

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112019\
 Data File : VV013693.D
 Acq On : 20 Nov 2019 17:09
 Operator : SY/MD
 Sample : K5911-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQL4

Quant Time: Nov 21 02:09:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 00:51:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	312294	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	301488	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	136139	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134427	6.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	139.40%#
7) Chloroethane-d5	1.58	69	119554	6.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	138.80%#
11) 1,1-Dichloroethene-d2	2.13	63	183416	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.00%
20) 2-Butanone-d5	3.96	46	290067	65.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.04%#
24) Chloroform-d	4.40	84	267927	6.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.60%#
26) 1,2-Dichloroethane-d4	5.08	65	133439	6.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.20%#
32) Benzene-d6	5.09	84	535540	6.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.40%#
36) 1,2-Dichloropropane-d6	6.11	67	160638	6.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	129.40%
41) Toluene-d8	7.36	98	470817	6.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.60%
43) trans-1,3-Dichloropropene-	7.66	79	54170	5.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.40%
46) 2-Hexanone-d5	8.14	63	205061	56.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	107005	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	180386	6.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	137.80%#

Target Compounds

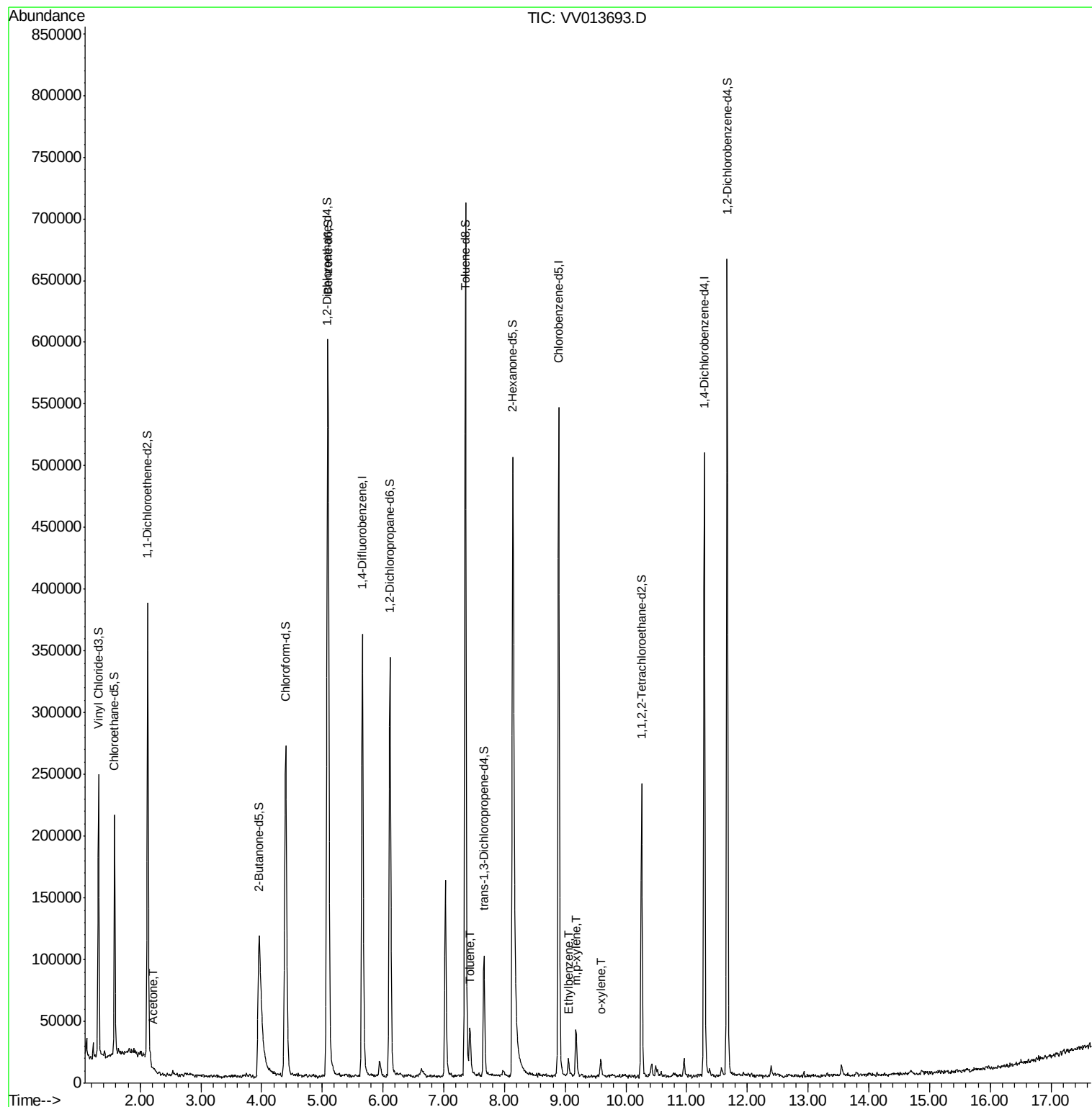
					Ovalue
13) Acetone	2.22	43	4976	1.768 ug/L	93
42) Toluene	7.43	91	27037	0.277 ug/L	90
52) Ethylbenzene	9.05	91	9194	0.088 ug/L #	80
53) m,p-xylene	9.18	106	11130	0.284 ug/L	92
54) o-xylene	9.59	106	4030	0.107 ug/L	93

