

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110819\
 Data File : VV013545.D
 Acq On : 08 Nov 2019 17:44
 Operator : SY/MD
 Sample : K5747-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2J03

Quant Time: Nov 08 23:55:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 08 22:42:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	400600	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	397018	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	187024	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86850	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.58	69	81907	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.13	63	108692	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.92	46	297822	49.20	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.40%
24) Chloroform-d	4.40	84	216180	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	118785	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	400862	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.11	67	139118	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	315778	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.66	79	47054	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.13	63	189984	45.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103109	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	162752	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

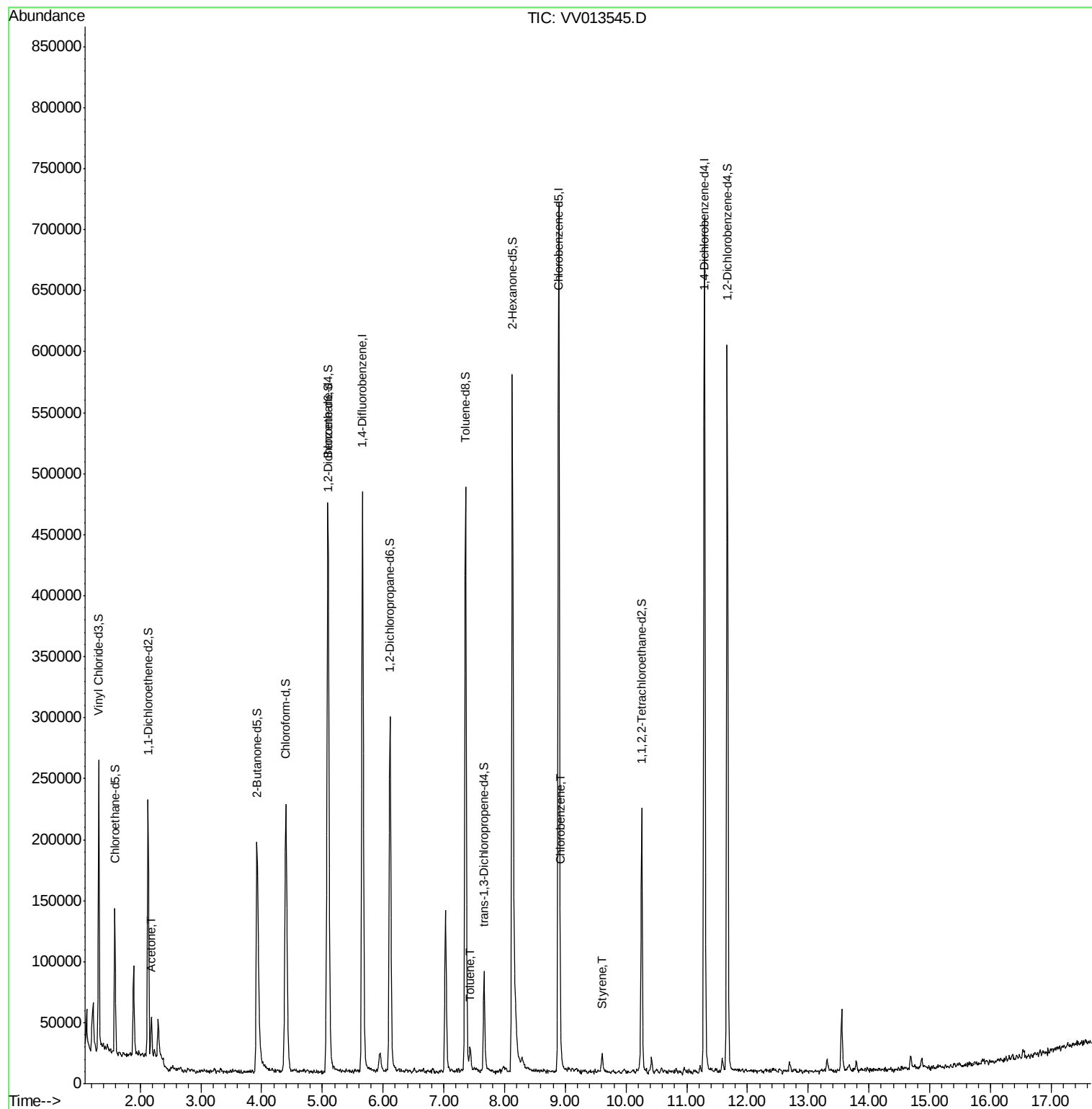
					Ovalue
13) Acetone	2.18	43	30524	8.313 ug/L	89
42) Toluene	7.43	91	14059	0.110 ug/L	96
51) Chlorobenzene	8.92	112	7905	0.093 ug/L	89
55) Styrene	9.60	104	7949	0.095 ug/L	96

