

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007788.D
 Acq On : 23 Sep 2018 15:08
 Operator : SY/MD
 Sample : J5014-03
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E8JB3

Quant Time: Sep 24 08:05:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	181351	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103245	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36235	36.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.52%
7) Chloroethane-d5	1.59	69	37504	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.74%
11) 1,1-Dichloroethene-d2	2.14	63	74603	32.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.20%
21) 2-Butanone-d5	3.95	46	59718	91.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.74%
24) Chloroform-d	4.41	84	89024	42.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.38%
26) 1,2-Dichloroethane-d4	5.09	65	62173	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
32) Benzene-d6	5.11	84	183531	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.10%
36) 1,2-Dichloropropane-d6	6.13	67	53162	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.40%
41) Toluene-d8	7.36	98	186138	43.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.48%
43) trans-1,3-Dichloropropene-	7.67	79	23529	38.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.72%
47) 2-Hexanone-d5	8.14	63	45908	85.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	85576	45.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.14%
64) 1,2-Dichlorobenzene-d4	11.68	152	97932	46.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.22%

Target Compounds

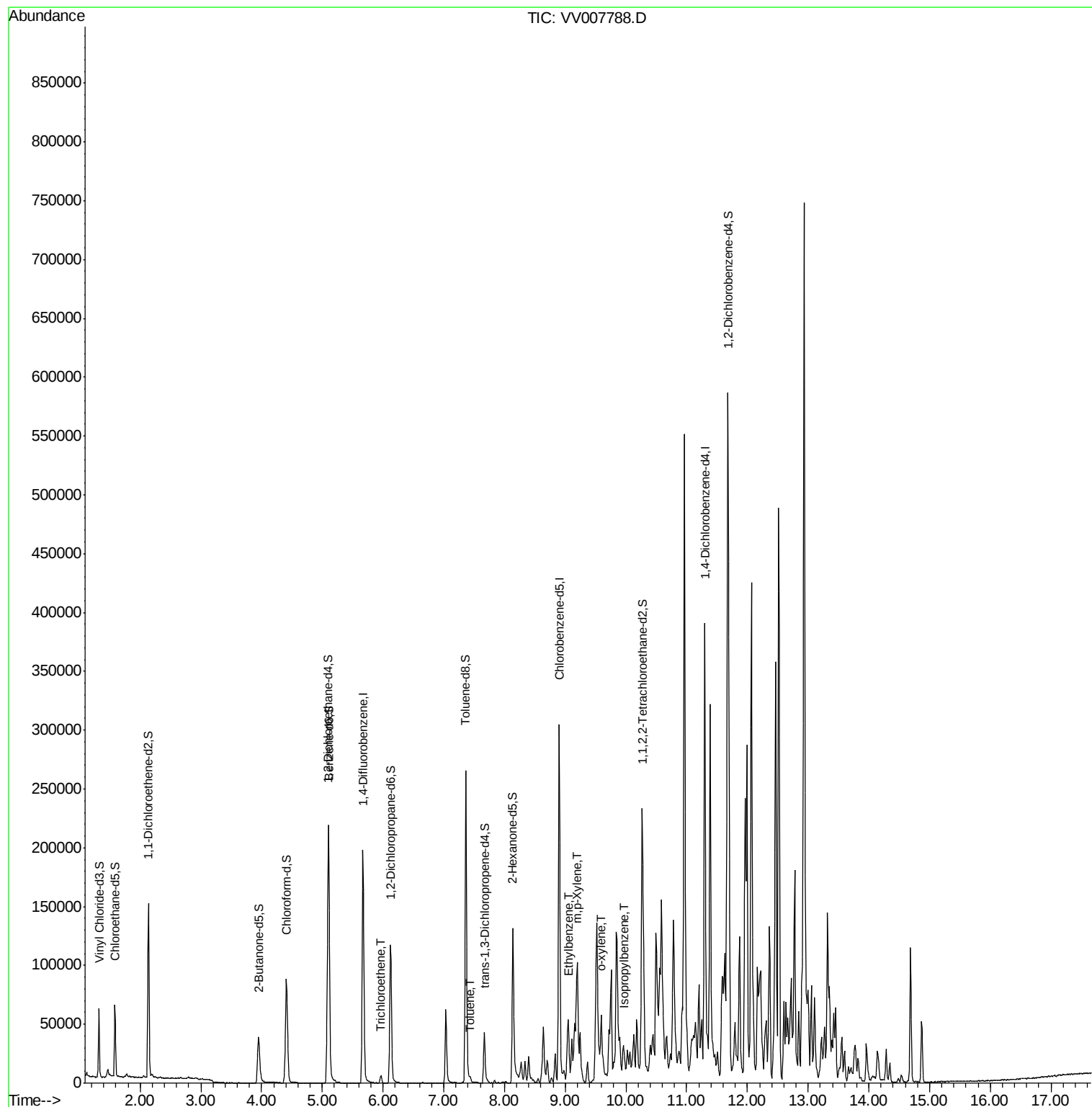
					Ovalue
34) Trichloroethene	5.96	95	2143	1.688 ug/L	86
42) Toluene	7.44	91	2185	0.429 ug/L	88
52) Ethylbenzene	9.06	91	10369	1.803 ug/L	97
53) m,p-Xylene	9.18	106	14938	6.489 ug/L	98
54) o-xylene	9.59	106	13106	5.836 ug/L	98
56) Isopropylbenzene	9.98	105	7831	1.293 ug/L #	95

