

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072519\
 Data File : VV012029.D
 Acq On : 25 Jul 2019 15:29
 Operator : SY/MD
 Sample : K3960-02DL 10X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A7DL

Quant Time: Jul 26 03:03:01 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	5.67	114	132763	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	129030	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65087	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26438	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.58	69	24228	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.13	63	43316	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.93	46	101494	50.32	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.64%
24) Chloroform-d	4.40	84	80430	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	46450	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	158734	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.12	67	47382	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	140045	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.66	79	17866	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.13	63	82264	49.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34817	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	61576	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

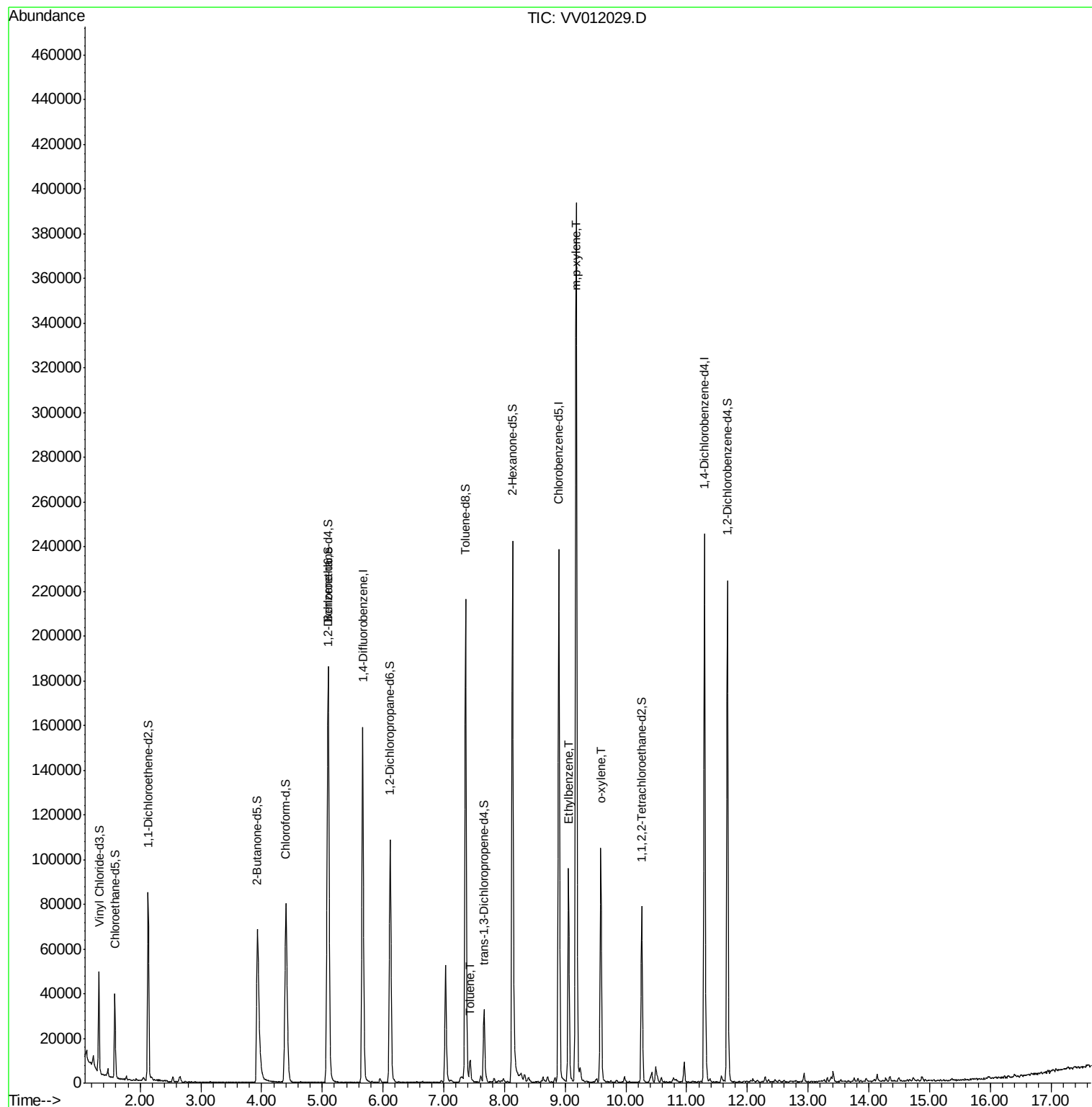
Target Compounds					Ovalue
42) Toluene	7.43	91	6907	0.170 ug/L	99
52) Ethylbenzene	9.05	91	63724	1.370 ug/L	96
53) m,p-xylene	9.18	106	112306	6.345 ug/L	97
54) o-xylene	9.59	106	27611	1.645 ug/L	97

