

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072519\
 Data File : VV012028.D
 Acq On : 25 Jul 2019 15:03
 Operator : SY/MD
 Sample : K3960-01DL 5X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A6DL

Quant Time: Jul 26 02:58:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 26 02:35:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144945	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139938	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	69985	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25045	3.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	1.59	69	21927	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.00%
11) 1,1-Dichloroethene-d2	2.13	63	39961	2.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.40%#
20) 2-Butanone-d5	3.93	46	86507	39.29	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.58%
24) Chloroform-d	4.40	84	71124	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.00%
26) 1,2-Dichloroethane-d4	5.08	65	41694	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
32) Benzene-d6	5.10	84	143239	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	6.12	67	41477	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.20%
41) Toluene-d8	7.36	98	126224	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	7.66	79	16355	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.13	63	69597	38.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30309	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	55279	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

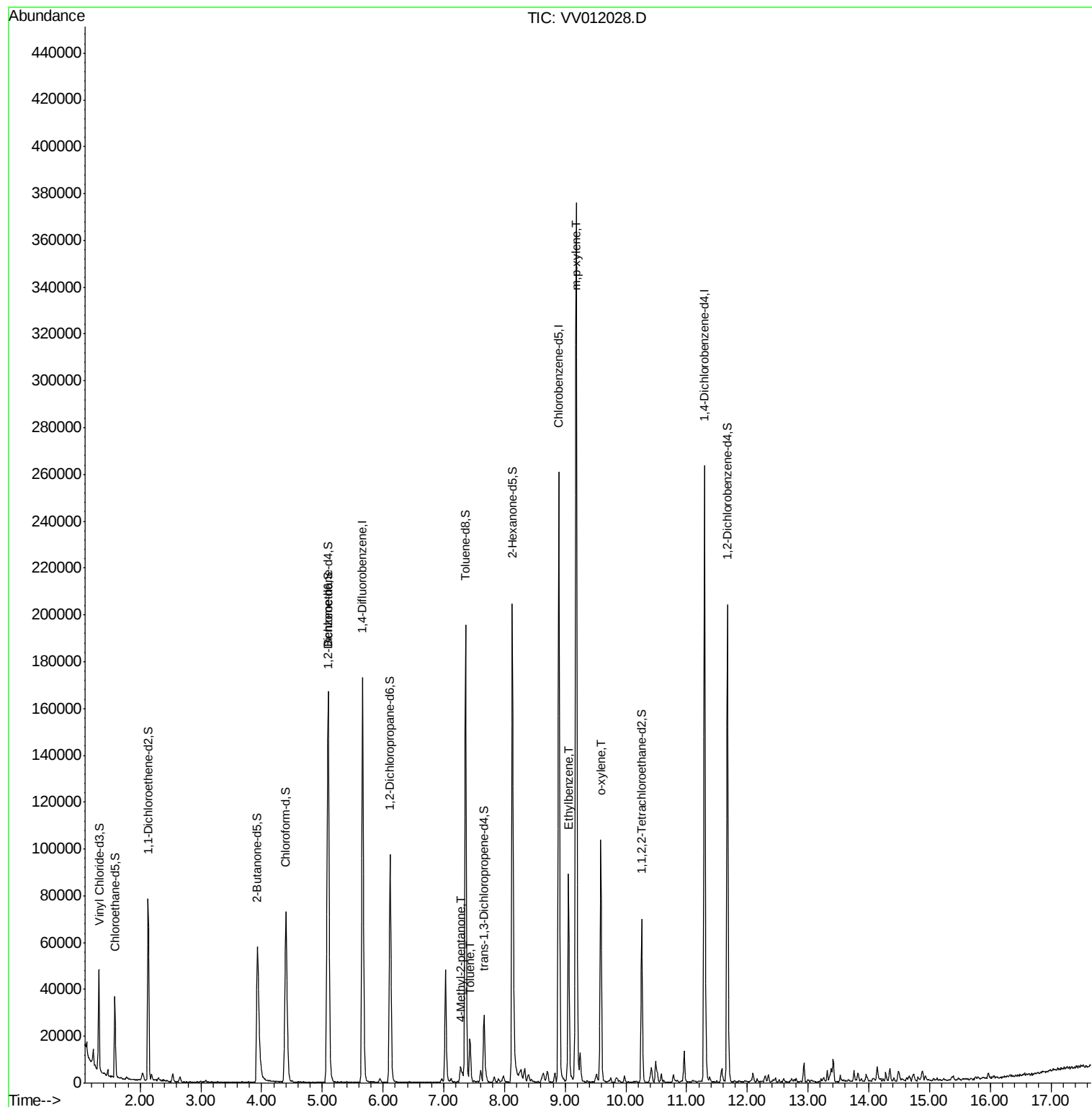
					Ovalue
40) 4-Methyl-2-pentanone	7.28	43	4528	0.819 ug/L #	86
42) Toluene	7.43	91	11781	0.267 ug/L	97
52) Ethylbenzene	9.05	91	58091	1.152 ug/L	99
53) m,p-xylene	9.18	106	104868	5.463 ug/L	99
54) o-xylene	9.59	106	27547	1.513 ug/L	94