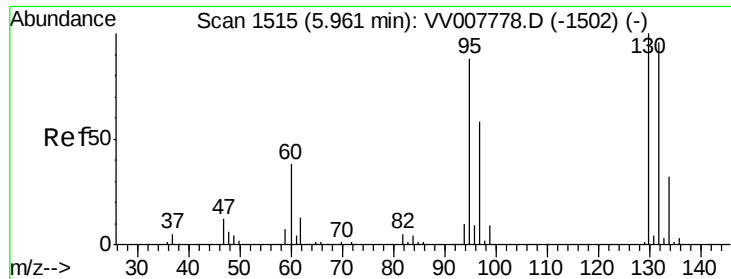
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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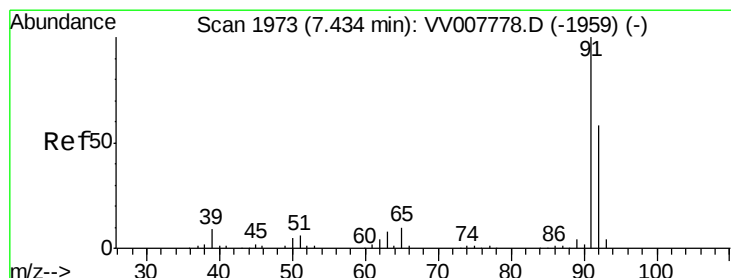
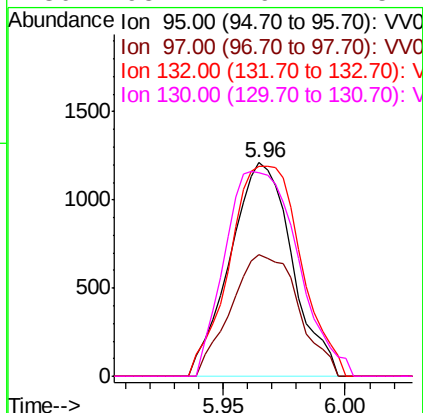
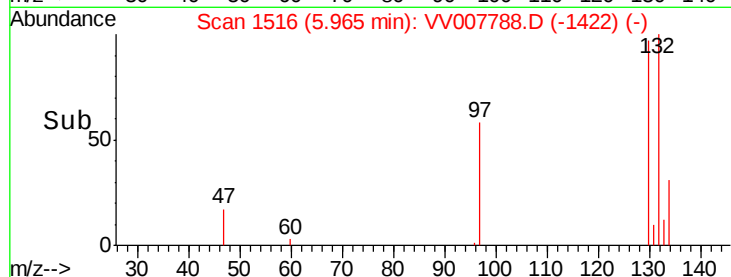
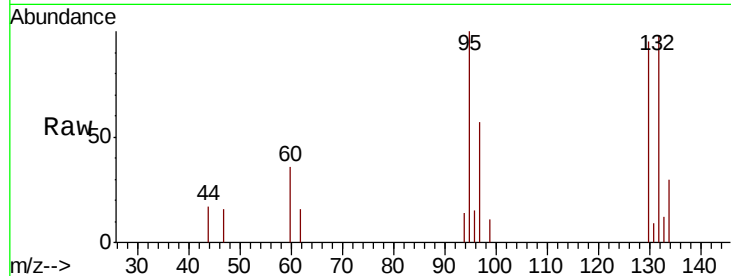