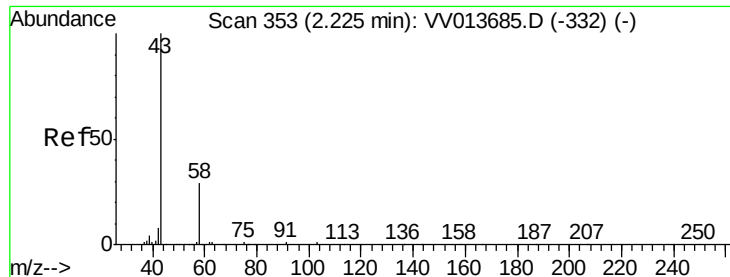
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 21 00:51:34 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.768 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

Lab File: VV013693.D

Acq: 20 Nov 2019 17:09

Instrument :

MSVOA_V

ClientSampleId :

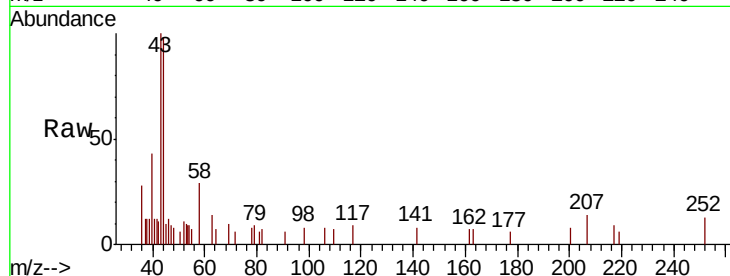
GAQL4

Tot Ion: 43 Resp: 4976

Ion Ratio Lower Upper

43 100

58 5.9 0.0 17.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2000

1500

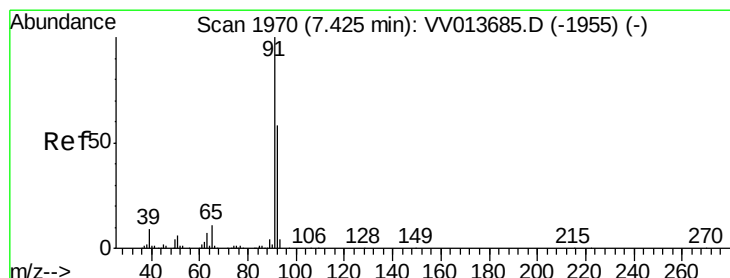
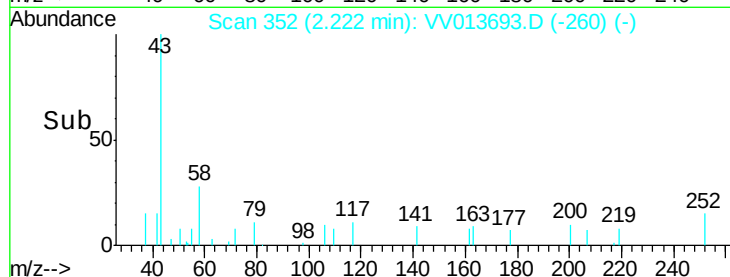
1000

