

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100218\
 Data File : VR025934.D
 Acq On : 2 Oct 2018 18:35
 Operator : SY/MD
 Sample : J5160-16
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 03 04:29:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 02:53:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	424681	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	362160	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	121190	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	144598	4.32	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	2.63	69	130184	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	3.63	63	254268	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	6.59	46	223794	59.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.88%
24) Chloroform-d	7.20	84	272824	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	7.90	65	126876	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	7.85	84	500210	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	8.90	67	149631	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	9.97	98	441433	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	10.24	79	29858	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	10.59	63	168672	59.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64807	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	91512	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

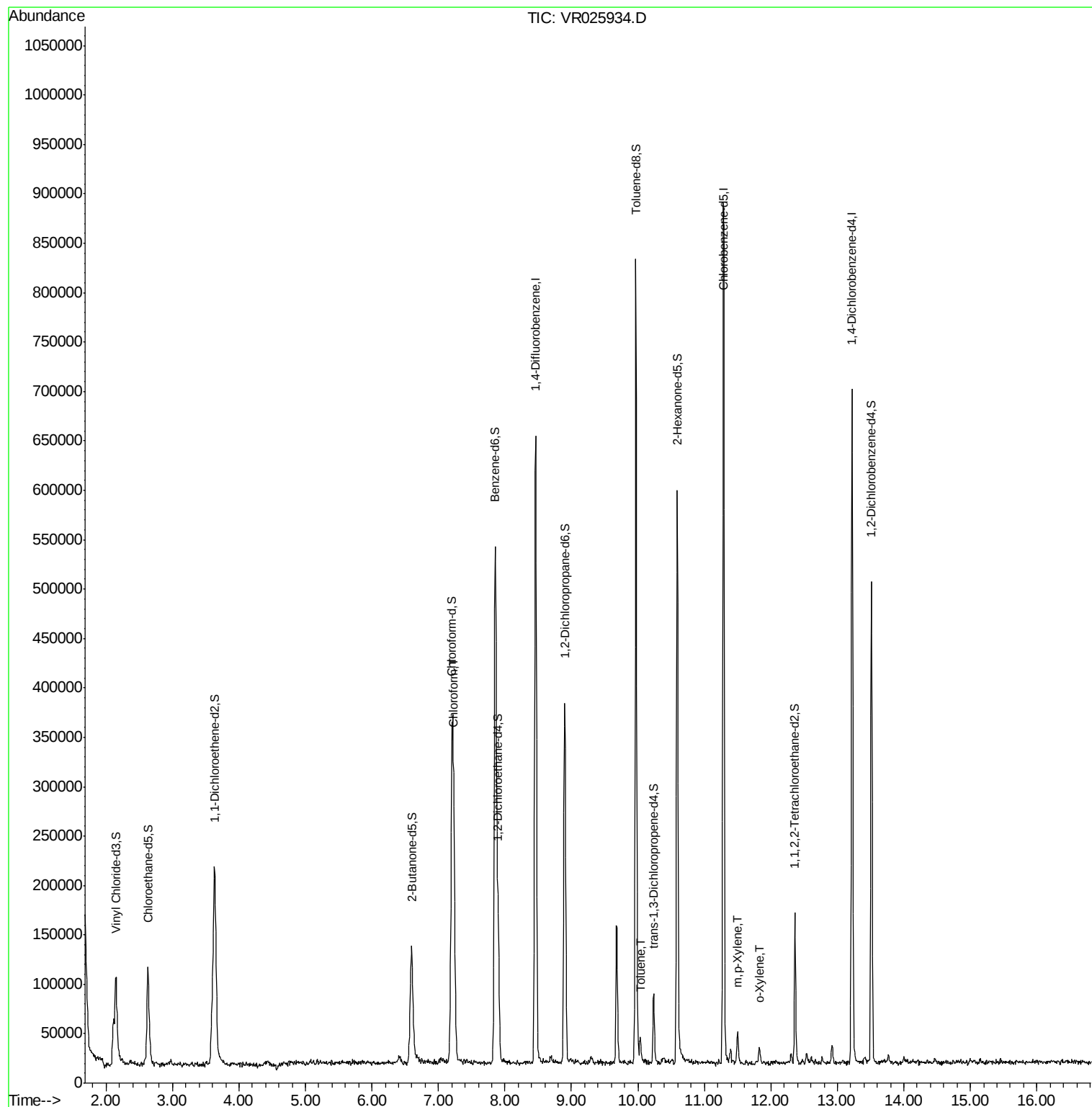
					Ovalue
25) Chloroform	7.23	83	198386	3.881 ug/L	92
42) Toluene	10.04	91	14902	0.118 ug/L	95
53) m,p-Xylene	11.50	106	7597	0.148 ug/L	100
54) o-Xylene	11.83	106	3499	0.073 ug/L	75

