

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007784.D
 Acq On : 23 Sep 2018 13:29
 Operator : SY/MD
 Sample : J5014-09
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E8JC3

Quant Time: Sep 24 07:49:26 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	180315	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171801	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92597	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36994	37.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.50%
7) Chloroethane-d5	1.59	69	38772	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.08%
11) 1,1-Dichloroethene-d2	2.14	63	75995	32.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.78%
21) 2-Butanone-d5	3.95	46	60371	93.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.27%
24) Chloroform-d	4.41	84	93044	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.70%
26) 1,2-Dichloroethane-d4	5.09	65	62259	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
32) Benzene-d6	5.11	84	181991	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
36) 1,2-Dichloropropane-d6	6.13	67	54529	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.52%
41) Toluene-d8	7.36	98	187875	45.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.06%
43) trans-1,3-Dichloropropene-	7.67	79	23895	40.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.28%
47) 2-Hexanone-d5	8.14	63	45457	88.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81166	44.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.18%
64) 1,2-Dichlorobenzene-d4	11.68	152	90318	47.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.84%

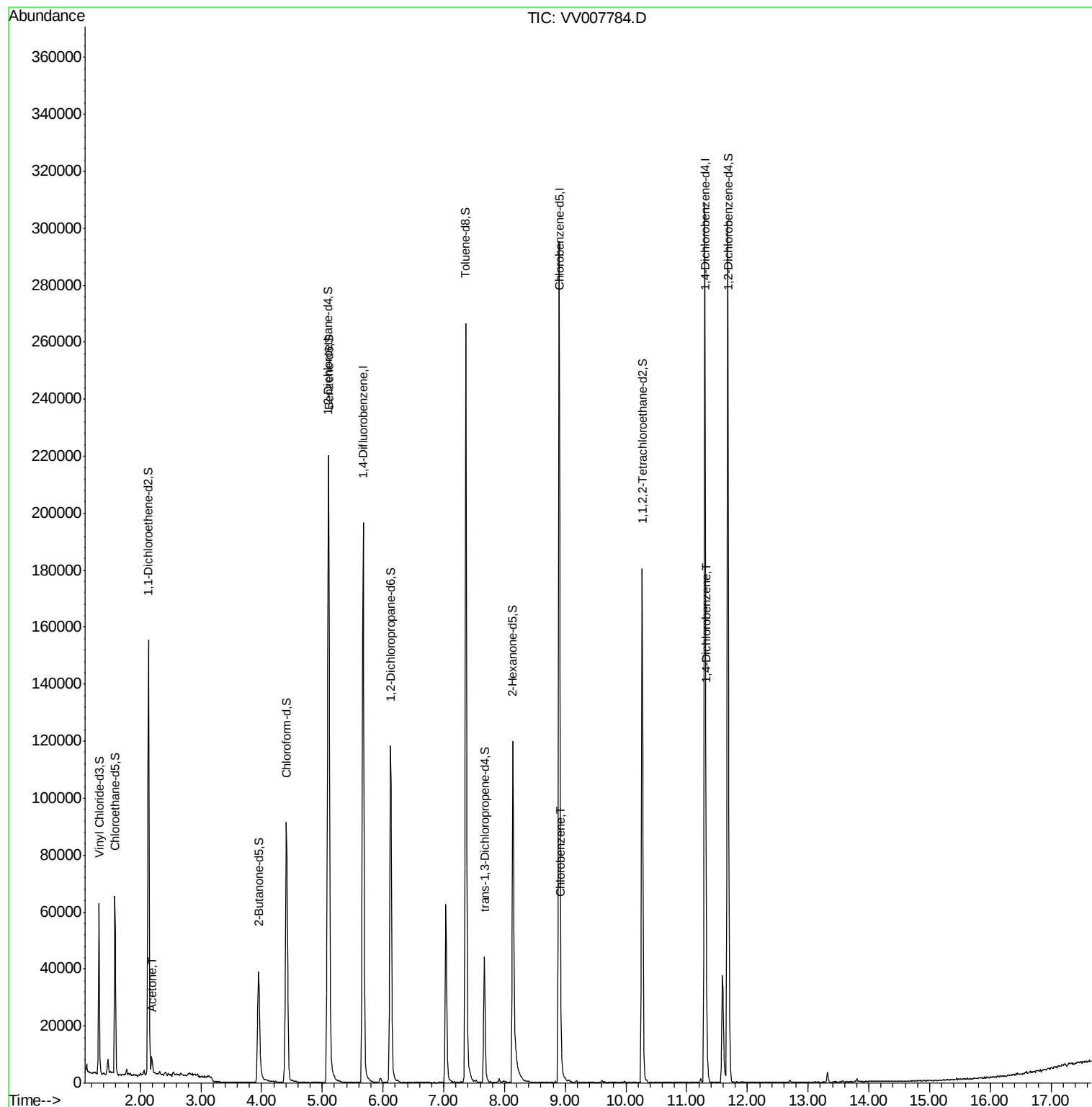
Target Compounds					Ovalue
13) Acetone	2.19	43	4829	7.070 ug/L	84
51) Chlorobenzene	8.93	112	3334	0.949 ug/L	93
63) 1,4-Dichlorobenzene	11.32	146	3591	1.179 ug/L	94

