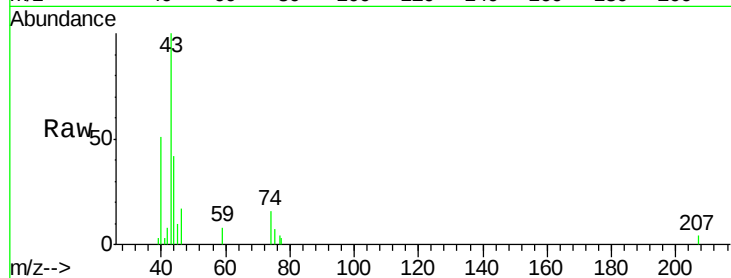




#15
Methvl Acetate
Concen: 1.971 ug/L
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW010128.D
Acq: 25 Apr 2019 04:47

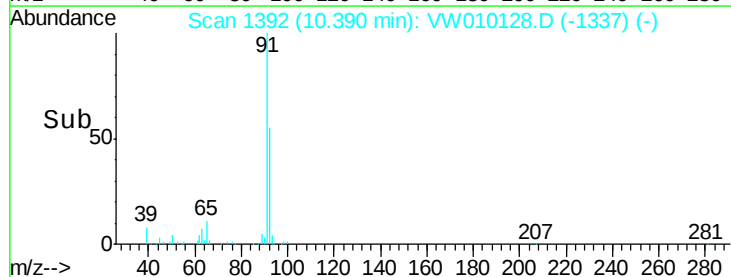
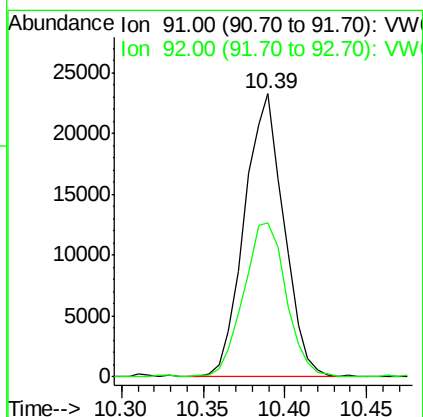
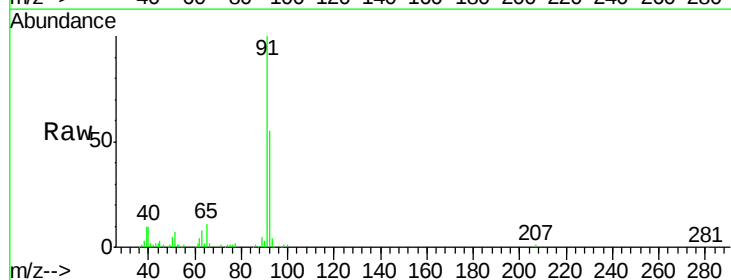
Instrument :
MSVOA_W
ClientSampleId :
GAHX7

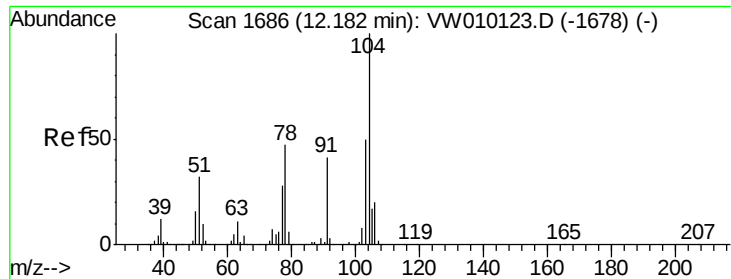
Tot Ion: 43 Resp: 11202
Ion Ratio Lower Upper
43 100
74 20.5 16.9 25.3



#44
Toluene
Concen: 0.986 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW010128.D
Acq: 25 Apr 2019 04:47

Tgt Ion: 91 Resp: 39322
Ion Ratio Lower Upper
91 100
92 54.5 40.3 74.9





#56

Stvrene

Concen: 1.170 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW010128.D

Acq: 25 Apr 2019 04:47

Instrument :

MSVOA_W

ClientSampleId :

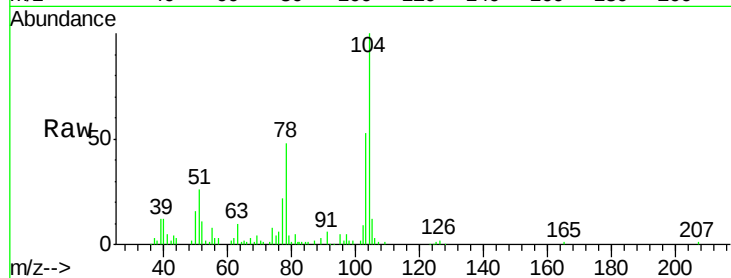
GAHX7

Tot Ion:104 Resp: 31225

Ion Ratio Lower Upper

104 100

78 48.2 33.4 62.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

