

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008789.D
 Acq On : 30 Nov 2018 02:21
 Operator : SY/MD
 Sample : J6136-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALP7

Quant Time: Nov 30 07:05:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 06:23:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	141639	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	129545	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56163	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46202	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.59	69	31761	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.14	63	64942	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.96	46	107959	49.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.38%
24) Chloroform-d	4.41	84	91996	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.09	65	46917	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.10	84	199377	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	57992	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	175708	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	17881	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.14	63	75658	45.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33882	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	61168	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

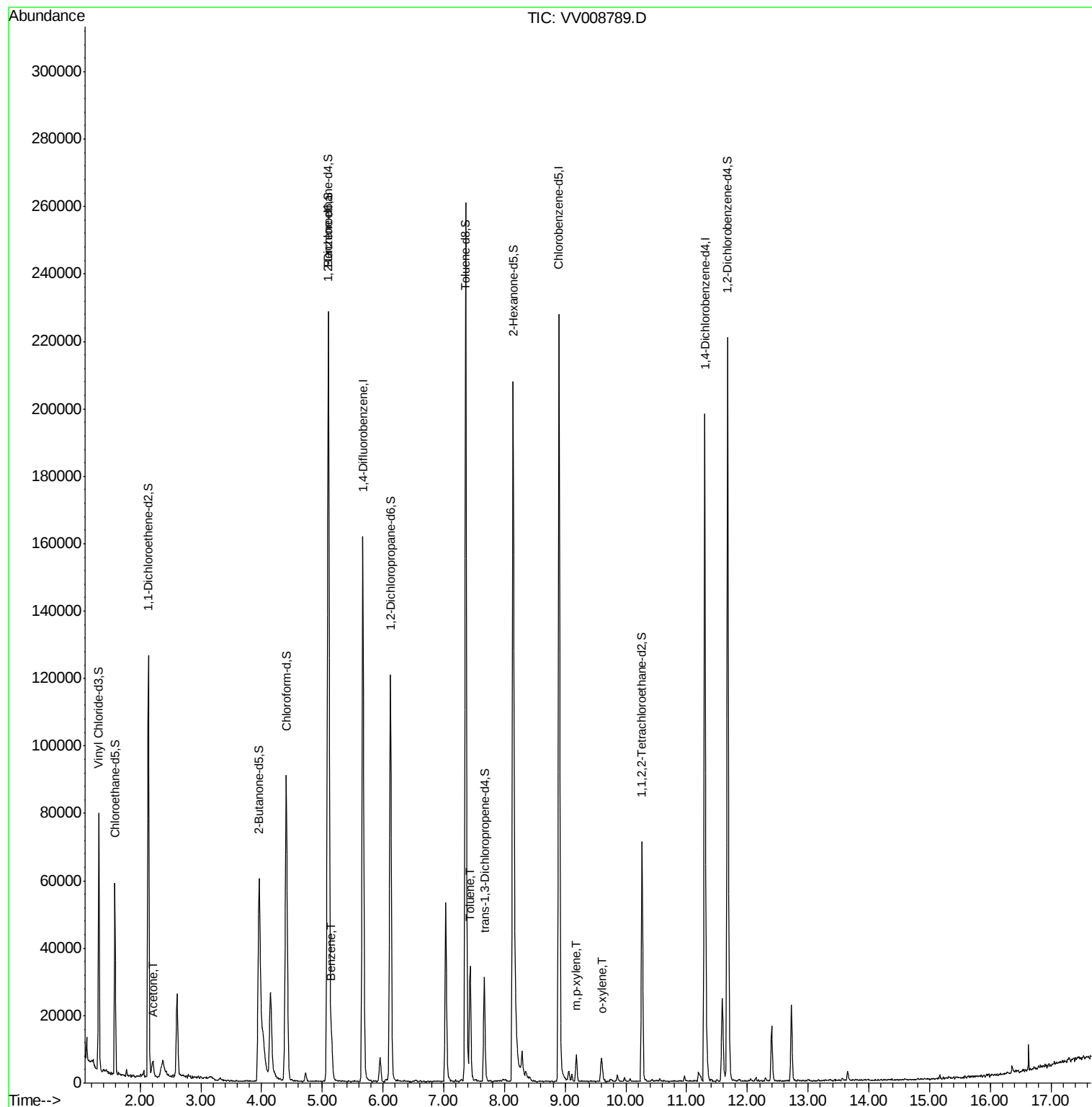
					Qvalue
13) Acetone	2.21	43	6087	5.565 ug/L	91
33) Benzene	5.15	78	11548	0.297 ug/L	100
42) Toluene	7.43	91	24724	0.608 ug/L	98
53) m,p-xylene	9.19	106	2431	0.147 ug/L	95
54) o-xylene	9.59	106	1661	0.104 ug/L	99