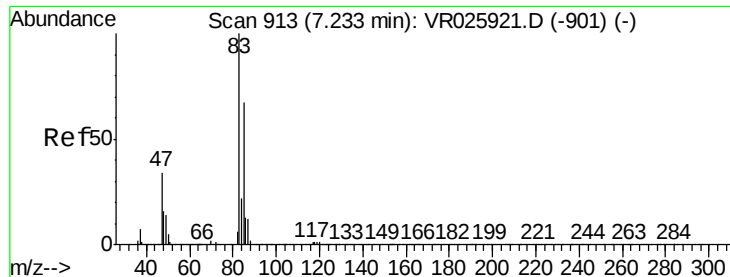
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 3.881 ug/L

RT: 7.23 min Scan# 913

Delta R.T. 0.00 min

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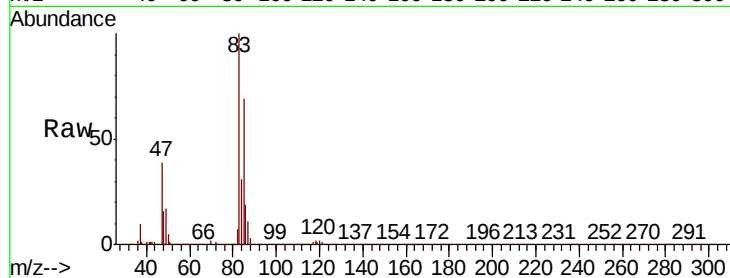
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 83 Resp: 198386

Ion Ratio Lower Upper

83 100

85 68.9 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0

7.23

80000

60000

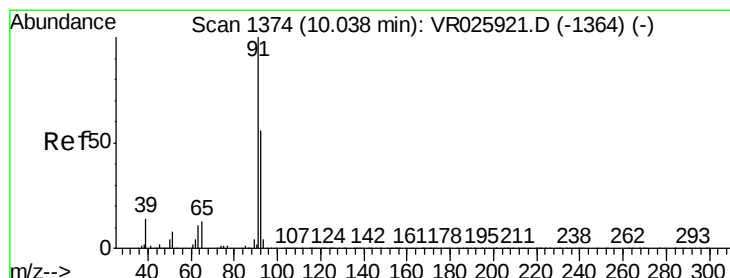
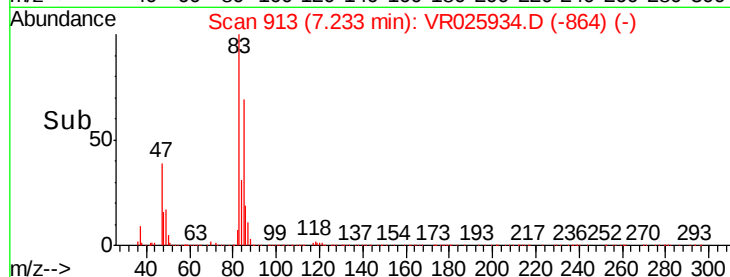
40000