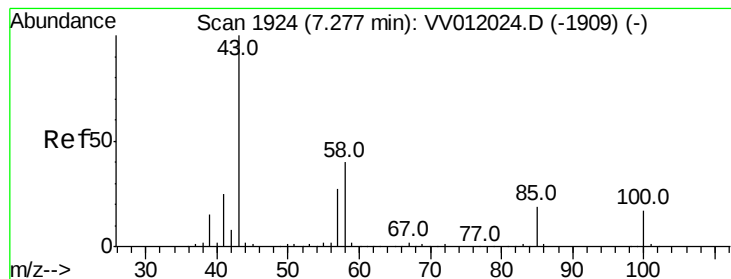
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 26 02:35:49 2019
Response via : Initial Calibration





#40

4-Methyl-2-pentanone

Concen: 0.819 ug/L

RT: 7.28 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VV012028.D

Acq: 25 Jul 2019 15:03

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MSVOA_V

ClientSampleID :

DB9A6DL

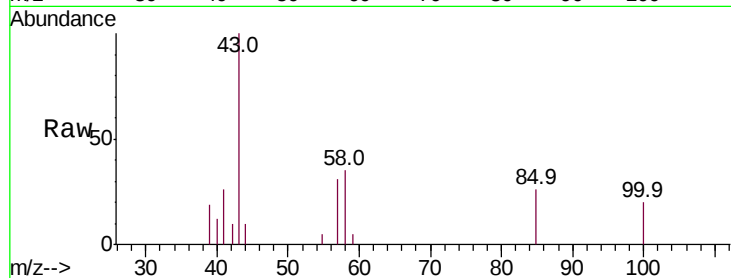
Tot Ion: 43 Resp: 4528

Ion Ratio Lower Upper

43 100

58 37.3 31.2 46.8

100 0.0 13.5 20.3#

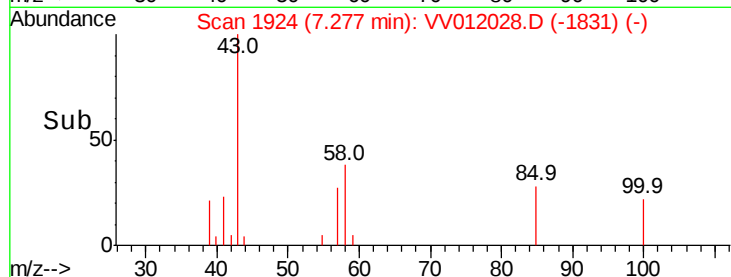


Abundance Ion 43.05 (42.75 to 43.75): VV012028.D (-1831) (-)

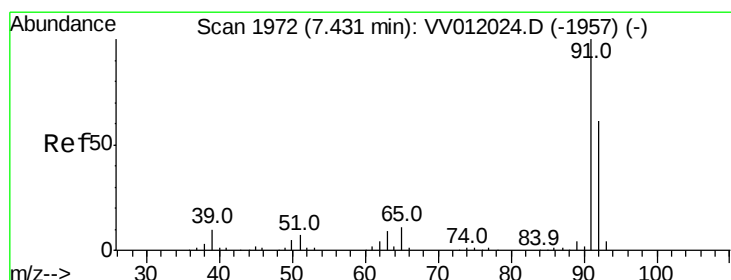
Ion 58.05 (57.75 to 58.75): VV012028.D (-1831) (-)

