

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010939.D
 Acq On : 24 Jun 2019 19:28
 Operator : SY/VA
 Sample : K3456-05
 Misc : 4.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YANX5

Quant Time: Jun 25 03:48:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 02:43:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	128013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	121639	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	40158	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	16034	9.66	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.64%
7) Chloroethane-d5	2.89	69	19028	14.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.52%
10) 1,1-Dichloroethene-d2	4.02	63	35057	8.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.76%#
20) 2-Butanone-d5	0.00	46	0d	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	7.65	84	97253	28.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.68%
26) 1,2-Dichloroethane-d4	8.31	65	95386	44.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	178.28%#
29) Benzene-d6	8.27	84	175700	24.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.24%
33) 1,2-Dichloropropane-d6	9.27	67	81818	33.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.64%#
37) Toluene-d8	10.32	98	143338	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.00%
38) trans-1,3-Dichloropropene-	10.58	79	21084	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.96%
39) 2-Hexanone-d5	0.00	63	0d	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87726	44.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	176.44%#
61) 1,2-Dichlorobenzene-d4	13.85	152	40949	27.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.04%

Target Compounds

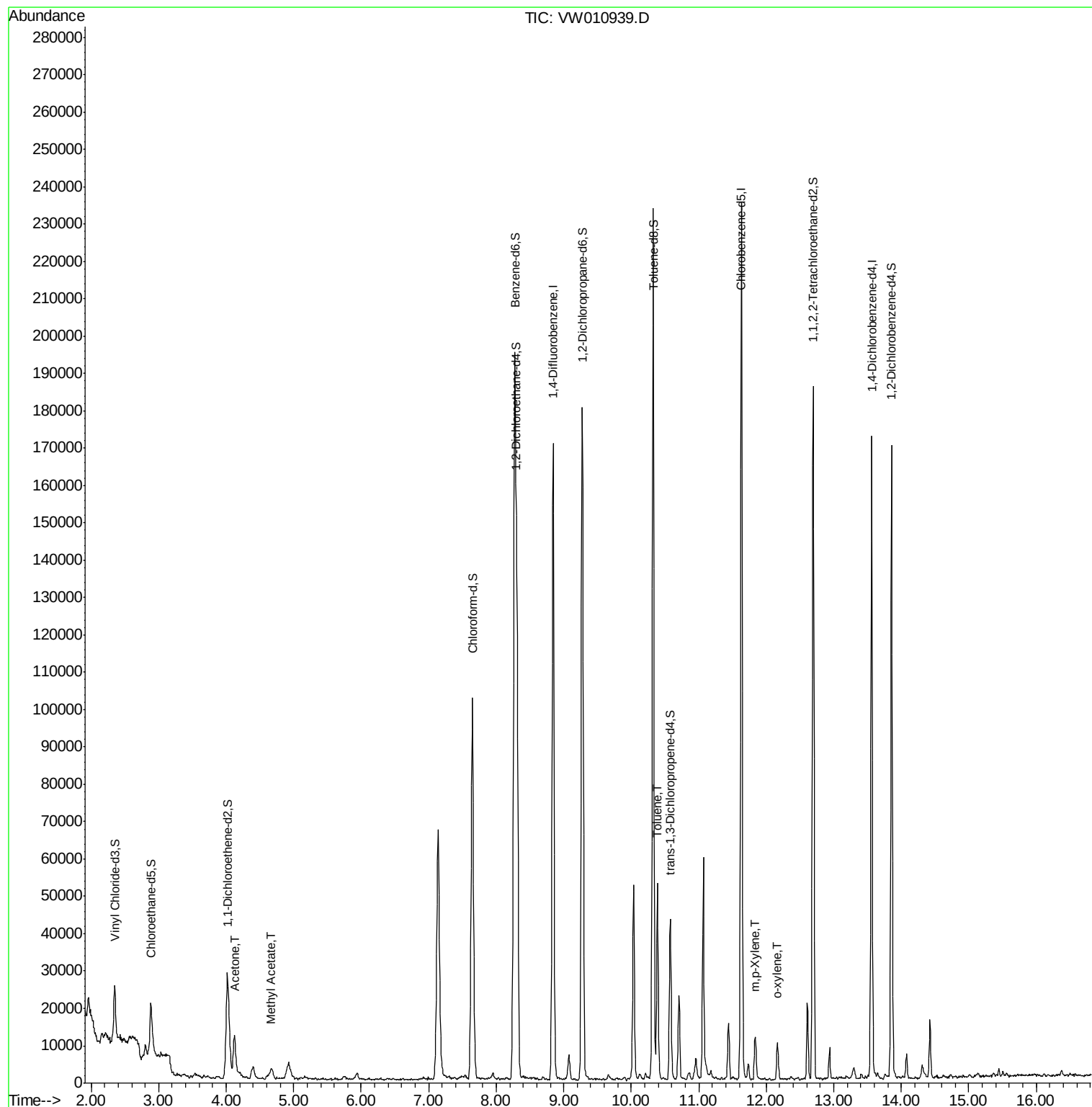
					Ovalue
13) Acetone	4.12	43	20573	27.570	ug/L 99
15) Methyl Acetate	4.67	43	5088	3.939	ug/L # 79
44) Toluene	10.39	91	35457	4.242	ug/L 96
54) m,p-Xylene	11.84	106	3226	0.944	ug/L 87
55) o-xylene	12.16	106	2185	0.666	ug/L 90

