

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007772.D
 Acq On : 23 Sep 2018 07:34
 Operator : SY/MD
 Sample : J5013-12
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08P2

Quant Time: Sep 24 07:06:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 05:16:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	177583	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	169981	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87683	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36586	37.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.82%
7) Chloroethane-d5	1.59	69	38021	43.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.70%
11) 1,1-Dichloroethene-d2	2.14	63	74505	32.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.48%
21) 2-Butanone-d5	3.95	46	47955	75.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.23%
24) Chloroform-d	4.41	84	83683	40.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.09	65	61442	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
32) Benzene-d6	5.11	84	176116	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
36) 1,2-Dichloropropane-d6	6.13	67	52196	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.48%
41) Toluene-d8	7.37	98	181353	44.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.84%
43) trans-1,3-Dichloropropene-	7.67	79	22222	38.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.40%
47) 2-Hexanone-d5	8.14	63	38969	76.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78865	43.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.58%
64) 1,2-Dichlorobenzene-d4	11.68	152	85496	47.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

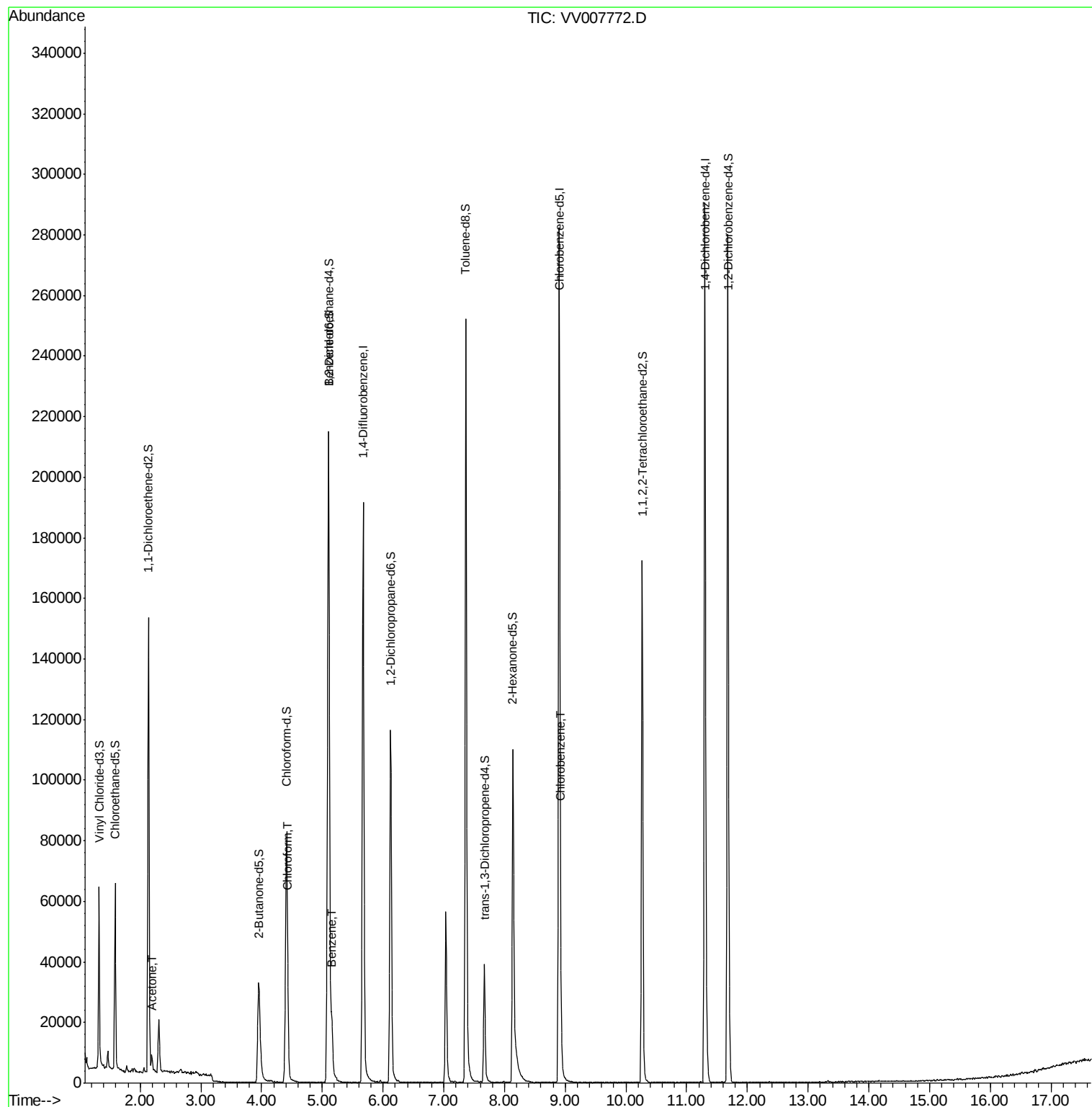
					Ovalue
13) Acetone	2.19	43	3701	5.502 ug/L	88
25) Chloroform	4.44	83	4577	2.300 ug/L	91
33) Benzene	5.15	78	16613	4.080 ug/L	100
51) Chlorobenzene	8.93	112	9137	2.628 ug/L	95