#34
 Trichloroethene
 Concen: 1.688 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007788.D
 Acq: 23 Sep 2018 15:08

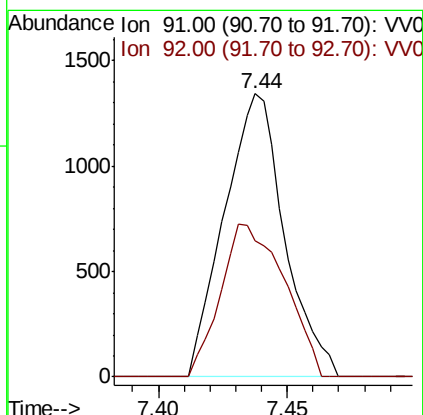
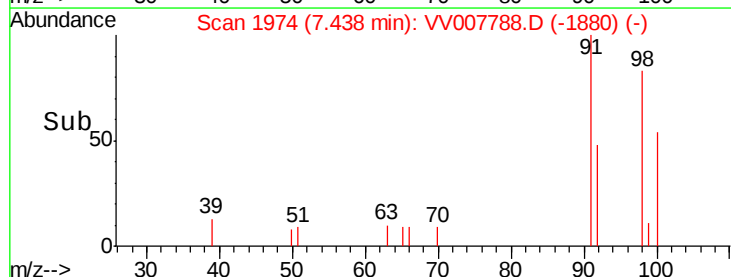
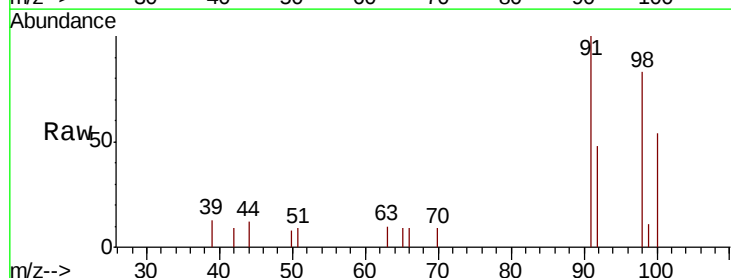
Instrument :
 MSVOA_V
 ClientSampled :
 E8JB3

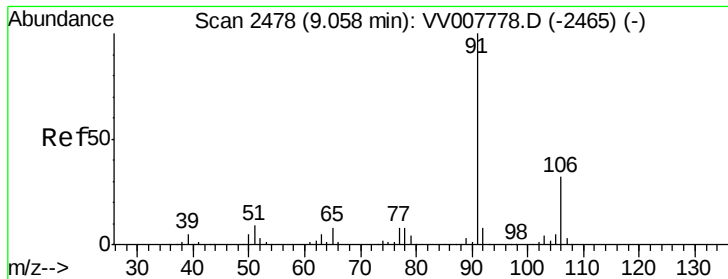
Tot Ion: 95 Resp: 2143
 Ion Ratio Lower Upper
 95 100
 97 57.1 45.2 84.0
 132 98.3 77.7 144.3
 130 95.2 79.7 148.1



#42
 Toluene
 Concen: 0.429 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VV007788.D
 Acq: 23 Sep 2018 15:08

Tgt Ion: 91 Resp: 2185
 Ion Ratio Lower Upper
 91 100
 92 48.0 39.7 73.7





#52

Ethylbenzene

Concen: 1.803 ug/L

RT: 9.06 min Scan# 2479

Delta R.T. 0.00 min

Lab File: VV007778.D

Acq: 23 Sep 2018 15:08

Instrument :

MSVOA_V

ClientSampled :