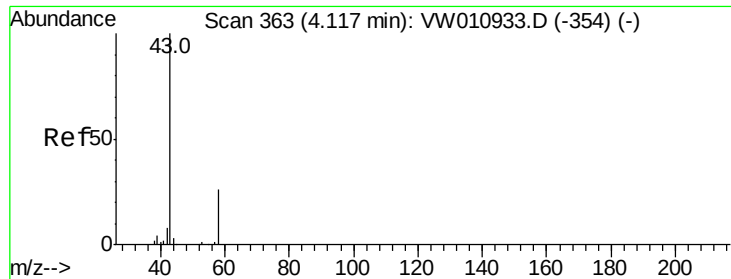
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 27.570 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010939.D

Acq: 24 Jun 2019 19:28

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ClientSampleId :

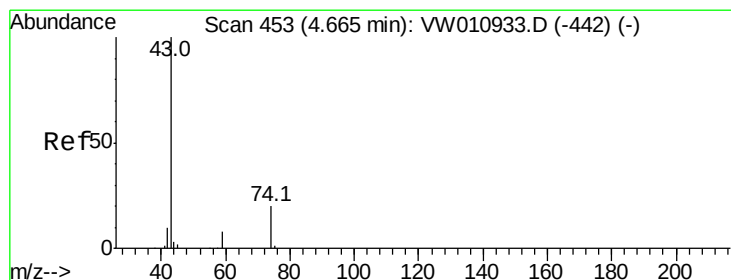
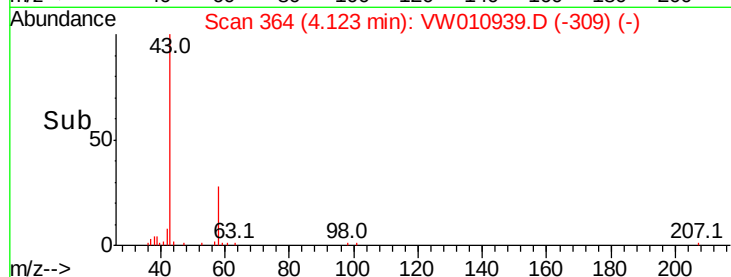
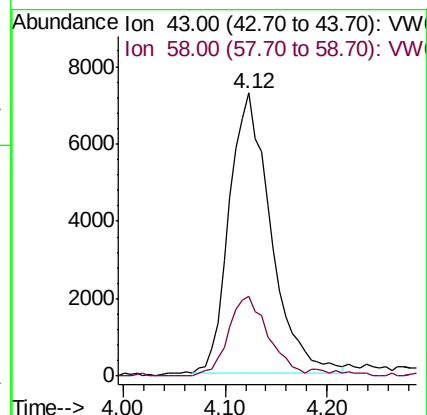
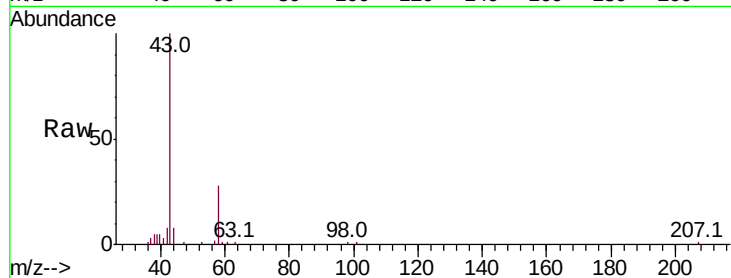
YANX5