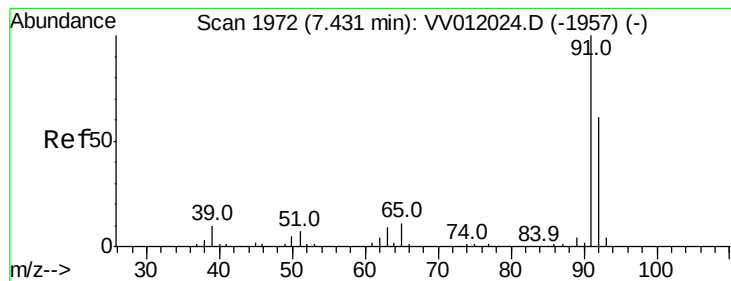
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

Toluene

Concen: 0.170 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

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ClientSampleId :

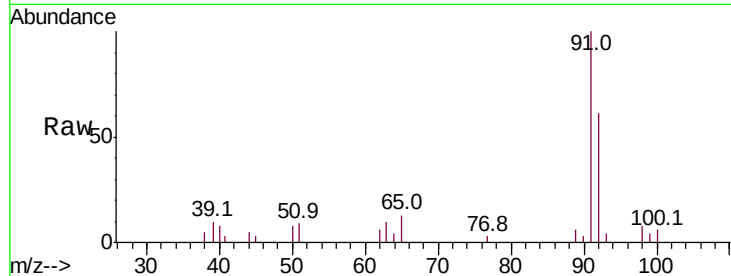
DB9A7DL

Tot Ion: 91 Resp: 6907

Ion Ratio Lower Upper

91 100

92 60.8 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

4000

3000

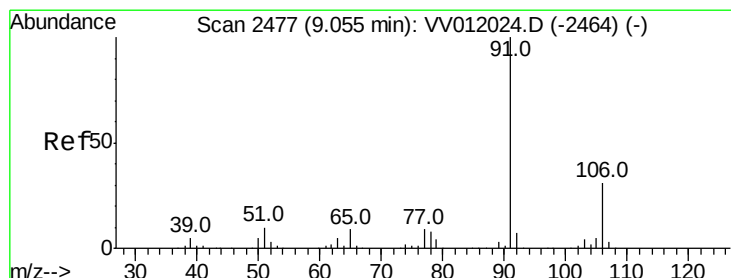
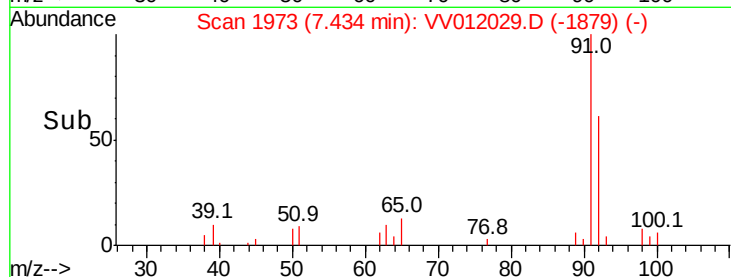
2000