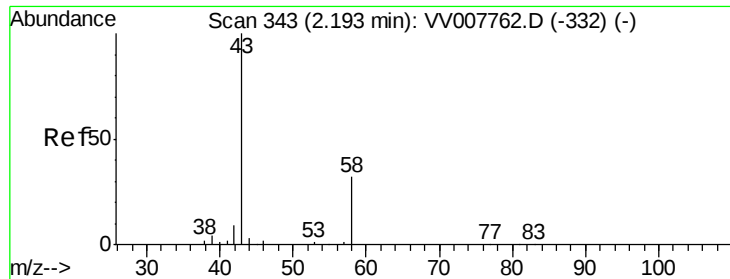
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.502 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

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Acq: 23 Sep 2018 07:34

Instrument :

MSVOA_V

ClientSampleId :

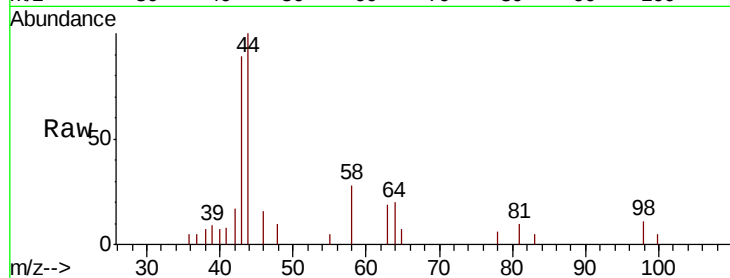
C08P2

Tot Ion: 43 Resp: 3701

Ion Ratio Lower Upper

43 100

58 25.6 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV007772.D (-250) (-)

Ion 58.00 (57.70 to 58.70): VV007772.D (-250) (-)

2500

2000

1500

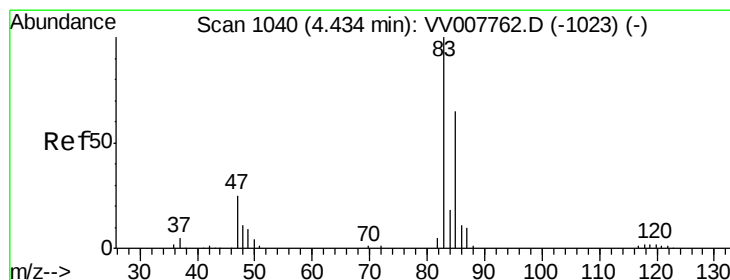
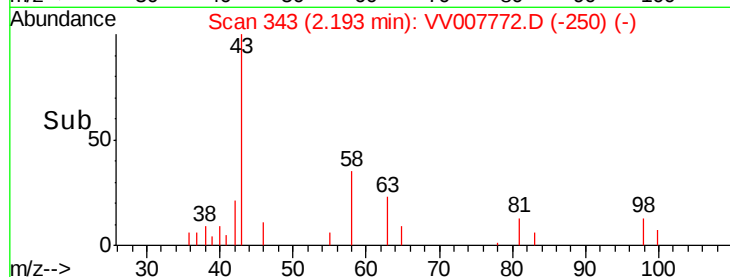
1000

500

0

2.15 2.20 2.25

Time-->



#25

Chloroform

Concen: 2.300 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VV007772.D

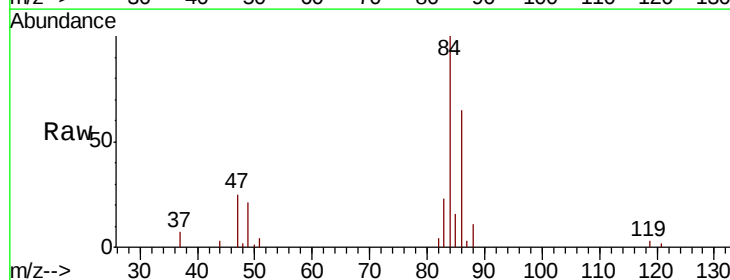
Acq: 23 Sep 2018 07:34

Tgt Ion: 83 Resp: 4577

Ion Ratio Lower Upper

83 100

85 69.7 44.0 81.8



Abundance Ion 83.00 (82.70 to 83.70): VV007772.D (-947) (-)

Ion 85.00 (84.70 to 85.70): VV007772.D (-947) (-)