Tot Ion: 43 Resp: 20573

Ion Ratio Lower Upper

43 100

58 27.3 0.0 53.2



#15

Methyl Acetate

Concen: 3.939 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

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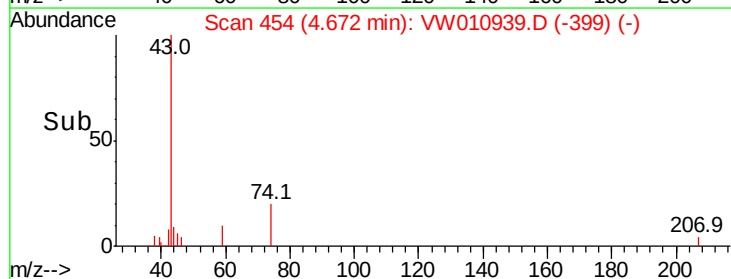
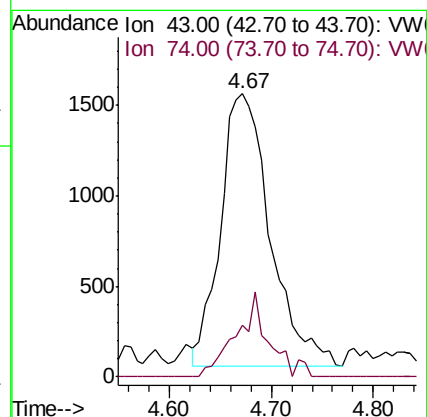
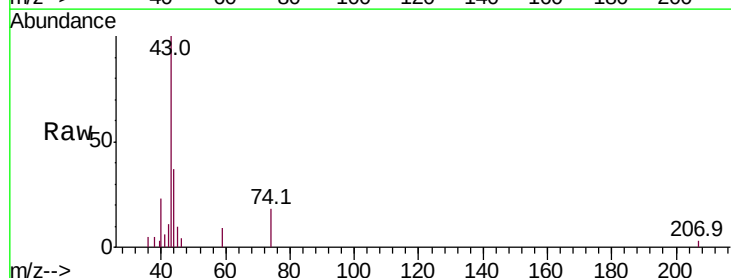
Acq: 24 Jun 2019 19:28

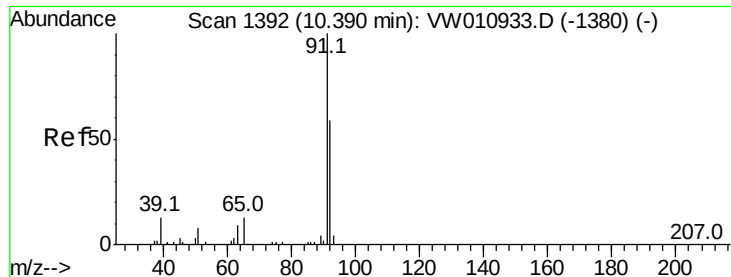
Tgt Ion: 43 Resp: 5088

Ion Ratio Lower Upper

43 100

74 9.7 15.3 22.9#





#44

Toluene

Concen: 4.242 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010939.D

Acq: 24 Jun 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

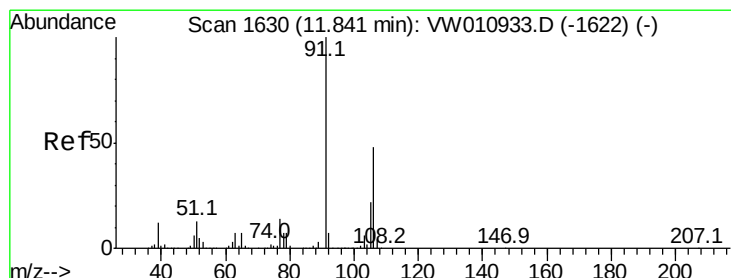
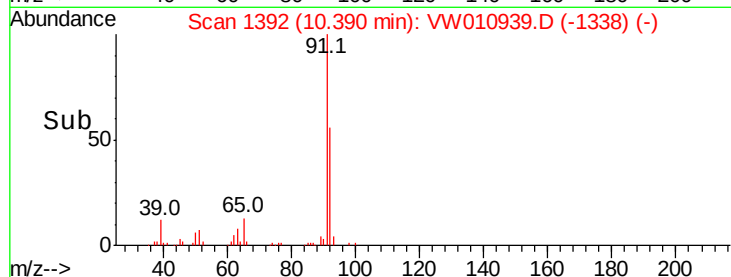
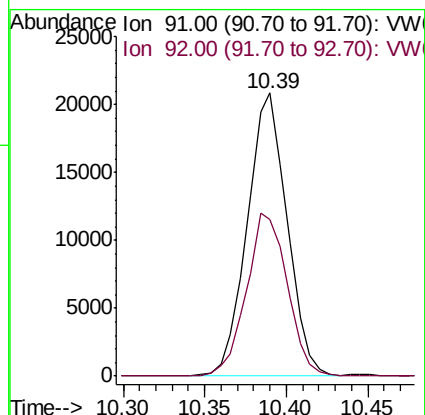
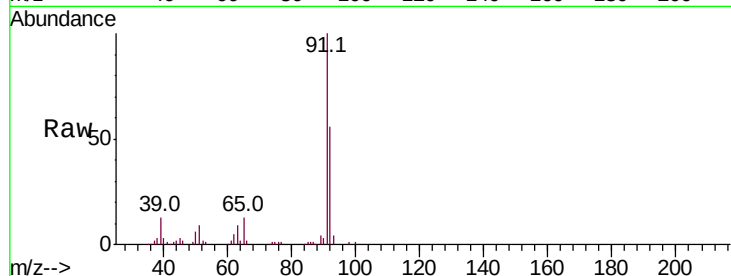
YANX5