500

0

Time--> 2.15 2.20 2.25 2.30

2.22



#42

Toluene

Concen: 0.277 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV013693.D

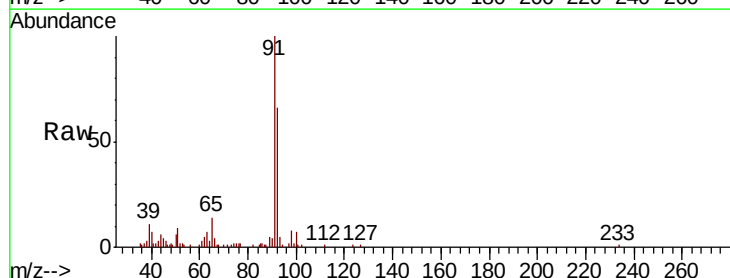
Acq: 20 Nov 2019 17:09

Tgt Ion: 91 Resp: 27037

Ion Ratio Lower Upper

91 100

92 66.2 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

15000

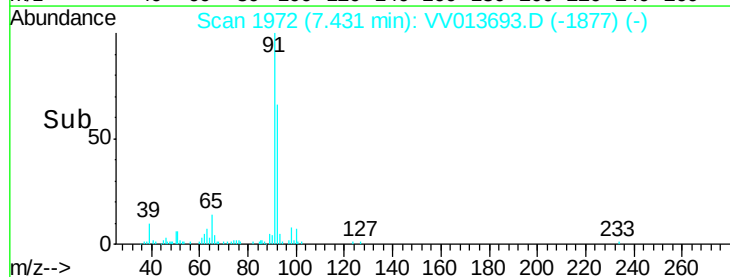
10000

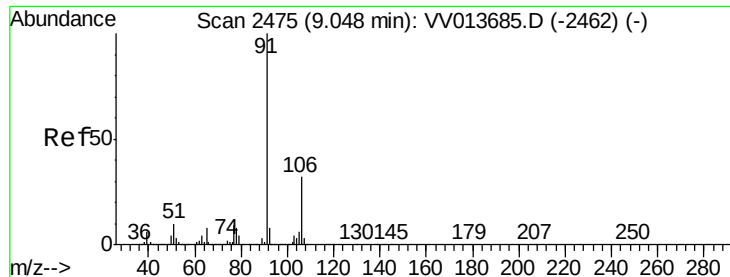
5000

0

Time--> 7.35 7.40 7.45 7.50

7.43





#52

Ethylbenzene

Concen: 0.088 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.01 min

Lab File: VV013693.D

Acq: 20 Nov 2019 17:09

Instrument :

MSVOA_V

ClientSampleId :

