

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015453.D
 Acq On : 22 May 2020 15:52
 Operator : SY/VA
 Sample : L2754-01
 Misc : 14.96G/10.0mL/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAX91

Quant Time: May 23 05:32:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	342440	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306626	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136429	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	41596	9.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.84%
7) Chloroethane-d5	2.89	69	60770	14.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.84%
10) 1,1-Dichloroethene-d2	4.01	63	95274	10.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.72%#
20) 2-Butanone-d5	7.08	46	98967	86.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.96%#
24) Chloroform-d	7.65	84	166897	19.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	8.31	65	115970	24.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.76%
29) Benzene-d6	8.27	84	320195	19.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.36%
33) 1,2-Dichloropropane-d6	9.27	67	106124	20.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.48%
37) Toluene-d8	10.32	98	301302	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.68%
38) trans-1,3-Dichloropropene-	10.58	79	52616	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.96%
39) 2-Hexanone-d5	10.93	63	81683	86.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.92%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122398	31.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.84%#
61) 1,2-Dichlorobenzene-d4	13.85	152	99845	20.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.48%

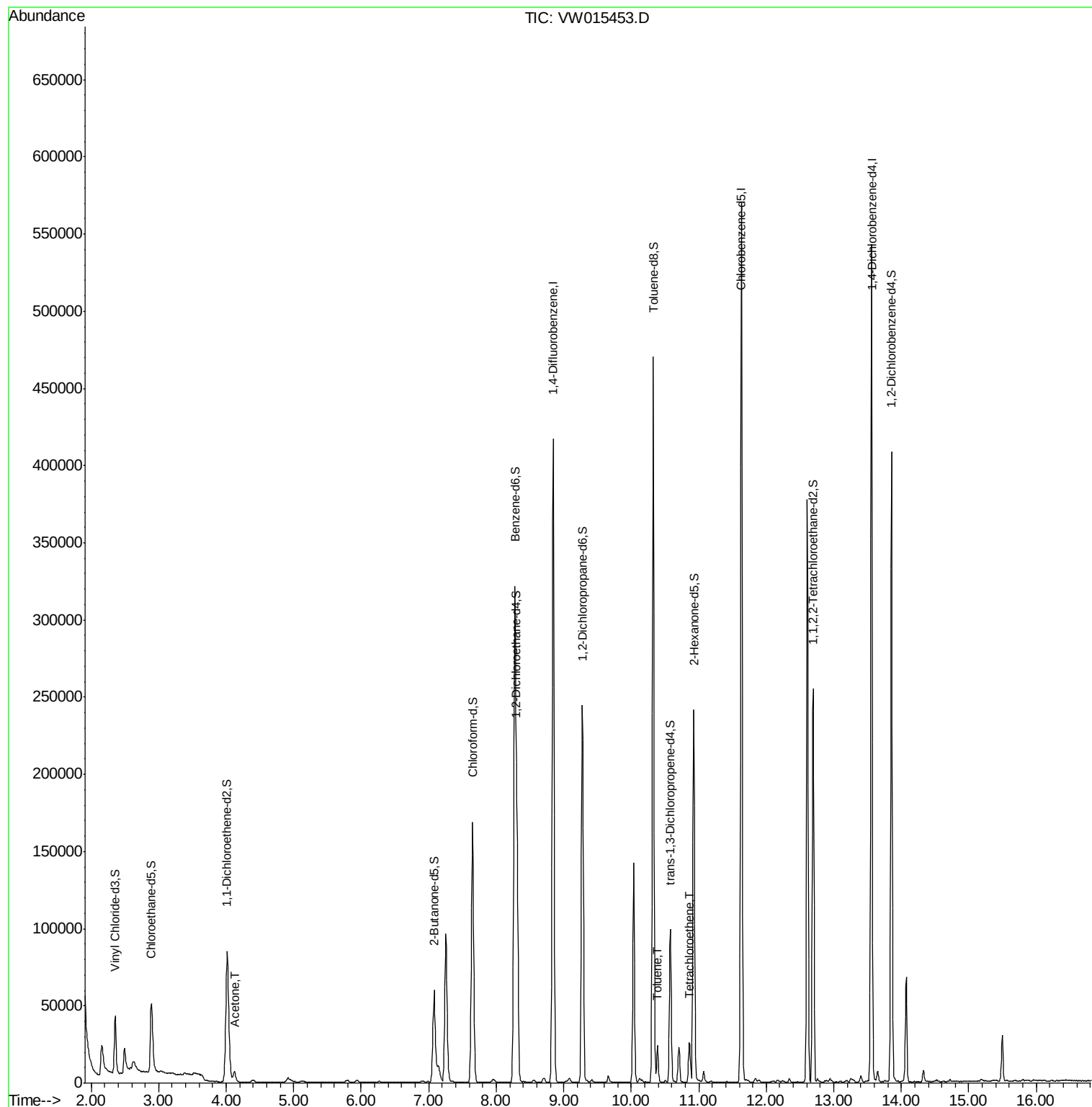
Target Compounds					Ovalue
13) Acetone	4.12	43	11127	12.840 ug/L	99
44) Toluene	10.39	91	17070	0.871 ug/L	96
47) Tetrachloroethene	10.87	164	5820	1.614 ug/L	97