Tot Ion: 91 Resp: 35457

Ion Ratio Lower Upper

91 100

92 55.6 41.2 76.4



#54

m,p-Xylene

Concen: 0.944 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010939.D

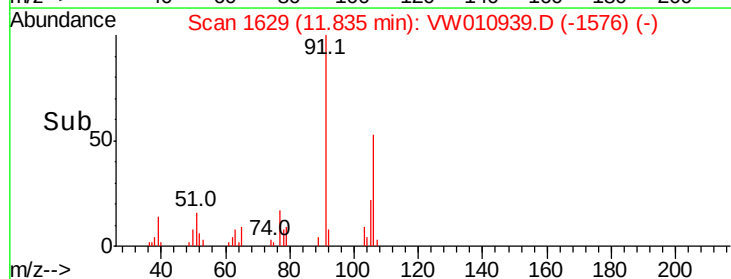
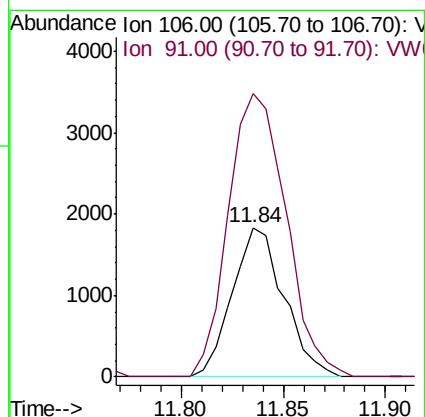
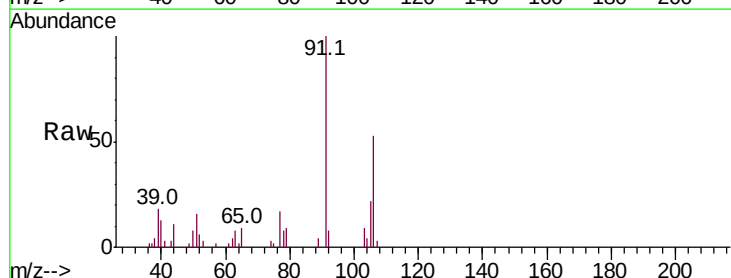
Acq: 24 Jun 2019 19:28

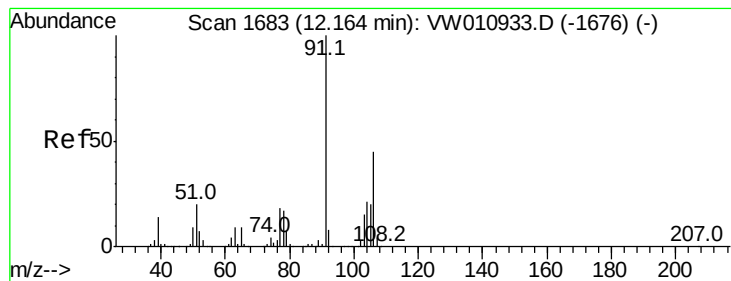
Tgt Ion: 106 Resp: 3226

Ion Ratio Lower Upper

106 100

91 189.5 146.5 272.1





#55

o-xylene

Concen: 0.666 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW010939.D

Acq: 24 Jun 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

YANX5

Tot Ion:106 Resp: 2185

Ion Ratio Lower Upper

106 100

91 207.5 156.1 289.9