1000

0

7.40 7.45

Time-->



#52

Ethylbenzene

Concen: 1.370 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012029.D

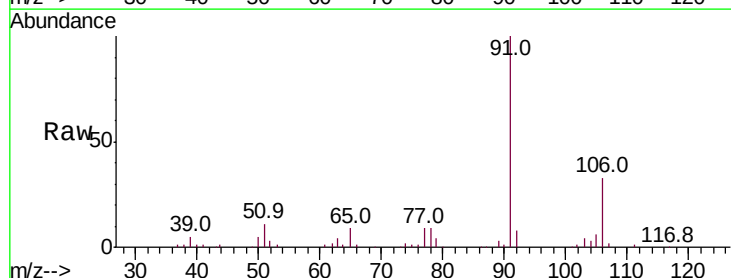
Acq: 25 Jul 2019 15:29

Tgt Ion: 91 Resp: 63724

Ion Ratio Lower Upper

91 100

106 32.9 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V

9.05

40000

30000

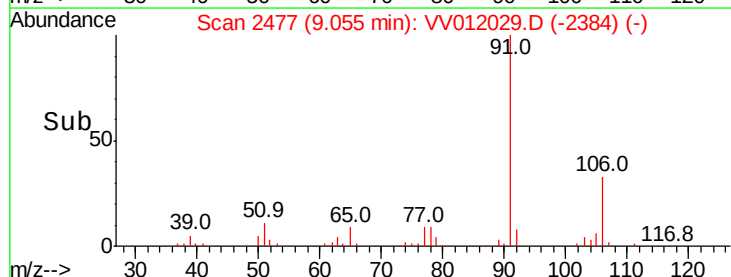
20000

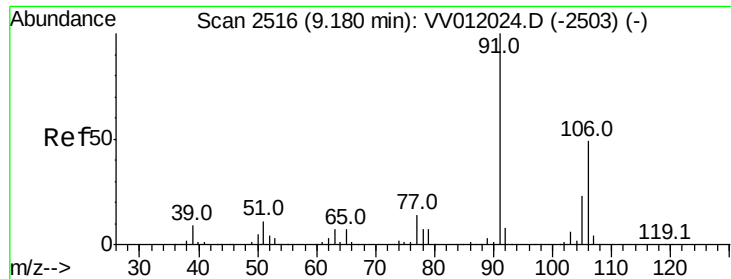
10000

0

9.00 9.05 9.10

Time-->





#53

m,p-xylene

Concen: 6.345 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012029.D

Acq: 25 Jul 2019 15:29

Instrument :

MSVOA_V

ClientSampleId :

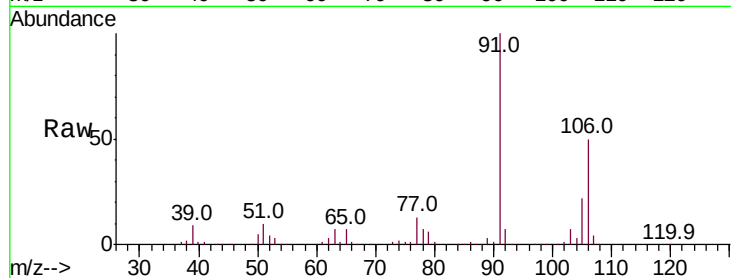
DB9A7DL

Tot Ion:106 Resp: 112306

Ion Ratio Lower Upper

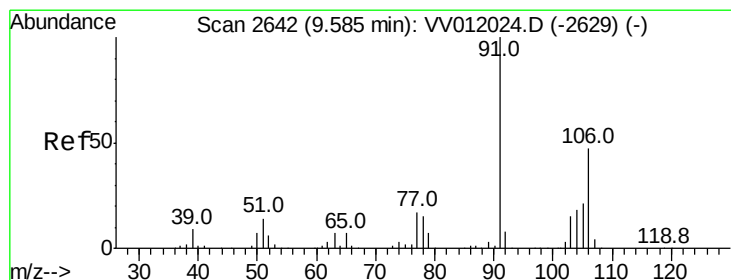
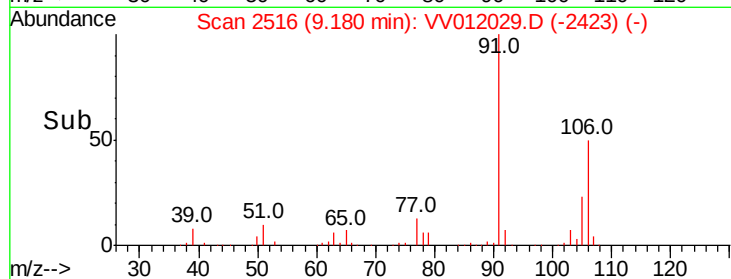
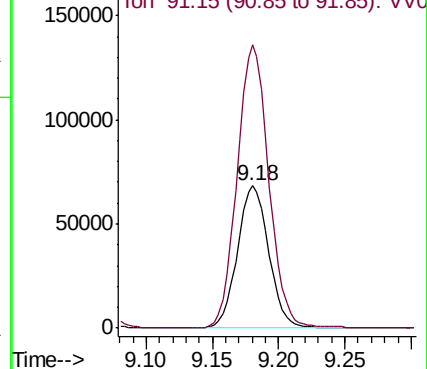
106 100

91 198.9 142.7 265.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 1.645 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

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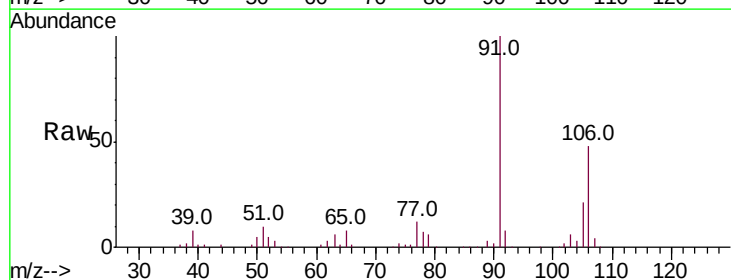
Acq: 25 Jul 2019 15:29

Tgt Ion:106 Resp: 27611

Ion Ratio Lower Upper

106 100

91 210.3 151.0 280.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