2000

1500

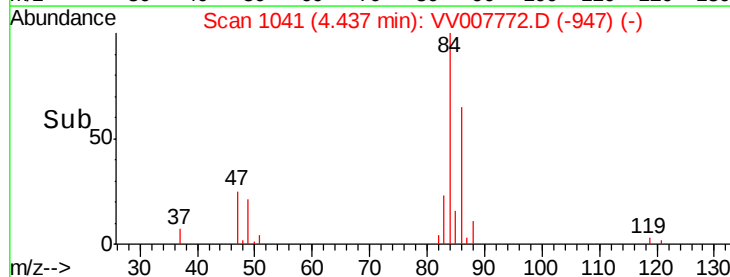
1000

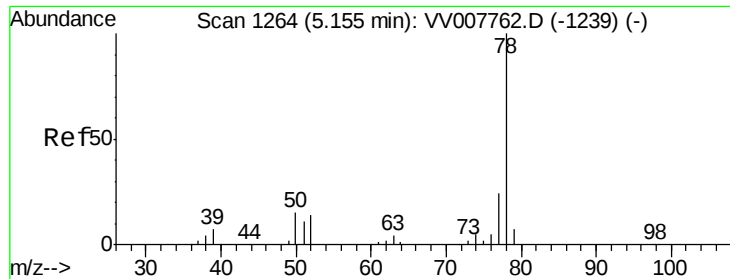
500

0

4.35 4.40 4.45 4.50

Time-->





#33

Benzene

Concen: 4.080 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VV007772.D

Acq: 23 Sep 2018 07:34

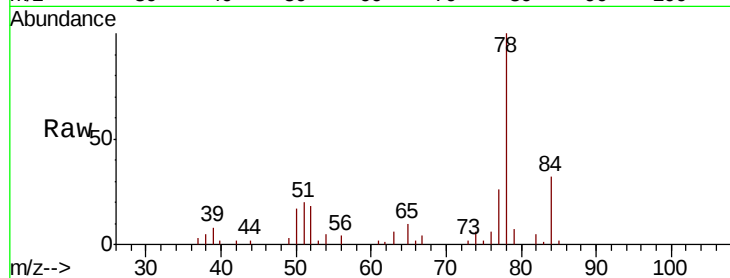
Instrument :

MSVOA_V

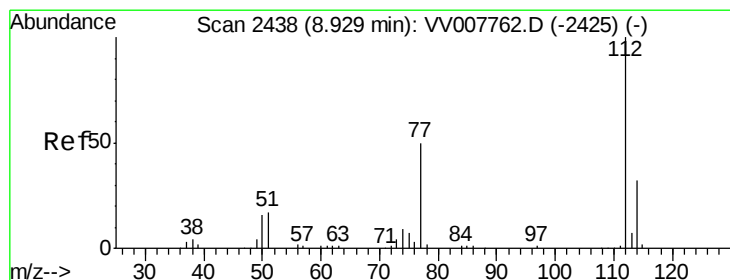
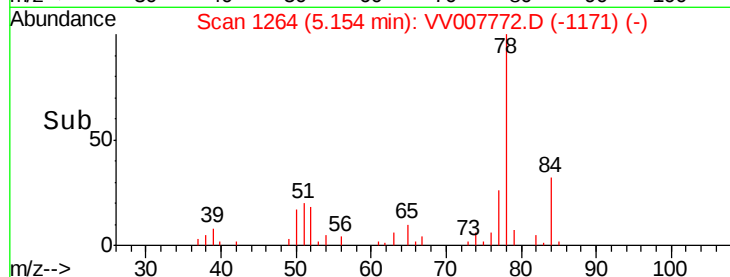
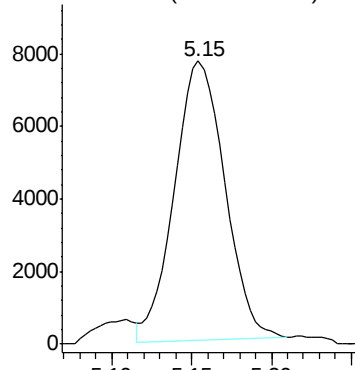
ClientSampled :

C08P2

Tgt Ion: 78 Resp: 16613



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 2.628 ug/L

RT: 8.93 min Scan# 2438

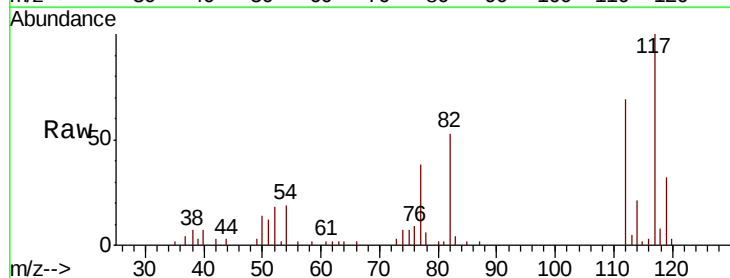
Delta R.T. -0.00 min

Lab File: VV007772.D

Acq: 23 Sep 2018 07:34

Tgt Ion: 112 Resp: 9137

Ion	Ratio	Lower	Upper
112	100		
114	30.0	22.3	41.3
77	54.6	40.6	60.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

