

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091519\
 Data File : VV012810.D
 Acq On : 15 Sep 2019 21:28
 Operator : SY/MD
 Sample : K4865-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMKO

Quant Time: Sep 16 08:43:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 16 08:14:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	403341	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	396942	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	146392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	200429	7.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	146.60%#
7) Chloroethane-d5	1.58	69	168756	7.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	149.20%#
11) 1,1-Dichloroethene-d2	2.13	63	250058	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.20%
20) 2-Butanone-d5	3.98	46	431134	65.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.96%#
24) Chloroform-d	4.40	84	334714	6.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	134.60%#
26) 1,2-Dichloroethane-d4	5.08	65	174379	7.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	146.60%#
32) Benzene-d6	5.09	84	681701	7.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	143.80%#
36) 1,2-Dichloropropane-d6	6.12	67	211250	7.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	140.20%#
41) Toluene-d8	7.36	98	543697	6.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.00%
43) trans-1,3-Dichloropropene-	7.66	79	64996	6.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	125.60%
46) 2-Hexanone-d5	8.14	63	218155	55.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113698	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	184425	7.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	147.20%#

Target Compounds

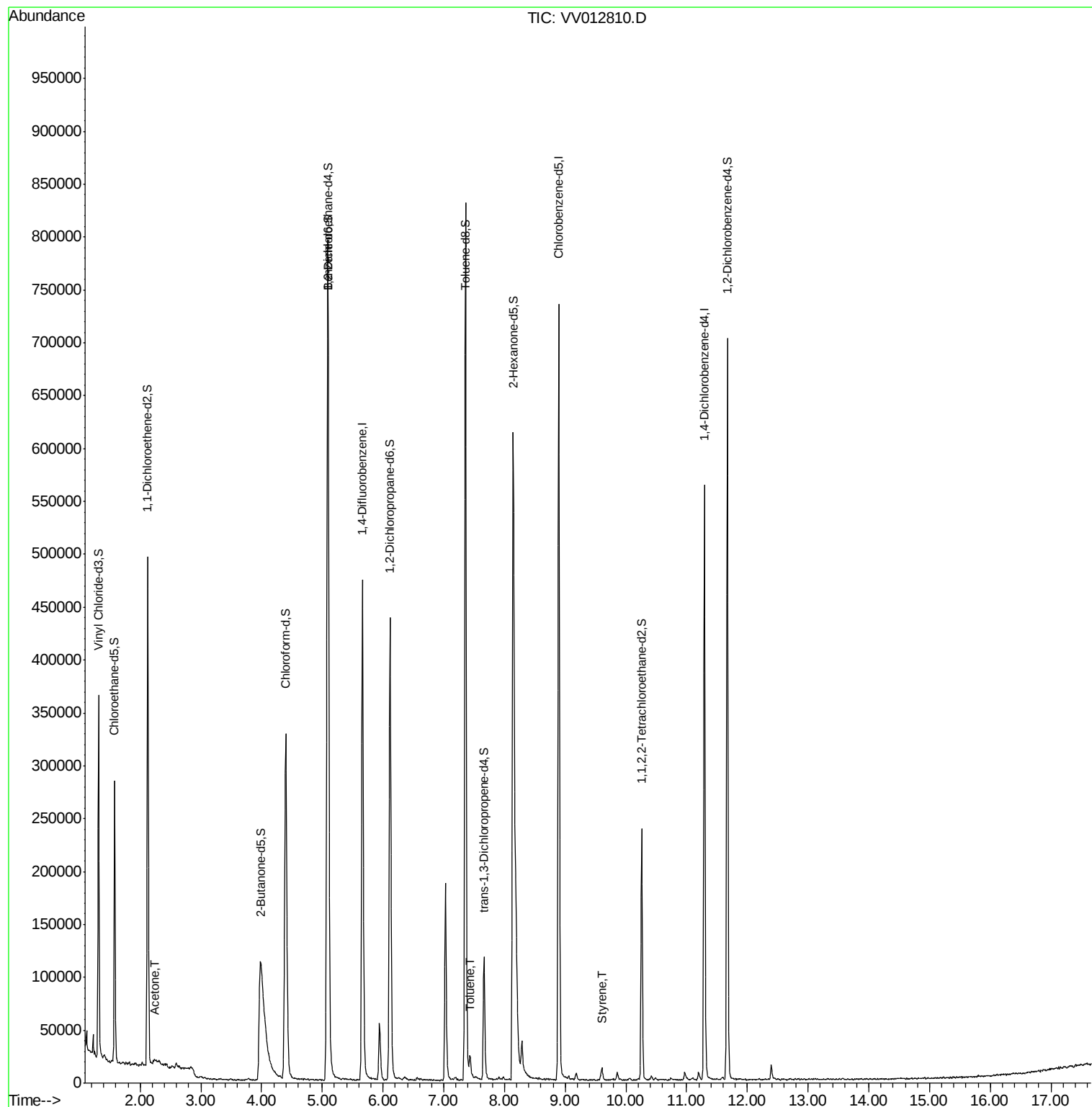
					Ovalue
13) Acetone	2.24	43	16097m	4.171	ug/L
42) Toluene	7.43	91	13005	0.108	ug/L
55) Styrene	9.60	104	5199	0.067	ug/L