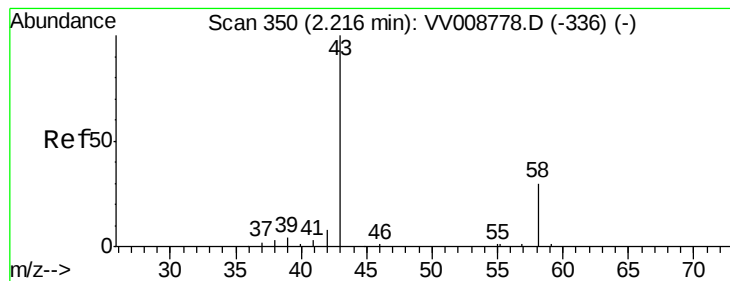
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.565 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV008789.D

Acq: 30 Nov 2018 02:21

Instrument :

MSVOA_V

ClientSampleId :

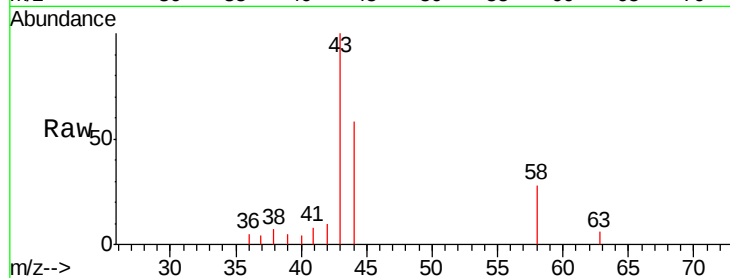
YALP7

Tgt Ion: 43 Resp: 6087

Ion Ratio Lower Upper

43 100

58 25.3 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV008778.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV008778.D (-336) (-)

2.21

3000

2500

2000

1500

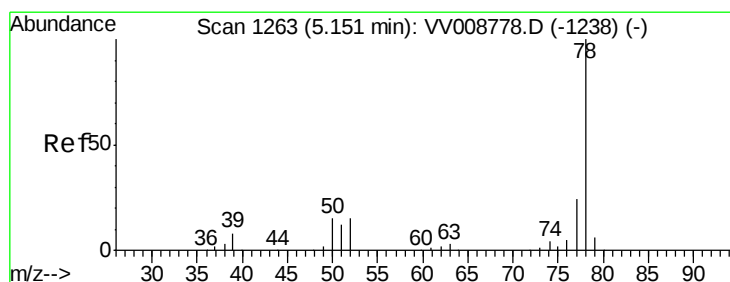
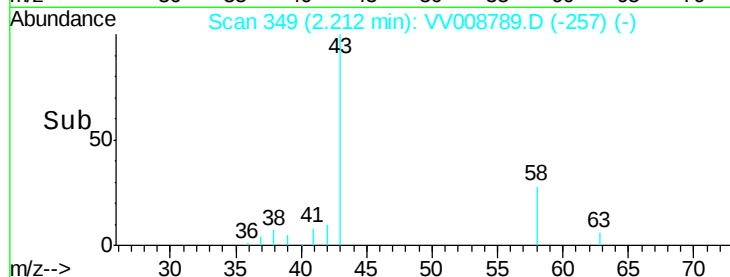
1000

500

0

Time-->

2.15 2.20 2.25 2.30



#33

Benzene

Concen: 0.297 ug/L

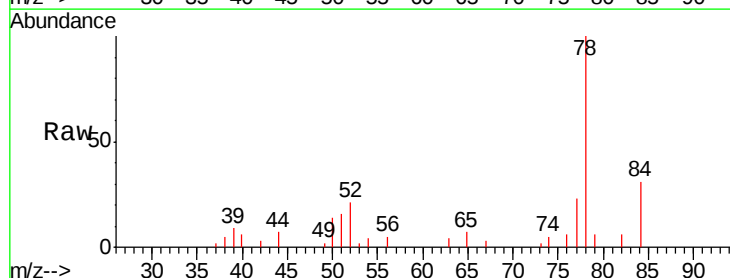
RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV008789.D