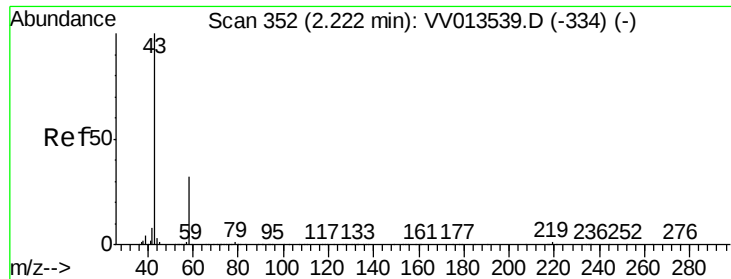
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.313 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

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ClientSampleId :

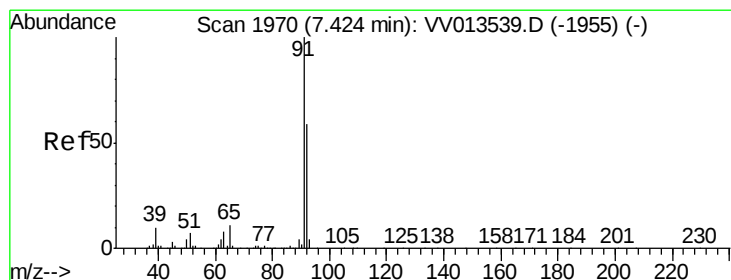
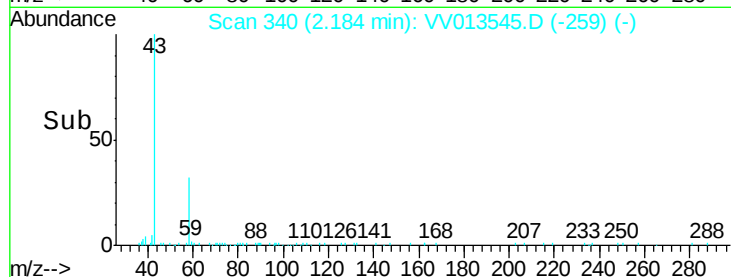
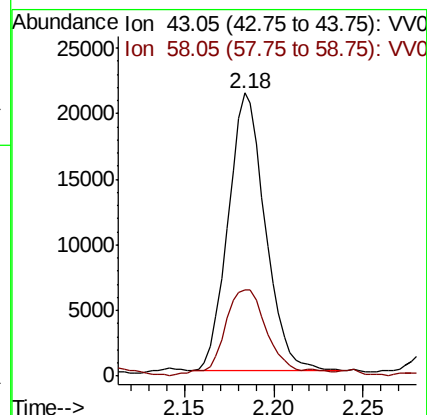
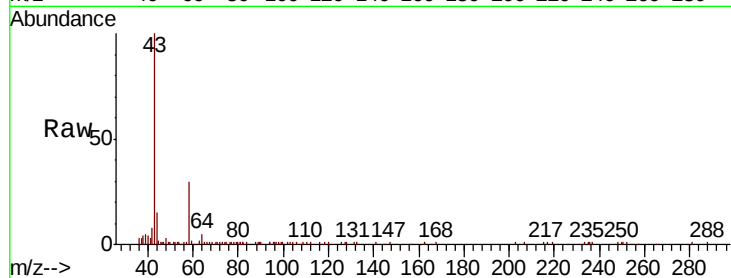
F2J03

Tot Ion: 43 Resp: 30524

Ion Ratio Lower Upper

43 100

58 36.2 0.0 60.8



#42

Toluene

Concen: 0.110 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

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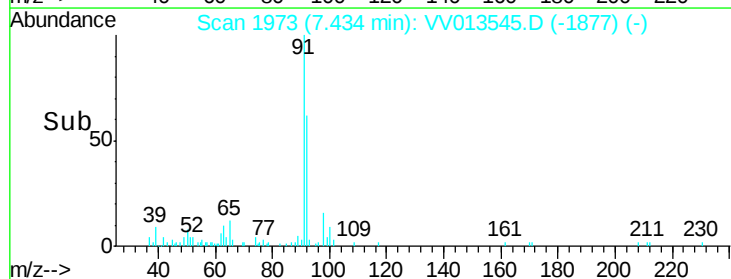
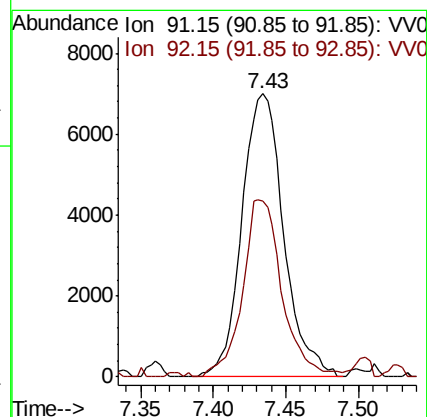
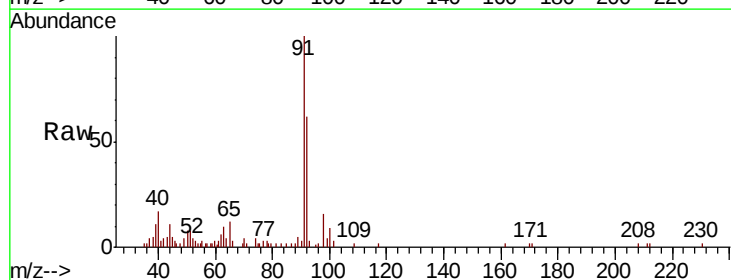
Acq: 08 Nov 2019 17:44