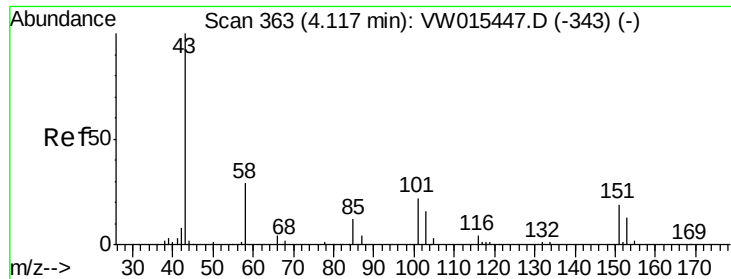
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.840 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 22 May 2020 15:52

Instrument :

MSVOA_W

ClientSampleId :

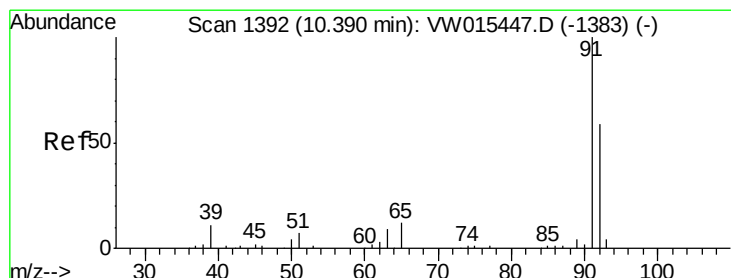
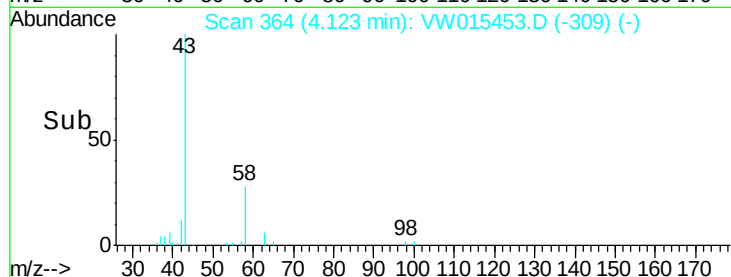
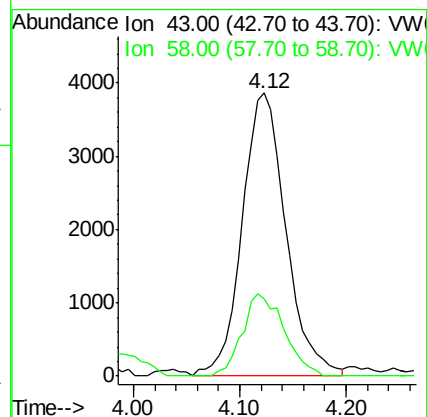
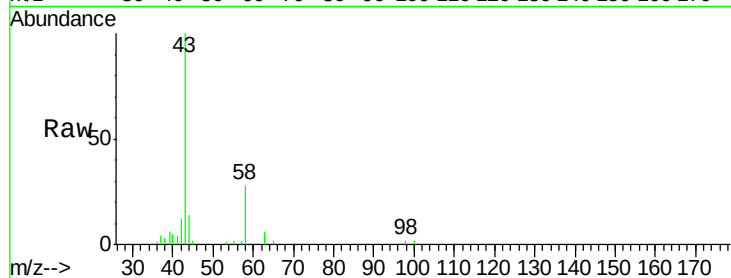
GAX91