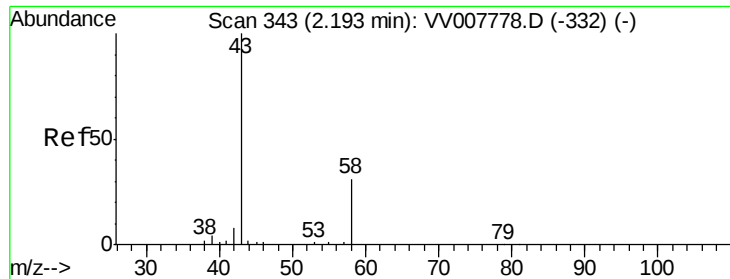
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 07:19:48 2018
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#13

Acetone

Concen: 7.070 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV007784.D

Acq: 23 Sep 2018 13:29

Instrument :

MSVOA_V

ClientSampleId :

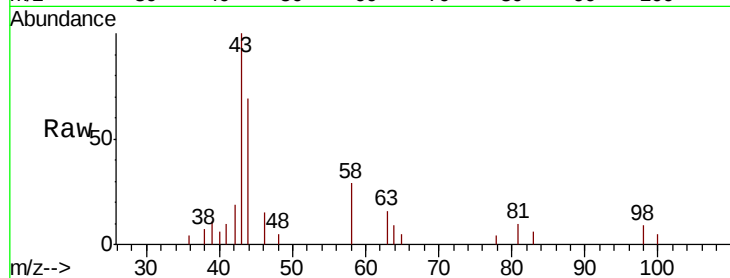
E8JC3

Tot Ion: 43 Resp: 4829

Ion Ratio Lower Upper

43 100

58 23.4 0.0 65.2



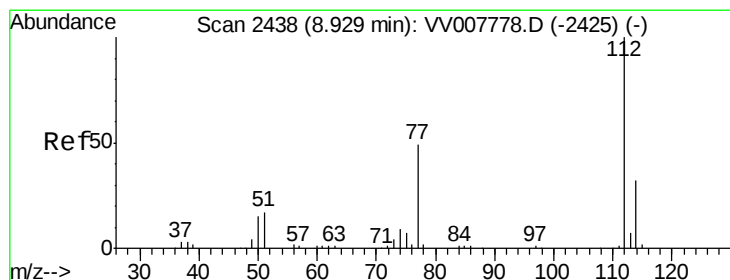
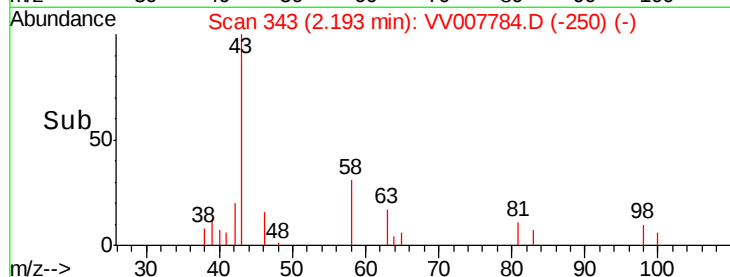
Abundance Ion 43.00 (42.70 to 43.70): VV007778.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV007778.D (-332) (-)