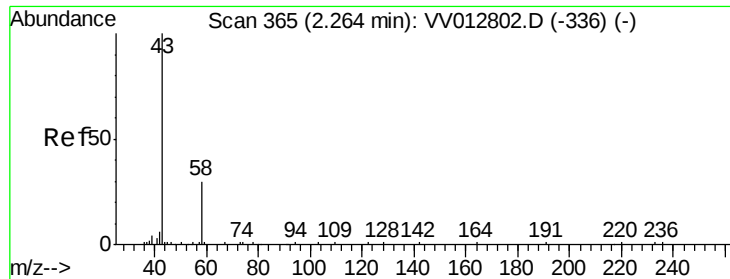
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.171 ug/L m

RT: 2.24 min Scan# 357

Delta R.T. -0.03 min

Lab File: VV012810.D

Acq: 15 Sep 2019 21:28

Instrument :

MSVOA_V

ClientSampleId :

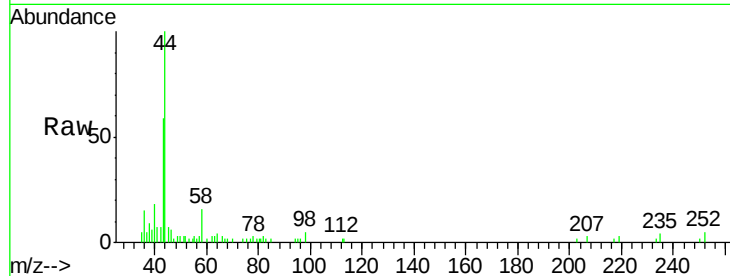
COMKO

Tot Ion: 43 Resp: 16097

Ion Ratio Lower Upper

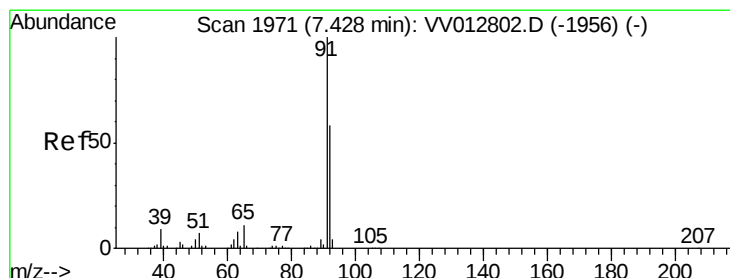
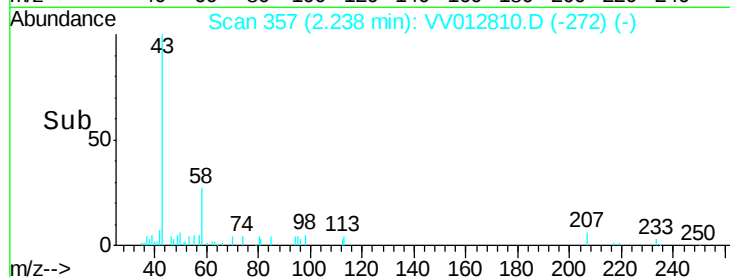
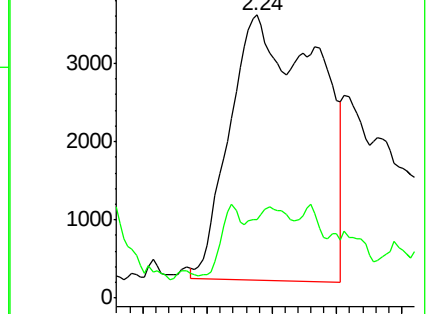
43 100