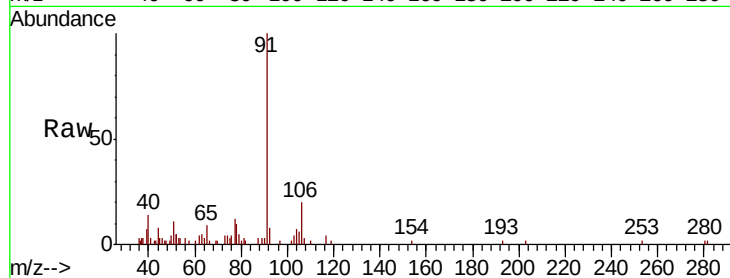
GAQL4

Tot Ion: 91 Resp: 9194

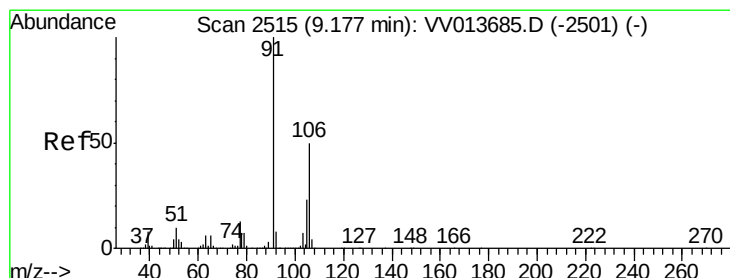
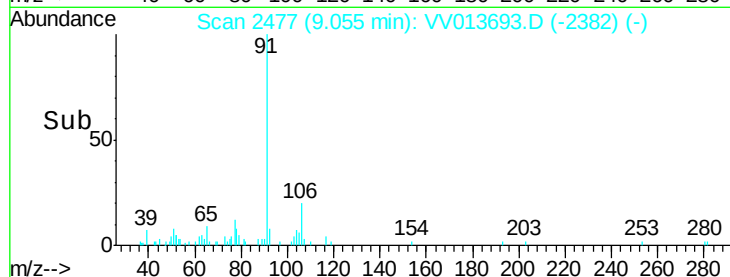
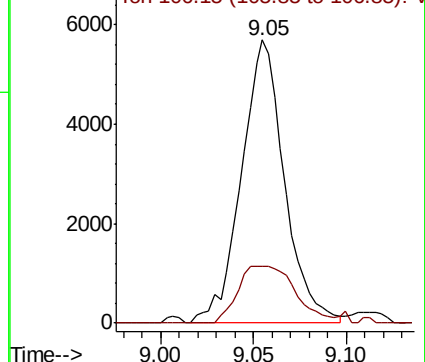
Ion Ratio Lower Upper

91 100

106 20.1 21.7 40.3#



Abundance Ion 91.15 (90.85 to 91.85): VV013685.D (-2462) (-)



#53

m,p-xylene

Concen: 0.284 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV013693.D

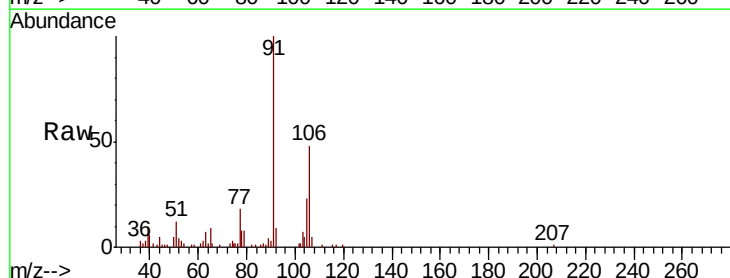
Acq: 20 Nov 2019 17:09

Tgt Ion: 106 Resp: 11130

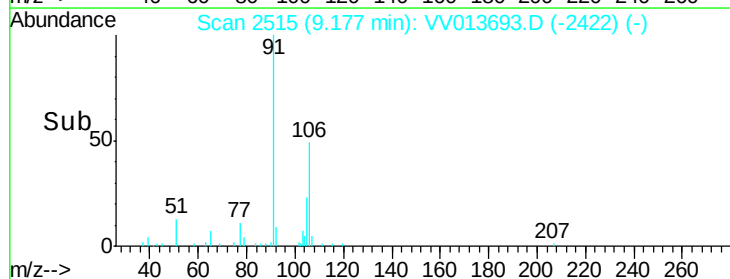
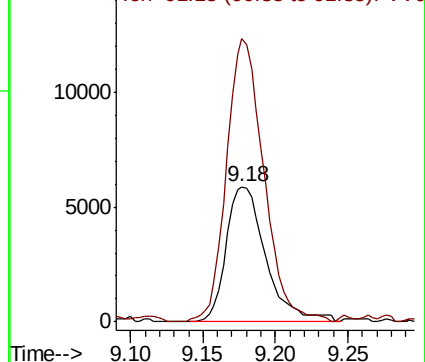
Ion Ratio Lower Upper

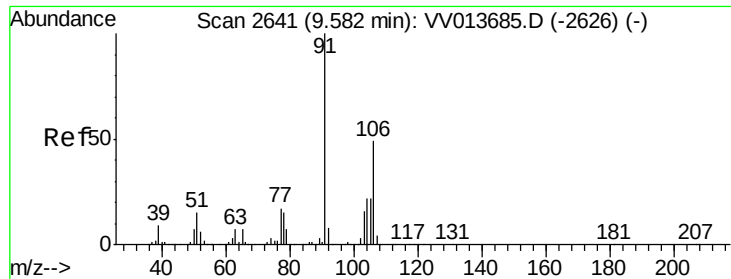
106 100

91 209.8 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): VV013685.D (-2501) (-)





#54
o-xylene
Concen: 0.107 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013693.D
Acq: 20 Nov 2019 17:09

Instrument :
MSVOA_V
ClientSampleId :
GAQL4

Tot Ion:106 Resp: 4030
Ion Ratio Lower Upper
106 100
91 199.5 146.9 272.7