2.19

2.15 2.20 2.25

Time-->



#51

Chlorobenzene

Concen: 0.949 ug/L

RT: 8.93 min Scan# 2439

Delta R.T. 0.00 min

Lab File: VV007784.D

Acq: 23 Sep 2018 13:29

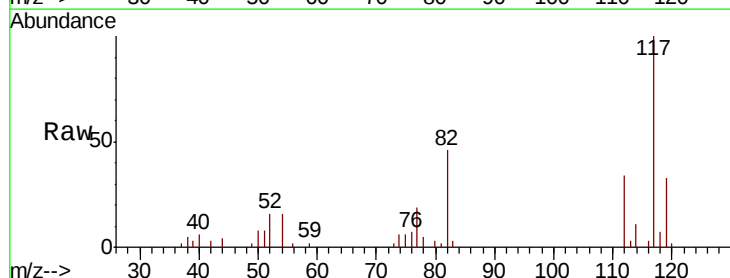
Tgt Ion: 112 Resp: 3334

Ion Ratio Lower Upper

112 100

114 33.3 22.3 41.3

77 57.1 40.6 60.8



Abundance Ion 112.00 (111.70 to 112.70): VV007778.D (-2425) (-)

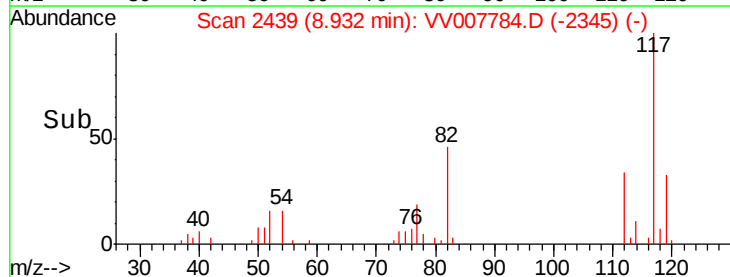
Ion 114.00 (113.70 to 114.70): VV007778.D (-2425) (-)

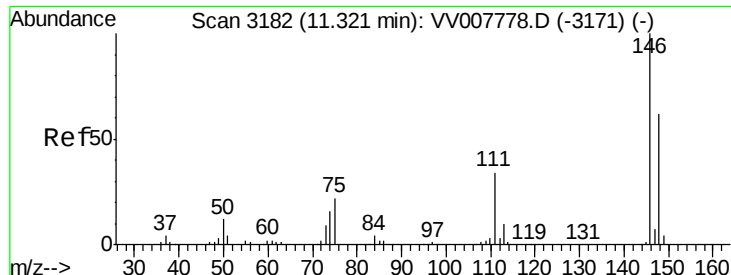
Ion 77.00 (76.70 to 77.70): VV007778.D (-2425) (-)

8.93

8.90 8.95

Time-->





#63

1,4-Dichlorobenzene

Concen: 1.179 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

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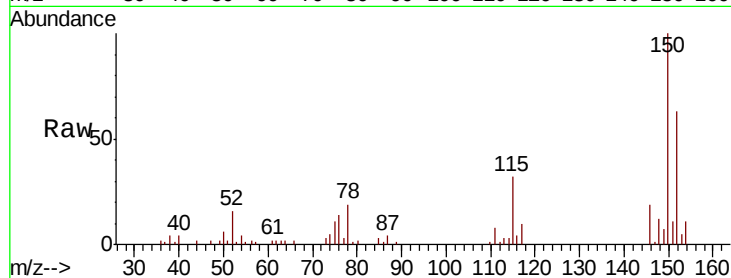
Tot Ion:146 Resp: 3591

Ion Ratio Lower Upper

146 100

111 43.6 24.4 45.4

148 63.6 45.1 83.7



Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