58 5.4 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV012810.D (-357) (-)

Ion 58.05 (57.75 to 58.75): VV012810.D (-357) (-)



#42

Toluene

Concen: 0.108 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV012810.D

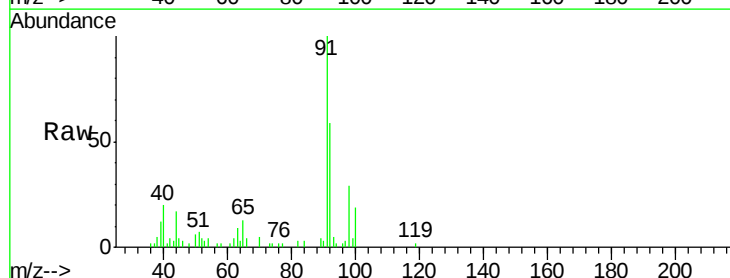
Acq: 15 Sep 2019 21:28

Tgt Ion: 91 Resp: 13005

Ion Ratio Lower Upper

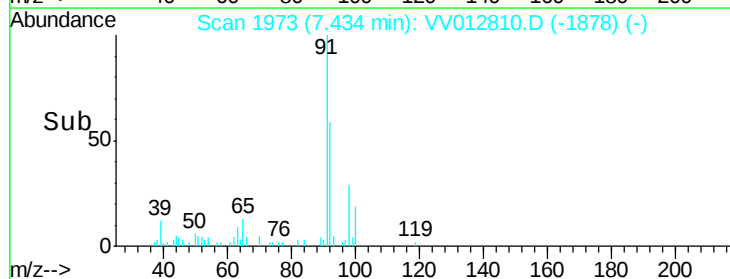
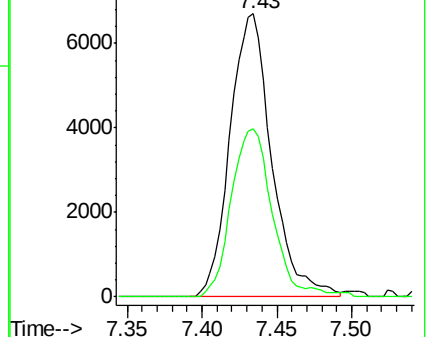
91 100

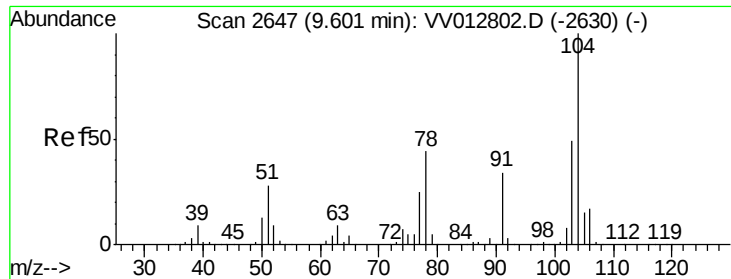
92 59.5 41.3 76.7



Abundance Ion 91.15 (90.85 to 91.85): VV012810.D (-1973) (-)

Ion 92.15 (91.85 to 92.85): VV012810.D (-1973) (-)





#55
 Stvrene
 Concen: 0.067 ug/L
 RT: 9.60 min Scan# 2648
 Delta R.T. 0.00 min
 Lab File: VV012810.D
 Acq: 15 Sep 2019 21:28

Instrument :
 MSVOA_V
 ClientSampleId :
 COMKO

Tot Ion:104 Resp: 5199
 Ion Ratio Lower Upper
 104 100
 78 50.4 30.2 56.0