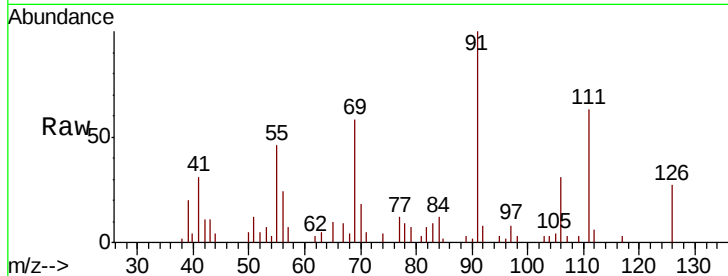
E8JB3

Tot Ion: 91 Resp: 10369

Ion Ratio Lower Upper

91 100

106 30.6 22.7 42.1



Abundance Ion 91.00 (90.70 to 91.70): VV007778.D (-2465) (-)

Ion 106.00 (105.70 to 106.70): VV007778.D (-2465) (-)

6000

4000

2000

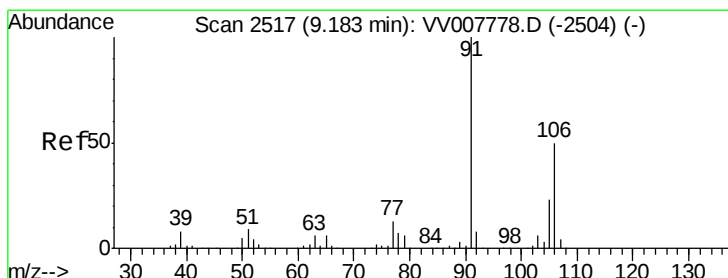
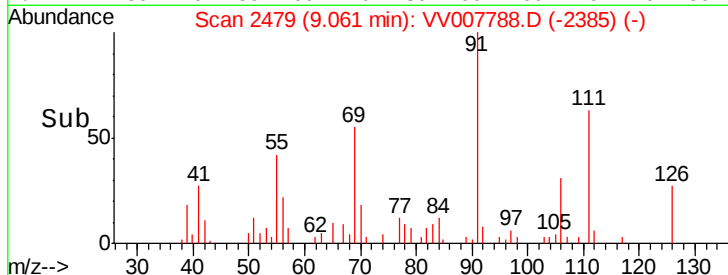
0

9.06

9.05

9.10

Time-->



#53

m,p-Xylene

Concen: 6.489 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV007778.D

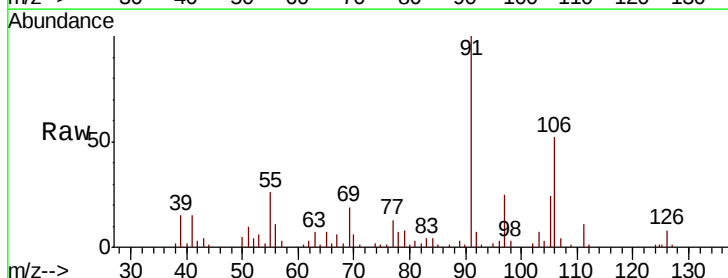
Acq: 23 Sep 2018 15:08

Tgt Ion: 106 Resp: 14938

Ion Ratio Lower Upper

106 100

91 193.6 137.3 254.9



Abundance Ion 106.00 (105.70 to 106.70): VV007778.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VV007778.D (-2504) (-)