Tot Ion: 43 Resp: 11127

Ion Ratio Lower Upper

43 100

58 28.0 0.0 57.0



#44

Toluene

Concen: 0.871 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015453.D

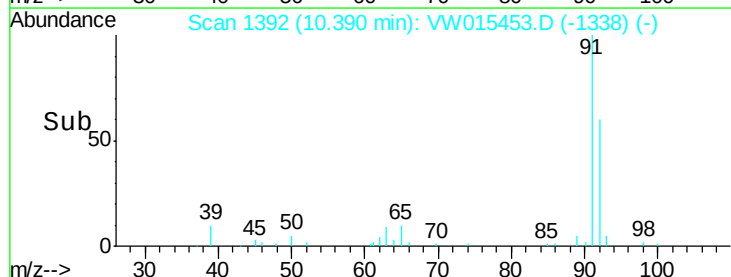
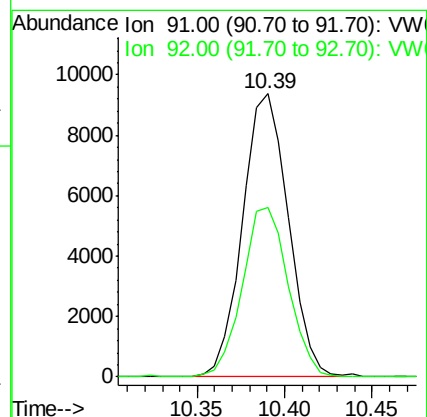
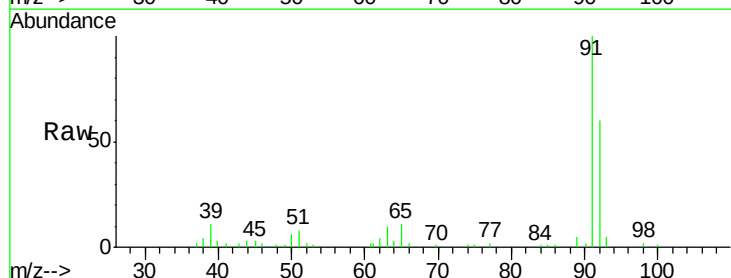
Acq: 22 May 2020 15:52

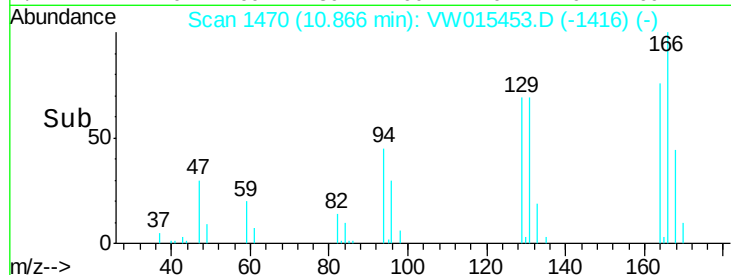
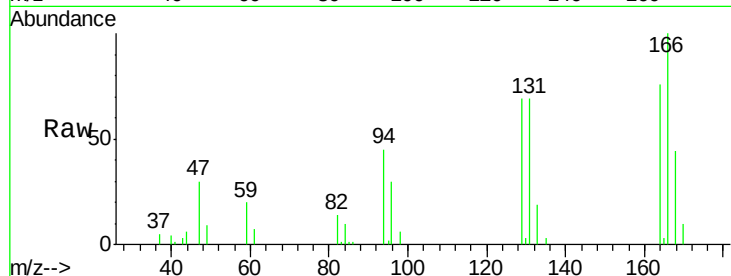
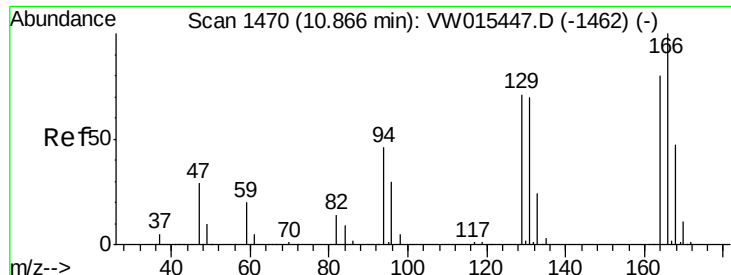
Tgt Ion: 91 Resp: 17070

Ion Ratio Lower Upper

91 100

92 59.8 39.8 74.0





#47

Tetrachloroethene

Concen: 1.614 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

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Acq: 22 May 2020 15:52

Instrument :

MSVOA_W

ClientSampleId :

GAX91

Tot Ion:164 Resp: 5820

Ion Ratio Lower Upper

164 100

129 91.6 65.8 122.2

131 91.6 63.7 118.3

166 132.4 88.8 165.0

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