Ion 100.15 (99.85 to 100.85): VV012028.D (-1831) (-)

Time-->



Time-->



#42

Toluene

Concen: 0.267 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV012028.D

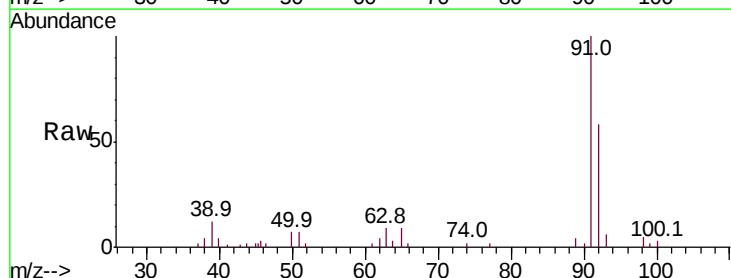
Acq: 25 Jul 2019 15:03

Tgt Ion: 91 Resp: 11781

Ion Ratio Lower Upper

91 100

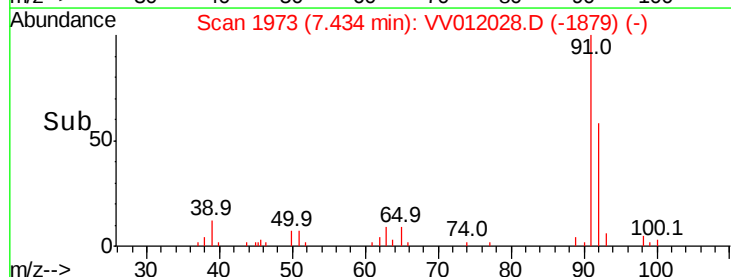
92 57.9 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV012028.D (-1879) (-)

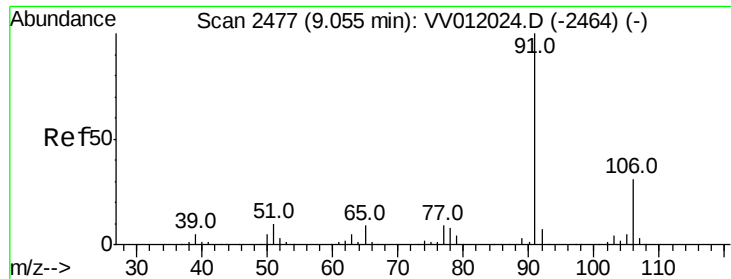
Ion 92.15 (91.85 to 92.85): VV012028.D (-1879) (-)

Time-->



Time-->

Time-->



#52

Ethylbenzene

Concen: 1.152 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012028.D

Acq: 25 Jul 2019 15:03

Instrument :

MSVOA_V

ClientSampleId :

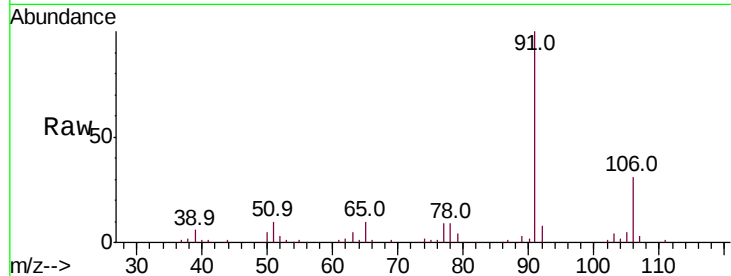
DB9A6DL

Tot Ion: 91 Resp: 58091

Ion Ratio Lower Upper

91 100

106 31.4 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV012028.D (-2384) (-)

Ion 106.15 (105.85 to 106.85): VV012028.D (-2384) (-)