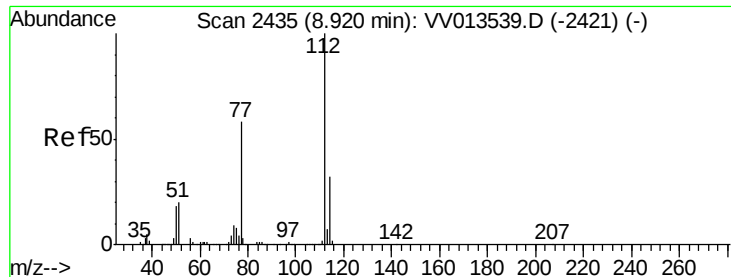
Tgt Ion: 91 Resp: 14059

Ion Ratio Lower Upper

91 100

92 62.1 41.4 77.0





#51

Chlorobenzene

Concen: 0.093 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

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Acq: 08 Nov 2019 17:44

Instrument :

MSVOA_V

ClientSampleId :

F2J03

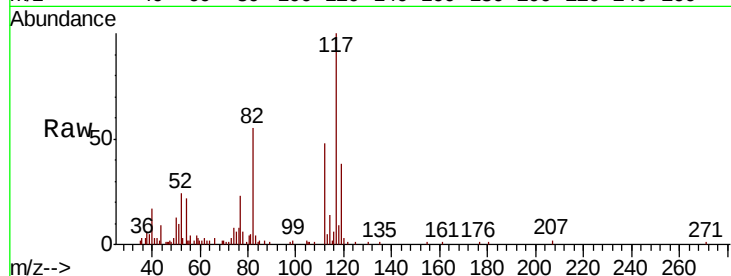
Tot Ion:112 Resp: 7905

Ion Ratio Lower Upper

112 100

114 29.3 22.6 42.0

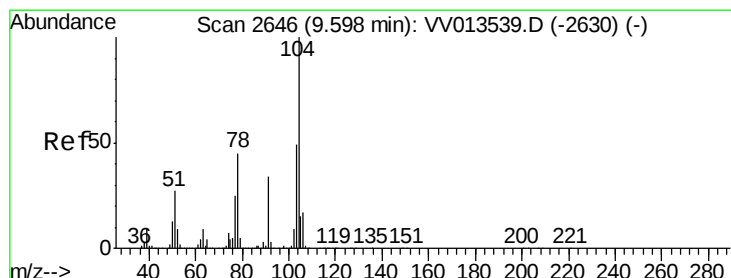
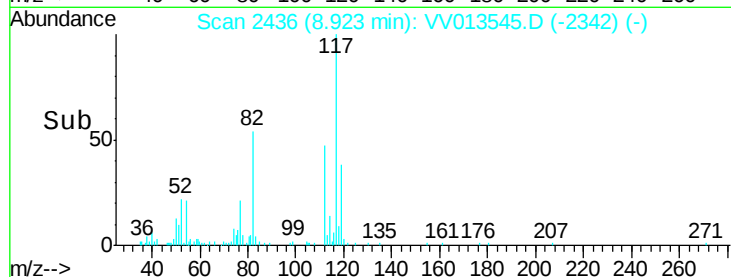
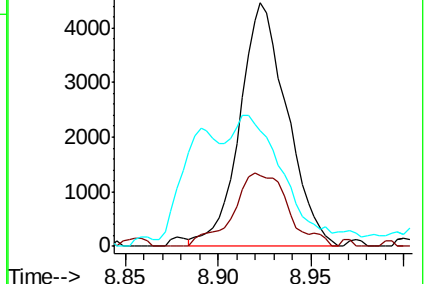
77 47.5 46.2 69.2



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0



#55

Styrene

Concen: 0.095 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.01 min

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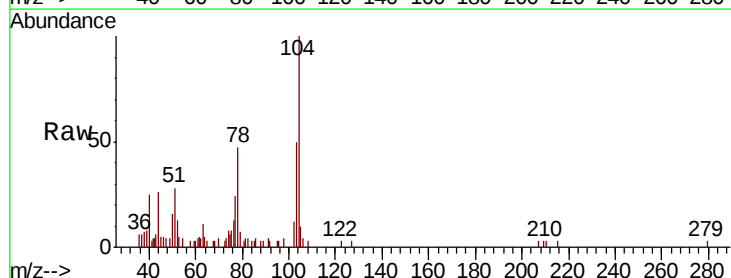
Acq: 08 Nov 2019 17:44

Tgt Ion:104 Resp: 7949

Ion Ratio Lower Upper

104 100

78 46.5 30.8 57.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