20000

0

7.15 7.20 7.25 7.30

Time-->



#42

Toluene

Concen: 0.118 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.00 min

Lab File: VR025934.D

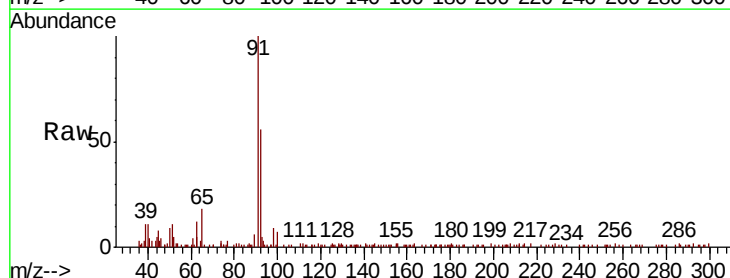
Acq: 2 Oct 2018 18:35

Tgt Ion: 91 Resp: 14902

Ion Ratio Lower Upper

91 100

92 55.7 41.8 77.6



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0

10.04

10000

8000

6000

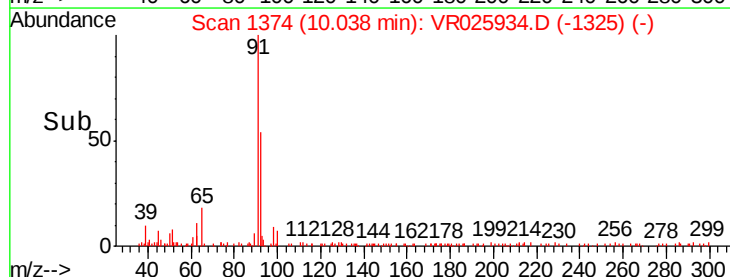
4000

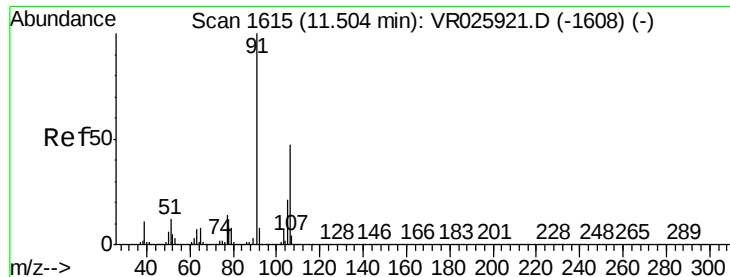
2000

0

9.95 10.00 10.05 10.10

Time-->

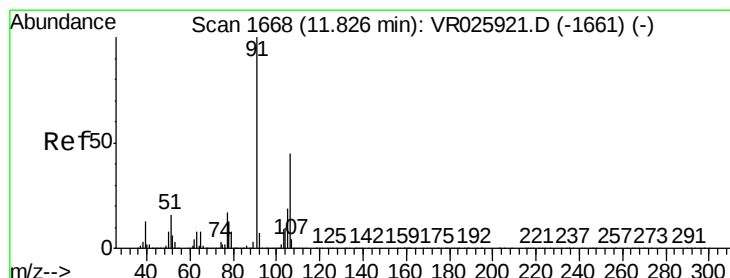
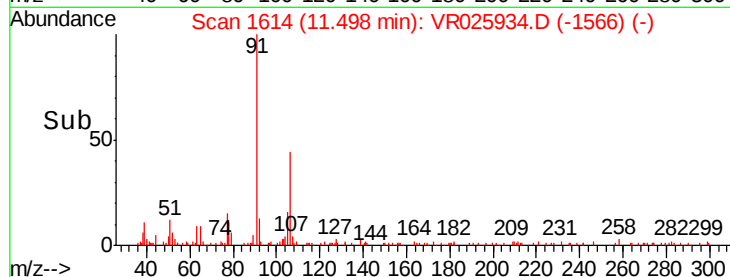
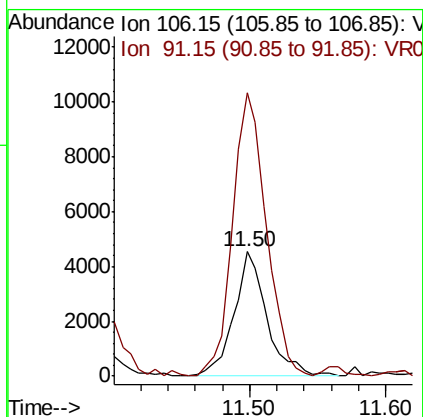
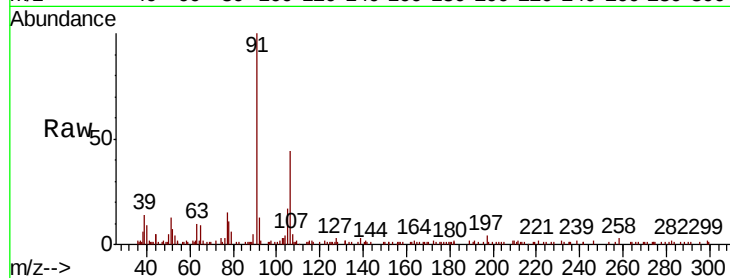




#53
m,p-Xylene
Concen: 0.148 ug/L
RT: 11.50 min Scan# 1614
Delta R.T. -0.01 min
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Instrument :
MSVOA_R
ClientSampled :

Tot Ion:106 Resp: 7597
Ion Ratio Lower Upper
106 100
91 227.5 159.7 296.5



#54
o-Xylene
Concen: 0.073 ug/L
RT: 11.83 min Scan# 1668
Delta R.T. 0.00 min
Lab File: VR025934.D
Acq: 2 Oct 2018 18:35

Tgt Ion:106 Resp: 3499
Ion Ratio Lower Upper
106 100
91 277.4 164.5 305.5