Acq: 30 Nov 2018 02:21

Tgt Ion: 78 Resp: 11548



Abundance Ion 78.10 (77.80 to 78.80): VV008778.D (-1238) (-)

5.15

6000

5000

4000

3000

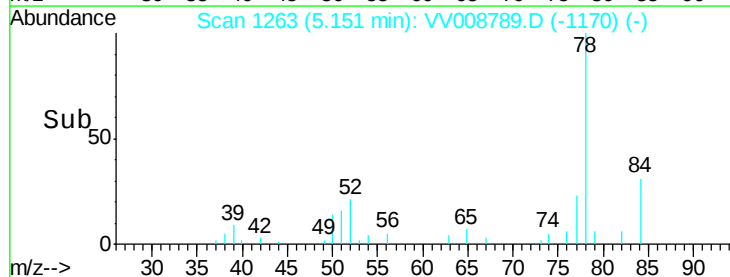
2000

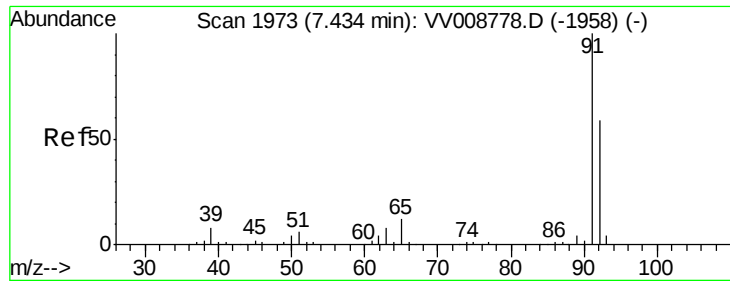
1000

0

Time-->

5.10 5.15 5.20





#42

Toluene

Concen: 0.608 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008789.D

Acq: 30 Nov 2018 02:21

Instrument :

MSVOA_V

ClientSampleId :

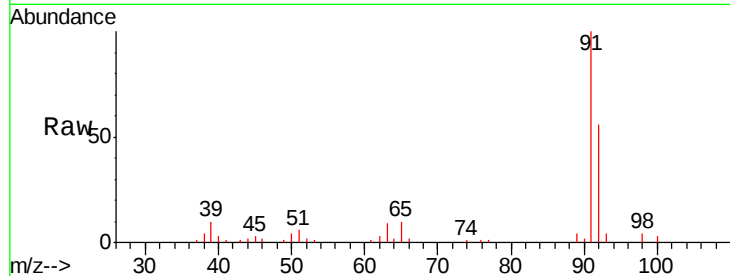
YALP7

Tgt Ion: 91 Resp: 24724

Ion Ratio Lower Upper

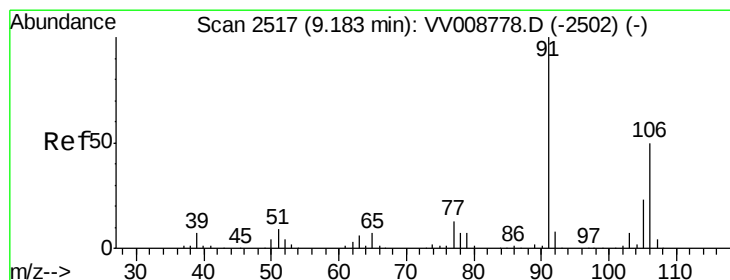
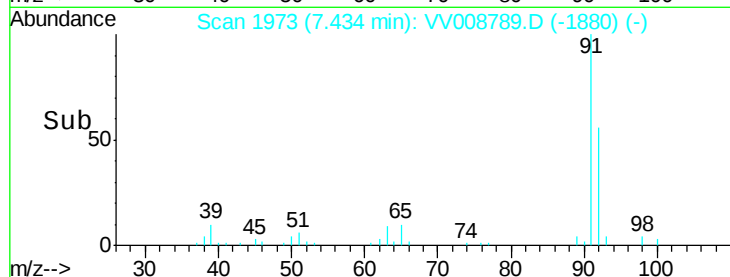
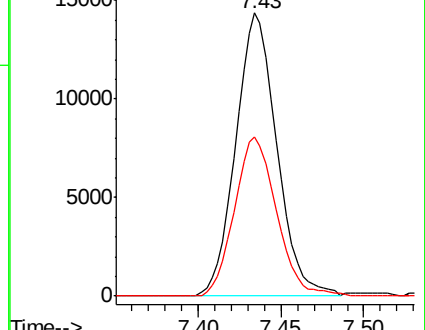
91 100