20000

15000

10000

5000

0

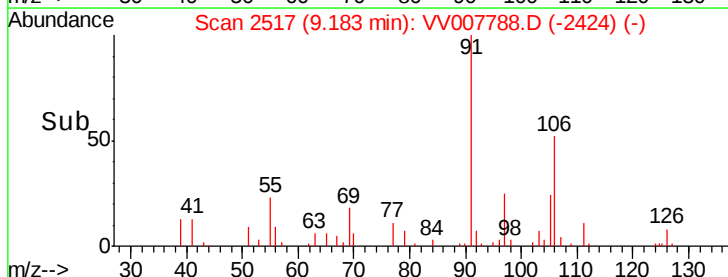
9.18

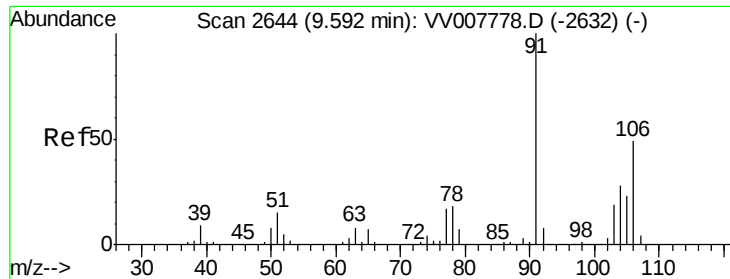
9.15

9.20

9.25

Time-->

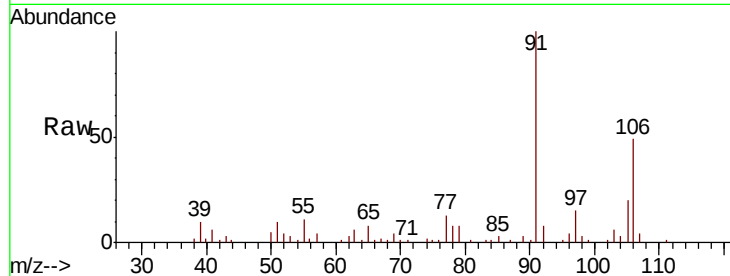




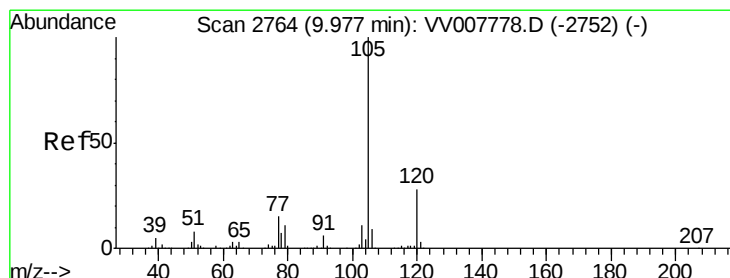
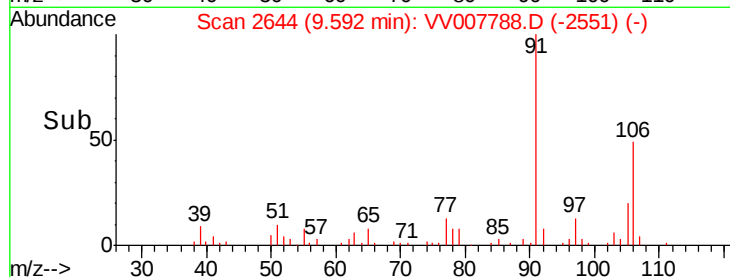
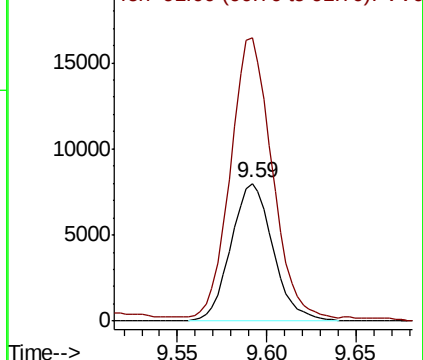
#54
o-xylene
Concen: 5.836 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV007778.D
Acq: 23 Sep 2018 15:08

Instrument :
MSVOA_V
ClientSampled :
E8JB3

Tot Ion:106 Resp: 13106
Ion Ratio Lower Upper
106 100
91 205.5 145.5 270.3

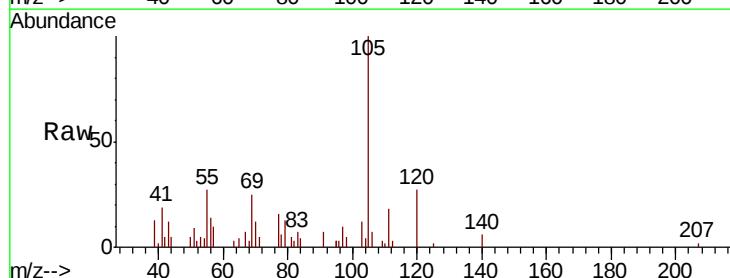


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0



#56
Isopropylbenzene
Concen: 1.293 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV007778.D
Acq: 23 Sep 2018 15:08

Tgt Ion:105 Resp: 7831
Ion Ratio Lower Upper
105 100
120 26.3 22.0 33.0
77 18.8 12.1 18.1#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): VV0