9.05

40000

30000

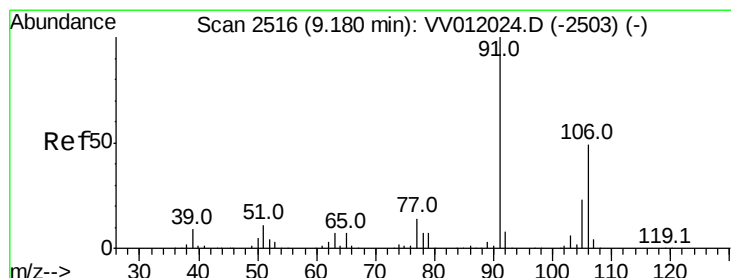
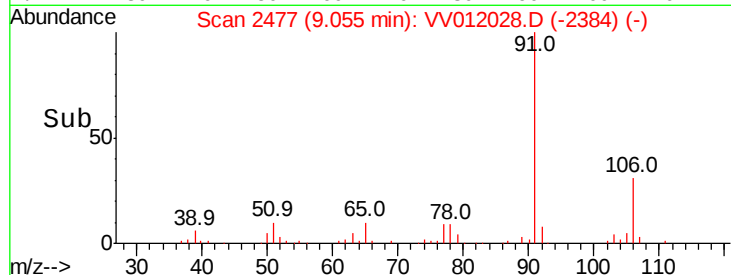
20000

10000

0

9.00 9.05 9.10

Time-->



#53

m,p-xylene

Concen: 5.463 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012028.D

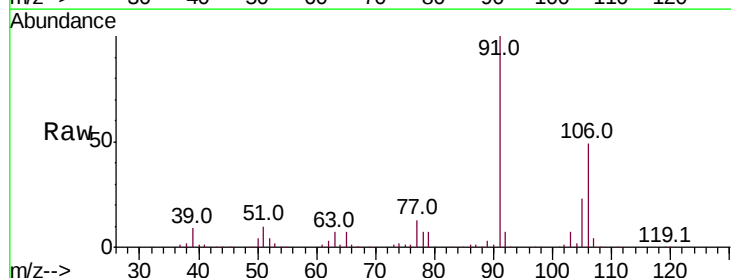
Acq: 25 Jul 2019 15:03

Tgt Ion: 106 Resp: 104868

Ion Ratio Lower Upper

106 100

91 202.3 142.7 265.1



Abundance Ion 106.15 (105.85 to 106.85): VV012028.D (-2423) (-)

Ion 91.15 (90.85 to 91.85): VV012028.D (-2423) (-)

150000

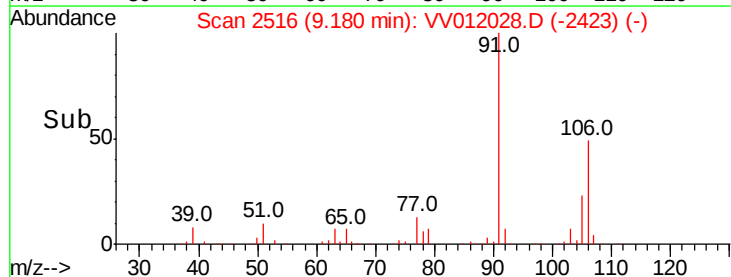
100000

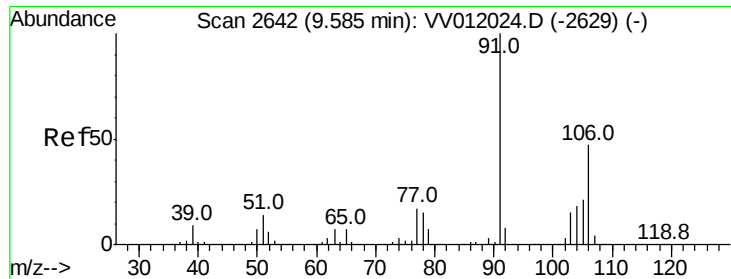
50000

0

9.10 9.15 9.20 9.25

Time-->





#54
 o-xylene
 Concen: 1.513 ug/L
 RT: 9.59 min Scan# 2642
 Delta R.T. 0.00 min
 Lab File: VV012028.D
 Acq: 25 Jul 2019 15:03

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A6DL

Tot Ion:106 Resp: 27547
 Ion Ratio Lower Upper
 106 100
 91 206.9 151.0 280.4