92 56.4 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VV008778.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV008778.D (-1958) (-)



#53

m,p-xylene

Concen: 0.147 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV008789.D

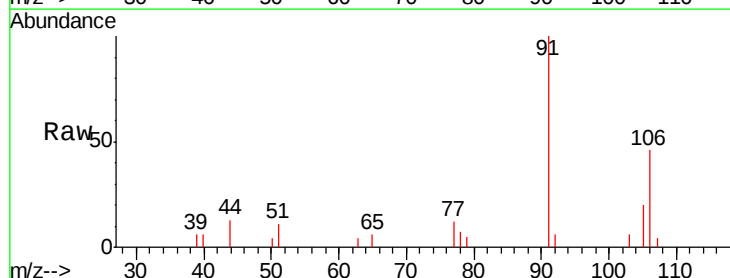
Acq: 30 Nov 2018 02:21

Tgt Ion: 106 Resp: 2431

Ion Ratio Lower Upper

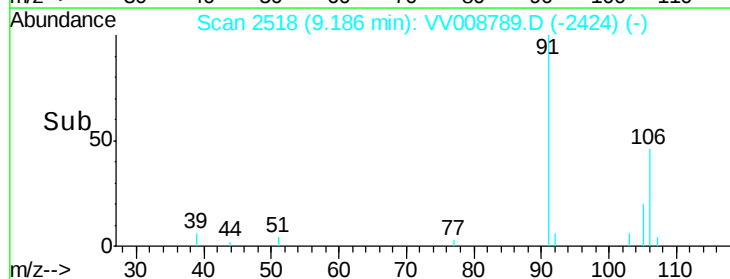
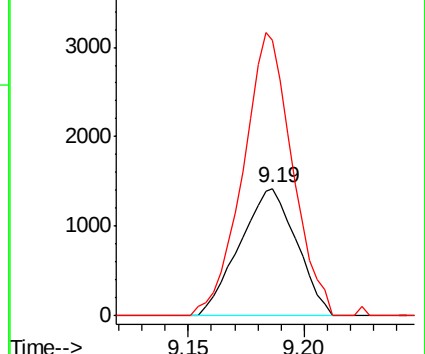
106 100

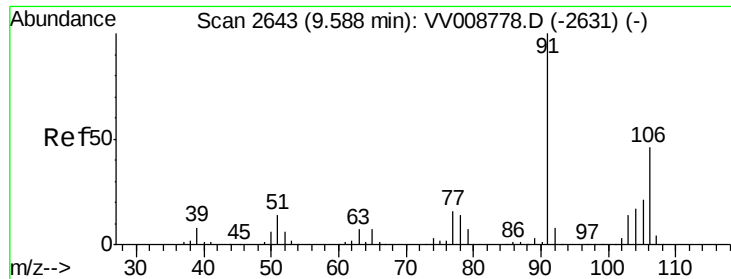
91 216.4 145.5 270.3



Abundance Ion 106.15 (105.85 to 106.85): VV008778.D (-2502) (-)

Ion 91.15 (90.85 to 91.85): VV008778.D (-2502) (-)





#54
 o-xylene
 Concen: 0.104 ug/L
 RT: 9.59 min Scan# 2643
 Delta R.T. 0.00 min
 Lab File: VV008789.D
 Acq: 30 Nov 2018 02:21

Instrument :
 MSVOA_V
 ClientSampleId :
 YALP7

Tgt Ion:106 Resp: 1661
 Ion Ratio Lower Upper
 106 100
 91 213.5 148.7 276.1

